Scottish & Southern Electricity Networks
TRANSMISSION

Appendix 8.3: Biodiversity Net Gain Assessment Report

Project Name – Beauly to Blackhillock to New Deer to Peterhead 400 kV OHL Project

Contents

Executive Summary

This report has been prepared to accompany the application by Scottish Hydro Electric Transmission plc (the Applicant) for Section 37 consent for the construction of a new 400 kilovolt (kV) double circuit overhead line (OHL), hereafter referred to as the ('Proposed Development'), which will connect substation sites at Beauly, New Deer, and Peterhead across The Highland Council, Moray Council, and Aberdeenshire Council local planning authority areas.

This report sets out the results of the Biodiversity Net Gain (BNG) calculations and the approach to delivering on the Applicant's BNG commitments for the Proposed Development.

This report includes:

- A calculation of baseline Biodiversity Units (BU) and Linear Units (LU) for the Proposed Development following the guidance outlined within the Applicant's Biodiversity Net Gain Toolkit User Guide.
- A prediction of the post development on-site BU based on the expected course of natural regeneration and following successful implementation of a habitat management plan, which is to be defined and should be suitable for the location, climate, and native vegetation of the Proposed Development site.
- A qualitative assessment against the Biodiversity Net Gain Good Practice Principles[1].
- Details of the habitat creation or enhancements required to achieve biodiversity enhancements.
- At the point of preparing this BNG assessment, it is not considered to be feasible to compensate for all BU losses within the Proposed Development footprint and therefore the majority of losses are expected to be addressed off-site.

The results of this assessment were divided by council areas to provide the local authorities with information on the compensation measures required within their respective authority areas.

Overall, the on-site biodiversity value within the Proposed Development site located within The Highland Council area will result in a loss of 942.94 BU and 4.72 LU (H)'s; and overall decrease of 60 % in BU and a 100% decrease in LU (H).

Within the section of the Proposed Development located within Moray Council area, If the Proposed Development is to be constructed following the Kellas Standard Alignment, the on-site biodiversity value is expected to result in a loss of 416.16 BU and 1.89 LU (H)'s; and overall decrease of 38 % in BU and a 100% decrease in LU (H).

The on-site biodiversity value within this section of the Proposed Development located within Aberdeenshire Council area is expected to result in a loss of 129.09 BU and 4.78 LU (H)'s; and overall decrease of 30 % in BU and a 100% decrease in LU (H). Table 1.1 below shows the Baseline and Post Development biodiversity values as well as area of irreplaceable habitat.

Table 1.1: BNG Assessment Results

Local Planning Authority	Baseline BU and LU (H)	Post Development BU and LU (H)	Irreplaceable habitat area (ha)	
			AWI	Blanket bog
Highland Council	1566.82BU and 4.72 LU (H)	623.87 BU and 0.00 LU (H)	4.16	8.43

[1] CIEEM, IEMA and CIRIA (2023) Biodiversity Net Gain Good Practice Principles, Available at: Biodiversity-Net-Gain-Principles.pdf

Local Planning Authority	Baseline BU and LU (H)	Post Development BU and LU (H)	Irreplaceable habitat area (ha)	
			AWI	Blanket bog
Moray Council (Kellas Standard Alignment)	1084.73 BU and 1.89 LU (H)	668.57 BU and 0.00 LU (H)	0.29	4.43
Aberdeenshire Council	433.36 BU and 4.78 LU (H)	304.27 BU and 0.00 LU (H)	0	0

The Proposed Development will choose between either Kellas Standard Alignment or Alternative Alignment within the Moray Council section. If the Proposed Development is to be constructed utilising the Kellas Alternative Alignment, the Proposed Development is expected to result in a loss of 421.58 BU and 1.89 LU (H)'s; and overall decrease of 39 % in BU and a 100% decrease in LU (H). Table 1.2 below shows the biodiversity value if the Alternative Alignment is chosen. In terms of biodiversity value, the difference between the alignments is negligible and therefore alignment selection is unlikely to have an impact upon biodiversity value.

Table 1.2: BNG Assessment Results – Kalles Alternative Alignment

Local Planning Authority	Baseline BU and LU (H)	Post Development BU and LU (H)	Irreplaceable habitat area (in ha)	
			AWI	Blanket bog
Moray Council (Kellas Alternative Alignment)	1082.90 BU and 1.89 LU (H)	661.32 BU and 0.00 LU (H)	0.29	4.71

Within the temporary footprint of the Proposed Development during construction, the majority of the impacted habitats are anticipated to regenerate naturally to baseline habitat and condition[2] following completion of the construction phase, which is expected to take place over four years. Exceptions are areas of woodland, hedgerows, and blanket bog. Where woodland is removed, these areas are expected to develop into a habitat mosaic of bracken, grassland, and scrub as no woodland replanting is anticipated. Hedgerow and blanket bog would require management intervention to facilitate their recovery, where not within the permanent Proposed Development footprint..

Hedgerows would not regenerate, therefore in locations where hedgerows would be removed, they would not appear in the post development habitats.

Due to the scale and complexity of the Proposed Development, management interventions are restricted to areas of blanket bog and therefore off-site compensation is required to ensure the Proposed Development has an overall 10% net gain in biodiversity. This can be achieved by targeting woodland, grassland, and heathland creation off-site to compensate the on-site losses.

Any habitats that can recover within two years of the initial impact, namely grassland habitats within the crane pads (which do not remain installed throughout the four-year construction period), are removed from the calculations. Any other temporarily impacted habitat is included.

Irreplaceable Habitats are habitats which are technically very difficult or impossible to restore, recreate, or replace once destroyed. The Applicant considers Irreplaceable Habitats within their network to be ancient woodland (categories 1a & 2a of the Ancient Woodland Inventory (AWI)), individual ancient or veteran trees, and blanket bog or raised bog in good or moderate condition.

[2] Post Development condition of recovered habitats is capped at moderate, as good condition cannot be guaranteed without management intervention

Any loss or deterioration of an Irreplaceable Habitat will be recorded by area (hectares) outwith the Toolkit to allow for bespoke compensation to be determined.

The Proposed Development is predicted to result in a loss of 12.59 hectares (ha) of Irreplaceable Habitats within The Highland Council area, 4.72 ha of Irreplaceable Habitats within Moray Council area, if the Kellas Standard Alignment is taken forward or alternatively 4.99 ha of Irreplaceable Habitat if the Kellas Alternative Alignment is taken forward instead of the Standard Alignment. There is no Irreplaceable Habitat recorded within Aberdeenshire Council area. The Irreplaceable Habitat across the whole of the Proposed Development constitutes 12.86 ha blanket bog, 3.18 ha category 1a plantation on ancient woodland sites (PAWS) and 1.26 ha category 2a broadleaved ancient woodland if the Moray Council – Kellas Standard Alignment is selected. The Irreplaceable Habitat loss would be 13.14 ha blanket bog, 3.18 ha category 1a PAWS and 1.26 ha category 2a broadleaved ancient woodland if the Moray Council – Kellas Alternative Alignment is selected. The Applicant is committed to ensure that a greater extent of blanket bog is restored than the extent of Good and Moderate condition blanket bog lost. Refer to Annex A – Irreplaceable Habitat Supplement for the assessment of losses or deterioration of Irreplaceable Habitats.

1 Introduction

1.1 Background to the Proposed Development

1.1.1 Scottish Hydro Electric Transmission plc (hereafter referred to as 'the Applicant'), who operating and known as Scottish and Southern Electricity Networks Transmission (SSEN Transmission) own, operate and develop the high voltage electricity transmission system in the North of Scotland and remote islands The Applicant commissioned WSP UK Limited (hereafter referred to as 'WSP') to undertake a Biodiversity Net Gain (BNG) assessment for the Beauly to Blackhillock to New Deer to Peterhead 400 kilovolt (kV) overhead line (OHL) project (hereafter referred to as 'the Proposed Development') using the SSEN Transmission Biodiversity Project Toolkit Version 3.0 (hereafter referred to as 'the Toolkit').

1.1.2 The Applicant is submitting an application for consent under Section 37 of the Electricity Act 1989 (hereafter referred to as 'the Electricity Act') to construct and operate a new double circuit 400 kV OHL to connect into new substation sites at Beauly, New Deer, and Peterhead. The Proposed Development is located in the local planning authority areas of The Highland Council, Moray Council, and Aberdeenshire Council. The application also includes the realignment of a section of the existing 275 kV OHL south of Ferness.

1.1.3 There are ancillary works associated with the Proposed Development which includes the removal of the existing 132 kV OHL from Beauly to Knocknagael Substation, installation of temporary and permanent access tracks, tree and vegetation clearance, and rationalisation and crossings of the existing transmission network.

1.1.4 The purpose of this report is to interpret the impact of the Proposed Development on the biodiversity value of the site. This Appendix must be read in conjunction with Annex A-G, of this BNG assessment, which provide details on: Irreplaceable Habitat (Annex A), approach to BNG (Annex B), UKHab habitat distinctiveness (Annex C), good practice principles for BNG (Annex D), toolkits (Annex E), and the Outline Habitat Management Plan (oHMP) (Annex F). Visual presentation of the baseline and post development habitats within the Proposed Development can be found in Figures 8.3.1 - 8.3.6.

1.1.5 The Proposed Development encompasses the proposed OHL alignment, along with ancillary works. For full details and figures of the Proposed Development, please refer to Chapter 3: Project Description of the Environmental Impact Assessment (EIA) Report, which this Technical Appendix should be read in conjunction with.

1.2 Description of Habitats Associated with the Proposed Development

1.2.1 The Proposed Development would be located across a range of habitats including areas of modified grassland, cropland intersected by developed land, broadleaved woodland and coniferous woodland, neutral grassland, and acid grassland. Species-rich habitats such as upland heathland, blanket bog, scrub, and purple moor-grass and rush pasture are also present. Linear habitat features recorded across the Proposed Development include hedgerows and lines of trees, as well as watercourses. A conclusive list of habitats present within the Proposed Development, and their baseline condition, can be found within the associated toolkits, located in Annex E.

1.2.2 In addition to the habitats noted above, Irreplaceable Habitats were noted across the Proposed Development with irreplaceable blanket bog and category 1a and 2a ancient woodland found across The Highland Council and the Moray Council areas. There was no Irreplaceable Habitat recorded within the Aberdeenshire Council area.

1.2.3 Although the Proposed Development is located adjacent to a range of designated sites, it is not expected to encroach into these protected areas. For detailed information on the type of designated sites and composition of Irreplaceable Habitat across the council areas reference is made to Section 4: Results and Annex A: Irreplaceable Habitat Supplement.

1.2.4 A comprehensive summary of all habitats found within the temporary and permanent footprint and the Limit of deviation (LoD), including any Annex I[3] as well as designated sites in proximity to the Proposed Development, can be found in Appendix 8.1: Habitat and Protected Species Survey Report.

1.3 Proposed Development Description

1.3.1 The Proposed Development, which is the subject of an application under section 37 of the 1989 Act and section 57(2) of the Town and Country Planning (Scotland) Act 1997 comprises:

- construction of approximately 185 kilometres (km) of new 400 kV double circuit OHL between new substation sites proposed at Beauly, Blackhillock, and Peterhead;
  - One section within the Kellas estate has two alignment options. These results are presented in two separate toolkits and result sections for the Moray Council area comparing the standard Moray OHL and an alternative alignment within the Kellas estate.
- realignment of approximately 2.6 km section of the existing 275 kV OHL south of Ferness;
- dismantling of the Beauly to Knocknagael 132 kV OHL;
- construction of temporary OHL diversions to facilitate the modifications to existing OHLs required to construct the new 400 kV OHL;
- permanent and temporary access tracks and bellmouths;
- temporary tower compounds;
- clearance of woodland within the Operational Corridor[4]; and
- removal of habitats to permit temporary works to take place, and blanket bog reinstatement measures as outlined in the oHMP Annex F.

[3] Annex I habitat types have priority status: Habitat Interest Features - Special Areas of Conservation
[4] the Operational Corridor refers to the designated area around the overhead line that requires specific management and safety measures due to the presence of the power line. This corridor may include restrictions on vegetation management, construction activities, and other land uses to ensure the safe operation and maintenance of the overhead line.

2 Scope of Report

2.1.1 This report sets out the results of the BNG assessment and the approach to delivering the Applicant's BNG commitments for the Proposed Development. This report identifies the baseline and post development biodiversity value measured in Biodiversity Units (BU) for area habitats and Linear Units – Hedgerow (LU (H)). It also provides a summary of the feasibility of BNG within the Proposed Development site and the off-site offsetting required to achieve positive effects for biodiversity.

2.2 SSEN Transmission's BNG Commitments

2.2.1 The Applicant is committed to protecting and enhancing the environment by minimising the potential impacts from their construction and operational activities. As part of this approach, the Applicant has made commitments within its Sustainability Strategy[5] to deliver 10% BNG and leave a positive legacy for nature on all projects gaining consent.

2.3 Legislation and Planning Policy

2.3.1 Section 1 of the Nature Conservation (Scotland) Act 2004[6] (as amended) places a duty on all public bodies and officeholders in Scotland to further the conservation of biodiversity when carrying out their functions in so far as is consistent with the proper exercise of those functions. This duty applies to the Energy Consents Unit and planning authorities in their functions as competent authorities, and to the Applicant as a statutory undertaker. Section 3A of the Town & Country Planning (Scotland) Act 1997[7] as amended, requires that an outcome of the National Planning Framework is securing positive effects for biodiversity.

2.3.2 The National Planning Framework 4 (NPF4)[8] requires biodiversity enhancements be provided in addition to any proposed mitigation. It states that "*Development proposals for national or major development that require an Environmental Impact Assessment will only be supported where it can be demonstrated that the proposal will conserve, restore and enhance biodiversity, including nature networks, so that they are in a demonstrably better state than without intervention. This will include future management. To inform this, best practice assessment methods should be used.*" (Policy 3b)

2.3.3 The mitigation hierarchy, as presented in NPF4, has been applied to avoid impacts to biodiversity, where avoidance is not possible, these impacts have been minimised. This is aligned to the Scottish Government's NPF4 Policy 3 which requires proposed developments to contribute to biodiversity enhancement. The mitigation hierarchy is as follows:

1) Avoid – by removing the impact at the outset
2) Minimise – by reducing the impact
3) Restore – by repairing damaged habitats
4) Offset – by compensating for the residual impact that remains, with preference to on-site over off-site measure

[5] SSEN Transmission. 2024. Sustainability Strategy. Available at: https://www.ssen-transmission.co.uk/about-us/sustainability/sustainability-strategy/
[6] Scottish Government (2004). Nature Conservation (Scotland) Act 2004. Available at: https://www.legislation.gov.uk/asp/2004/6/contents
[7] Scottish Government (1997). Town & Country Planning (Scotland) Act 1997. Available at: https://www.legislation.gov.uk/ukpga/1997/8/contents
[8] Scottish Government. (2023). National Planning Framework 4. Available at: https://www.gov.scot/publications/national-planning-framework-4/

3 Methodology

3.1 Area and Surveys

Desk Based Assessment

3.1.1 The EIA, as outlined in Appendix 8.1: Habitat and Protected Species Survey Report, identified that there were no terrestrial designated sites that overlap within the Proposed Development footprint. Furthermore, there are no habitats which will be affected that could interact with habitats associated with designated sites, such as waterbodies which could provide connectivity. Hence, designated sites are not assessed further within this report.

Field Assessment

3.1.2 This BNG Assessment and associated recommendations are based on findings of the UK Habitat Classification (UKHab) and Natural England Biodiversity Metric 3.1 Habitat Condition Assessment (HCA)[9] surveys. All habitats were assigned UKHab Primary Habitats in line with UKHab Classification User Manual (Version 1.1)[10]. Full UKHab methodology and survey data are reported separately in Appendix 8.1: Habitat and Protected Species Survey Report. HCA surveys were conducted following the system presented in Natural England Biodiversity Metric 3.1[11]. All habitat mapping was undertaken using Arc Map Version 10.8.1.

3.1.3 The surveys were undertaken throughout the optimal botanical survey season[12] between April and June 2024. Additional survey areas were surveyed in October and November 2024. Although this is outwith the optimal survey season, the habitats recorded throughout these additional surveys were considered adequately assessed due to their low distinctiveness nature.

3.1.4 The surveys covered the majority of the Proposed Development and LoD where access was permitted (see Section 3.2: Limitations and Assumptions). Further information on access limitations can be found in Appendix 8.1: Habitat and Protected Species Survey Report, Sections 2.5.3 to 2.5.5. All habitats were assigned UKHab Primary Habitats in line with UKHab Classification User Manual (Version 1.1). Full UKHab methodology and survey data are reported separately in Appendix 8.1: Habitat and Protected Species Survey Report.

3.1.5 In areas that could not be surveyed by foot, assumptions on the condition of habitats were made based on considerations by a team of experienced ecologists, taking HCA results of surveyed areas and expert knowledge on expected vegetation structure into account. The specific assignment of conditions is discussed in the assumptions and limitation section.

3.1.6 The habitats within areas where survey access was not possible were evaluated through a Multi Criteria Analysis (MCA). For the MCA, online data sources for habitats were used to assign habitat types to the various land types along the Proposed Development, within a 350 metre (m) buffer. The data sources used were:

- Ordnance Survey MasterMap[13] (OSMM);
- Native Woodland Survey of Scotland[14] (NWSS);

[9] Natural England (2023). Biodiversity Metric 3.1 (JP039). Habitat Condition Assessment Methodology. Available at: https://publications.naturalengland.org.uk/publication/5850908674228224 [Accessed June 2024]
[10] UKHab Ltd. (2020). UK Habitat Classification, Version 1.1. Available: https://www.ukhab.org . [Accessed December 2024]
[11] Natural England (2023). Biodiversity Metric 3.1 (JP039). Available at: https://publications.naturalengland.org.uk/publication/5850908674228224 [Accessed June 2024]
[12] NatureScot. Ecological survey calendar. Available: https://www.nature.scot/doc/ecological-survey-calendar
[13] Ordnance Survey (2024). OS Master Map, Available from: https://www.ordnancesurvey.co.uk/products/os-mastermap-sites-layer
[14] Scottish Government (2024). Native Woodland Survey of Scotland. Available from: Native Woodland Survey of Scotland (NWSS) - data.gov.uk

- Habitat Map of Scotland[15] (HabMoS);
- AWI[16];
- Carbon and Peatland 2016 map[17] (CPM); and
- Scotland Habitat and Land Cover map 2020[18] (HLCM).

3.1.7 The above Datasets were categorised in order of data quality and reliability using the factors of data age, data source, and professional judgement. Using these criteria, the most reliable data were placed higher up the hierarchy and the data in which there was less confidence, were placed lower. For example, OSMM data is spatially and geometrically the most accurate national data set, known to be precise for hardstanding, buildings, and water categories, but is less useful for assigning habitat types for remaining vegetated land types. Therefore, the remaining datasets in the hierarchy were used for this purpose.

3.1.8 All data sources were combined to create a dataset covering the route options presented at the Route Selection Stage (see Volume 2, Chapter 4: The Routeing Process and Alternatives). This maintained all the attributes and geometries of each given layer. Once the data were combined, an assumed habitat type was assigned based on the hierarchy outlined above, where relevant data were available. For example, if there were OSMM data for buildings available, the assumed habitat type was assigned to this class. Where these data were not available, a habitat type from the next source in the hierarchy was checked and applied if present, continuing down the list until each part of the combined route area was assigned a habitat type.

3.1.9 In certain circumstances the assumed habitats were updated based on additional information from field notes taken by the ecologists if these notes related to the assumed habitat in question. To create a comparable habitat map, all habitat types were aligned into a single classification system (UKHab) based on ecologist notes.

Evidence of Technical Competence

3.1.10 The field surveys were led by ecologists who are experienced at a 'capable' and 'proficient' [19] level of surveying similar habitat types. The lead surveyors managing all survey results was accredited with the Botanical Society of Britain and Ireland (BSBI) Field Identification Skills Certificate[20] (FISC) Level 3. This report has been completed and quality assured by a team of ecologists with 10 years' collective experience in undertaking BNG assessments. The report has been reviewed and authorised by ecologists with CIEEM memberships and one Chartered Ecologist.

3.2 Limitations and Assumptions

3.2.1 To produce this assessment, certain limitations and assumptions have been made and are detailed below.

[15] Scottish Government (2024). Habitat Map of Scotland. Available from: https://www.data.gov.uk/dataset/e934a9ff-0aca-4bf1-a3c4-b64180d0ac60/habitat-map-of-scotland-habmos
[16] Scottish Government (2010). Ancient Woodland Inventory. Available from: https://spatialdata.gov.scot/geonetwork/srv/api/records/A091F945-F744-4C8F-95B3-A09E6EF6AE33
[17] Scottish Government (2016). Carbon and Peatland 2016 Map. Available from: Carbon and Peatland 2016 map - data.gov.uk
[18] Scottish Government (2020). Scotland Habitat and Land Cover Map. Available from: Scotland Habitat and Land Cover Map - 2020
[19] CIEEM (2021). Competency Framework. Available at: https://cieem.net/wp-content/uploads/2019/02/Competency-Framework-2024-V7-Web.pdf [Accessed: April 2025]
[20] Field Studies Council (2024). Field Identification Skills Certificate. Available from: Field Identification Skills Certificate – Botanical Society of Britain & Ireland

Desk-based:

- The boundary for the BNG assessment encompasses all habitats within the Proposed Development extent which would be lost for more than two years.
- Habitats which will recover to the same type and condition within two years of the initial impact are considered temporary impacts and have not been included in the BNG calculations, in accordance with SSEN Transmission methodology. This includes habitats impacted by the dismantling works, existing access tracks in fair and good condition and all-terrain vehicles (ATV) access and trackways.
- Area calculations are based on areas being rounded to two decimal places before being entered into the toolkit. Therefore, there may be a difference of 0.01 ha between the footprint of the Proposed Development (subject to exclusions detailed above) and total habitat area on rounding up or down of values. The BU achieved from these small changes is negligible and therefore this does not affect the BNG calculations when considering the scale of the project.
- Current programme development indicates that the construction period would be four years. The Time to Target Condition (TTTC) for all habitats has been calculated using the Natural England Biodiversity Metric 3.1 Technical Supplement standard TTTC plus adding four years to account for construction delay to habitat regeneration. TTTC has not been adapted within the Operational Corridor, where habitat is expected to recover naturally into a bracken / grassland / scrub mosaic after woodland clearance out with the permanent and temporary development footprint.
- Where baseline habitats were established as part of the MCA desk-based assessment, their condition was determined using professional experience and judgement based on the habitats and conditions recorded during the surveys. All habitats were assigned moderate condition, except for modified grassland and other coniferous woodland, which were assigned poor condition to reflect conditions of similar habitats assessed during the field surveys. A moderate condition was assigned to the majority of habitats as a precautionary measure, reflecting a reasonable worst-case scenario approach. This ensured that potential ecological impacts are not underestimated, thereby supporting a robust and risk-averse assessment methodology grounded in professional judgement and field survey experience. Modified grassland (usually presented as livestock pasture) and other coniferous woodland (usually in the form of monoculture plantations), were exempt from this as professional experience in the field showed these habitats to rarely reach higher than poor condition due to their modified nature and low species diversity.
- u1f – sparsely vegetated urban land is not present within the toolkit and for the purpose of this assessment u1d – suburban mosaic of developed and natural surfaces was used as this habitat is considered to be the most similar. As either are urban habitat and neither have a biodiversity value this will not impact the results of this assessment.
- The category Wetland – other swamps, is not listed within the Natural England Biodiversity Metric 3.1 Technical Supplement and therefore the TTTC and Difficulty score[21] for these habitats was taken from Wetland – Reedbeds. Reedbeds are considered to be most similar to the rush dominated Wetland – other swamp category as their complexity and species diversity better aligns with the less species diverse other swamp compared to the higher distinctiveness wetland categories. Species often dominating Wetland - other swamp constitute soft rush (*Juncus effusus*), compact rush (*Juncus conglomeratus*), and sharp-

[21] Difficulty refers to the risk factor applied to the calculations that represent how difficult it is for a habitat to establish during the enhancement/creation process. More details are provided in Annex B.

flowered rush (*Juncus acutiflorus*), as well as scattered reed canary grass (*Phalaris arundinacea*) and common sedge (*Carex nigra*).

Fieldwork:

- Based on the desk study, field data collected, experience of the surveyors, and the MCA gap analysis, it is considered that the data used to support this BNG assessment are robust and provide a sufficiently accurate reflection of the habitats present within the Proposed Development, and their condition with respect to BNG.
- A total of 65% of the total area were surveyed by WSP ecologists within The Highland Council area, 79% within the Moray Council area, and 82.5% within the Aberdeenshire Council area. Further information on access limitations can be found in Appendix 8.1: Habitat and Protected Species Survey Report, Sections 2.5.3 to 2.5.5. The remaining coverage was substituted with MCA survey results where there was no access. The accuracy of the MCA combined with a comparative similarity to the surveyed habitats, is expected to provide enough accuracy for the unsurveyed areas, to quantify the baseline.
- The MCA and fieldwork is based on design information received August 2024. Habitat data within updated areas, after design changes were made, are based on aerial imagery and extrapolation of adjacent habitats for which there is existing MCA/fieldwork data. This particularly applies to the area around Coachford where connection to a new substation in that area was removed between DF3 and DF4. Further information on this can be found in Appendix 8.1: Habitat and Protected Species Survey Report, Section 8.3.21.
- Validity of MCA and fieldwork results relating to native pinewoods was further determined through historical mapping data to understand woodland composition using Pastmap.[22] Where historical maps indicate no old stock woodland cover, habitats previously assigned w1a – native pinewoods, were reassigned to w1b – other Scot's pine woodland.

Project:

3.2.2 The Proposed Development design is fully described in EIA Report Volume 2, Chapter 3: Project Description. The elements of design assessed in BNG encompasses areas likely to be affected by the footprint of the Proposed Development. The BNG assessment makes the following assumptions:

- Temporary footprint includes temporary tracks, bellmouths, and tower compounds;
- Where habitats are expected to recover and return to the same habitat type and condition within less than two years from the commencement of impact, such as within ATV tracks and trackways, bellmouths associated with ATV tracks and trackways, and crane pads, they are not included in the calculations and are excluded from the calculation;
- Proposed OHL tower working areas[23] constitute crane pad[24], piling pad[25] and a tele pad[26]. Within these clearance areas the following has been applied:
  - Crane pads are only included where they are put on top of habitat that will not recover to the same habitat type and condition within two years, namely scrub, blanket bog, and heathland habitats;

[22] Pastmap (2025) Available at: Welcome! | PastMap
[23] Figure 3.9a and 3.9b Typical Tower Working Area Arrangement for suspension towers and tension towers respectively
[24] A crane pad is a prepared, levelled area designed to support the weight and operation of a mobile crane. It is used during tower erection to safely lift and position heavy components like steel lattice sections and conductors.
[25] A piling pad is the working platform for piling rigs that install deep foundations — typically steel or concrete piles — to support the tower base.
[26] A tele pad refers to the access and working area for a telehandler — a versatile lifting machine used for moving materials around the OHL tower working area.

- 1.5 x 1.5 m concrete base around each tower foot, which is the only permanent element of the tower compound – entered post development as developed land, sealed surface;
- 2 m buffer around the towers to be permanently maintained as clear from any woody vegetation such as trees and scrub for maintenance access. This zone is described as Zone A within SSEN's Vegetation Management in Transmission Operations Guidance Document[27]. Modified grassland (poor condition) is expected to be permitted to establish within the 2 m buffer;
- habitats within the tower working areas will be permitted to regenerate naturally back to their baseline habitat type and condition;
- the post development condition of naturally regenerated habitats in the tower working areas have been capped at moderate in the toolkit, which means habitats are assigned either poor or moderate condition based on their baseline condition; and
- Habitats in good condition in the baseline are reduced to moderate condition post development to account for differences in likely habitat recovery over the time period.

- This method was chosen as it is anticipated that it is unlikely that enough condition assessment criteria will get met throughout the habitats to reach good condition. For example, the browsing pressure across all council areas is high, which will influence species diversity. Furthermore, the absence of invasive non-natives cannot be guaranteed;
- All access tracks, including adjacent drainage ditches, were assumed to be 7 m wide. The width was reduced to 5 m in sensitive habitats, in line with SSENs Working in Sensitive Habitats General Environmental Management Plan (GEMP)[28]. The GEMP refers to sensitive habitats in connection with peat, blanket bog, wet heath, and dry heath habitats. In addition to these habitats, professional judgement was used to extend this list and include all applicable[29] habitats that are given priority habitats status on the Scottish Biodiversity List (SBL), such as purple moor-grass and rush pasture, upland flushes, fens and swamps, reedbeds, and upland calcareous grassland; and
- All access tracks, bellmouths, and concrete tower bases, which would remain in place post construction, are classified as UKHab Primary Habitat '(u1b) developed land; sealed surface'.

3.2.3 Woodland clearance is based on the area of woodland to be felled as identified within Chapter 12: Forestry and the forestry felling files and based on the following principles:

- The Operational Corridor would have a width of 70 m (35 m either side of proposed OHL alignment) within broadleaved woodland and 90 m (45 m either side of proposed OHL alignment) within areas of coniferous woodland;
- Woodland clearance would take place within a 10 m buffer from all permanent and temporary access tracks, with the exception of access tracks that are already in fair and good condition and any access tracks which would not impact the baseline habitat such as ATV access and trackways. The access tracks and their condition are shown on Figure 3.1 - Site Layout Overview; and
- Any woodland recorded within the permanent and temporary development footprint, but not presented in the forestry feeling files, were included in the calculations.

[27] SSEN Vegetation Management in Transmission Operations Guidance
[28] SSEN Transmission Working in Sensitive Habitats General Environmental Management Plan
[29] Woodlands and water courses excluded from this list of habitats as watercourses are taken out of the assessment and woodland is addressed through the area of forestry to be felled as identified within **Chapter 12: Forestry.**

3.2.4 Previously forested areas within the Operational Corridor and around the access tracks are expected to naturally vegetate after clearance, into a habitat mosaic estimated to comprise of 50 % bracken, 25 % modified grassland, and 25 % mixed scrub. The condition of colonising habitats are capped at poor as there can be no site preparation works or management applied across the Proposed Development due to its scale. It is therefore presumed that moderate condition cannot be achieved. This is a precautionary approach based on the assumption that the Applicant cannot guarantee what vegetation establishes naturally within felled woodlands and whether the established vegetation closely matches the appearance and composition of the specific habitat type as assigned by UKHab. Due to browsing pressure limiting species diversity, potential invasive non-native species (INNS) and likely bracken presence the habitats may fail additional condition criteria. Furthermore, due to the prolonged presence of bare ground and physical damage where infrastructure will be removed the habitats are expected to establish sporadically, further reducing their condition. With the exception of blanket bog, woodland, hedgerows and line of trees, all habitats within the temporary footprint are expected to regenerate naturally.

3.2.5 All habitats which are not recovering naturally after the four-year construction period are either habitats which require facilitated planting such as woodland, line of trees, and hedgerows, or habitats which have been permanently removed to make space for the permanent hardstanding structures, such as access tracks, tower feet, and bellmouth within the Proposed Development site.

3.2.6 Bodies of water i.e. standing water and watercourses were excluded from the BNG assessment, as it is assumed that the Proposed Development would span these habitats entirely.

3.2.7 Linear features, measured in LU (H), such as hedgerows and lines of trees are included in the assessment if located within the permanent Proposed Development and are entered as permanently lost. Hedgerows cannot be lost temporarily as they cannot regenerate naturally without management.

3.2.8 All woodland classed as Irreplaceable Habitat, including coniferous plantation in the form of 1a PAWS has been assigned high strategic significance due to the importance of the remnant ancient woodland flora seedbank within these areas.

3.2.9 The following assumptions were made around the treatment of blanket bog impacted by the Proposed Development:

- Within the temporary footprint, any lost blanket bog will be reinstated with its condition capped at poor for post development habitat due to the challenges connected with blanket bog reinstatement and because few condition criteria can be guaranteed to be met, despite active management and monitoring.
- Non-Irreplaceable blanket bog will be quantified within the BNG assessment balance of biodiversity unit losses and gains, subject to risk multipliers.
- The Applicant is committed to restore a greater extent of Irreplaceable Habitat blanket bog (moderate and good condition) than is lost.
- Where bog is expected to recover under management interventions within the temporary footprint, the default Natural England Biodiversity Metric 3.1 TTTC for bog creation is applied, but difficulty has been reduced from very high to medium. This aligns with the Applicants views as they state that: *"blanket bog restoration in the Scottish context indicates that that the Difficulty (the measure which represents the uncertainty in the effectiveness of management techniques used to enhance or create habitat) is more appropriately represented as Medium, as opposed to the Very High Difficulty for Creation*

and High Difficulty for Enhancement assigned in Biodiversity Metric 3.1 (and the Statutory Biodiversity Metric). SSEN Transmission have adopted this opinion".

3.2.10 A minor design change to a limited number of access tracks and bellmouths has taken place since these calculations were completed. This is not expected to impact the results significantly as the majority of the affected habitats are composed of low distinctiveness habitats such as g4 – modified grassland, c1c – cropland, u1d – suburban mosaic of developed and natural surfaces, and w2c – other coniferous woodland. These will be picked up at the detailed design stage in terms of detailed design calculations.

4 Results

4.1.1 The baseline biodiversity value and post development biodiversity value for the Proposed Development site are presented below and shown within Figures 8.3.1 - 8.3.6 separated by each local authority area. Detailed descriptions of the habitat composition within each local authority area can be found in Appendix 8.1: UKHab and Protected Species.

4.1.2 No designated sites were identified within the Proposed Development site; although the Proposed Development site is located adjacent to multiple designated sites that have protected ecological features; such as the River Spey SAC, Buinach and Glenlatterach Site of SSSI, Coleburn Pasture SSSI, and River Spey SSSI, there will be no encroachment of the Proposed Development unto the designated sites, which have therefore not been assessed further. More information on the designated sites and their designated features can be found in Appendix 8.1: Habitat and Protected Species Survey Report. Both Irreplaceable and Non-Irreplaceable Habitats were recorded within the Proposed Development. Irreplaceable Habitat is discussed in Annex A.

4.1.3 The BU have been calculated within separate toolkits for the Non-Irreplaceable Habitats separated by local authority area. This section should be read in conjunction with the toolkits which provide full details of habitat extents and biodiversity values. Toolkits can be found in Annex E. The tables below provide a summary of the toolkits and have grouped the assessment into broad habitat types to inform likely compensation requirements.

4.2 The Highland Council Area

4.2.1 Within The Highland Council area habitats impacted by the Proposed Development, including all temporary and permanent footprint but excluding habitats which are not impacted as outlined in the assumption and limitation section, comprise of a total of 241.85 ha of area habitat types and 0.72 km of linear habitats.

Biodiversity baseline

4.2.2 The section of the Proposed Development located within The Highland Council area is primarily composed of coniferous plantation of low biodiversity value[30], as well as large areas of broadleaved and mixed woodland, modified grassland, cropland, and heathland. Further habitats recorded include high distinctiveness grasslands, such as neutral grassland. The section contains linear habitats in the form of line of trees and hedgerows. A complete visual representation of baseline habitat recorded within, and in proximity to, the Proposed Development can be seen in Figure 8.1.2: UK Habitat Survey Results.

4.2.3 The total BU baseline value of Non-Irreplaceable Habitat within The Highland Council area is 1566.82 BU, which comprises 10.44 % high, 50.26 % medium, 36.51 % low and 2.80 % very low distinctiveness area type habitats within the toolkit. The total baseline value for the linear habitats within The Highland Council area is 4.72 LU (H), which comprises 66.69 % low and 30.31 % medium distinctiveness habitats.

[30] Referring to both distinctiveness and condition

Post Development Biodiversity

4.2.4 Post Development area-based habitats have been calculated to comprise primarily of bracken, modified grassland, and mixed scrub as they are anticipated to naturally colonise the formerly wooded areas within the Operational Corridor. Other frequent habitat includes urban features relating to the permanent access tracks, bellmouths, and tower feet as well as smaller areas of cropland, heathland, and blanket bog and other parcels of habitat described in Table 4a. All linear habitats would be lost and therefore do not feature in the post development habitats.

4.2.5 The total post development BU value of Non-Irreplaceable Habitat within The Highland Council area, would be 623.87 BU, which comprises 4.23 % high, 37.24 % medium, 47.21 % low, and 11.31 % very low distinctiveness habitats within the toolkit.

4.2.6 The total LU (H) post development value for the Proposed Development is anticipated to be 0.00 BU.

4.2.7 Overall, a net loss of 60 % in BU and 100 % in LU (H) is predicted across The Highland Council area for Non-Irreplaceable Habitats.

4.2.8 In order to achieve a 10 % Net Gain across the Proposed Development within The Highland Council area 1099.63 BU and 5.19 LU (H) additional units must be created through off-site compensation.

4.2.9 Table 4a presents a summary of the Non-Irreplaceable Habitats within The Highland Council area impacted by the Proposed Development.

Table 4a: Summary of Non-Irreplaceable Habitats within the Boundary of The Highland Council Area

Area Habitat Type	Baseline Area (Ha)	Baseline (BU)	Post Development Area (Ha)	Post Development (BU)	Change in BU	% Change in BU
Bracken	0.26	1.04	89.65	340.81	339.77	+32670.2
Medium and high distinctiveness woodland: broadleaved, mixed , and pine.	130.03	1124.45.12	0	0	-1124.45	-100.00
Low distinctiveness coniferous woodland	59.13	136.36	0	0	-136.36	-100.00
Cropland	8.46	16.92	8.17	13.68	-3.24	-19.15
Heathland	11.55	175.18	7.06	31.12	-144.06	-82.23
High distinctiveness grassland	4.35	58.59	3.04	26.96	-31.63	-53.98
Low distinctiveness grassland	17.29	35.60	59.60	110.46	74.86	+210.28
Scrub	2.89	12.80	46.33	98.99	+86.19	+673.36
Urban	7.28	0.00	27.43	0.00	0.00	0.00

Wetland	0.60	6.09	0.56	1.86	-4.23	-69.45
Total: Area habitat types	241.85	1537.98	241.85	623.87	-914.10	-59.43[31]
Linear Hedgerow Habitat Type	Baseline Length (km)	Baseline LU (H)	Post Development Length (km)	Post Development LU (H)	Change in LU (H)	% Change in LU (H)
Line of Trees	0.67	4.30	0	0	-4.30	-100.00
Hedgerow	0.06	0.41	0	0	-0.41	-100.00
Total: Linear hedgerow habitat types	0.72	4.72	0	0	-4.72	-100.00

4.3 The Moray Council Area

4.3.1 One section within the Moray Council area located in the Kellas estate has two alignment options, a Kellas Standard Alignment, which is currently favoured, and an Alternative Alignment, which was provided to understand if blanket bog impact can be reduced by diverting the Proposed Development further north within the Kellas estate. The results are presented in two separate toolkits and result sections for the Moray Council area comparing the biodiversity value within the Moray Council Area with the Standard Alignment to the biodiversity value of the Moray Council Area with the Alternative Alignment. The Proposed Development will choose between either option. In terms of biodiversity value, the difference between the options is negligible and therefore alignment selection is unlikely to have an impact upon biodiversity value.

4.4 The Moray Council Area (Kellas Standard Alignment)

4.4.1 Within the Moray Council area habitats impacted by the Proposed Development, including all temporary and permanent footprint but excluding habitats which are not impacted as outlined in the assumption and limitation section, comprise of a total of 251.88 ha of area habitat types and 0.42 km linear habitats.

Biodiversity baseline:

4.4.2 The section located within the Moray Council area is primarily composed of coniferous plantation of low biodiversity value, large areas of broadleaved and mixed woodland, low distinctiveness (modified) grassland, cropland, and heathland. Further habitats recorded included high distinctiveness grasslands (upland calcareous, upland acid and neutral), high distinctiveness blanket bog (in poor condition and therefore not classed as irreplaceable) and other wetland habitats of medium and high distinctiveness. The section of the Proposed Development located within the Moray Council area contains linear habitats in the form of lines of trees and native hedgerows. A complete visual representation of baseline habitat recorded within and in proximity to the Proposed Development can be seen in Figure 8.1.2: UK Habitat Survey Results.

[31] Reported as -59% Net Loss in BU

4.4.3 The total BU baseline value within the Proposed Development of Non-Irreplaceable Habitat within the Moray Council area is 1084.73 BU, which comprises 6.46 % high, 23.94 % medium, 68.61 % low and 0.99 % very low distinctiveness area type habitats within the toolkit. The total baseline value for the linear habitats within the Moray Council area is 1.89 LU (H), which comprises 100% low distinctiveness habitats.

Post Development Biodiversity:

4.4.4 Post development area-based habitats would comprise predominantly of bracken, modified grassland, and mixed scrub as they are anticipated to naturally colonise the formerly wooded areas within the Operational Corridor. Other frequent habitat includes urban features relating to the permanent access tracks, bellmouths, and tower feet as well as smaller areas of cropland, heathland, and blanket bog and other parcels of habitat described in Table 4b. All linear habitats would be lost and therefore do not feature in the post development habitats.

4.4.5 The total post development BU value for the Proposed Development of Non-Irreplaceable Habitat within the Moray Council area, would be 668.57 BU, which comprises 4.66 % high, 38.74 % medium, 48.80 % low, and 7.80 % very low distinctiveness habitats within the toolkit.

4.4.6 The total LU (H) post development value for the Proposed Development is anticipated to be 0.00 BU.

4.4.7 Overall, a net loss of 38 % in BU and 100 % in LU (H) is predicted across the Moray Council area for Non-Irreplaceable Habitats.

4.4.8 To achieve a 10% Net Gain within the Moray Council area 524.63 BU and 2.08 LU (H) additional units must be created through off-site compensation.

4.4.9 Table 4b presents a summary of the Non-Irreplaceable Habitats within the Moray Council area impacted by the Proposed Development.

Table 4b: Summary of Non-Irreplaceable Habitats within the Boundary of the Moray Council Area

Area Habitat Type	Baseline Area (Ha)	Baseline BU	Post Development Area (Ha)	Post Development BU	Change in BU	% Change in BU
Bracken	0.00	0.00	97.14	370.06	+370.06	N / a
Medium and high distinctiveness woodland: broadleaved, mixed, and pine.	62.16	526.96	0.00	0.00	-526.96	-100.00
Low distinctiveness coniferous woodland	140.15	280.30	0.00	0.00	-280.30	-100.00
Cropland	12.44	24.88	10.92	18.30	-6.58	-26.44
Heathland	8.72	153.32	7.05	31.06	-122.26	-79.47
High distinctiveness grassland	4.17	44.36	3.62	26.55	-17.81	-40.14
Low distinctiveness grassland	19.63	40.54	65.06	120.57	+80.03	+197.41
Scrub	0.54	2.33	46.91	98.62	+96.29	+4132.62
Urban	2.54	0	19.68	0.00	0.00	0.00
Wetland	1.52	12.05	1.49	3.42	-8.63	-71.61
Total: Area habitat types	251.88	1084.73	251.87	668.57	-416.16	-38.36[32]
Linear Hedgerow Habitat Type	Baseline Length (km)	Baseline LU (H)	Post Development Length (km)	Post Development LU (H)	Change in LU (H)	% Change in LU (H)
Line of Trees	0.33	1.52	0.00	0.00	-1.52	-100.00
Hedgerow	0.08	0.37	0.00	0.00	-0.37	-100.00
Total: Linear hedgerow habitat types	0.41	1.89	0.00	0.00	-1.89	-100.00

[32] Reported as -38% Net Loss in BU

4.5 The Moray Council Area (Kellas Alternative Alignment)

4.5.1 Within the Moray Council area habitats impacted by the Proposed Development, including all temporary and permanent footprint but excluding habitats which are not impacted as outlined in the assumption and limitation section, comprise of a total of 252.56 ha of area habitat types and 0.42 km linear habitats.

Biodiversity Baseline:

4.5.2 The section located within the Moray Council area is primarily composed of coniferous plantation of low biodiversity value, large areas of broadleaved and mixed woodland, low distinctiveness (modified) grassland, cropland, and heathland. Further habitats recorded included high distinctiveness grasslands (upland calcareous, upland acid and neutral), high distinctiveness blanket bog (in poor condition and therefore not classed as irreplaceable) and other wetland habitats of medium and high distinctiveness. The section of the Proposed Development located within the Moray Council area contains linear habitats in the form of lines of trees and native hedgerows. A complete visual representation of baseline habitat recorded within and in proximity to the Proposed Development can be seen in Figure 8.1.2: UK Habitat Survey Results.

4.5.3 The total BU baseline value within the Proposed Development of Non-Irreplaceable Habitat within the Moray Council area is 1082.90 BU, which comprises 6.47 % high, 24.23 % medium, 68.31 % low and 0.99 % very low distinctiveness area type habitats within the toolkit. The total baseline value for the linear habitats within the Moray Council area is 1.89 LU (H), which comprises 100% low distinctiveness habitats.

Post Development Biodiversity:

4.5.4 Post development area-based habitats would comprise predominantly of bracken, modified grassland, and mixed scrub as they are anticipated to naturally colonise the formerly wooded areas within the Operational Corridor. Other frequent habit includes urban features relating to the permanent access tracks, bellmouths, and tower feet as well as smaller areas of cropland, heathland, and blanket bog and other parcels of habitat described in Table 4b. All linear habitats would be lost and therefore do not feature in the post development habitats.

4.5.5 The total post development BU value for the Proposed Development of Non-Irreplaceable Habitat within the Moray Council area, would be 661.32 BU, which comprises 3.99 % high, 38.48 % medium, 49.46 % low, and 8.07 % very low distinctiveness habitats within the toolkit.

4.5.6 The total LU (H) post development value for the Proposed Development is anticipated to be 0.00 BU.

4.5.7 Overall, a net loss of 39 % in BU and 100 % in LU (H) is predicted across the Moray Council area for Non-Irreplaceable Habitats.

4.5.8 To achieve a 10% Net Gain within the Moray Council area 529.87BU and 2.08 LU (H) additional units must be created through off-site compensation.

4.5.9 Table 4c presents a summary of the Non-Irreplaceable Habitats within the Moray Council area impacted by the Proposed Development.

Table 4c: Summary of Non-Irreplaceable Habitats within the Boundary of the Moray Council Area (Kellas Alternative Alignment)

Area Habitat Type	Baseline Area (Ha)	Baseline BU	Post Development Area (Ha)	Post Development BU	Change in BU	% Change in BU
Bracken	0.00	0.00	96.75	368.57	+368.57	N / a
Medium and high distinctiveness woodland: broadleaved, mixed, and pine	63.06	535.25	0.00	0.00	-535.25	-100.00
Low distinctiveness coniferous woodland	139.11	278.20	0.00	0.00	-278.20	-100.00
Cropland	12.44	24.88	10.92	18.30	-6.58	-26.45
Heathland	7.89	135.86	5.01	19.09	-116.77	-85.95
High distinctiveness grassland	5.07	51.04	4.01	29.02	-22.02	-43.14
Low distinctiveness grassland	20.07	43.18	65.04	120.48	77.30	179.02
Scrub	0.58	2.46	48.71	102.44	+99.98	+4064.23
Urban	2.82	0.00	20.62	0.00	0.00	0.00
Wetland	1.52	12.05	1.49	3.42	-8.63	-71.62
Total: Area habitat types	252.56	1083.40	252.56	661.32	-422.08	-38.95[33]
Linear Hedgerow Habitat Type	Baseline Length (km)	Baseline LU (H)	Post Development Length (km)	Post Development LU (H)	Change in LU (H)	% Change in LU (H)
Line of Trees	0.33	1.52	0.00	0.00	-1.52	-100.00
Hedgerow	0.08	0.37	0.00	0.00	-0.37	-100.00
Total: Linear hedgerow habitat types	0.41	1.89	0.00	0.00	-1.89	-100.00

[33] Reported as -39% Net Loss in BU

4.6 The Aberdeenshire Council Area

4.6.1 Within the Aberdeenshire Council area habitats impacted by the Proposed Development, including all temporary and permanent footprint but excluding habitats which are not impacted as outlined in the assumption and limitation section, comprise of a total of 144.51 ha of area habitat types and 0.99 km linear habitats.

Biodiversity Baseline:

4.6.2 The section of the Proposed Development located within the Aberdeenshire Council area is primarily composed of cropland and coniferous plantation of low biodiversity value, large areas of low distinctiveness (modified) grassland and broadleaved and mixed woodland. Further habitats recorded include high distinctiveness grasslands such as neutral grassland. The section contains linear habitats in the form of native hedgerows and ornamental non-native hedgerows. A complete visual representation of baseline habitat recorded within and in proximity to the Proposed Development can be seen in Figure 8.1.2: UK Habitat Survey Results.

4.6.3 The total BU baseline value within the Proposed Development of Non-Irreplaceable Habitat within the Aberdeenshire Council area is 433.36 BU, which comprises 1.31 % high, 14.25 % medium, 81.98 % low and 2.46 % very low distinctiveness area type habitats within the toolkit. The total baseline value for the linear habitats within the Aberdeenshire Council area is 4.78 LU (H), which comprises 100 % low distinctiveness habitats.

Post Development Biodiversity:

4.6.4 Frequent Post Development area-based habitats are predominantly bracken, modified grassland, and mixed scrub as they are anticipated to naturally colonise the formerly wooded areas within the Operational Corridor. Other frequent habitat includes cropland and urban features relating to the permanent access tracks, bellmouths, and tower feet as well as other habitats present include areas of heathland and neutral grassland, and other small parcels of habitat described in Table 4c. All linear habitats would be lost and therefore do not feature in the post development habitats.

4.6.5 The total post development BU value of Non-Irreplaceable Habitat within the Aberdeenshire Council area, after the predicted natural habitat regeneration, would be 304.27 BU which comprises 0.84 % high, 20.16 % medium, 72.35 % low, and 6.65 % very low distinctiveness habitats within the toolkit.

4.6.6 The total LU (H) post development value is anticipated to be 0.00 BU.

4.6.7 Therefore, a net loss of -30 % in BU and 100 % in LU (H) is predicted across the Aberdeenshire Council area for Non-Irreplaceable Habitats

4.6.8 In order to achieve a 10% Net Gain across the Proposed Development within the Aberdeenshire Council area 172.43 BU and 5.26 LU (H) additional units must be created through off-site compensation.

4.6.9 Table 4d presents a summary of the Non-Irreplaceable Habitats within the Aberdeenshire Council area impacted by the Proposed Development.

Table 4d: Summary of Non-Irreplaceable Habitats within the Boundary of the Aberdeenshire Council Area

Area Habitat Type	Baseline Area (Ha)	Baseline BU	Post Development Area (Ha)	Post Development (BU)	Change in BU	% Change in BU
Bracken	0	0	28.87	109.48	109.48	N / a
Medium and high distinctiveness woodland: broadleaved, mixed, and pine	20.68	173.54	0	0	-173.54	-100.00
Low distinctiveness coniferous woodland	39.72	79.46	0	0	-79.46	-100.00
Cropland	52.26	104.54	50.26	84.14	-20.40	-19.52
Heathland	0.20	3.04	0.20	0.81	-2.23	-73.36
High distinctiveness grassland	1.35	15.46	1.02	7.99	-7.47	-48.31
Low distinctiveness grassland	26.06	54.82	39.47	70.54	+15.72	+28.68
Scrub	0.06	0.22	14.48	30.27	+30.05	+13659.1
Urban	3.91	0	9.96	0	0.00	0.00
Wetland	0.26	2.29	0.26	1.04	-1.25	-54.58
Total: Area habitat types	14.51	433.36	144.51	304.22	-129.14	-29.80[34]
Linear Hedgerow Habitat Type	Baseline Length (km)	Baseline LU (H)	Post Development Length (km)	Post Development LU (H)	Change in LU (H)	% Change in LU (H)
Hedgerow	0.27	1.47	0	0	-1.47	-100.00
Line of Trees	0.72	3.31	0	0	-3.31	-100.00
Total: Linear hedgerow habitat types	0.99	4.78	0	0	-4.78	-100.00

[34] Reported as -30%

4.7 Off-Site BNG

4.7.1 Off-site habitat creation and enhancement is only required when all options for on-site BNG requirements have been considered, and insufficient on-site opportunities exist. In these circumstances off-site habitat creation and enhancement will be undertaken. Compensation is targeted at delivering biodiversity net gains that are ecologically equivalent in type and condition to the habitats lost. The off-site habitat will be assessed using the Toolkit to take into consideration the existing biodiversity present and aims to maximise benefits for biodiversity in accordance with local and national strategies.

4.7.2 The BU and LU (H) required to achieve the 10% NG from off-site habitat creation is summarised as follows:

- The Highland Council area: 1099.63BU and 5.19 LU (H);
- The Moray Council area (Kellas Standard Alignment): 524.63 BU and 2.07 LU (H);
- The Moray Council area (Kellas Alternative Alignment): 529.87 BU and 2.08 LU (H); and
- The Aberdeenshire Council area: 172.43 BU and 5.26 LU (H).

4.7.3 At the time of writing this report the Applicant has committed to reinstate the temporarily impacted blanket bog within the Proposed Development, as well as providing heathland habitat management for Capercaillie within the Operation Corridor. Further information on habitat management can be found in Annex F: oHMP.

4.7.4 No other commitments have been made for habitat reinstatement within the boundary of the Proposed Development, due to the conflict of securing appropriate habitat restoration projects within the Operational Corridor which requires strict maintenance of vegetation for safety and resilience reasons.

4.7.5 The Applicant will look to secure an appropriate site or sites for bespoke off-site compensation where habitat losses across the project can be addressed. Identified areas for off-site compensation require a blend of woodland, wetland, heathland, grassland, and scrub creation, as well as additional blanket bog restoration. Once restoration areas are identified, and their management is agreed with landowners, a restoration plan will be drafted outlining methodology and monitoring of the identified restoration areas.

4.7.6 More details relating to the Applicant's off-setting strategy can be found in Annex G: SSEN Transmission's Biodiversity Net Gain and Irreplaceable Habitat Off-Site Strategy.

4.8 Recommendations and Conclusions

4.8.1 The Proposed Development would cross a wide range of habitats, from large areas of modified grassland and cropland intercepted by developed land, coniferous and broadleaved woodland, neutral and acid grassland as well as many other species-rich habitats such as upland heathland, blanket bog, scrub, and purple moor-grass and rush pasture. Linear habitat features recorded include hedgerows and lines of trees.

4.8.2 Within the temporary footprint of the Proposed Development the majority of impacted habitat is anticipated to recover naturally. Exceptions to this are woodland, hedgerows, and blanket bog. Hedgerows and blanket bog would require management interventions to facilitate recovery.

4.8.3 Woodland removed within the Operational Corridor or surrounding the access tracks is expected to regenerate into a habitat mosaic of bracken, grassland, and scrub.

4.8.4 Due to the scale and complexity of the Proposed Development, management interventions are restricted to blanket bog and heathland management and therefore off-site compensation is required to ensure the Proposed Development has an overall 10% net gain in biodiversity across all three Council areas, which can be achieved by targeting woodland, grassland, and heathland creation to address the losses. Further information on off-site compensation measures can be found in Annex G of this assessment.

The Highland Council Area

4.8.5 The BNG assessment undertaken identified that the baseline BNG within The Highland Council area was 1566.82 BU and 4.72 LU (H), while the post development BNG is predicted to be 623.87 BU and 0.00 LU (H). Overall, the section of the Proposed Development located within The Highland Council area has a 60 % decrease in BU and a 100% decrease in LU (H) on the on-site biodiversity.

The Moray Council Area (Kellas Standard Alignment)

4.8.6 The baseline BNG within the Moray Council area was 1084.73 BU and 1.89 LU (H), while the post development BNG was 668.57 BU and 0.00 LU (H). Overall, the section of the Proposed Development located within the Moray Council area has a 38 % decrease in BU and a 100% decrease in LU (H) on the on-site biodiversity.

The Moray Council Area (Kellas Alternative Alignment)

4.8.7 The baseline BNG within the Moray Council area was 1082.90 BU and 1.89 LU (H), while the post development BNG was 661.32 BU and 0.00 LU (H). Overall, the section of the Proposed Development located within the Moray Council area has a 39 % decrease in BU and a 100% decrease in LU (H) on the on-site biodiversity.

The Aberdeenshire Council Area

4.8.8 The baseline BNG within the Aberdeenshire Council area was 433.36 BU and 4.78 LU (H), while the post development BNG was 304.27 BU and 0.00 LU (H). Overall, the section of the Proposed Development located within the Aberdeenshire Council area would result in a 30 % decrease in BU and a 100% decrease in LU (H) on the on-site biodiversity.

Annex A Irreplaceable Habitat Supplement

Introduction

Irreplaceable Habitats are habitats which are technically very difficult or impossible to restore, recreate, or replace once destroyed. The applicant considers Irreplaceable Habitats within their network to be classified as ancient woodland (categories 1a & 2a of the Ancient Woodland Inventory (AWI)), individual ancient or veteran trees, and blanket bog or raised bog in good or moderate condition.

The Proposed Development is calculated to impact upon 12.59 ha of Irreplaceable Habitats within The Highland Council area and 4.72 ha within the Moray Council area (Kellas Standard Alignment) or 4.99 ha within the Moray Council area (Kellas Alternative Alignment). There was no Irreplaceable Habitat recorded within the Aberdeenshire Council area.

Irreplaceable Habitat Methodology

The BNG assessment assesses the effect of the Proposed Development on Irreplaceable Habitats separately from Non-Irreplaceable Habitats. The loss and deterioration of Irreplaceable Habitats have been avoided as far as possible, where avoidance was not possible, mitigation has been applied to reduce the effect. Where Irreplaceable Habitats are present on site, the effect of the Proposed Development on Irreplaceable Habitats has not been calculated using the Toolkit as bespoke compensation must be provided for the loss or deterioration of an Irreplaceable Habitat. Therefore, Irreplaceable Habitat losses and deteriorations have been quantified by area in hectares, or number of ancient / veteran trees so the changes can be fully understood, and more habitats can be replaced than was lost to the Proposed Development, in accordance with the Applicant's commitments towards Irreplaceable Habitats.

The Applicant's commitments to Irreplaceable Habitats are to:

- Rigorously follow the mitigation hierarchy and seek to avoid Irreplaceable Habitats wherever possible by recognising these areas as a key environment constraint.
- Ensure all projects record and report on the measures taken to avoid Irreplaceable Habitats.
- Have internal governance procedures in place requiring senior level sign off if projects have an impact on Irreplaceable Habitats.
- Ensure that more Irreplaceable Habitat is restored than is lost.
- Support Irreplaceable Habitat restoration schemes in preference to new habitat creation.

Limitations and Assumptions

To produce this Irreplaceable Habitat assessment, certain limitations and assumptions have been made:

- The location of Irreplaceable Habitat category 1a and 2a ancient woodland was derived from a review of the AWI dataset in combination with professional judgement, applied during the habitat surveys, to determine if the baseline woodland fits the 1a and 2a categories. Additionally, ancient woodland extent was reviewed and corrected where necessary as there were multiple sections marked as ancient woodland within the AWI which have since been transformed into alternative habitat such as livestock pastures, with no remnant woodland characteristics recorded as being present.

- In locations where ancient woodland is indicated on mapping resources, but the woodland has since been felled, and no remnant features of an ancient woodland persist due to the nature of the current land management practices, those areas were not assessed as irreplaceable and instead have been included in the Non-Irreplaceable Habitat toolkit of the respective local authority area.

Results

Baseline Irreplaceable Habitats

Within The Highland Council area, the following were recorded: 1.98 ha blanket bog in good condition, 6.45 ha blanket bog in moderate condition, 3.18 ha category 1a PAWS and 0.97 ha category 2a broadleaved ancient woodland.

Within the Moray Council area (Kellas Standard Alignment), a total of 0.04 ha blanket bog in good and 4.39 ha blanket bog in moderate condition were recorded.

Within the Moray Council area (Kellas Alternative Alignment), a total of 0.01 ha blanket bog in good and 4.69 ha blanket bog in moderate condition were recorded.

As there is no Irreplaceable Habitat within Aberdeenshire Council area, this region will not be considered further within this assessment.

Temporary Impacts to Irreplaceable Habitats

Loss or deterioration to any habitats which are reversible and can return to same extent and ecological condition within two years of the initial impact, can be considered temporary.

As the construction time would be four years, any impact on blanket bog is not considered temporary and therefore cannot be discussed within this section.

Peat storage and subsequent reinstatement of the stored peat is discussed in the Peat Management Plan in Appendix 10.2.

The reinstatement of the peatland vegetation (blanket bog) is discussed in Annex F oHMP which outlines how the losses in biodiversity within Non-Irreplaceable blanket bog are to be addressed and offset.

Retained Irreplaceable Habitats

The Proposed Development would require the removal of all Irreplaceable Habitats that lie within the BNG Study Area, no Irreplaceable Habitats are to be retained although some will be reinstated as described below. The mitigation hierarchy has been strictly applied to the routeing and design process, however given the scale of the Proposed Development and the competing constraints, it has been unavoidable that some areas of IH have been impacted.

Post-development Irreplaceable Habitat Impacts

The effects the Proposed Development would have on Irreplaceable Habitats have been summarised below.

The Highland Council Area

Blanket Bog

Overall, 1.98 ha blanket bog in good condition, and 6.45 ha blanket bog in moderate condition were recorded within The Highland Council area.

In total 1.66 ha of blanket bog would be lost permanently, and 6.77 ha of blanket bog will be reinstated post construction. It is presumed there would be a deterioration in condition from moderate to poor, as it is anticipated that all reinstated blanket bog could only reach poor condition due to the challenges associated with peatland restoration and the scale of the Proposed Development.

Ancient Woodland

Overall, 3.18 ha category 1a PAWS in poor condition and 0.97 ha category 2a broadleaved ancient woodland in moderate condition were recorded within The Highland Council area. All Irreplaceable woodland would be permanently lost to facilitate the Proposed Development within The Highland Council area. Due to the felling requirements within the operational corridor of the OHL, woodland cannot recover and will likely get naturally replaced by a habitat mosaic of modified grassland, scrub, and bracken.

The Moray Council Area (Kellas Standard Alignment)

Blanket Bog

Within the Moray Council area, a total of 0.04 ha blanket bog in good condition and 4.39 ha blanket bog in moderate condition were recorded.

In total 1.40 ha of blanket bog would be permanently lost, and 3.03 ha of blanket bog will be reinstated post construction, again it is anticipated there would be a deterioration in habitat condition from good or moderate to poor as the recovering blanket bog can only reach poor condition due to the challenges associated with peatland restoration and the scale of the Proposed Development.

Ancient woodland

Overall, 0.29 ha category 2a broadleaved ancient woodland in moderate condition were recorded within The Highland Council area. All Irreplaceable woodland would be permanently lost to facilitate the Proposed Development within the Moray Council area. Due to the felling requirements within the operational corridor of the OHL, woodland cannot recover and will likely get naturally replaced by a habitat mosaic of modified grassland, scrub, and bracken.

The Moray Council Area (Kellas Alternative Alignment)

Blanket Bog

Within the Moray Council area, a total of 0.01 ha blanket bog in good condition and 4.69 ha blanket bog in moderate condition were recorded.

In total 1.42 ha of blanket bog would be permanently lost, and 3.29 ha of blanket bog will be reinstated post construction, again it is anticipated there would be a deterioration in habitat condition from good or moderate to poor as the recovering blanket bog can only reach poor condition due to the challenges associated with peatland restoration and the scale of the Proposed Development.

Ancient woodland

Overall, 0.29 ha category 2a broadleaved ancient woodland in moderate condition were recorded within The Highland Council area. All Irreplaceable woodland would be permanently lost to facilitate the Proposed Development within the Moray Council area. Due to the felling requirements within the operational corridor of the OHL, woodland cannot recover and will likely get naturally replaced by a habitat mosaic of modified grassland, scrub, and bracken.

Irreplaceable Habitat Compensation

Off-site bespoke compensation is only required when all options for on-site bespoke biodiversity restoration provision has been explored. If no or insufficient on-site opportunities can be identified, off-site habitat restoration will be undertaken. Bespoke compensation is targeted at delivering enhancements that ensure the same Irreplaceable Habitats lost or deteriorated, are appropriately compensated in line with relevant standing advice.

Blanket Bog

The Applicant is committed to restore a greater extent of Irreplaceable Habitat blanket bog (moderate and good condition) than is permanently lost. Currently the predicted permanent loss of Irreplaceable blanket bog is 1.66 ha across The Highland Council area, 1.4 ha across the Moray Council area (if the Kellas Standard Alignment is used) and 1.42 ha across the Moray Council area (if the Kellas Alternative Alignment is used).

The predicted temporary loss is 6.77 ha across The Highland Council area and 3.03 ha across the Moray Council area (Kellas Standard Alignment) and 3.29 ha across the Moray Council area (Kellas Alternative Alignment), totalling between either 3.06 ha if the standard alignment is chosen, or 3.08 ha if the alternative alignment is chosen within the Moray Council area.

The temporarily lost extent for baseline Good or Moderate condition bogs would be restored in situ to at least poor condition following completion of temporary impact. A further offset restoration will be explored, as discussed in Annex G: SSEN Transmission's biodiversity net gain and irreplaceable habitat off-site strategy for Beauly to Blackhillock to New Deer to Peterhead 400 kV Overhead Line.

An PMP has been prepared for the Proposed Development and is presented in Appendix 10.1: Peat Management Plan. The PMP outlines methods to mitigate the impacts to peat and notes that peat material will be reused and restored within the Proposed Development site itself. The removal and storage of peat will be managed following Scottish Renewables (SR) and Scottish Environmental Protection Agency (SEPA) guidance to preserve original functionality. The implementation of the PMP will apply to areas of blanket bog and inform its potential storage and re-instatement on-site.

This assessment calculated the area of blanket bog subject to indirect (permanent and temporary) impacted. Based on the implementation of the PMP in combination with the GEMP and CEMP and reinstatement of irreplaceable blanket bog to at least Poor condition, no loss of blanket bog area, is predicted from indirect impacts. The reduction in condition between baseline and post development Blanket bog will be addressed through additional blanket bog creation off-site were restoration measures are more likely to be successful as the restoration process can be better facilitated and monitored within designated peatland restoration areas, compared to the smaller localised restoration are present within the footprint of the Proposed Development.

Ancient Woodland

All ancient woodland within the Proposed Development will be permanently lost to facilitate the Proposed Development.

As the Proposed Development would result in the permanent loss of forestry or woodland, the Applicant is committed to making arrangements to provide compensatory planting and enhancements to existing ancient woodlands offsite, thus meeting the Scottish Government's (The Scottish Government's Control of Woodland Removal Policy[32]) no net loss of woodland. The impacts of the Proposed Development on forestry are fully assessed in Chapter 12.1: Forestry. In order to compensate impacts on Irreplaceable Habitats across the Proposed Development the Applicant is committed to finding and securing an appropriate site (s) for bespoke off-site compensation. This is also referred to as off-setting and is discussed further in Annex G: SSEN Transmission's Biodiversity Net Gain and Irreplaceable Habitat Off-Site Strategy.

Irreplaceable Habitat Supplement Summary

The Table A1 summarises the results of the irreplaceable habitat findings as outlined above.

Table A-1: Irreplaceable Habitat

Council Area	Total IH impacted (ha)	Area by Condition (ha)	Permanent blanket bog loss (ha)	Temporary loss (degraded post construction) (ha)	Total AWI (all permanently lost) (ha)
Highland Council	12.59	6.45 (moderate condition) 1.98 (good condition)	1.66	6.77	3.18 category 1a 0.97 category 2a
Moray Council (Kellas Standard Alignment)	4.72	4.39 (moderate condition) 0.04 (good condition)	1.40	3.03	0.29 category 2a
Moray Council (Kellas Alternative Alignment)	4.99	4.69 (moderate condition) 0.01 (good condition)	1.42	3.29	0.29 category 2a

Annex B Approach to Biodiversity Net Gain

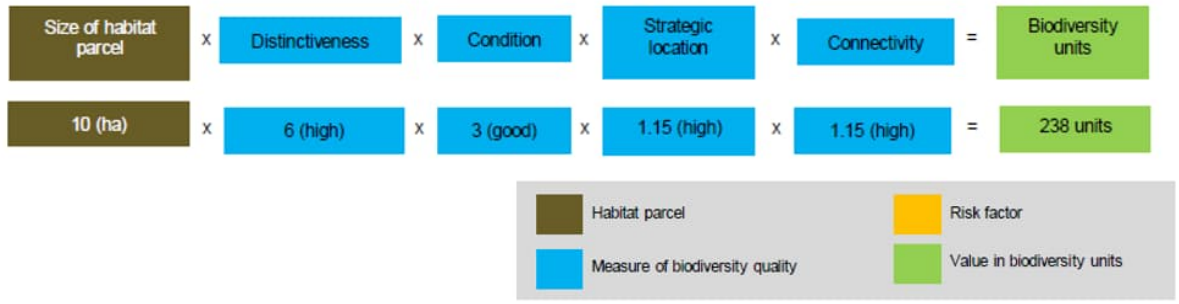
A full BNG Assessment was undertaken for the Proposed Development to quantify the change in biodiversity. The BNG assessment was completed within the Toolkit following the SSEN Transmission Biodiversity Net Gain Toolkit User Guide[35]. This method has been revised to align with Natural England Biodiversity Metric 3.1[36], adapted to reflect the requirements of Scottish habitats.

A habitat survey used to inform the BNG assessment of the Proposed Development was undertaken between April and June 2024 and October and November 2024. The survey was based on the methods described within the UK Habitat Classification User Manual[37].

The baseline multiplication uses the following characteristics of the habitats within the calculation presented in Figure B-1:

- Habitat area (hectares) or length (kilometres)
- Distinctiveness
- Condition
- Connectivity
- Strategic significance (SS)

Figure B-1: Pre-intervention Biodiversity Calculation



Habitat Distinctiveness for the habitats relevant to the project were assigned as per Appendix C, and scored as:

- High = 6
- Medium = 4
- Low = 2
- Very low = 0

Each habitat parcel recorded was assigned a condition score (Good, Moderate, Poor, or N / A) determined by the Natural England Biodiversity Metric 3.1 Habitat Condition Assessment sheets[38] which have been adopted into the Toolkit's methodology.

[35] SSEN Transmission. 2023. TG-NET-ENV-526 Rev 2 - Biodiversity Net Gain Toolkit User Guide.
[36] Natural England. 2022. Biodiversity Metric 3.1. [Online] Available at: Archive Site for Legacy Biodiversity Metrics
[37] UKHab Ltd. 2023. UK Habitat Classification Version 2.0. [Online] Available at: ukhab – UK Habitat Classification
[38] Natural England. 2022. Biodiversity Metric 3.1 Habitat Condition Sheets with Instructions. [Online] Available at: Archive Site for Legacy Biodiversity Metrics

The SSEN Transmission User Guide has adopted the Natural England Beta Biodiversity Metric 2.0 method of assigning connectivity. The connectivity of a habitat parcel is determined based on the distinctiveness of the habitat. High distinctiveness habitats are assigned with a Moderate connectivity multiplier, whereas Moderate and Low distinctiveness habitats are assigned a Low connectivity.

The following scores were assigned for connectivity:

- High = 1.15
- Moderate = 1.1
- Low = 1

Strategic significance scores are measured using relevant local policies, these have been assigned as follows, based on habitats identified to be of local importance:

High = Formally identified in local strategy, plan or policy = 1.15

Medium = Location ecologically desirable but not identified in a local strategy, plan or policy = 1.1

Low = Not identified in a local strategy, plan or policy or no strategy or plan is in place in the area = 1

Data for strategic significance was obtained through a desk-based review of local nature policies:

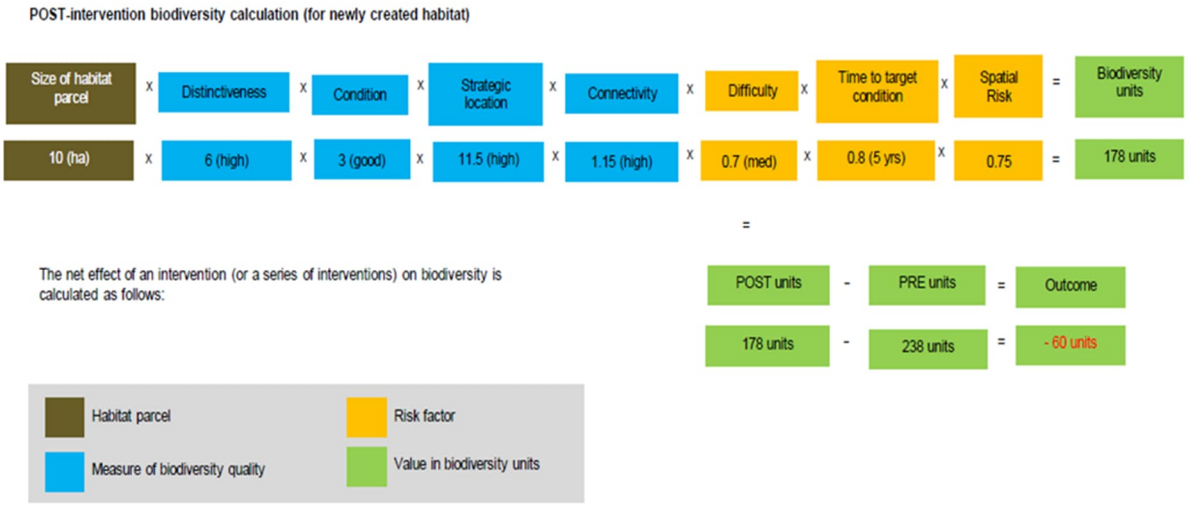
- Information from the Highland Nature Biodiversity Action Plan[39] (BAP), the Aberdeenshire Council's website on nature conservation[40], the Aberdeenshire Council's Forestry and Woodland Strategy[41] and the North East Scotland Biodiversity Partnership: 3 Year Strategic Plan[42] covering both Aberdeenshire Council and Moray Council were obtained to assess the Strategic Significance (SS) scores.
- For The Highland Council area woodlands, line of trees and hedgerows, upland habitat, moorland habitat, wetland, and peatland were assigned high SS, as these are mentioned on the Highland BAP. Widespread upland habitats such as acid grassland or other swamp, neutral grassland, and scrub were assigned medium SS due to their prominent extent in the highland landscape. Furthermore, plantation woodland of non-native species has been assigned low SS due to its limited biodiversity value. Scots pine plantation woodland has been assigned medium SS due to its comparatively higher complexity of vegetation structure and improved ground flora compared to non-native plantation woodland.
- Neither Moray Council nor Aberdeenshire Council have their own BAP. Instead, they have formed the North East Scotland Biodiversity Partnership (NESBiP). Based on the available information within NESBiP's Habitat Statement[43]; fens, upland birchwood, lowland mixed deciduous woodland, wet woodland, upland mixed ash, native pine woodland, and upland heathland were assigned high SS. Blanket bog, while not listed in the Habitat Statement, has been assigned high strategic significance as a priority habitat. Following professional judgement, lowland heathland, other broadleaved, mixed woodland, and native hedgerows and line of trees have been assigned high SS due to the scarcity of these habitats within the highly modified landscape of Aberdeenshire and Moray. Although scrub, acid grassland, and neutral grassland are mentioned within the above Habitat

[39] Highland Environment Forum (2022). Highland Nature Biodiversity Action Plan 2021-2026. Available at: https://www.highlandenvironmentforum.info/biodiversity/action-plan/
[40] Aberdeenshire Council (online). Nature Conservation – Habitats. Available at: https://www.aberdeenshire.gov.uk/environment/natural-heritage/biodiversity/ [accessed: December 2024].
[41] Aberdeenshire Council (2023). Aberdeenshire Forestry and Woodland Strategy: Planning Advice PA2023-01. Available at: http://publications.aberdeenshire.gov.uk/dataset/0ceb7c55-b43d-45c4-a311-798f4bc9fa75/resource/0dc09e1e-a83c-4bfb-bd10-72b7128dbd29/download/pa2023-01---planning-advice---aberdeenshire-forest-and-woodland-strategy-2021.pdf [Accessed: December 2024]
[42] North East Scotland Biodiversity Partnership (2022). North East Scotland Biodiversity Partnership: 3 Year Strategic Plan 2022-2025. [Online]. Available: North East Scotland Biodiversity Partnership (rejigged) (moray.gov.uk)
[43] North East Scotland Biodiversity Partnership (2019) Habitat Statement. Available from: Foreword-and-Introv1.pdf and Important Habitats for Biodiversity in North East Scotland

Statement professional judgement on the complexity and frequency of presence of the habitat within the local landscape was used to reduce their SS to medium.

- All habitats which are not formally identified but ecologically desirable, such as Scots pine plantations, and wetland – other swamps were assigned medium strategic significance.
- All habitats which are neither formally identified nor ecologically desirable such as urban, cropland, non-native plantations, and modified grassland were assigned low strategic significance.

Figure B-2: Post-intervention Biodiversity Calculation



The creation and enhancement of habitats has a delivery risk multiplier assigned to each habitat to represent the difficulty in creating or restoring that habitat. The delivery risk multipliers are taken from the Natural England Biodiversity Metric 3.1 Technical Supplement:

- Very High = 0.1
- High = 0.33
- Medium = 0.67
- Low = 1

Time to target condition scores were assigned based on the Natural England Biodiversity Metric 3.1 Technical Supplement[44], which provides tables with estimated time to target for habitat creating and enhancement and uses the same multipliers. The delay to creation and / or enhancement is added on to the time to target found in the Technical Supplement to account for the Proposed Development timeline.

Table B-1: Time To Target Condition Multiplier

Time to Target Condition			
Time (years)	Multiplier	Time (years)	Multiplier
0	1	17	0.546
1	0.965	18	0.527
2	0.931	19	0.508

[44] Natural England (2022). Biodiversity Metric 3.1 Technical Supplement. [Online] Available at Archive Site for Legacy Biodiversity Metrics: https://publications.naturalengland.org.uk/publication/5850908674228224

Time to Target Condition			
Time (years)	Multiplier	Time (years)	Multiplier
3	0.899	20	0.490
4	0.867	21	0.473
5	0.837	22	0.457
6	0.808	23	0.441
7	0.779	24	0.425
8	0.752	25	0.410
9	0.726	26	0.396
10	0.700	27	0.382
11	0.676	28	0.369
12	0.652	29	0.356
13	0.629	30	0.343
14	0.607	31	0.331
15	0.586	32+	0.320
16	0.566		

Off-site habitat creation and enhancement is only required when all options for on-site BNG requirements have been considered. If no on-site opportunities can be identified, off-site habitat creation and enhancement will be undertaken. The Toolkit has a spatial risk multiplier to encourage off-site compensation work to occur in the locale of the Proposed Development, with reference to Local Planning Authority (LPA) or National Park Authority boundary. The Spatial Risk Categories are displayed below:

- Habitat provides compensation within the local LPA area = 1
- Habitat provides compensation outwith the local LPA but within neighbouring LPA = 0.75
- Habitat provides compensation outwith the local LPA and neighbouring LPAs = 0.5

The same Toolkit was used to calculate the net biodiversity change between the baseline habitats and the post-development habitats.

An impact to a habitat which is reversible and can return to same extent and ecological condition or better within two years of the initial impact, can be considered a temporary impact. Temporary impacts have not been included in the Toolkit calculations as there are no permanent adverse impacts.

Retained habitat are also excluded from the Toolkit as there is no recordable impact.

The Toolkit assesses both the area and linear habitat separately within the same Toolkit. The Toolkit produces a Biodiversity Unit value for the three categories of habitat type: Area Biodiversity Units (BU), Linear Hedgerow Biodiversity Units (LU (H)) and Linear Watercourse Biodiversity Units (LU (W)). These units are not interchangeable.

Where an impact on an Irreplaceable Habitat was unavoidable, the area of loss or deterioration was recorded. This will be detailed within the Appendix A – Irreplaceable Habitat Supplement.

Annex C Assigned UKHab Habitat Distinctiveness

The below outlines all habitats and their corresponding distinctiveness included within this BNG assessment.

Table C-1: Habitats and their Corresponding Distinctiveness

Cropland - Cereal Crops	Low
Cropland - Non-cereal crops	Low
Cropland - Temporary grass and clover leys	Low
Grassland - Bracken	Medium
Grassland - Modified grassland	Low
Grassland - Other neutral grassland	High
Grassland - Upland acid grassland	High
Grassland - Upland calcareous grassland	High
Urban - Built linear features	Very Low
Urban - Developed land; sealed surface	Very Low
Urban - Artificial unvegetated, unsealed surface	Very Low
Urban - Suburban/mosaic of developed/natural surface	Very Low
Heathland and shrub - Gorse scrub	Low
Heathland and shrub - Mixed scrub	Low
Heathland and shrub - Lowland Heathland	High
Heathland and shrub - Upland Heathland	High
Native Hedgerow	Low

Line of Trees (Ecologically Valuable)	Medium
Line of Trees	Low
Wetland - Blanket bog	High
Wetland - Other swamps	Medium
Wetland - Purple moor grass and rush pastures	High
Woodland and forest - Lowland mixed deciduous woodland	high
Woodland and forest - Native pine woodlands	High
Woodland and forest - Upland oakwood	High
Woodland and forest - Wet woodland	High
Woodland and forest – other broadleaved woodland	Medium
Woodland and forest - Upland birchwoods	High
Woodland and forest - Other woodland; mixed	Medium
Woodland and forest – other coniferous woodland	Low
Woodland and forest – other Scots pine woodland	Medium

Annex D Good Practice Principles for Biodiversity Net Gain

The below outlines the Applicants commitment to apply the UK good practice principles for BNG[45] and details on how they can be achieved:

Table D-1: Good Practice Principles for Biodiversity Bet Gain

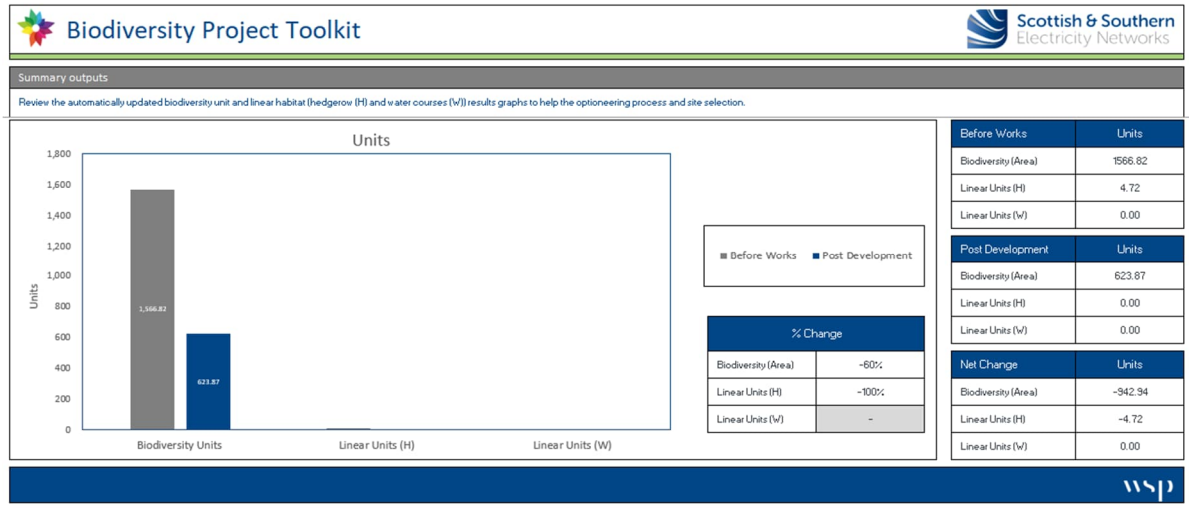
Principle	Summary of Proposed Development actions
Apply the mitigation hierarchy	The mitigation hierarchy has been integrated into the planning and design phases of the Proposed Development, ensuring avoidance, minimisation, and mitigation of impacts on biodiversity.
Avoid losing biodiversity that cannot be offset elsewhere	Where losses to Irreplaceable Habitats cannot be avoided the Applicant shall mitigate losses through off-site habitat enhancement and creation as part of the Proposed Development.
Be inclusive and equitable	Through the EIA process, discussions have been held with statutory bodies and stakeholders to explore and agree approaches for biodiversity. Stakeholder feedback regarding biodiversity is discussed in the EIA Report within Chapters 8: Ecology and Biodiversity and Chapter 9: Ornithology.
Address risk	The blanket bog reinstatement in the areas of temporary loss would follow recognised best practice techniques to minimise the risk of damage to the soils and aid recovering habitats. The oHMP within Annex F of this appendix provides an outline of how habitat restoration can be achieved, which will be supplemented with a detailed HMP for the Proposed Development, in due course. The detailed HMP will include details on monitoring of habitats to ensure they are on track to reach their target condition. Should habitat reinstatement or enhancement be unsuccessful in any location, the detailed HMP will include a feedback loop, to ensure active management is undertaken, and remedial measures are implemented. Additional off-site compensation areas shall be explored to address the remaining Net Loss.
Make a measurable net gain contribution	The Proposed Development is anticipated to achieve a substantial biodiversity loss therefore to meet the principle of making a measurable net gain off-site habitat creation or enhancement is required to meet the Net Gain targets. Off-site compensation areas shall be explored to meet the requirements for NG. The Applicant is expected to identify suitable areas for habitat restoration where habitat losses across the project can get addressed. Identified areas require woodland, wetland, heathland, grassland, and scrub creation as well as additional blanket bog restoration. Once creation and restoration areas are acquired, and their management is agreed with landowners, a creation and restoration plan should be drafted outlining methodology and monitoring. Please refer to Annex G: SSEN Transmission's Biodiversity Net Gain and Irreplaceable Habitat Off-Site Strategy which outlines how The Applicant will approach off-site BNG delivery.
Achieve the best outcomes for biodiversity	The post-development landscape for the Proposed Development would consist of habitats which would naturally regenerate in areas of temporary impact. In order to achieve a measurable net gain, further off-site compensation must target the creation, enhancement, and restoration of a mix of habitats including but not limited to woodland, heathland, grassland, and blanket bog. These habitats shall be designed to provide benefits to the local wildlife population such as breeding and foraging birds, mammals,

[45] CIEEM, CIRIA, IEMA. (2020). C776a. Biodiversity Net Gain: Good Practice Principles for Development, A Practical Guide. Available at: https://cieem.net/resource/biodiversity-net-gain-good-practice-principles-for-development-a-practical-guide/

Principle	Summary of Proposed Development actions
	and invertebrates and contribute positively to the overall ecological value of the surrounding landscape. These habitat restoration and creation measures will be in line with local and national targets. Implementation of a detailed HMP would ensure that proposed on site restoration measures are successfully implemented and Off-Site Landscape Management Plan would address off-site habitat creation and restoration.
Be additional	The BNG Assessment demonstrates that additional positive outcomes would be achieved for biodiversity by achieving the requirement of 10% BNG for area-based and linear habitats through off-site compensation.
Create a net gain legacy	The habitat creation and natural regeneration both on and off-site as part of the Proposed Development would provide long-term benefits by adaptive management planning and dedicated funding for long-term management. Mosaic habitat created bracken, scrub, and low distinctiveness grassland, as a result of felling existing woodland would provide niche habitats for bird and invertebrates, likely to be more beneficial to the local wildlife in those areas were coniferous plantation woodland was removed. Additionally, biodiversity benefits would extend beyond the Proposed Development by providing suitable foraging, resting, breeding habitats for notable or protected species within the habitats identified for off-site compensation.
Optimise sustainability	BNG has been integrated from the start of the initial development design stages with input across multiple disciplines to optimise the sustainability of the final Proposed Development.
Be transparent	The Applicant is keen to ensure that approaches following on from this project are shared to ensure that any lessons learnt through BNG assessment, habitat enhancement / creation and habitat management can be factored into future projects. Opportunities to share information on the Proposed Development and its approach would be sought.

Annex E Toolkits

Figure E-1: Highland Council Non-irreplaceable Habitat Toolkit



Annex E - Table E-1: Highland Council Non-irreplaceable Habitat Toolkit

Biodiversity Project Toolkit

Biodiversity Unit Calculation

Calculate biodiversity and linear (hedgerow (H) and watercourses (W)) units of your site by: (1) establishing the habitat; (2) identifying the condition, connectivity and strategic significance of that habitat, and; (3) entering the hectares (ha) or linear metres (m).

			Before works *(Baseline)*								**Action** *(During Works)*								**After work actions** *(Following Actions)*										**Post development**			**Net change**			
Ref	Calculation Units *(Area / Linear (H/W))*	UK Habitats	Area or Length of Habitat *(ha /km)*	Distinctiveness *Band*	Condition *Rating*	Connectivity *Rating*	Strategic significance *Rating*	Units			Area or Length of Habitat		Biodiversity Units		Linear Units (H)		Linear Units (W)		After work action	UK Habitats	Area or Length of Habitat *(ha /km)*	Distinctiveness *Band*	Target Condition *Rating*	Connectivity *Rating*	Strategic significance *Rating*	Difficulty	Time to target condition *(Years)*	Spatial	Post development units			Net change in units			Notes
								Biodiversity (Area)	Linear (H)	Linear (W)	*Retained*	*Removed*	*Retained*	*Removed*	*Retained*	*Removed*	*Retained*	*Removed*												Biodiversity (Area)	Linear (H)	Linear (W)	Biodiversity (Area)	Linear (H)	Linear (W)	
Project Total								**1566.82**	**4.72**	**0.00**	**0.00**	**242.61**	**0.00**	**1566.82**	**0.00**	**4.72**	**0.00**	**0.00**	***Project Total***										**623.87**	**0.00**	**0.00**	**-942.94**	**-4.72**	**0.00**	
1	UKHab_Linear_H	Native Hedgerow	0.06	Low	Good	Low	High	-	0.41	-	0.00	0.06	-	-	0.00	0.41	-	-											-	0.00	-	-	-0.41	-	
2	UKHab_Linear_H	Line of Trees (Ecologically Valuable)	0.10	Medium	Moderate	Low	High	-	0.92	-	0.00	0.10	-	-	0.00	0.92	-	-											-	0.00	-	-	-0.92	-	
3	UKHab_Linear_H	Line of Trees	0.05	Low	Good	Low	High	-	0.35	-	0.00	0.05	-	-	0.00	0.35	-	-											-	0.00	-	-	-0.35	-	
4	UKHab_Linear_H	Line of Trees	0.38	Low	Moderate	Low	High	-	1.75	-	0.00	0.38	-	-	0.00	1.75	-	-											-	0.00	-	-	-1.75	-	
5	UKHab_Linear_H	Line of Trees (Ecologically Valuable)	0.07	Medium	Moderate	Low	High	-	0.64	-	0.00	0.07	-	-	0.00	0.64	-	-											-	0.00	-	-	-0.64	-	
6	UKHab_Linear_H	Line of Trees (Ecologically Valuable)	0.07	Medium	Moderate	Low	High	-	0.64	-	0.00	0.07	-	-	0.00	0.64	-	-											-	0.00	-	-	-0.64	-	
7	UKHab_Area	Heathland and shrub - Upland Heathland	1.58	High	Moderate	Moderate	High	23.98	-	-	0.00	1.58	0.00	23.98	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	1.58	High	Moderate	Moderate	High	Medium	20		7.87	-	-	-16.11	-	-	Layer: Crane pads, no +4TTTC added as haabitat permitted to recover shortly after its is getting distrubed (This will take longer than two years, whichis why this is incldued)
8	UKHab_Area	Heathland and shrub - Gorse scrub	0.31	Low	Moderate	Low	Medium	1.36	-	-	0.00	0.31	0.00	1.36	-	-	-	-	Creation	Heathland and shrub - Gorse scrub	0.31	Low	Moderate	Low	Medium	Low	5		1.14	-	-	-0.22	-	-	Layer: Crane pads, no +4TTTC added as haabitat permitted to recover shortly after its is getting distrubed (This will take longer than two years, whichis why this is incldued)
9	UKHab_Area	Heathland and shrub - Mixed scrub	0.06	Low	Moderate	Low	Medium	0.26	-	-	0.00	0.06	0.00	0.26	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.06	Low	Moderate	Low	Medium	Low	5		0.22	-	-	-0.04	-	-	Layer: Crane pads, no +4TTTC added as haabitat permitted to recover shortly after its is getting distrubed (This will take longer than two years, whichis why this is incldued)
10	UKHab_Area	Heathland and shrub - Upland Heathland	4.29	High	Moderate	Moderate	High	65.12	-	-	0.00	4.29	0.00	65.12	-	-	-	-	Creation	Urban - Developed land; sealed surface	4.29	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-65.12	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
11	UKHab_Area	Urban - Built linear features	3.32	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	3.32	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	3.32	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
12	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	2.27	Medium	Moderate	Low	Medium	19.98	-	-	0.00	2.27	0.00	19.98	-	-	-	-	Creation	Urban - Developed land; sealed surface	2.27	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-19.98	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
13	UKHab_Area	Grassland - Modified grassland	1.91	Low	Poor	Low	Low	3.82	-	-	0.00	1.91	0.00	3.82	-	-	-	-	Creation	Urban - Developed land; sealed surface	1.91	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-3.82	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
14	UKHab_Area	Woodland and forest - Other coniferous woodland	1.78	Low	Poor	Low	Low	3.56	-	-	0.00	1.78	0.00	3.56	-	-	-	-	Creation	Urban - Developed land; sealed surface	1.78	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-3.56	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
15	UKHab_Area	Urban - Developed land; sealed surface	1.36	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	1.36	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	1.36	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
16	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	1.03	Medium	Poor	Low	Medium	4.53	-	-	0.00	1.03	0.00	4.53	-	-	-	-	Creation	Urban - Developed land; sealed surface	1.03	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-4.53	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
17	UKHab_Area	Heathland and shrub - Gorse scrub	0.89	Low	Moderate	Low	Medium	3.92	-	-	0.00	0.89	0.00	3.92	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.89	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-3.92	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
18	UKHab_Area	Woodland and forest - Upland birchwoods	0.70	Medium	Moderate	Low	High	6.44	-	-	0.00	0.70	0.00	6.44	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.70	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-6.44	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
19	UKHab_Area	Grassland - Other neutral grassland	0.59	High	Moderate	Moderate	Medium	8.57	-	-	0.00	0.59	0.00	8.57	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.59	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-8.57	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
20	UKHab_Area	Urban - Artificial unvegetated, unsealed surface	0.57	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.57	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.57	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
21	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.39	Medium	Moderate	Low	High	3.59	-	-	0.00	0.39	0.00	3.59	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.39	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-3.59	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
22	UKHab_Area	Woodland and forest - Other coniferous woodland	0.38	Low	Moderate	Low	Low	1.52	-	-	0.00	0.38	0.00	1.52	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.38	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.52	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
23	UKHab_Area	Woodland and forest - Native pine woodlands	0.34	High	Moderate	Moderate	High	5.16	-	-	0.00	0.34	0.00	5.16	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.34	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-5.16	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
24	UKHab_Area	Grassland - Other neutral grassland	0.27	High	Poor	Moderate	Medium	1.96	-	-	0.00	0.27	0.00	1.96	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.27	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.96	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
25	UKHab_Area	Grassland - Upland acid grassland	0.27	High	Good	Moderate	Medium	5.88	-	-	0.00	0.27	0.00	5.88	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.27	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-5.88	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
26	UKHab_Area	Woodland and forest - Other coniferous woodland	0.24	Low	Poor	Low	Low	0.48	-	-	0.00	0.24	0.00	0.48	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.24	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.48	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
27	UKHab_Area	Heathland and shrub - Mixed scrub	0.22	Low	Moderate	Low	Medium	0.97	-	-	0.00	0.22	0.00	0.97	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.22	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.97	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
28	UKHab_Area	Grassland - Bracken	0.21	Medium	Poor	Low	Low	0.84	-	-	0.00	0.21	0.00	0.84	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.21	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.84	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
29	UKHab_Area	Grassland - Upland acid grassland	0.18	High	Moderate	Moderate	Medium	2.61	-	-	0.00	0.18	0.00	2.61	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.18	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-2.61	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
30	UKHab_Area	Urban - Suburban/mosaic of developed/natural surface	0.17	Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.17	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.17	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
31	UKHab_Area	Heathland and shrub - Lowland Heathland	0.17	High	Moderate	Moderate	High	2.58	-	-	0.00	0.17	0.00	2.58	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.17	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-2.58	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
32	UKHab_Area	Cropland - Cereal Crops	0.14	Low	N/A - Agriculture	Low	Low	0.28	-	-	0.00	0.14	0.00	0.28	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.14	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.28	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created

Annex E - Table E-1: Highland Council Non-irreplaceable Habitat Toolkit

33	UKHab_Area	Cropland - Cereal Crops	0.13	Low	N/A - Agriculture	Low	Low	0.26	-	-	0.00	0.13	0.00	0.26	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.13	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.26	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
34	UKHab_Area	Urban - Suburban/mosaic of developed/natural surface	0.10	Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.10	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.10	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
35	UKHab_Area	Woodland and forest - Other woodland; mixed	0.06	Medium	Moderate	Low	High	0.55	-	-	0.00	0.06	0.00	0.55	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.06	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.55	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
36	UKHab_Area	Wetland - Other swamps	0.04	Medium	Good	Low	Medium	0.53	-	-	0.00	0.04	0.00	0.53	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.04	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.53	-	-	Layer: Permanent footprint, no +4TTTC added as urban habitat created
37	UKHab_Area	Grassland - Modified grassland	0.03	Low	Poor	Low	Low	0.06	-	-	0.00	0.03	0.00	0.06	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.03	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.06	-	-	Layer: Pile caps, no +4TTTC added as urban habitat created
38	UKHab_Area	Heathland and shrub - Upland Heathland	0.02	High	Moderate	Moderate	High	0.30	-	-	0.00	0.02	0.00	0.30	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.02	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.30	-	-	Layer: Pile caps, no +4TTTC added as urban habitat created
39	UKHab_Area	Woodland and forest - Other coniferous woodland	0.02	Low	Poor	Low	Low	0.04	-	-	0.00	0.02	0.00	0.04	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.02	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.04	-	-	Layer: Pile caps, no +4TTTC added as urban habitat created
40	UKHab_Area	Cropland - Cereal Crops	0.01	Low	N/A - Agriculture	Low	Low	0.02	-	-	0.00	0.01	0.00	0.02	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.02	-	-	Layer: Pile caps, no +4TTTC added as urban habitat created
41	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.01	Medium	Moderate	Low	Medium	0.09	-	-	0.00	0.01	0.00	0.09	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.09	-	-	Layer: Pile caps, no +4TTTC added as urban habitat created
42	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.01	Medium	Moderate	Low	High	0.09	-	-	0.00	0.01	0.00	0.09	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.09	-	-	Layer: Pile caps, no +4TTTC added as urban habitat created
43	UKHab_Area	Woodland and forest - Upland birchwoods	0.01	Medium	Moderate	Low	High	0.09	-	-	0.00	0.01	0.00	0.09	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.09	-	-	Layer: Pile caps, no +4TTTC added as urban habitat created
44	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.01	Medium	Poor	Low	Medium	0.04	-	-	0.00	0.01	0.00	0.04	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.04	-	-	Layer: Pile caps, no +4TTTC added as urban habitat created
45	UKHab_Area	Cropland - Cereal Crops	7.20	Low	N/A - Agriculture	Low	Low	14.40	-	-	0.00	7.20	0.00	14.40	-	-	-	-	Creation	Cropland - Cereal Crops	7.20	Low	N/A - Agriculture	Low	Low	Low	5		12.05	-	-	-2.35	-	-	4 years added, Layer: Temporary footprint
46	UKHab_Area	Cropland - Cereal Crops	0.85	Low	N/A - Agriculture	Low	Low	1.70	-	-	0.00	0.85	0.00	1.70	-	-	-	-	Creation	Cropland - Cereal Crops	0.85	Low	N/A - Agriculture	Low	Low	Low	5		1.42	-	-	-0.28	-	-	4 years added, Layer: Temporary footprint
47	UKHab_Area	Wetland - Purple moor grass and rush pastures	0.14	High	Moderate	Moderate	High	2.13	-	-	0.00	0.14	0.00	2.13	-	-	-	-	Creation	Wetland - Purple moor grass and rush pastures	0.14	High	Moderate	Moderate	High	High	24		0.30	-	-	-1.83	-	-	4 years added, Layer: Temporary footprint
48	UKHab_Area	Wetland - Other swamps	0.33	Medium	Moderate	Low	Medium	2.90	-	-	0.00	0.33	0.00	2.90	-	-	-	-	Creation	Wetland - Other swamps	0.33	Medium	Moderate	Low	Medium	Medium	11		1.32	-	-	-1.59	-	-	4 years added, Layer: Temporary footprint
49	UKHab_Area	Wetland - Other swamps	0.09	Medium	Poor	Low	Medium	0.40	-	-	0.00	0.09	0.00	0.40	-	-	-	-	Creation	Wetland - Other swamps	0.09	Medium	Poor	Low	Medium	Medium	7		0.21	-	-	-0.19	-	-	4 years added, Layer: Temporary footprint
50	UKHab_Area	Wetland - Other swamps	0.01	Medium	Good	Low	Medium	0.13	-	-	0.00	0.01	0.00	0.13	-	-	-	-	Creation	Wetland - Other swamps	0.01	Medium	Moderate	Low	Medium	Medium	11		0.04	-	-	-0.09	-	-	4 years added, Layer: Temporary footprint
51	UKHab_Area	Grassland - Upland acid grassland	0.35	High	Moderate	Moderate	Medium	5.08	-	-	0.00	0.35	0.00	5.08	-	-	-	-	Creation	Grassland - Upland acid grassland	0.35	High	Moderate	Moderate	Medium	Low	14		3.08	-	-	-2.00	-	-	4 years added, Layer: Temporary footprint
52	UKHab_Area	Grassland - Upland acid grassland	0.24	High	Good	Moderate	Medium	5.23	-	-	0.00	0.24	0.00	5.23	-	-	-	-	Creation	Grassland - Upland acid grassland	0.24	High	Moderate	Moderate	Medium	Low	14		2.12	-	-	-3.11	-	-	4 years added, Layer: Temporary footprint
53	UKHab_Area	Grassland - Bracken	0.05	Medium	Poor	Low	Low	0.20	-	-	0.00	0.05	0.00	0.20	-	-	-	-	Creation	Grassland - Bracken	0.05	Medium	Poor	Low	Low	Low	5		0.17	-	-	-0.03	-	-	4 years added, Layer: Temporary footprint
54	UKHab_Area	Woodland and forest - Other coniferous woodland	2.76	Low	Poor	Low	Low	5.52	-	-	0.00	2.76	0.00	5.52	-	-	-	-	Creation	Grassland - Bracken	2.76	Medium	Poor	Low	Low	Low	5		9.24	-	-	3.72	-	-	4 years added, Layer: Temporary footprint
55	UKHab_Area	Woodland and forest - Other coniferous woodland	1.38	Low	Poor	Low	Low	2.76	-	-	0.00	1.38	0.00	2.76	-	-	-	-	Creation	Grassland - Modified grassland	1.38	Low	Poor	Low	Low	Low	5		2.31	-	-	-0.45	-	-	4 years added, Layer: Temporary footprint
56	UKHab_Area	Woodland and forest - Other coniferous woodland	1.38	Low	Poor	Low	Low	2.76	-	-	0.00	1.38	0.00	2.76	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	1.38	Low	Poor	Low	Medium	Low	5		2.54	-	-	-0.22	-	-	4 years added, Layer: Temporary footprint
57	UKHab_Area	Woodland and forest - Other woodland; broadleaved	1.97	Medium	Moderate	Low	High	18.12	-	-	0.00	1.97	0.00	18.12	-	-	-	-	Creation	Grassland - Bracken	1.97	Medium	Poor	Low	Low	Low	5		6.60	-	-	-11.53	-	-	4 years added, Layer: Temporary footprint
58	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.99	Medium	Moderate	Low	High	9.11	-	-	0.00	0.99	0.00	9.11	-	-	-	-	Creation	Grassland - Modified grassland	0.99	Low	Poor	Low	Low	Low	5		1.66	-	-	-7.45	-	-	4 years added, Layer: Temporary footprint
59	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.99	Medium	Moderate	Low	High	9.11	-	-	0.00	0.99	0.00	9.11	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.99	Low	Poor	Low	Medium	Low	5		1.82	-	-	-7.29	-	-	4 years added, Layer: Temporary footprint
60	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	1.86	Medium	Moderate	Low	Medium	16.37	-	-	0.00	1.86	0.00	16.37	-	-	-	-	Creation	Grassland - Bracken	1.86	Medium	Poor	Low	Low	Low	5		6.23	-	-	-10.14	-	-	4 years added, Layer: Temporary footprint
61	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.93	Medium	Moderate	Low	Medium	8.18	-	-	0.00	0.93	0.00	8.18	-	-	-	-	Creation	Grassland - Modified grassland	0.93	Low	Poor	Low	Low	Low	5		1.56	-	-	-6.63	-	-	4 years added, Layer: Temporary footprint
62	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.93	Medium	Moderate	Low	Medium	8.18	-	-	0.00	0.93	0.00	8.18	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.93	Low	Poor	Low	Medium	Low	5		1.71	-	-	-6.47	-	-	4 years added, Layer: Temporary footprint
63	UKHab_Area	Woodland and forest - Upland birchwoods	1.33	Medium	Moderate	Low	High	12.24	-	-	0.00	1.33	0.00	12.24	-	-	-	-	Creation	Grassland - Bracken	1.33	Medium	Poor	Low	Low	Low	5		4.45	-	-	-7.78	-	-	4 years added, Layer: Temporary footprint
64	UKHab_Area	Woodland and forest - Upland birchwoods	0.66	Medium	Moderate	Low	High	6.07	-	-	0.00	0.66	0.00	6.07	-	-	-	-	Creation	Grassland - Modified grassland	0.66	Low	Poor	Low	Low	Low	5		1.10	-	-	-4.97	-	-	4 years added, Layer: Temporary footprint
65	UKHab_Area	Woodland and forest - Upland birchwoods	0.66	Medium	Moderate	Low	High	6.07	-	-	0.00	0.66	0.00	6.07	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.66	Low	Poor	Low	Medium	Low	5		1.22	-	-	-4.86	-	-	4 years added, Layer: Temporary footprint
66	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	1.00	Medium	Poor	Low	Medium	4.40	-	-	0.00	1.00	0.00	4.40	-	-	-	-	Creation	Grassland - Bracken	1.00	Medium	Poor	Low	Low	Low	5		3.35	-	-	-1.05	-	-	4 years added, Layer: Temporary footprint
67	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.50	Medium	Poor	Low	Medium	2.20	-	-	0.00	0.50	0.00	2.20	-	-	-	-	Creation	Grassland - Modified grassland	0.50	Low	Poor	Low	Low	Low	5		0.84	-	-	-1.36	-	-	4 years added, Layer: Temporary footprint
68	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.50	Medium	Poor	Low	Medium	2.20	-	-	0.00	0.50	0.00	2.20	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.50	Low	Poor	Low	Medium	Low	5		0.92	-	-	-1.28	-	-	4 years added, Layer: Temporary footprint
69	UKHab_Area	Woodland and forest - Other coniferous woodland	0.42	Low	Poor	Low	Low	0.84	-	-	0.00	0.42	0.00	0.84	-	-	-	-	Creation	Grassland - Bracken	0.42	Medium	Poor	Low	Low	Low	5		1.41	-	-	0.57	-	-	4 years added, Layer: Temporary footprint

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70	UKHab_Area	Woodland and forest - Other coniferous woodland	0.21	Low	Poor	Low	Low	0.42	-	-	0.00	0.21	0.00	0.42	-	-	-	-	Creation	Grassland - Modified grassland	0.21	Low	Poor	Low	Low	Low	5		0.35	-	-	-0.07	-	-	4 years added, Layer: Temporary footprint
71	UKHab_Area	Woodland and forest - Other coniferous woodland	0.21	Low	Poor	Low	Low	0.42	-	-	0.00	0.21	0.00	0.42	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.21	Low	Poor	Low	Medium	Low	5		0.39	-	-	-0.03	-	-	4 years added, Layer: Temporary footprint
72	UKHab_Area	Woodland and forest - Native pine woodlands	0.28	High	Moderate	Moderate	High	4.25	-	-	0.00	0.28	0.00	4.25	-	-	-	-	Creation	Grassland - Bracken	0.28	Medium	Poor	Low	Low	Low	5		0.94	-	-	-3.31	-	-	4 years added, Layer: Temporary footprint
73	UKHab_Area	Woodland and forest - Native pine woodlands	0.14	High	Moderate	Moderate	High	2.13	-	-	0.00	0.14	0.00	2.13	-	-	-	-	Creation	Grassland - Modified grassland	0.14	Low	Poor	Low	Low	Low	5		0.23	-	-	-1.89	-	-	4 years added, Layer: Temporary footprint
74	UKHab_Area	Woodland and forest - Native pine woodlands	0.14	High	Moderate	Moderate	High	2.13	-	-	0.00	0.14	0.00	2.13	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.14	Low	Poor	Low	Medium	Low	5		0.26	-	-	-1.87	-	-	4 years added, Layer: Temporary footprint
75	UKHab_Area	Woodland and forest - Other coniferous woodland	0.23	Low	Poor	Low	Low	0.46	-	-	0.00	0.23	0.00	0.46	-	-	-	-	Creation	Grassland - Bracken	0.23	Medium	Poor	Low	Low	Low	5		0.77	-	-	0.31	-	-	4 years added, Layer: Temporary footprint
76	UKHab_Area	Woodland and forest - Other coniferous woodland	0.12	Low	Poor	Low	Low	0.24	-	-	0.00	0.12	0.00	0.24	-	-	-	-	Creation	Grassland - Modified grassland	0.12	Low	Poor	Low	Low	Low	5		0.20	-	-	-0.04	-	-	4 years added, Layer: Temporary footprint
77	UKHab_Area	Woodland and forest - Other coniferous woodland	0.12	Low	Poor	Low	Low	0.24	-	-	0.00	0.12	0.00	0.24	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.12	Low	Poor	Low	Medium	Low	5		0.22	-	-	-0.02	-	-	4 years added, Layer: Temporary footprint
78	UKHab_Area	Woodland and forest - Other woodland; mixed	0.11	Medium	Moderate	Low	High	1.01	-	-	0.00	0.11	0.00	1.01	-	-	-	-	Creation	Grassland - Bracken	0.11	Medium	Poor	Low	Low	Low	5		0.37	-	-	-0.64	-	-	4 years added, Layer: Temporary footprint
79	UKHab_Area	Woodland and forest - Other woodland; mixed	0.06	Medium	Moderate	Low	High	0.55	-	-	0.00	0.06	0.00	0.55	-	-	-	-	Creation	Grassland - Modified grassland	0.06	Low	Moderate	Low	Low	Low	5		0.20	-	-	-0.35	-	-	4 years added, Layer: Temporary footprint
80	UKHab_Area	Woodland and forest - Other woodland; mixed	0.06	Medium	Moderate	Low	High	0.55	-	-	0.00	0.06	0.00	0.55	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.06	Low	Moderate	Low	Medium	Low	5		0.22	-	-	-0.33	-	-	4 years added, Layer: Temporary footprint
81	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.08	Medium	Moderate	Low	High	0.74	-	-	0.00	0.08	0.00	0.74	-	-	-	-	Creation	Grassland - Bracken	0.08	Medium	Poor	Low	Low	Low	5		0.27	-	-	-0.47	-	-	4 years added, Layer: Temporary footprint
82	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.04	Medium	Moderate	Low	High	0.37	-	-	0.00	0.04	0.00	0.37	-	-	-	-	Creation	Grassland - Modified grassland	0.04	Low	Moderate	Low	Low	Low	5		0.13	-	-	-0.23	-	-	4 years added, Layer: Temporary footprint
83	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.04	Medium	Moderate	Low	High	0.37	-	-	0.00	0.04	0.00	0.37	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.04	Low	Moderate	Low	Medium	Low	5		0.15	-	-	-0.22	-	-	4 years added, Layer: Temporary footprint
84	UKHab_Area	Woodland and forest - Upland birchwoods	0.08	Medium	Poor	Low	High	0.37	-	-	0.00	0.08	0.00	0.37	-	-	-	-	Creation	Grassland - Bracken	0.08	Medium	Poor	Low	Low	Low	5		0.27	-	-	-0.10	-	-	4 years added, Layer: Temporary footprint
85	UKHab_Area	Woodland and forest - Upland birchwoods	0.04	Medium	Poor	Low	High	0.18	-	-	0.00	0.04	0.00	0.18	-	-	-	-	Creation	Grassland - Modified grassland	0.04	Low	Poor	Low	Low	Low	5		0.07	-	-	-0.12	-	-	4 years added, Layer: Temporary footprint
86	UKHab_Area	Woodland and forest - Upland birchwoods	0.04	Medium	Poor	Low	High	0.18	-	-	0.00	0.04	0.00	0.18	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.04	Low	Poor	Low	Medium	Low	5		0.07	-	-	-0.11	-	-	4 years added, Layer: Temporary footprint
87	UKHab_Area	Woodland and forest - Upland birchwoods	0.01	Medium	Good	Low	High	0.14	-	-	0.00	0.01	0.00	0.14	-	-	-	-	Creation	Grassland - Bracken	0.01	Medium	Poor	Low	Low	Low	5		0.03	-	-	-0.10	-	-	4 years added, Layer: Temporary footprint
88	UKHab_Area	Woodland and forest - Upland birchwoods	0.01	Medium	Good	Low	High	0.14	-	-	0.00	0.01	0.00	0.14	-	-	-	-	Creation	Grassland - Modified grassland	0.01	Low	Moderate	Low	Low	Low	5		0.03	-	-	-0.10	-	-	4 years added, Layer: Temporary footprint
89	UKHab_Area	Woodland and forest - Upland birchwoods	0.01	Medium	Good	Low	High	0.14	-	-	0.00	0.01	0.00	0.14	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.01	Low	Moderate	Low	Medium	Low	5		0.04	-	-	-0.10	-	-	4 years added, Layer: Temporary footprint
90	UKHab_Area	Urban - Suburban/mosaic of developed/natural surface	0.01	Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.01	0.00	0.00	-	-	-	-	Creation	Urban - Suburban/mosaic of developed/natural surface	0.01	Low	N/A - No biodiversity value	Low	Low	Low	5		0.00	-	-	0.00	-	-	4 years added, Layer: Temporary footprint
91	UKHab_Area	Urban - Suburban/mosaic of developed/natural surface	0.01	Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.01	0.00	0.00	-	-	-	-	Creation	Urban - Suburban/mosaic of developed/natural surface	0.01	Low	N/A - No biodiversity value	Low	Low	Low	5		0.00	-	-	0.00	-	-	4 years added, Layer: Temporary footprint
92	UKHab_Area	Urban - Suburban/mosaic of developed/natural surface	0.01	Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.01	0.00	0.00	-	-	-	-	Creation	Urban - Suburban/mosaic of developed/natural surface	0.01	Low	N/A - No biodiversity value	Low	Low	Low	5		0.00	-	-	0.00	-	-	4 years added, Layer: Temporary footprint
93	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.01	Medium	Poor	Low	High	0.05	-	-	0.00	0.01	0.00	0.05	-	-	-	-	Creation	Grassland - Bracken	0.01	Medium	Poor	Low	Low	Low	5		0.03	-	-	-0.01	-	-	4 years added, Layer: Temporary footprint
94	UKHab_Area	Woodland and forest - Other woodland; mixed	0.01	Medium	Poor	Low	High	0.05	-	-	0.00	0.01	0.00	0.05	-	-	-	-	Creation	Grassland - Bracken	0.01	Medium	Poor	Low	Low	Low	5		0.03	-	-	-0.01	-	-	4 years added, Layer: Temporary footprint
95	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.04	Medium	Poor	Low	Medium	0.18	-	-	0.00	0.04	0.00	0.18	-	-	-	-	Creation	Grassland - Bracken	0.04	Medium	Poor	Low	Low	Low	5		0.13	-	-	-0.04	-	-	4 years added, Layer: Temporary footprint
96	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.02	Medium	Poor	Low	Medium	0.09	-	-	0.00	0.02	0.00	0.09	-	-	-	-	Creation	Grassland - Modified grassland	0.02	Low	Poor	Low	Low	Low	5		0.03	-	-	-0.05	-	-	4 years added, Layer: Temporary footprint
97	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.02	Medium	Poor	Low	Medium	0.09	-	-	0.00	0.02	0.00	0.09	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.02	Low	Poor	Low	Medium	Low	5		0.04	-	-	-0.05	-	-	4 years added, Layer: Temporary footprint
98	UKHab_Area	Grassland - Other neutral grassland	1.58	High	Moderate	Moderate	Medium	22.94	-	-	0.00	1.58	0.00	22.94	-	-	-	-	Creation	Grassland - Other neutral grassland	1.58	High	Moderate	Moderate	Medium	Low	9		16.66	-	-	-6.29	-	-	4 years added, Layer: Temporary footprint
99	UKHab_Area	Grassland - Other neutral grassland	0.86	High	Poor	Moderate	Medium	6.24	-	-	0.00	0.86	0.00	6.24	-	-	-	-	Creation	Grassland - Other neutral grassland	0.86	High	Poor	Moderate	Medium	Low	6		5.04	-	-	-1.20	-	-	4 years added, Layer: Temporary footprint
100	UKHab_Area	Grassland - Modified grassland	13.59	Low	Poor	Low	Low	27.18	-	-	0.00	13.59	0.00	27.18	-	-	-	-	Creation	Grassland - Modified grassland	13.59	Low	Poor	Low	Low	Low	5		22.75	-	-	-4.43	-	-	4 years added, Layer: Temporary footprint
101	UKHab_Area	Grassland - Modified grassland	0.26	Low	Good	Low	Low	1.56	-	-	0.00	0.26	0.00	1.56	-	-	-	-	Creation	Grassland - Modified grassland	0.26	Low	Moderate	Low	Low	Low	8		0.78	-	-	-0.78	-	-	4 years added, Layer: Temporary footprint
102	UKHab_Area	Heathland and shrub - Upland Heathland	0.01	High	Moderate	Moderate	High	0.15	-	-	0.00	0.01	0.00	0.15	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	0.01	High	Moderate	Moderate	High	Medium	24		0.04	-	-	-0.11	-	-	4 years added, Layer: Temporary footprint
103	UKHab_Area	Heathland and shrub - Upland Heathland	0.01	High	Moderate	Moderate	High	0.15	-	-	0.00	0.01	0.00	0.15	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	0.01	High	Moderate	Moderate	High	Medium	24		0.04	-	-	-0.11	-	-	4 years added, Layer: Temporary footprint
104	UKHab_Area	Heathland and shrub - Lowland Heathland	0.18	High	Moderate	Moderate	High	2.73	-	-	0.00	0.18	0.00	2.73	-	-	-	-	Creation	Heathland and shrub - Lowland Heathland	0.18	High	Moderate	Moderate	High	High	24		0.38	-	-	-2.35	-	-	4 years added, Layer: Temporary footprint

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105	UKHab_Area	Heathland and shrub - Upland Heathland	5.13	High	Moderate	Moderate	High	77.87	-	-	0.00	5.13	0.00	77.87	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	5.13	High	Moderate	Moderate	High	Medium	24		22.17	-	-	-55.70	-	-	4 years added, Layer: Temporary footprint
106	UKHab_Area	Heathland and shrub - Gorse scrub	0.95	Low	Moderate	Low	Medium	4.18	-	-	0.00	0.95	0.00	4.18	-	-	-	-	Creation	Heathland and shrub - Gorse scrub	0.95	Low	Moderate	Low	Medium	Low	9		3.03	-	-	-1.15	-	-	4 years added, Layer: Temporary footprint
107	UKHab_Area	Heathland and shrub - Mixed scrub	0.18	Low	Moderate	Low	Medium	0.79	-	-	0.00	0.18	0.00	0.79	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.18	Low	Moderate	Low	Medium	Low	9		0.57	-	-	-0.22	-	-	4 years added, Layer: Temporary footprint
108	UKHab_Area	Urban - Developed land; sealed surface	0.05	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.05	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.05	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Layer: Temporary footprint, no +4TTTC added as urban habitat
109	UKHab_Area	Urban - Artificial unvegetated, unsealed surface	0.12	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.12	0.00	0.00	-	-	-	-	Creation	Urban - Artificial unvegetated, unsealed surface	0.12	Very Low	N/A - No biodiversity value	Low	Low	Low	5		0.00	-	-	0.00	-	-	4 years added, Layer: Temporary footprint
110	UKHab_Area	Urban - Suburban/mosaic of developed/natural surface	0.03	Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.03	0.00	0.00	-	-	-	-	Creation	Urban - Suburban/mosaic of developed/natural surface	0.03	Low	N/A - No biodiversity value	Low	Low	Low	5		0.00	-	-	0.00	-	-	4 years added, Layer: Temporary footprint
111	UKHab_Area	Urban - Built linear features	0.38	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.38	0.00	0.00	-	-	-	-	Creation	Urban - Built linear features	0.38	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Layer: Temporary footprint, no +4TTTC added as urban habitat
112	UKHab_Area	Urban - Suburban/mosaic of developed/natural surface	0.03	Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.03	0.00	0.00	-	-	-	-	Creation	Urban - Suburban/mosaic of developed/natural surface	0.03	Low	N/A - No biodiversity value	Low	Low	Low	5		0.00	-	-	0.00	-	-	4 years added, Layer: Temporary footprint
113	UKHab_Area	Woodland and forest - Other coniferous woodland	17.88	Low	Poor	Low	Low	35.76	-	-	0.00	17.88	0.00	35.76	-	-	-	-	Creation	Grassland - Bracken	17.88	Medium	Poor	Low	Low	Low	1		69.02	-	-	33.26	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
114	UKHab_Area	Woodland and forest - Other coniferous woodland	8.94	Low	Poor	Low	Low	17.88	-	-	0.00	8.94	0.00	17.88	-	-	-	-	Creation	Grassland - Modified grassland	8.94	Low	Poor	Low	Low	Low	1		17.25	-	-	-0.63	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
115	UKHab_Area	Woodland and forest - Other coniferous woodland	8.94	Low	Poor	Low	Low	17.88	-	-	0.00	8.94	0.00	17.88	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	8.94	Low	Poor	Low	Medium	Low	1		18.98	-	-	1.10	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
116	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	15.86	Medium	Moderate	Low	Medium	139.57	-	-	0.00	15.86	0.00	139.57	-	-	-	-	Creation	Grassland - Bracken	15.86	Medium	Poor	Low	Low	Low	1		61.22	-	-	-78.35	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
117	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	7.93	Medium	Moderate	Low	Medium	69.78	-	-	0.00	7.93	0.00	69.78	-	-	-	-	Creation	Grassland - Modified grassland	7.93	Low	Poor	Low	Low	Low	1		15.30	-	-	-54.48	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
118	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	7.93	Medium	Moderate	Low	Medium	69.78	-	-	0.00	7.93	0.00	69.78	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	7.93	Low	Poor	Low	Medium	Low	1		16.84	-	-	-52.95	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
119	UKHab_Area	Woodland and forest - Other woodland; broadleaved	12.20	Medium	Moderate	Low	High	112.24	-	-	0.00	12.20	0.00	112.24	-	-	-	-	Creation	Grassland - Bracken	12.20	Medium	Poor	Low	Low	Low	1		47.09	-	-	-65.15	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
120	UKHab_Area	Woodland and forest - Other woodland; broadleaved	6.10	Medium	Moderate	Low	High	56.12	-	-	0.00	6.10	0.00	56.12	-	-	-	-	Creation	Grassland - Modified grassland	6.10	Low	Poor	Low	Low	Low	1		11.77	-	-	-44.35	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
121	UKHab_Area	Woodland and forest - Other woodland; broadleaved	6.10	Medium	Moderate	Low	High	56.12	-	-	0.00	6.10	0.00	56.12	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	6.10	Low	Poor	Low	Medium	Low	1		12.95	-	-	-43.17	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
122	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	9.99	Medium	Poor	Low	Medium	43.96	-	-	0.00	9.99	0.00	43.96	-	-	-	-	Creation	Grassland - Bracken	9.99	Medium	Poor	Low	Low	Low	1		38.56	-	-	-5.39	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
123	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	5.00	Medium	Poor	Low	Medium	22.00	-	-	0.00	5.00	0.00	22.00	-	-	-	-	Creation	Grassland - Modified grassland	5.00	Low	Poor	Low	Low	Low	1		9.65	-	-	-12.35	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
124	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	5.00	Medium	Poor	Low	Medium	22.00	-	-	0.00	5.00	0.00	22.00	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	5.00	Low	Poor	Low	Medium	Low	1		10.62	-	-	-11.39	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
125	UKHab_Area	Woodland and forest - Upland birchwoods	9.89	Medium	Moderate	Low	High	90.99	-	-	0.00	9.89	0.00	90.99	-	-	-	-	Creation	Grassland - Bracken	9.89	Medium	Poor	Low	Low	Low	1		38.18	-	-	-52.81	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
126	UKHab_Area	Woodland and forest - Upland birchwoods	4.94	Medium	Moderate	Low	High	45.45	-	-	0.00	4.94	0.00	45.45	-	-	-	-	Creation	Grassland - Modified grassland	4.94	Low	Poor	Low	Low	Low	1		9.53	-	-	-35.91	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
127	UKHab_Area	Woodland and forest - Upland birchwoods	4.94	Medium	Moderate	Low	High	45.45	-	-	0.00	4.94	0.00	45.45	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	4.94	Low	Poor	Low	Medium	Low	1		10.49	-	-	-34.96	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
128	UKHab_Area	Woodland and forest - Other coniferous woodland	4.30	Low	Moderate	Low	Low	17.20	-	-	0.00	4.30	0.00	17.20	-	-	-	-	Creation	Grassland - Bracken	4.30	Medium	Poor	Low	Low	Low	1		16.60	-	-	-0.60	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
129	UKHab_Area	Woodland and forest - Other coniferous woodland	2.15	Low	Moderate	Low	Low	8.60	-	-	0.00	2.15	0.00	8.60	-	-	-	-	Creation	Grassland - Modified grassland	2.15	Low	Poor	Low	Low	Low	1		4.15	-	-	-4.45	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
130	UKHab_Area	Woodland and forest - Other coniferous woodland	2.15	Low	Moderate	Low	Low	8.60	-	-	0.00	2.15	0.00	8.60	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	2.15	Low	Poor	Low	Medium	Low	1		4.56	-	-	-4.04	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
131	UKHab_Area	Woodland and forest - Native pine woodlands	2.90	High	Moderate	Moderate	High	44.02	-	-	0.00	2.90	0.00	44.02	-	-	-	-	Creation	Grassland - Bracken	2.90	Medium	Poor	Low	Low	Low	1		11.19	-	-	-32.83	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
132	UKHab_Area	Woodland and forest - Native pine woodlands	1.45	High	Moderate	Moderate	High	22.01	-	-	0.00	1.45	0.00	22.01	-	-	-	-	Creation	Grassland - Modified grassland	1.45	Low	Poor	Low	Low	Low	1		2.80	-	-	-19.21	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
133	UKHab_Area	Woodland and forest - Native pine woodlands	1.45	High	Moderate	Moderate	High	22.01	-	-	0.00	1.45	0.00	22.01	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	1.45	Low	Poor	Low	Medium	Low	1		3.08	-	-	-18.93	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
134	UKHab_Area	Woodland and forest - Other coniferous woodland	2.07	Low	Poor	Low	Low	4.14	-	-	0.00	2.07	0.00	4.14	-	-	-	-	Creation	Grassland - Bracken	2.07	Medium	Poor	Low	Low	Low	1		7.99	-	-	3.85	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
135	UKHab_Area	Woodland and forest - Other coniferous woodland	1.03	Low	Poor	Low	Low	2.06	-	-	0.00	1.03	0.00	2.06	-	-	-	-	Creation	Grassland - Modified grassland	1.03	Low	Poor	Low	Low	Low	1		1.99	-	-	-0.07	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
136	UKHab_Area	Woodland and forest - Other coniferous woodland	1.03	Low	Poor	Low	Low	2.06	-	-	0.00	1.03	0.00	2.06	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	1.03	Low	Poor	Low	Medium	Low	1		2.19	-	-	0.13	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
137	UKHab_Area	Woodland and forest - Other woodland; mixed	1.18	Medium	Moderate	Low	High	10.86	-	-	0.00	1.18	0.00	10.86	-	-	-	-	Creation	Grassland - Bracken	1.18	Medium	Poor	Low	Low	Low	1		4.55	-	-	-6.30	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
138	UKHab_Area	Woodland and forest - Other woodland; mixed	0.59	Medium	Moderate	Low	High	5.43	-	-	0.00	0.59	0.00	5.43	-	-	-	-	Creation	Grassland - Modified grassland	0.59	Low	Poor	Low	Low	Low	1		1.14	-	-	-4.29	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period

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139	UKHab_Area	Woodland and forest - Other woodland; mixed	0.59	Medium	Moderate	Low	High	5.43	-	-	0.00	0.59	0.00	5.43	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.59	Low	Poor	Low	Medium	Low	1		1.25	-	-	-4.18	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
140	UKHab_Area	Woodland and forest - Upland birchwoods	0.72	Medium	Good	Low	High	9.94	-	-	0.00	0.72	0.00	9.94	-	-	-	-	Creation	Grassland - Bracken	0.72	Medium	Poor	Low	Low	Low	1		2.78	-	-	-7.16	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
141	UKHab_Area	Woodland and forest - Upland birchwoods	0.36	Medium	Good	Low	High	4.97	-	-	0.00	0.36	0.00	4.97	-	-	-	-	Creation	Grassland - Modified grassland	0.36	Low	Poor	Low	Low	Low	1		0.69	-	-	-4.27	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
142	UKHab_Area	Woodland and forest - Upland birchwoods	0.36	Medium	Good	Low	High	4.97	-	-	0.00	0.36	0.00	4.97	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.36	Low	Poor	Low	Medium	Low	1		0.76	-	-	-4.20	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
143	UKHab_Area	Woodland and forest - Upland oakwood	0.54	High	Moderate	Moderate	High	8.20	-	-	0.00	0.54	0.00	8.20	-	-	-	-	Creation	Grassland - Bracken	0.54	Medium	Poor	Low	Low	Low	1		2.08	-	-	-6.11	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
144	UKHab_Area	Woodland and forest - Upland oakwood	0.27	High	Moderate	Moderate	High	4.10	-	-	0.00	0.27	0.00	4.10	-	-	-	-	Creation	Grassland - Modified grassland	0.27	Low	Poor	Low	Low	Low	1		0.52	-	-	-3.58	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
145	UKHab_Area	Woodland and forest - Upland oakwood	0.27	High	Moderate	Moderate	High	4.10	-	-	0.00	0.27	0.00	4.10	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.27	Low	Poor	Low	Medium	Low	1		0.57	-	-	-3.53	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
146	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.45	Medium	Moderate	Low	High	4.14	-	-	0.00	0.45	0.00	4.14	-	-	-	-	Creation	Grassland - Bracken	0.45	Medium	Poor	Low	Low	Low	1		1.74	-	-	-2.40	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
147	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.23	Medium	Moderate	Low	High	2.12	-	-	0.00	0.23	0.00	2.12	-	-	-	-	Creation	Grassland - Modified grassland	0.23	Low	Poor	Low	Low	Low	1		0.44	-	-	-1.67	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
148	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.23	Medium	Moderate	Low	High	2.12	-	-	0.00	0.23	0.00	2.12	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.23	Low	Poor	Low	Medium	Low	1		0.49	-	-	-1.63	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
149	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.41	Medium	Poor	Low	High	1.89	-	-	0.00	0.41	0.00	1.89	-	-	-	-	Creation	Grassland - Bracken	0.41	Medium	Poor	Low	Low	Low	1		1.58	-	-	-0.30	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
150	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.20	Medium	Poor	Low	High	0.92	-	-	0.00	0.20	0.00	0.92	-	-	-	-	Creation	Grassland - Modified grassland	0.20	Low	Poor	Low	Low	Low	1		0.39	-	-	-0.53	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
151	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.20	Medium	Poor	Low	High	0.92	-	-	0.00	0.20	0.00	0.92	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.20	Low	Poor	Low	Medium	Low	1		0.42	-	-	-0.50	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
152	UKHab_Area	Woodland and forest - Wet woodland	0.40	High	Moderate	Moderate	High	6.07	-	-	0.00	0.40	0.00	6.07	-	-	-	-	Creation	Grassland - Bracken	0.40	Medium	Poor	Low	Low	Low	1		1.54	-	-	-4.53	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
153	UKHab_Area	Woodland and forest - Wet woodland	0.20	High	Moderate	Moderate	High	3.04	-	-	0.00	0.20	0.00	3.04	-	-	-	-	Creation	Grassland - Modified grassland	0.20	Low	Poor	Low	Low	Low	1		0.39	-	-	-2.65	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
154	UKHab_Area	Woodland and forest - Wet woodland	0.20	High	Moderate	Moderate	High	3.04	-	-	0.00	0.20	0.00	3.04	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.20	Low	Poor	Low	Medium	Low	1		0.42	-	-	-2.61	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
155	UKHab_Area	Woodland and forest - Upland birchwoods	0.22	Medium	Poor	Low	High	1.01	-	-	0.00	0.22	0.00	1.01	-	-	-	-	Creation	Grassland - Bracken	0.22	Medium	Poor	Low	Low	Low	1		0.85	-	-	-0.16	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
156	UKHab_Area	Woodland and forest - Upland birchwoods	0.11	Medium	Poor	Low	High	0.51	-	-	0.00	0.11	0.00	0.51	-	-	-	-	Creation	Grassland - Modified grassland	0.11	Low	Poor	Low	Low	Low	1		0.21	-	-	-0.29	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
157	UKHab_Area	Woodland and forest - Upland birchwoods	0.11	Medium	Poor	Low	High	0.51	-	-	0.00	0.11	0.00	0.51	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.11	Low	Poor	Low	Medium	Low	1		0.23	-	-	-0.27	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
158	UKHab_Area	Woodland and forest - Upland oakwood	0.13	High	Good	Moderate	High	2.96	-	-	0.00	0.13	0.00	2.96	-	-	-	-	Creation	Grassland - Bracken	0.13	Medium	Poor	Low	Low	Low	1		0.50	-	-	-2.46	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
159	UKHab_Area	Woodland and forest - Upland oakwood	0.06	High	Good	Moderate	High	1.37	-	-	0.00	0.06	0.00	1.37	-	-	-	-	Creation	Grassland - Modified grassland	0.06	Low	Poor	Low	Low	Low	1		0.12	-	-	-1.25	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
160	UKHab_Area	Woodland and forest - Upland oakwood	0.06	High	Good	Moderate	High	1.37	-	-	0.00	0.06	0.00	1.37	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.06	Low	Poor	Low	Medium	Low	1		0.13	-	-	-1.24	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
161	UKHab_Area	Woodland and forest - Other woodland; mixed	0.10	Medium	Poor	Low	High	0.46	-	-	0.00	0.10	0.00	0.46	-	-	-	-	Creation	Grassland - Bracken	0.10	Medium	Poor	Low	Low	Low	1		0.39	-	-	-0.07	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
162	UKHab_Area	Woodland and forest - Other woodland; mixed	0.05	Medium	Poor	Low	High	0.23	-	-	0.00	0.05	0.00	0.23	-	-	-	-	Creation	Grassland - Modified grassland	0.05	Low	Poor	Low	Low	Low	1		0.10	-	-	-0.13	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
163	UKHab_Area	Woodland and forest - Other woodland; mixed	0.05	Medium	Poor	Low	High	0.23	-	-	0.00	0.05	0.00	0.23	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.05	Low	Poor	Low	Medium	Low	1		0.11	-	-	-0.12	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
164	UKHab_Area	Woodland and forest - Native pine woodlands	0.10	High	Poor	Moderate	High	0.76	-	-	0.00	0.10	0.00	0.76	-	-	-	-	Creation	Grassland - Bracken	0.10	Medium	Poor	Low	Low	Low	1		0.39	-	-	-0.37	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
165	UKHab_Area	Woodland and forest - Native pine woodlands	0.05	High	Poor	Moderate	High	0.38	-	-	0.00	0.05	0.00	0.38	-	-	-	-	Creation	Grassland - Modified grassland	0.05	Low	Poor	Low	Low	Low	1		0.10	-	-	-0.28	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
166	UKHab_Area	Woodland and forest - Native pine woodlands	0.05	High	Poor	Moderate	High	0.38	-	-	0.00	0.05	0.00	0.38	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.05	Low	Poor	Low	Medium	Low	1		0.11	-	-	-0.27	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
167	UKHab_Area	Woodland and forest - Native pine woodlands	0.06	High	Good	Moderate	High	1.37	-	-	0.00	0.06	0.00	1.37	-	-	-	-	Creation	Grassland - Bracken	0.06	Medium	Poor	Low	Low	Low	1		0.23	-	-	-1.13	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
168	UKHab_Area	Woodland and forest - Native pine woodlands	0.03	High	Good	Moderate	High	0.68	-	-	0.00	0.03	0.00	0.68	-	-	-	-	Creation	Grassland - Modified grassland	0.03	Low	Poor	Low	Low	Low	1		0.06	-	-	-0.63	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
169	UKHab_Area	Woodland and forest - Native pine woodlands	0.03	High	Good	Moderate	High	0.68	-	-	0.00	0.03	0.00	0.68	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.03	Low	Poor	Low	Medium	Low	1		0.06	-	-	-0.62	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
170	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.01	Medium	Good	Low	Medium	0.13	-	-	0.00	0.01	0.00	0.13	-	-	-	-	Creation	Grassland - Bracken	0.01	Medium	Poor	Low	Low	Low	1		0.04	-	-	-0.09	-	-	Layer: Woodland removal, no +4TTTC added as habitats will start regenerating during sonstruction period
171	UKHab_Area	Heathland and shrub - Gorse scrub	0.05	Low	Moderate	Low	Medium	0.22	-	-	0.00	0.05	0.00	0.22	-	-	-	-	Creation	Grassland - Modified grassland	0.05	Low	Poor	Low	Low	Low	5		0.08	-	-	-0.14	-	-	4 years added, Layer: Zone A
172	UKHab_Area	Heathland and shrub - Mixed scrub	0.01	Low	Moderate	Low	Medium	0.04	-	-	0.00	0.01	0.00	0.04	-	-	-	-	Creation	Grassland - Modified grassland	0.01	Low	Poor	Low	Low	Low	5		0.02	-	-	-0.03	-	-	4 years added, Layer: Zone A
173								TBC	TBC	TBC		TBC	TBC	TBC	TBC	TBC	TBC	TBC											TBC	TBC	TBC	TBC	TBC	TBC	Additional Access Route
174	UKHab_Area	Cropland - Cereal Crops	0.01	Low	N/A - Agriculture	Low	Low	0.02	-	-	0.00	0.01	0.00	0.02	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.02	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created
175	UKHab_Area	Cropland - Cereal Crops	0.12	Low	N/A - Agriculture	Low	Low	0.24	-	-	0.00	0.12	0.00	0.24	-	-	-	-	Creation	Cropland - Cereal Crops	0.12	Low	N/A - Agriculture	Low	Low	Low	5		0.20	-	-	-0.04	-	-	Additional Access Route, Temporary Access, 4 years added
176	UKHab_Area	Grassland - Other neutral grassland	0.01	High	Poor	Moderate	Medium	0.07	-	-	0.00	0.01	0.00	0.07	-	-	-	-	Creation	Grassland - Other neutral grassland	0.01	High	Poor	Moderate	Medium	Low	6		0.06	-	-	-0.01	-	-	Additional Access Route, Temporary Access, 4 years added

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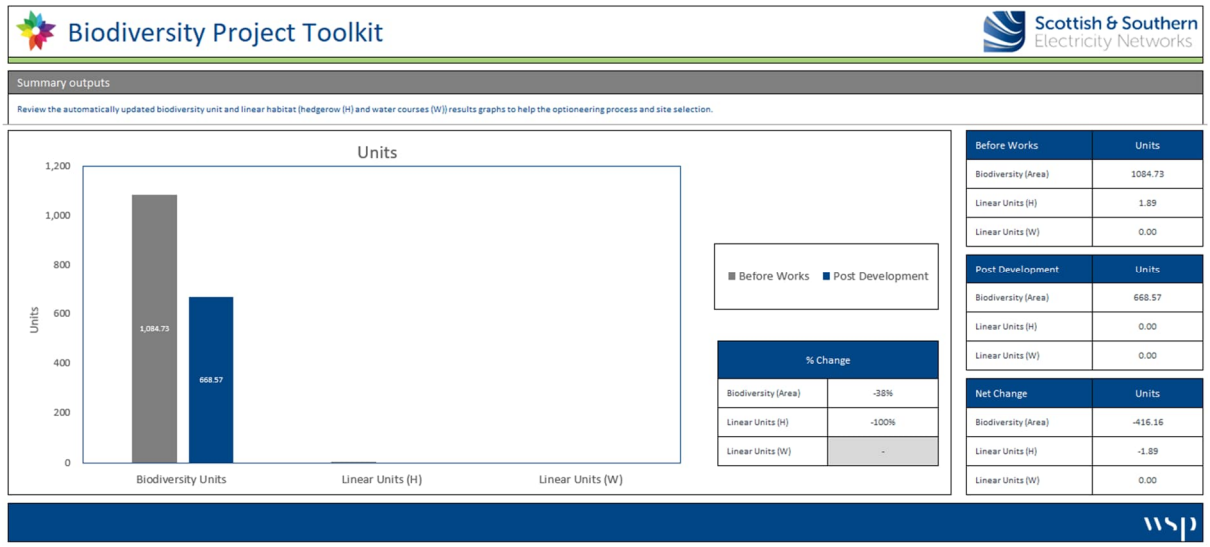
177	UKHab_Area	Grassland - Modified grassland	0.90	Low	Poor	Low	Low	1.80	-	-	0.00	0.90	0.00	1.80	-	-	-	-	Creation	Grassland - Modified grassland	0.90	Low	Poor	Low	Low	Low	5		1.51	-	-	-0.29	-	-	Additional Access Route, Temporary Access, 4 years added
178	UKHab_Area	Grassland - Modified grassland	0.59	Low	Poor	Low	Low	1.18	-	-	0.00	0.59	0.00	1.18	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.59	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.18	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created
179	UKHab_Area	Heathland and shrub - Upland Heathland	0.14	High	Moderate	Moderate	High	2.13	-	-	0.00	0.14	0.00	2.13	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	0.14	High	Moderate	Moderate	High	Medium	24		0.61	-	-	-1.52	-	-	Additional Access Route, Temporary Access, 4 years added
180	UKHab_Area	Heathland and shrub - Upland Heathland	0.01	High	Moderate	Moderate	High	0.15	-	-	0.00	0.01	0.00	0.15	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.15	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created
181	UKHab_Area	Heathland and shrub - Gorse scrub	0.08	Low	Moderate	Low	Medium	0.35	-	-	0.00	0.08	0.00	0.35	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.08	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.35	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created
182	UKHab_Area	Heathland and shrub - Mixed scrub	0.05	Low	Moderate	Low	Medium	0.22	-	-	0.00	0.05	0.00	0.22	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.05	Low	Moderate	Low	Medium	Low	9		0.16	-	-	-0.06	-	-	Additional Access Route, Temporary Access, 4 years added
183	UKHab_Area	Heathland and shrub - Mixed scrub	0.11	Low	Moderate	Low	Medium	0.48	-	-	0.00	0.11	0.00	0.48	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.11	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.48	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created
184	UKHab_Area	Urban - Suburban/mosaic of developed/natural surface	0.16	Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.16	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.16	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created
185	UKHab_Area	Urban - Built linear features	0.97	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.97	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.97	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created
186	UKHab_Area	Woodland and forest - Upland oakwood	0.02	High	Moderate	Moderate	High	0.30	-	-	0.00	0.02	0.00	0.30	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.02	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.30	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created
187	UKHab_Area	Woodland and forest - Wet woodland	0.01	High	Moderate	Moderate	High	0.15	-	-	0.00	0.01	0.00	0.15	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.15	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created
188	UKHab_Area	Woodland and forest - Upland birchwoods	0.12	Medium	Moderate	Low	High	1.10	-	-	0.00	0.12	0.00	1.10	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.12	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.10	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created
189	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.02	Medium	Moderate	Low	High	0.18	-	-	0.00	0.02	0.00	0.18	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.02	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.18	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created
190	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.52	Medium	Moderate	Low	High	4.78	-	-	0.00	0.52	0.00	4.78	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.52	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-4.78	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created
191	UKHab_Area	Woodland and forest - Other woodland; mixed	0.09	Medium	Moderate	Low	High	0.83	-	-	0.00	0.09	0.00	0.83	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.09	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.83	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created
192	UKHab_Area	Woodland and forest - Native pine woodlands	0.01	High	Moderate	Moderate	High	0.15	-	-	0.00	0.01	0.00	0.15	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.15	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created
193	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.25	Medium	Moderate	Low	Medium	2.20	-	-	0.00	0.25	0.00	2.20	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.25	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-2.20	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created
194	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.33	Medium	Poor	Low	Medium	1.45	-	-	0.00	0.33	0.00	1.45	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.33	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.45	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created
195	UKHab_Area	Woodland and forest - Other coniferous woodland	0.08	Low	Poor	Low	Low	0.16	-	-	0.00	0.08	0.00	0.16	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.08	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.16	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created
196	UKHab_Area	Woodland and forest - Other coniferous woodland	1.30	Low	Poor	Low	Low	2.60	-	-	0.00	1.30	0.00	2.60	-	-	-	-	Creation	Urban - Developed land; sealed surface	1.30	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-2.60	-	-	Additional Access Route, Permanent access and no +4TTTC added as urban habitat created

Figure E-2: Moray Council Non-irreplaceable Habitat Toolkit (Kellas Standard Alignment)



Annex E - Table E-3: Moray Council Non-irreplaceable Habitat Toolkit (Kellas Alternative Alignment)

Biodiversity Project Toolkit

Biodiversity Unit Calculation

Calculate biodiversity and linear (hedgerow (H) and watercourses (W)) units of your site by: (1) establishing the habitat; (2) identifying the condition, connectivity and strategic significance of that habitat, and; (3) entering the hectares (ha) or linear metres (m).

	Before works (Baseline)										Action (During Works)								After work actions (Following Actions)											Post development			Net change			
Ref	Calculation Units (Area / Linear (H/W))	UK Habitats	Area or Length of Habitat (ha /km)	Distinctiveness Band	Condition Rating	Connectivity Rating	Strategic significance Rating	Units: Biodiversity (Area)	Units: Linear (H)	Units: Linear (W)	Area or Length of Habitat: Retained	Area or Length of Habitat: Removed	Biodiversity Units: Retained	Biodiversity Units: Removed	Linear Units (H): Retained	Linear Units (H): Removed	Linear Units (W): Retained	Linear Units (W): Removed	After work action	UK Habitats	Area or Length of Habitat (ha /km)	Distinctiveness Band	Target Condition Rating	Connectivity Rating	Strategic significance Rating	Difficulty	Time to target condition (Years)	Spatial	Post development: Biodiversity (Area)	Post development: Linear (H)	Post development: Linear (W)	Net change: Biodiversity (Area)	Net change: Linear (H)	Net change: Linear (W)	Notes
Project Total								**1082.90**	**1.89**	**0.00**	**0.00**	**252.97**	**0.00**	**1082.90**	**0.00**	**1.89**	**0.00**	**0.00**	*Project Total*										**661.32**	**0.00**	**0.00**	**-421.58**	**-1.89**	**0.00**	
1	UKHab_Linear_H	Native Hedgerow	0.08	Low	Moderate	Low	High	-	0.37	-	0.00	0.08	-	-	0.00	0.37	-	-											-	0.00	-	-	-0.37	-	Linear habitats permanently removed
2	UKHab_Linear_H	Line of Trees	0.33	Low	Moderate	Low	High	-	1.52	-	0.00	0.33	-	-	0.00	1.52	-	-											-	0.00	-	-	-1.52	-	Linear habitats permanently removed
3	UKHab_Area	Cropland - Cereal Crops	1.40	Low	N/A - Agriculture	Low	Low	2.80	-	-	0.00	1.40	0.00	2.80	-	-	-	-	Creation	Urban - Developed land; sealed surface	1.40	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-2.80	-	-	permanent footprint, 4 years TTTC added
4	UKHab_Area	Cropland - Cereal Crops	0.03	Low	N/A - Agriculture	Low	Low	0.06	-	-	0.00	0.03	0.00	0.06	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.03	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.06	-	-	Pile caps, no +4 TTTC as urban habitat created
5	UKHab_Area	Cropland - Cereal Crops	9.81	Low	N/A - Agriculture	Low	Low	19.62	-	-	0.00	9.81	0.00	19.62	-	-	-	-	Creation	Cropland - Cereal Crops	9.81	Low	N/A - Agriculture	Low	Low	Low	5		16.42	-	-	-3.20	-	-	Temporary footprint, 4 years TTTC added
6	UKHab_Area	Cropland - Cereal Crops	0.92	Low	N/A - Agriculture	Low	Low	1.84	-	-	0.00	0.92	0.00	1.84	-	-	-	-	Creation	Cropland - Cereal Crops	0.92	Low	N/A - Agriculture	Low	Low	Low	5		1.54	-	-	-0.30	-	-	Temporary footprint, 4 years TTTC added
7	UKHab_Area	Cropland - Temporary grass and clover leys	0.08	Low	N/A - Agriculture	Low	Low	0.16	-	-	0.00	0.08	0.00	0.16	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.08	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.16	-	-	Permanent footprint, no +4TTTC added as urban habitat created
8	UKHab_Area	Cropland - Temporary grass and clover leys	0.20	Low	N/A - Agriculture	Low	Low	0.40	-	-	0.00	0.20	0.00	0.40	-	-	-	-	Creation	Cropland - Temporary grass and clover leys	0.20	Low	N/A - Agriculture	Low	Low	Low	5		0.33	-	-	-0.07	-	-	Temporary footprint, 4 years TTTC added
9	UKHab_Area	Grassland - Modified grassland	3.11	Low	Poor	Low	Low	6.22	-	-	0.00	3.11	0.00	6.22	-	-	-	-	Creation	Urban - Developed land; sealed surface	3.11	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-6.22	-	-	Permanent footprint, no +4TTTC added as urban habitat created
10	UKHab_Area	Grassland - Modified grassland	0.04	Low	Poor	Low	Low	0.08	-	-	0.00	0.04	0.00	0.08	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.04	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.08	-	-	Pile caps, no +4 TTTC as urban habitat created
11	UKHab_Area	Grassland - Modified grassland	16.16	Low	Poor	Low	Low	32.32	-	-	0.00	16.16	0.00	32.32	-	-	-	-	Creation	Grassland - Modified grassland	16.16	Low	Poor	Low	Low	Low	5		27.05	-	-	-5.27	-	-	Temporary footprint, 4 years TTTC added
12	UKHab_Area	Grassland - Modified grassland	0.32	Low	Good	Low	Low	1.92	-	-	0.00	0.32	0.00	1.92	-	-	-	-	Creation	Grassland - Modified grassland	0.32	Low	Moderate	Low	Low	Low	8		0.96	-	-	-0.96	-	-	Temporary footprint, 4 years TTTC added
13	UKHab_Area	Grassland - Other neutral grassland	0.21	High	Poor	Moderate	Medium	1.52	-	-	0.00	0.21	0.00	1.52	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.21	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.52	-	-	Permanent footprint, no +4TTTC added as urban habitat created
14	UKHab_Area	Grassland - Other neutral grassland	0.17	High	Moderate	Moderate	Medium	2.47	-	-	0.00	0.17	0.00	2.47	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.17	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-2.47	-	-	Permanent footprint, no +4TTTC added as urban habitat created
15	UKHab_Area	Grassland - Other neutral grassland	0.01	High	Poor	Moderate	Medium	0.07	-	-	0.00	0.01	0.00	0.07	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.07	-	-	Pile caps, no +4 TTTC as urban habitat created
16	UKHab_Area	Grassland - Other neutral grassland	2.13	High	Poor	Moderate	Medium	15.46	-	-	0.00	2.13	0.00	15.46	-	-	-	-	Creation	Grassland - Other neutral grassland	2.13	High	Poor	Moderate	Medium	Low	6		12.49	-	-	-2.97	-	-	Temporary footprint, 4 years TTTC added
17	UKHab_Area	Grassland - Other neutral grassland	0.99	High	Moderate	Moderate	Medium	14.37	-	-	0.00	0.99	0.00	14.37	-	-	-	-	Creation	Grassland - Other neutral grassland	0.99	High	Moderate	Moderate	Medium	Low	9		10.44	-	-	-3.94	-	-	Temporary footprint, 4 years TTTC added
18	UKHab_Area	Grassland - Other neutral grassland	0.10	High	Good	Moderate	Medium	2.18	-	-	0.00	0.10	0.00	2.18	-	-	-	-	Creation	Grassland - Other neutral grassland	0.10	High	Moderate	Moderate	Medium	Low	9		1.05	-	-	-1.12	-	-	Temporary footprint, 4 years TTTC added
19	UKHab_Area	Grassland - Upland calcareous grassland	0.05	High	Moderate	Moderate	Medium	0.73	-	-	0.00	0.05	0.00	0.73	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.05	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.73	-	-	Permanent footprint, no +4TTTC added as urban habitat created
20	UKHab_Area	Grassland - Upland calcareous grassland	0.15	High	Moderate	Moderate	Medium	2.18	-	-	0.00	0.15	0.00	2.18	-	-	-	-	Creation	Grassland - Upland calcareous grassland	0.15	High	Moderate	Moderate	Medium	High	19		0.37	-	-	-1.81	-	-	Temporary footprint, 4 years TTTC added
21	UKHab_Area	Heathland and shrub - Gorse scrub	0.11	Low	Moderate	Low	Medium	0.48	-	-	0.00	0.11	0.00	0.48	-	-	-	-	Creation	Heathland and shrub - Gorse scrub	0.11	Low	Moderate	Low	Medium	Low	5		0.41	-	-	-0.08	-	-	Crane pads, no added 4 year as natural regen during consturciton period
22	UKHab_Area	Heathland and shrub - Gorse scrub	0.19	Low	Moderate	Low	Medium	0.84	-	-	0.00	0.19	0.00	0.84	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.19	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.84	-	-	Permanent footprint, no +4TTTC added as urban habitat created
23	UKHab_Area	Heathland and shrub - Gorse scrub	0.15	Low	Moderate	Low	Medium	0.66	-	-	0.00	0.15	0.00	0.66	-	-	-	-	Creation	Heathland and shrub - Gorse scrub	0.15	Low	Moderate	Low	Medium	Low	9		0.48	-	-	-0.18	-	-	Temporary footprint, 4 years TTTC added
24	UKHab_Area	Heathland and shrub - Gorse scrub	0.02	Low	Poor	Low	Medium	0.04	-	-	0.00	0.02	0.00	0.04	-	-	-	-	Creation	Heathland and shrub - Gorse scrub	0.02	Low	Poor	Low	Medium	Low	5		0.04	-	-	-0.01	-	-	Temporary footprint, 4 years TTTC added
25	UKHab_Area	Heathland and shrub - Gorse scrub	0.01	Low	Moderate	Low	Medium	0.04	-	-	0.00	0.01	0.00	0.04	-	-	-	-	Creation	Grassland - Modified grassland	0.01	Low	Poor	Low	Low	Low	5		0.02	-	-	-0.03	-	-	Zone A 4 year added
26	UKHab_Area	Heathland and shrub - Lowland Heathland	0.06	High	Moderate	Moderate	High	0.91	-	-	0.00	0.06	0.00	0.91	-	-	-	-	Creation	Heathland and shrub - Lowland Heathland	0.06	High	Moderate	Moderate	High	High	20		0.15	-	-	-0.76	-	-	Crane pads, no added 4 year as natural regen during consturciton period
27	UKHab_Area	Heathland and shrub - Lowland Heathland	0.25	High	Moderate	Moderate	High	3.80	-	-	0.00	0.25	0.00	3.80	-	-	-	-	Creation	Heathland and shrub - Lowland Heathland	0.25	High	Moderate	Moderate	High	High	24		0.53	-	-	-3.26	-	-	Temporary footprint, 4 years TTTC added
28	UKHab_Area	Heathland and shrub - Mixed scrub	0.01	Low	Moderate	Low	Medium	0.04	-	-	0.00	0.01	0.00	0.04	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.04	-	-	Permanent footprint, no +4TTTC added as urban habitat created
29	UKHab_Area	Heathland and shrub - Mixed scrub	0.05	Low	Moderate	Low	Medium	0.22	-	-	0.00	0.05	0.00	0.22	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.05	Low	Moderate	Low	Medium	Low	9		0.16	-	-	-0.06	-	-	Temporary footprint, 4 years TTTC added
30	UKHab_Area	Heathland and shrub - Upland Heathland	0.31	High	Moderate	Moderate	High	4.71	-	-	0.00	0.31	0.00	4.71	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	0.31	High	Moderate	Moderate	High	Medium	20		1.54	-	-	-3.16	-	-	Crane pads, no added 4 year as natural regen during consturciton period
31	UKHab_Area	Heathland and shrub - Upland Heathland	0.06	High	Good	Moderate	High	1.37	-	-	0.00	0.06	0.00	1.37	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	0.06	High	Moderate	Moderate	High	Medium	20		0.30	-	-	-1.07	-	-	Crane pads, no added 4 year as natural regen during consturciton period
32	UKHab_Area	Heathland and shrub - Upland Heathland	0.77	High	Moderate	Moderate	High	11.69	-	-	0.00	0.77	0.00	11.69	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.77	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-11.69	-	-	Permanent footprint, no +4TTTC added as urban habitat created
33	UKHab_Area	Heathland and shrub - Upland Heathland	0.10	High	Good	Moderate	High	2.28	-	-	0.00	0.10	0.00	2.28	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.10	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-2.28	-	-	Permanent footprint, no +4TTTC added as urban habitat created
34	UKHab_Area	Heathland and shrub - Upland Heathland	1.38	High	Moderate	Moderate	High	20.95	-	-	0.00	1.38	0.00	20.95	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	1.38	High	Moderate	Moderate	High	Medium	24		5.97	-	-	-14.98	-	-	Temporary footprint, 4 years TTTC added
35	UKHab_Area	Heathland and shrub - Upland Heathland	0.20	High	Good	Moderate	High	4.55	-	-	0.00	0.20	0.00	4.55	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	0.20	High	Moderate	Moderate	High	Medium	24		0.86	-	-	-3.69	-	-	Temporary footprint, 4 years TTTC added
36	UKHab_Area	Urban - Artificial unvegetated, unsealed surface	0.50	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.50	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.50	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Permanent footprint, no +4TTTC added as urban habitat created

Annex E - Table E-3: Moray Council Non-irreplaceable Habitat Toolkit (Kellas Alternative Alignment)

37	UKHab_Area	Urban - Artificial unvegetated, unsealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.01	0.00	0.00	-	-	-	-	Creation	Urban - Artificial unvegetated, unsealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	4		0.00	-	-	0.00	-	-	Temporary footprint, 4 years TTTC added
38	UKHab_Area	Urban - Built linear features	1.20	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	1.20	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	1.20	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Permanent footprint, no +4TTTC added as urban habitat created
39	UKHab_Area	Urban - Built linear features	0.25	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.25	0.00	0.00	-	-	-	-	Creation	Urban - Built linear features	0.25	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Temporary footprint, 4 years TTTC added
40	UKHab_Area	Urban - Developed land; sealed surface	0.41	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.41	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.41	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Permanent footprint, no +4TTTC added as urban habitat created
41	UKHab_Area	Urban - Developed land; sealed surface	0.12	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.12	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.12	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Temporary footprint, 4 years TTTC added
42	UKHab_Area	Urban - Suburban/mosaic of developed/natural surface	0.03	Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.03	0.00	0.00	-	-	-	-	Creation	Urban - Suburban/mosaic of developed/natural surface	0.03	Low	N/A - No biodiversity value	Low	Low	Low	5		0.00	-	-	0.00	-	-	Temporary footfrint final 4 year added
43	UKHab_Area	Wetland - Blanket bog	0.03	High	Poor	Moderate	High	0.23	-	-	0.00	0.03	0.00	0.23	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.03	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.23	-	-	Permanent footprint, no +4TTTC added as urban habitat created
44	UKHab_Area	Wetland - Other swamps	0.42	Medium	Moderate	Low	Medium	3.70	-	-	0.00	0.42	0.00	3.70	-	-	-	-	Creation	Wetland - Other swamps	0.42	Medium	Moderate	Low	Medium	Medium	11		1.67	-	-	-2.02	-	-	Temporary footprint, 4 years TTTC added
45	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.01	Medium	Moderate	Low	High	0.09	-	-	0.00	0.01	0.00	0.09	-	-	-	-	Creation	Grassland - Bracken	0.01	Medium	Poor	Low	Low	Low	5		0.03	-	-	-0.06	-	-	Temporary footprint, 4 years TTTC added
46	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.06	Medium	Moderate	Low	High	0.55	-	-	0.00	0.06	0.00	0.55	-	-	-	-	Creation	Grassland - Bracken	0.06	Medium	Poor	Low	Low	Low	1		0.23	-	-	-0.32	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
47	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.03	Medium	Moderate	Low	High	0.28	-	-	0.00	0.03	0.00	0.28	-	-	-	-	Creation	Grassland - Modified grassland	0.03	Low	Poor	Low	Low	Low	1		0.06	-	-	-0.22	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
48	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.03	Medium	Moderate	Low	High	0.28	-	-	0.00	0.03	0.00	0.28	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.03	Low	Poor	Low	Medium	Low	1		0.06	-	-	-0.21	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
49	UKHab_Area	Woodland and forest - Native pine woodlands	0.05	High	Moderate	Moderate	High	0.76	-	-	0.00	0.05	0.00	0.76	-	-	-	-	Creation	Grassland - Bracken	0.05	Medium	Poor	Low	Low	Low	5		0.17	-	-	-0.59	-	-	Temporary footprint, 4 years TTTC added
50	UKHab_Area	Woodland and forest - Native pine woodlands	0.03	High	Moderate	Moderate	High	0.46	-	-	0.00	0.03	0.00	0.46	-	-	-	-	Creation	Grassland - Modified grassland	0.03	Low	Poor	Low	Low	Low	5		0.05	-	-	-0.41	-	-	Temporary footprint, 4 years TTTC added
51	UKHab_Area	Woodland and forest - Native pine woodlands	0.03	High	Moderate	Moderate	High	0.46	-	-	0.00	0.03	0.00	0.46	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.03	Low	Poor	Low	Medium	Low	5		0.06	-	-	-0.40	-	-	Temporary footprint, 4 years TTTC added
52	UKHab_Area	Woodland and forest - Native pine woodlands	1.09	High	Moderate	Moderate	High	16.55	-	-	0.00	1.09	0.00	16.55	-	-	-	-	Creation	Grassland - Bracken	1.09	Medium	Poor	Low	Low	Low	1		4.21	-	-	-12.34	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
53	UKHab_Area	Woodland and forest - Native pine woodlands	0.54	High	Moderate	Moderate	High	8.20	-	-	0.00	0.54	0.00	8.20	-	-	-	-	Creation	Grassland - Modified grassland	0.54	Low	Poor	Low	Low	Low	1		1.04	-	-	-7.16	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
54	UKHab_Area	Woodland and forest - Native pine woodlands	0.54	High	Moderate	Moderate	High	8.20	-	-	0.00	0.54	0.00	8.20	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.54	Low	Poor	Low	Medium	Low	1		1.15	-	-	-7.05	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
55	UKHab_Area	Woodland and forest - Other coniferous woodland	4.11	Low	Poor	Low	Low	8.22	-	-	0.00	4.11	0.00	8.22	-	-	-	-	Creation	Urban - Developed land; sealed surface	4.11	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-8.22	-	-	Permanent footprint, no +4TTTC added as urban habitat created
56	UKHab_Area	Woodland and forest - Other coniferous woodland	1.35	Low	Poor	Low	Low	2.70	-	-	0.00	1.35	0.00	2.70	-	-	-	-	Creation	Urban - Developed land; sealed surface	1.35	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-2.70	-	-	Permanent footprint, no +4TTTC added as urban habitat created
57	UKHab_Area	Woodland and forest - Other coniferous woodland	0.29	Low	Poor	Low	Low	0.58	-	-	0.00	0.29	0.00	0.58	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.29	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.58	-	-	Permanent footprint, no +4TTTC added as urban habitat created
58	UKHab_Area	Woodland and forest - Other coniferous woodland	0.03	Low	Poor	Low	Low	0.06	-	-	0.00	0.03	0.00	0.06	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.03	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.06	-	-	Pile caps, no +4 TTTC as urban habitat created
59	UKHab_Area	Woodland and forest - Other coniferous woodland	0.01	Low	Poor	Low	Low	0.02	-	-	0.00	0.01	0.00	0.02	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.02	-	-	Pile caps, no +4 TTTC as urban habitat created
60	UKHab_Area	Woodland and forest - Other coniferous woodland	4.35	Low	Poor	Low	Low	8.70	-	-	0.00	4.35	0.00	8.70	-	-	-	-	Creation	Grassland - Bracken	4.35	Medium	Poor	Low	Low	Low	5		14.56	-	-	5.86	-	-	Temporary footprint, 4 years TTTC added
61	UKHab_Area	Woodland and forest - Other coniferous woodland	2.17	Low	Poor	Low	Low	4.34	-	-	0.00	2.17	0.00	4.34	-	-	-	-	Creation	Grassland - Modified grassland	2.17	Low	Poor	Low	Low	Low	5		3.63	-	-	-0.71	-	-	Temporary footprint, 4 years TTTC added
62	UKHab_Area	Woodland and forest - Other coniferous woodland	2.17	Low	Poor	Low	Low	4.34	-	-	0.00	2.17	0.00	4.34	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	2.17	Low	Poor	Low	Medium	Low	5		4.00	-	-	-0.34	-	-	Temporary footprint, 4 years TTTC added
63	UKHab_Area	Woodland and forest - Other coniferous woodland	0.97	Low	Poor	Low	Low	1.94	-	-	0.00	0.97	0.00	1.94	-	-	-	-	Creation	Grassland - Bracken	0.97	Medium	Poor	Low	Low	Low	5		3.25	-	-	1.31	-	-	Temporary footprint, 4 years TTTC added
64	UKHab_Area	Woodland and forest - Other coniferous woodland	0.50	Low	Poor	Low	Low	1.00	-	-	0.00	0.50	0.00	1.00	-	-	-	-	Creation	Grassland - Bracken	0.50	Medium	Poor	Low	Low	Low	5		1.67	-	-	0.67	-	-	Temporary footprint, 4 years TTTC added
65	UKHab_Area	Woodland and forest - Other coniferous woodland	0.49	Low	Poor	Low	Low	0.98	-	-	0.00	0.49	0.00	0.98	-	-	-	-	Creation	Grassland - Modified grassland	0.49	Low	Poor	Low	Low	Low	5		0.82	-	-	-0.16	-	-	Temporary footprint, 4 years TTTC added
66	UKHab_Area	Woodland and forest - Other coniferous woodland	0.49	Low	Poor	Low	Low	0.98	-	-	0.00	0.49	0.00	0.98	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.49	Low	Poor	Low	Medium	Low	5		0.90	-	-	-0.08	-	-	Temporary footprint, 4 years TTTC added
67	UKHab_Area	Woodland and forest - Other coniferous woodland	0.25	Low	Poor	Low	Low	0.50	-	-	0.00	0.25	0.00	0.50	-	-	-	-	Creation	Grassland - Modified grassland	0.25	Low	Poor	Low	Low	Low	5		0.42	-	-	-0.08	-	-	Temporary footprint, 4 years TTTC added

Annex E - Table E-3: Moray Council Non-irreplaceable Habitat Toolkit (Kellas Alternative Alignment)

68	UKHab_Area	Woodland and forest - Other coniferous woodland	0.25	Low	Poor	Low	Low	0.50	-	-	0.00	0.25	0.00	0.50	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.25	Low	Poor	Low	Medium	Low	5		0.46	-	-	-0.04	-	-	Temporary footprint, 4 years TTTC added
69	UKHab_Area	Woodland and forest - Other coniferous woodland	42.89	Low	Poor	Low	Low	85.78	-	-	0.00	42.89	0.00	85.78	-	-	-	-	Creation	Grassland - Bracken	42.89	Medium	Poor	Low	Low	Low	1		165.56	-	-	79.78	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
70	UKHab_Area	Woodland and forest - Other coniferous woodland	21.45	Low	Poor	Low	Low	42.90	-	-	0.00	21.45	0.00	42.90	-	-	-	-	Creation	Grassland - Modified grassland	21.45	Low	Poor	Low	Low	Low	1		41.40	-	-	-1.50	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
71	UKHab_Area	Woodland and forest - Other coniferous woodland	21.45	Low	Poor	Low	Low	42.90	-	-	0.00	21.45	0.00	42.90	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	21.45	Low	Poor	Low	Medium	Low	1		45.54	-	-	2.64	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
72	UKHab_Area	Woodland and forest - Other coniferous woodland	9.34	Low	Poor	Low	Low	18.68	-	-	0.00	9.34	0.00	18.68	-	-	-	-	Creation	Grassland - Bracken	9.34	Medium	Poor	Low	Low	Low	1		36.05	-	-	17.37	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
73	UKHab_Area	Woodland and forest - Other coniferous woodland	4.67	Low	Poor	Low	Low	9.34	-	-	0.00	4.67	0.00	9.34	-	-	-	-	Creation	Grassland - Modified grassland	4.67	Low	Poor	Low	Low	Low	1		9.01	-	-	-0.33	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
74	UKHab_Area	Woodland and forest - Other coniferous woodland	4.67	Low	Poor	Low	Low	9.34	-	-	0.00	4.67	0.00	9.34	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	4.67	Low	Poor	Low	Medium	Low	1		9.91	-	-	0.57	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
75	UKHab_Area	Woodland and forest - Other coniferous woodland	4.44	Low	Poor	Low	Low	8.88	-	-	0.00	4.44	0.00	8.88	-	-	-	-	Creation	Grassland - Bracken	4.44	Medium	Poor	Low	Low	Low	1		17.14	-	-	8.26	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
76	UKHab_Area	Woodland and forest - Other coniferous woodland	2.22	Low	Poor	Low	Low	4.44	-	-	0.00	2.22	0.00	4.44	-	-	-	-	Creation	Grassland - Modified grassland	2.22	Low	Poor	Low	Low	Low	1		4.28	-	-	-0.16	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
77	UKHab_Area	Woodland and forest - Other coniferous woodland	2.22	Low	Poor	Low	Low	4.44	-	-	0.00	2.22	0.00	4.44	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	2.22	Low	Poor	Low	Medium	Low	1		4.71	-	-	0.27	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
78	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.73	Medium	Moderate	Low	Medium	6.42	-	-	0.00	0.73	0.00	6.42	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.73	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-6.42	-	-	Permanent footprint, no +4TTTC added as urban habitat created
79	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.52	Medium	Poor	Low	Medium	2.29	-	-	0.00	0.52	0.00	2.29	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.52	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-2.29	-	-	Permanent footprint, no +4TTTC added as urban habitat created
80	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.27	Medium	Good	Low	Medium	3.56	-	-	0.00	0.27	0.00	3.56	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.27	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-3.56	-	-	Permanent footprint, no +4TTTC added as urban habitat created
81	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.01	Medium	Moderate	Low	Medium	0.09	-	-	0.00	0.01	0.00	0.09	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.09	-	-	Pile caps, no +4 TTTC as urban habitat created
82	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	1.10	Medium	Moderate	Low	Medium	9.68	-	-	0.00	1.10	0.00	9.68	-	-	-	-	Creation	Grassland - Bracken	1.10	Medium	Poor	Low	Low	Low	5		3.68	-	-	-6.00	-	-	Temporary footprint, 4 years TTTC added
83	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.55	Medium	Moderate	Low	Medium	4.84	-	-	0.00	0.55	0.00	4.84	-	-	-	-	Creation	Grassland - Modified grassland	0.55	Low	Poor	Low	Low	Low	5		0.92	-	-	-3.92	-	-	Temporary footprint, 4 years TTTC added
84	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.55	Medium	Moderate	Low	Medium	4.84	-	-	0.00	0.55	0.00	4.84	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.55	Low	Poor	Low	Medium	Low	5		1.01	-	-	-3.83	-	-	Temporary footprint, 4 years TTTC added
85	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.33	Medium	Poor	Low	Medium	1.45	-	-	0.00	0.33	0.00	1.45	-	-	-	-	Creation	Grassland - Bracken	0.33	Medium	Poor	Low	Low	Low	5		1.10	-	-	-0.35	-	-	Temporary footprint, 4 years TTTC added
86	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.16	Medium	Poor	Low	Medium	0.70	-	-	0.00	0.16	0.00	0.70	-	-	-	-	Creation	Grassland - Modified grassland	0.16	Low	Poor	Low	Low	Low	5		0.27	-	-	-0.44	-	-	Temporary footprint, 4 years TTTC added
87	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.16	Medium	Poor	Low	Medium	0.70	-	-	0.00	0.16	0.00	0.70	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.16	Low	Poor	Low	Medium	Low	5		0.29	-	-	-0.41	-	-	Temporary footprint, 4 years TTTC added
88	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.10	Medium	Good	Low	Medium	1.32	-	-	0.00	0.10	0.00	1.32	-	-	-	-	Creation	Grassland - Bracken	0.10	Medium	Poor	Low	Low	Low	5		0.33	-	-	-0.99	-	-	Temporary footprint, 4 years TTTC added
89	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.05	Medium	Good	Low	Medium	0.66	-	-	0.00	0.05	0.00	0.66	-	-	-	-	Creation	Grassland - Modified grassland	0.05	Low	Poor	Low	Low	Low	5		0.08	-	-	-0.58	-	-	Temporary footprint, 4 years TTTC added
90	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.05	Medium	Good	Low	Medium	0.66	-	-	0.00	0.05	0.00	0.66	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.05	Low	Poor	Low	Medium	Low	5		0.09	-	-	-0.57	-	-	Temporary footfrint final 4 year added
91	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	9.77	Medium	Moderate	Low	Medium	85.98	-	-	0.00	9.77	0.00	85.98	-	-	-	-	Creation	Grassland - Bracken	9.77	Medium	Poor	Low	Low	Low	1		37.71	-	-	-48.26	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
92	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	4.89	Medium	Moderate	Low	Medium	43.03	-	-	0.00	4.89	0.00	43.03	-	-	-	-	Creation	Grassland - Modified grassland	4.89	Low	Poor	Low	Low	Low	1		9.44	-	-	-33.59	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
93	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	4.89	Medium	Moderate	Low	Medium	43.03	-	-	0.00	4.89	0.00	43.03	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	4.89	Low	Poor	Low	Medium	Low	1		10.38	-	-	-32.65	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
94	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	3.75	Medium	Poor	Low	Medium	16.50	-	-	0.00	3.75	0.00	16.50	-	-	-	-	Creation	Grassland - Bracken	3.75	Medium	Poor	Low	Low	Low	1		14.48	-	-	-2.03	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
95	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	1.88	Medium	Poor	Low	Medium	8.27	-	-	0.00	1.88	0.00	8.27	-	-	-	-	Creation	Grassland - Modified grassland	1.88	Low	Poor	Low	Low	Low	1		3.63	-	-	-4.64	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
96	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	1.88	Medium	Poor	Low	Medium	8.27	-	-	0.00	1.88	0.00	8.27	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	1.88	Low	Poor	Low	Medium	Low	1		3.99	-	-	-4.28	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
97	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	1.39	Medium	Good	Low	Medium	18.35	-	-	0.00	1.39	0.00	18.35	-	-	-	-	Creation	Grassland - Bracken	1.39	Medium	Poor	Low	Low	Low	1		5.37	-	-	-12.98	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
98	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.70	Medium	Good	Low	Medium	9.24	-	-	0.00	0.70	0.00	9.24	-	-	-	-	Creation	Grassland - Modified grassland	0.70	Low	Poor	Low	Low	Low	1		1.35	-	-	-7.89	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
99	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.70	Medium	Good	Low	Medium	9.24	-	-	0.00	0.70	0.00	9.24	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.70	Low	Poor	Low	Medium	Low	1		1.49	-	-	-7.75	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
100	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.17	Medium	Moderate	Low	High	1.56	-	-	0.00	0.17	0.00	1.56	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.17	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.56	-	-	Permanent footprint, no +4TTTC added as urban habitat created

Annex E - Table E-3: Moray Council Non-irreplaceable Habitat Toolkit (Kellas Alternative Alignment)

101	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.01	Medium	Moderate	Low	High	0.09	-	-	0.00	0.01	0.00	0.09	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.09	-	-	Pile caps, no +4 TTTC as urban habitat created
102	UKHab_Area	Woodland and forest - Other woodland; broadleaved	1.64	Medium	Moderate	Low	High	15.09	-	-	0.00	1.64	0.00	15.09	-	-	-	-	Creation	Grassland - Bracken	1.64	Medium	Poor	Low	Low	Low	5		5.49	-	-	-9.60	-	-	Temporary footprint, 4 years TTTC added
103	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.82	Medium	Moderate	Low	High	7.54	-	-	0.00	0.82	0.00	7.54	-	-	-	-	Creation	Grassland - Modified grassland	0.82	Low	Poor	Low	Low	Low	5		1.37	-	-	-6.17	-	-	Temporary footprint, 4 years TTTC added
104	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.82	Medium	Moderate	Low	High	7.54	-	-	0.00	0.82	0.00	7.54	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.82	Low	Poor	Low	Medium	Low	5		1.51	-	-	-6.03	-	-	Temporary footprint, 4 years TTTC added
105	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.10	Medium	Poor	Low	High	0.46	-	-	0.00	0.10	0.00	0.46	-	-	-	-	Creation	Grassland - Bracken	0.10	Medium	Poor	Low	Low	Low	5		0.33	-	-	-0.13	-	-	Temporary footprint, 4 years TTTC added
106	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.05	Medium	Poor	Low	High	0.23	-	-	0.00	0.05	0.00	0.23	-	-	-	-	Creation	Grassland - Modified grassland	0.05	Low	Poor	Low	Low	Low	5		0.08	-	-	-0.15	-	-	Temporary footprint, 4 years TTTC added
107	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.05	Medium	Poor	Low	High	0.23	-	-	0.00	0.05	0.00	0.23	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.05	Low	Poor	Low	Medium	Low	5		0.09	-	-	-0.14	-	-	Temporary footprint, 4 years TTTC added
108	UKHab_Area	Woodland and forest - Other woodland; broadleaved	7.47	Medium	Moderate	Low	High	68.72	-	-	0.00	7.47	0.00	68.72	-	-	-	-	Creation	Grassland - Bracken	7.47	Medium	Poor	Low	Low	Low	1		28.83	-	-	-39.89	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
109	UKHab_Area	Woodland and forest - Other woodland; broadleaved	3.74	Medium	Moderate	Low	High	34.41	-	-	0.00	3.74	0.00	34.41	-	-	-	-	Creation	Grassland - Modified grassland	3.74	Low	Poor	Low	Low	Low	1		7.22	-	-	-27.19	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
110	UKHab_Area	Woodland and forest - Other woodland; broadleaved	3.74	Medium	Moderate	Low	High	34.41	-	-	0.00	3.74	0.00	34.41	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	3.74	Low	Poor	Low	Medium	Low	1		7.94	-	-	-26.47	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
111	UKHab_Area	Woodland and forest - Other woodland; broadleaved	2.32	Medium	Poor	Low	High	10.67	-	-	0.00	2.32	0.00	10.67	-	-	-	-	Creation	Grassland - Bracken	2.32	Medium	Poor	Low	Low	Low	1		8.96	-	-	-1.72	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
112	UKHab_Area	Woodland and forest - Other woodland; broadleaved	1.16	Medium	Poor	Low	High	5.34	-	-	0.00	1.16	0.00	5.34	-	-	-	-	Creation	Grassland - Modified grassland	1.16	Low	Poor	Low	Low	Low	1		2.24	-	-	-3.10	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
113	UKHab_Area	Woodland and forest - Other woodland; broadleaved	1.16	Medium	Poor	Low	High	5.34	-	-	0.00	1.16	0.00	5.34	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	1.16	Low	Poor	Low	Medium	Low	1		2.46	-	-	-2.87	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
114	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.33	Medium	Good	Low	High	4.55	-	-	0.00	0.33	0.00	4.55	-	-	-	-	Creation	Grassland - Bracken	0.33	Medium	Poor	Low	Low	Low	1		1.27	-	-	-3.28	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
115	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.16	Medium	Good	Low	High	2.21	-	-	0.00	0.16	0.00	2.21	-	-	-	-	Creation	Grassland - Modified grassland	0.16	Low	Poor	Low	Low	Low	1		0.31	-	-	-1.90	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
116	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.16	Medium	Good	Low	High	2.21	-	-	0.00	0.16	0.00	2.21	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.16	Low	Poor	Low	Medium	Low	1		0.34	-	-	-1.87	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
117	UKHab_Area	Woodland and forest - Other woodland; mixed	0.20	Medium	Poor	Low	High	0.92	-	-	0.00	0.20	0.00	0.92	-	-	-	-	Creation	Grassland - Bracken	0.20	Medium	Poor	Low	Low	Low	1		0.77	-	-	-0.15	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
118	UKHab_Area	Woodland and forest - Other woodland; mixed	0.10	Medium	Poor	Low	High	0.46	-	-	0.00	0.10	0.00	0.46	-	-	-	-	Creation	Grassland - Modified grassland	0.10	Low	Poor	Low	Low	Low	1		0.19	-	-	-0.27	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
119	UKHab_Area	Woodland and forest - Other woodland; mixed	0.10	Medium	Poor	Low	High	0.46	-	-	0.00	0.10	0.00	0.46	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.10	Low	Poor	Low	Medium	Low	1		0.21	-	-	-0.25	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
120	UKHab_Area	Woodland and forest - Other woodland; mixed	0.05	Medium	Moderate	Low	High	0.46	-	-	0.00	0.05	0.00	0.46	-	-	-	-	Creation	Grassland - Bracken	0.05	Medium	Poor	Low	Low	Low	1		0.19	-	-	-0.27	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
121	UKHab_Area	Woodland and forest - Other woodland; mixed	0.03	Medium	Moderate	Low	High	0.28	-	-	0.00	0.03	0.00	0.28	-	-	-	-	Creation	Grassland - Modified grassland	0.03	Low	Poor	Low	Low	Low	1		0.06	-	-	-0.22	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
122	UKHab_Area	Woodland and forest - Other woodland; mixed	0.03	Medium	Moderate	Low	High	0.28	-	-	0.00	0.03	0.00	0.28	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.03	Low	Poor	Low	Medium	Low	1		0.06	-	-	-0.21	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
123	UKHab_Area	Woodland and forest - Upland birchwoods	0.47	Medium	Moderate	Low	High	4.32	-	-	0.00	0.47	0.00	4.32	-	-	-	-	Creation	Grassland - Bracken	0.47	Medium	Poor	Low	Low	Low	1		1.81	-	-	-2.51	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
124	UKHab_Area	Woodland and forest - Upland birchwoods	0.23	Medium	Moderate	Low	High	2.12	-	-	0.00	0.23	0.00	2.12	-	-	-	-	Creation	Grassland - Modified grassland	0.23	Low	Poor	Low	Low	Low	1		0.44	-	-	-1.67	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
125	UKHab_Area	Woodland and forest - Upland birchwoods	0.23	Medium	Moderate	Low	High	2.12	-	-	0.00	0.23	0.00	2.12	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.23	Low	Poor	Low	Medium	Low	1		0.49	-	-	-1.63	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
126								TBC	TBC	TBC		TBC	TBC	TBC	TBC	TBC	TBC	TBC											TBC	TBC	TBC	TBC	TBC	TBC	Kellas Alternative
127	UKHab_Area	Heathland and shrub - Lowland Heathland	0.22	High	Good	Moderate	High	5.01	-	-	0.00	0.22	0.00	5.01	-	-	-	-	Creation	Heathland and shrub - Lowland Heathland	0.22	High	Moderate	Moderate	High	High	20		0.54	-	-	-4.47	-	-	kellas 2 crane pads, No added 4 years
128	UKHab_Area	Heathland and shrub - Upland Heathland	0.26	High	Moderate	Moderate	High	3.95	-	-	0.00	0.26	0.00	3.95	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	0.26	High	Moderate	Moderate	High	Medium	20		1.30	-	-	-2.65	-	-	kellas 2 crane pads, No added 4 years
129	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.03	Medium	Moderate	Low	High	0.28	-	-	0.00	0.03	0.00	0.28	-	-	-	-	Creation	Grassland - Bracken	0.03	Medium	Poor	Low	Low	Low	1		0.12	-	-	-0.16	-	-	kellas 2 crane pads, No added 4 years
130	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.02	Medium	Moderate	Low	High	0.18	-	-	0.00	0.02	0.00	0.18	-	-	-	-	Creation	Grassland - Modified grassland	0.02	Low	Poor	Low	Low	Low	1		0.04	-	-	-0.15	-	-	kellas 2 crane pads, No added 4 years
131	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.02	Medium	Moderate	Low	High	0.18	-	-	0.00	0.02	0.00	0.18	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.02	Low	Poor	Low	Medium	Low	1		0.04	-	-	-0.14	-	-	kellas 2 crane pads, No added 4 years

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132	UKHab_Area	Grassland - Upland acid grassland	0.05	High	Moderate	Moderate	Medium	0.73	-	-	0.00	0.05	0.00	0.73	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.05	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.73	-	-	Kellas 2 permanent access tracks, No added 4 years
133	UKHab_Area	Grassland - Other neutral grassland	0.15	High	Moderate	Moderate	Medium	2.18	-	-	0.00	0.15	0.00	2.18	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.15	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-2.18	-	-	Kellas 2 permanent access tracks, No added 4 years
134	UKHab_Area	Grassland - Other neutral grassland	0.43	High	Poor	Moderate	Medium	3.12	-	-	0.00	0.43	0.00	3.12	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.43	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-3.12	-	-	Kellas 2 permanent access tracks, No added 4 years
135	UKHab_Area	Grassland - Modified grassland	0.26	Low	Good	Low	Low	1.56	-	-	0.00	0.26	0.00	1.56	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.26	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.56	-	-	Kellas 2 permanent access tracks, No added 4 years
136	UKHab_Area	Heathland and shrub - Lowland Heathland	0.65	High	Good	Moderate	High	14.80	-	-	0.00	0.65	0.00	14.80	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.65	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-14.80	-	-	Kellas 2 permanent access tracks, No added 4 years
137	UKHab_Area	Heathland and shrub - Lowland Heathland	0.07	High	Moderate	Moderate	High	1.06	-	-	0.00	0.07	0.00	1.06	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.07	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.06	-	-	Kellas 2 permanent access tracks, No added 4 years
138	UKHab_Area	Heathland and shrub - Upland Heathland	1.29	High	Moderate	Moderate	High	19.58	-	-	0.00	1.29	0.00	19.58	-	-	-	-	Creation	Urban - Developed land; sealed surface	1.29	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-19.58	-	-	Kellas 2 permanent access tracks, No added 4 years
139	UKHab_Area	Heathland and shrub - Gorse scrub	0.03	Low	Moderate	Low	Medium	0.13	-	-	0.00	0.03	0.00	0.13	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.03	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.13	-	-	Kellas 2 permanent access tracks, No added 4 years
140	UKHab_Area	Urban - Suburban/mosaic of developed/natural surface	0.08	Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.08	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.08	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Kellas 2 permanent access tracks, No added 4 years
141	UKHab_Area	Urban - Built linear features	0.01	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.01	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Kellas 2 permanent access tracks, No added 4 years
142	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.20	Medium	Moderate	Low	High	1.84	-	-	0.00	0.20	0.00	1.84	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.20	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.84	-	-	Kellas 2 permanent access tracks, No added 4 years
143	UKHab_Area	Woodland and forest - Other woodland; mixed	0.06	Medium	Moderate	Low	High	0.55	-	-	0.00	0.06	0.00	0.55	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.06	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.55	-	-	Kellas 2 permanent access tracks, No added 4 years
144	UKHab_Area	Woodland and forest - Other coniferous woodland	0.90	Low	Poor	Low	Low	1.80	-	-	0.00	0.90	0.00	1.80	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.90	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.80	-	-	Kellas 2 permanent access tracks, No added 4 years
145	UKHab_Area	Heathland and shrub - Upland Heathland	0.01	High	Moderate	Moderate	High	0.15	-	-	0.00	0.01	0.00	0.15	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.15	-	-	Kellas 2 pile caps, No added 4 years
146	UKHab_Area	Urban - Suburban/mosaic of developed/natural surface	0.00	Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.00	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.00	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Kellas 2 pile caps, No added 4 years
147	UKHab_Area	Grassland - Upland acid grassland	0.03	High	Moderate	Moderate	Medium	0.44	-	-	0.00	0.03	0.00	0.44	-	-	-	-	Creation	Grassland - Upland acid grassland	0.03	High	Moderate	Moderate	Medium	Low	14		0.26	-	-	-0.17	-	-	kellas 2 temporary footprint, 4 years added
148	UKHab_Area	Grassland - Other neutral grassland	0.17	High	Moderate	Moderate	Medium	2.47	-	-	0.00	0.17	0.00	2.47	-	-	-	-	Creation	Grassland - Other neutral grassland	0.17	High	Moderate	Moderate	Medium	Low	9		1.79	-	-	-0.68	-	-	kellas 2 temporary footprint, 4 years added
149	UKHab_Area	Grassland - Other neutral grassland	0.25	High	Poor	Moderate	Medium	1.82	-	-	0.00	0.25	0.00	1.82	-	-	-	-	Creation	Grassland - Other neutral grassland	0.25	High	Poor	Moderate	Medium	Low	5		1.52	-	-	-0.30	-	-	kellas 2 temporary footprint, 4 years added
150	UKHab_Area	Grassland - Other neutral grassland	0.18	High	Poor	Moderate	Medium	1.31	-	-	0.00	0.18	0.00	1.31	-	-	-	-	Creation	Grassland - Other neutral grassland	0.18	High	Poor	Moderate	Medium	Low	5		1.09	-	-	-0.21	-	-	kellas 2 temporary footprint, 4 years added
151	UKHab_Area	Grassland - Modified grassland	0.18	Low	Good	Low	Low	1.08	-	-	0.00	0.18	0.00	1.08	-	-	-	-	Creation	Grassland - Modified grassland	0.18	Low	Poor	Low	Low	Low	5		0.30	-	-	-0.78	-	-	kellas 2 temporary footprint, 4 years added
152	UKHab_Area	Heathland and shrub - Lowland Heathland	0.87	High	Good	Moderate	High	19.81	-	-	0.00	0.87	0.00	19.81	-	-	-	-	Creation	Heathland and shrub - Lowland Heathland	0.87	High	Moderate	Moderate	High	High	24		1.85	-	-	-17.96	-	-	kellas 2 temporary footprint, 4 years added
153	UKHab_Area	Heathland and shrub - Upland Heathland	1.40	High	Moderate	Moderate	High	21.25	-	-	0.00	1.40	0.00	21.25	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	1.40	High	Moderate	Moderate	High	Medium	24		6.05	-	-	-15.20	-	-	kellas 2 temporary footprint, 4 years added
154	UKHab_Area	Urban - Suburban/mosaic of developed/natural surface	0.20	Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.20	0.00	0.00	-	-	-	-	Creation	Urban - Suburban/mosaic of developed/natural surface	0.20	Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	kellas 2 temporary footprint, 4 years added
155	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.09	Medium	Moderate	Low	High	0.83	-	-	0.00	0.09	0.00	0.83	-	-	-	-	Creation	Grassland - Bracken	0.09	Medium	Poor	Low	Low	Low	5		0.30	-	-	-0.53	-	-	kellas 2 temporary footprint, 4 years added
156	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.04	Medium	Moderate	Low	High	0.37	-	-	0.00	0.04	0.00	0.37	-	-	-	-	Creation	Grassland - Modified grassland	0.04	Low	Poor	Low	Low	Low	5		0.07	-	-	-0.30	-	-	kellas 2 temporary footprint, 4 years added
157	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.04	Medium	Moderate	Low	High	0.37	-	-	0.00	0.04	0.00	0.37	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.04	Low	Poor	Low	Medium	Low	5		0.07	-	-	-0.29	-	-	kellas 2 temporary footprint, 4 years added
158	UKHab_Area	Woodland and forest - Other woodland; mixed	0.04	Medium	Moderate	Low	High	0.37	-	-	0.00	0.04	0.00	0.37	-	-	-	-	Creation	Grassland - Bracken	0.04	Medium	Poor	Low	Low	Low	5		0.13	-	-	-0.23	-	-	kellas 2 temporary footprint, 4 years added
159	UKHab_Area	Woodland and forest - Other woodland; mixed	0.02	Medium	Moderate	Low	High	0.18	-	-	0.00	0.02	0.00	0.18	-	-	-	-	Creation	Grassland - Modified grassland	0.02	Low	Poor	Low	Low	Low	5		0.03	-	-	-0.15	-	-	kellas 2 temporary footprint, 4 years added
160	UKHab_Area	Woodland and forest - Other woodland; mixed	0.02	Medium	Moderate	Low	High	0.18	-	-	0.00	0.02	0.00	0.18	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.02	Low	Poor	Low	Medium	Low	5		0.04	-	-	-0.15	-	-	kellas 2 temporary footprint, 4 years added
161	UKHab_Area	Woodland and forest - Other coniferous woodland	0.33	Low	Poor	Low	Low	0.66	-	-	0.00	0.33	0.00	0.66	-	-	-	-	Creation	Grassland - Bracken	0.33	Medium	Poor	Low	Low	Low	5		1.10	-	-	0.44	-	-	kellas 2 temporary footprint, 4 years added
162	UKHab_Area	Woodland and forest - Other coniferous woodland	0.16	Low	Poor	Low	Low	0.32	-	-	0.00	0.16	0.00	0.32	-	-	-	-	Creation	Grassland - Modified grassland	0.16	Low	Poor	Low	Low	Low	5		0.27	-	-	-0.05	-	-	kellas 2 temporary footprint, 4 years added
163	UKHab_Area	Woodland and forest - Other coniferous woodland	0.16	Low	Poor	Low	Low	0.32	-	-	0.00	0.16	0.00	0.32	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.16	Low	Poor	Low	Medium	Low	5		0.29	-	-	-0.03	-	-	kellas 2 temporary footprint, 4 years added
164	UKHab_Area	Woodland and forest - Other woodland; mixed	0.16	Medium	Moderate	Low	High	1.47	-	-	0.00	0.16	0.00	1.47	-	-	-	-	Creation	Grassland - Bracken	0.16	Medium	Poor	Low	Low	Low	1		0.62	-	-	-0.85	-	-	Kellas 2 woodland removal, No added 4 years
165	UKHab_Area	Woodland and forest - Other woodland; mixed	0.08	Medium	Moderate	Low	High	0.74	-	-	0.00	0.08	0.00	0.74	-	-	-	-	Creation	Grassland - Modified grassland	0.08	Low	Poor	Low	Low	Low	1		0.15	-	-	-0.58	-	-	Kellas 2 woodland removal, No added 4 years
166	UKHab_Area	Woodland and forest - Other woodland; mixed	0.08	Medium	Moderate	Low	High	0.74	-	-	0.00	0.08	0.00	0.74	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.08	Low	Poor	Low	Medium	Low	1		0.17	-	-	-0.57	-	-	Kellas 2 woodland removal, No added 4 years

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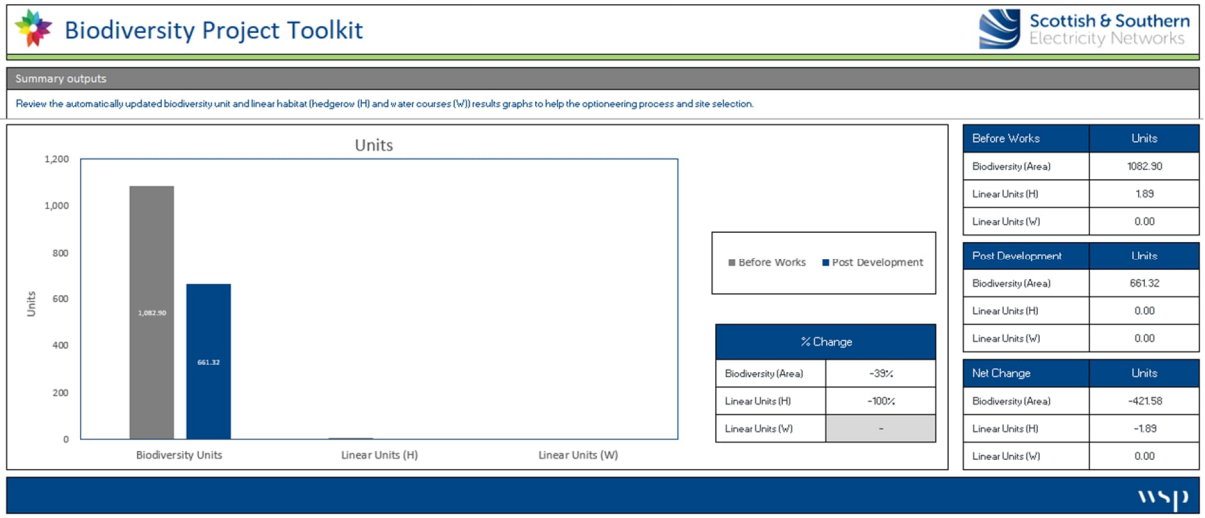
167	UKHab_Area	Woodland and forest - Other coniferous woodland	3.39	Low	Poor	Low	Low	6.78	-	-	0.00	3.39	0.00	6.78	-	-	-	-	Creation	Grassland - Bracken	3.39	Medium	Poor	Low	Low	Low	1		13.09	-	-	6.31	-	-	Kellas 2 woodland removal, No added 4 years
168	UKHab_Area	Woodland and forest - Other coniferous woodland	1.69	Low	Poor	Low	Low	3.38	-	-	0.00	1.69	0.00	3.38	-	-	-	-	Creation	Grassland - Modified grassland	1.69	Low	Poor	Low	Low	Low	1		3.26	-	-	-0.12	-	-	Kellas 2 woodland removal, No added 4 years
169	UKHab_Area	Woodland and forest - Other coniferous woodland	1.69	Low	Poor	Low	Low	3.38	-	-	0.00	1.69	0.00	3.38	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	1.69	Low	Poor	Low	Medium	Low	1		3.59	-	-	0.21	-	-	Kellas 2 woodland removal, No added 4 years
170								TBC	TBC	TBC		TBC	TBC	TBC	TBC	TBC	TBC	TBC											TBC	TBC	TBC	TBC	TBC	TBC	
171	UKHab_Area	Wetland - Blanket bog	0.17	High	Poor	Moderate	High	1.29	-	-	0.00	0.17	0.00	1.29	-	-	-	-	Creation	Wetland - Blanket bog	0.17	High	Poor	Moderate	High	Medium	32+		0.28	-	-	-1.01	-	-	Temp footprint final, 4 years added / Irreplaceable habitat max TTTC
172	UKHab_Area	Wetland - Blanket bog	0.90	High	Poor	Moderate	High	6.83	-	-	0.00	0.90	0.00	6.83	-	-	-	-	Creation	Wetland - Blanket bog	0.90	High	Poor	Moderate	High	Medium	32+		1.46	-	-	-5.37	-	-	Temp footprint final, 4 years added / Irreplaceable habitat max TTTC

Figure E-3: Moray Council Non-irreplaceable Habitat Toolkit (Kellas Alternative Alignment)



Annex E - Table E-2: Moray Council Non-irreplaceable Habitat Toolkit (Kellas Standard Alignment)

Biodiversity Project Toolkit

Biodiversity Unit Calculation

Calculate biodiversity and linear (hedgerow (H) and watercourses (W)) units of your site by: (1) establishing the habitat; (2) identifying the condition, connectivity and strategic significance of that habitat, and; (3) entering the hectares (ha) or linear metres (m).

Before works (Baseline)											Action (During Works)								After work actions (Following Actions)											Post development			Net change			
Ref	Calculation Units (Area / Linear (H/W))	UK Habitats	Area or Length of Habitat (ha /km)	Distinctiveness Band	Condition Rating	Connectivity Rating	Strategic significance Rating	Units			Area or Length of Habitat		Biodiversity Units		Linear Units (H)		Linear Units (W)		After work action	UK Habitats	Area or Length of Habitat (ha /km)	Distinctiveness Band	Target Condition Rating	Connectivity Rating	Strategic significance Rating	Difficulty	Time to target condition (Years)	Spatial	Post development units			Net change in units			Notes
								Biodiversity (Area)	Linear (H)	Linear (W)	Retained	Removed	Retained	Removed	Retained	Removed	Retained	Removed										Biodiversity (Area)	Linear (H)	Linear (W)	Biodiversity (Area)	Linear (H)	Linear (W)	
Project Total								**1084.73**	**1.89**	**0.00**	**0.00**	**252.31**	**0.00**	**1084.73**	**0.00**	**1.89**	**0.00**	**0.00**	*Project Total*									**668.57**	**0.00**	**0.00**	**-416.16**	**-1.89**	**0.00**	
1	UKHab_Linear_H	Native Hedgerow	0.08	Low	Moderate	Low	High	-	0.37	-	0.00	0.08	-	-	0.00	0.37	-	-										-	0.00	-	-	-0.37	-	Linear habitats permanently removed
2	UKHab_Linear_H	Line of Trees	0.33	Low	Moderate	Low	High	-	1.52	-	0.00	0.33	-	-	0.00	1.52	-	-										-	0.00	-	-	-1.52	-	Linear habitats permanently removed
3	UKHab_Area	Cropland - Cereal Crops	1.40	Low	N/A - Agriculture	Low	Low	2.80	-	-	0.00	1.40	0.00	2.80	-	-	-	-	Creation	Urban - Developed land; sealed surface	1.40	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-2.80	-	-	permanent footprint, 4 years TTTC added
4	UKHab_Area	Cropland - Cereal Crops	0.03	Low	N/A - Agriculture	Low	Low	0.06	-	-	0.00	0.03	0.00	0.06	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.03	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.06	-	-	Pile caps, no +4 TTTC as urban habitat created
5	UKHab_Area	Cropland - Cereal Crops	9.81	Low	N/A - Agriculture	Low	Low	19.62	-	-	0.00	9.81	0.00	19.62	-	-	-	-	Creation	Cropland - Cereal Crops	9.81	Low	N/A - Agriculture	Low	Low	Low	5		16.42	-	-	-3.20	-	-	Temporary footprint, 4 years TTTC added
6	UKHab_Area	Cropland - Cereal Crops	0.92	Low	N/A - Agriculture	Low	Low	1.84	-	-	0.00	0.92	0.00	1.84	-	-	-	-	Creation	Cropland - Cereal Crops	0.92	Low	N/A - Agriculture	Low	Low	Low	5		1.54	-	-	-0.30	-	-	Temporary footprint, 4 years TTTC added
7	UKHab_Area	Cropland - Temporary grass and clover leys	0.08	Low	N/A - Agriculture	Low	Low	0.16	-	-	0.00	0.08	0.00	0.16	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.08	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.16	-	-	Permanent footprint, no +4TTTC added as urban habitat created
8	UKHab_Area	Cropland - Temporary grass and clover leys	0.20	Low	N/A - Agriculture	Low	Low	0.40	-	-	0.00	0.20	0.00	0.40	-	-	-	-	Creation	Cropland - Temporary grass and clover leys	0.20	Low	N/A - Agriculture	Low	Low	Low	5		0.33	-	-	-0.07	-	-	Temporary footprint, 4 years TTTC added
9	UKHab_Area	Grassland - Modified grassland	3.11	Low	Poor	Low	Low	6.22	-	-	0.00	3.11	0.00	6.22	-	-	-	-	Creation	Urban - Developed land; sealed surface	3.11	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-6.22	-	-	Permanent footprint, no +4TTTC added as urban habitat created
10	UKHab_Area	Grassland - Modified grassland	0.04	Low	Poor	Low	Low	0.08	-	-	0.00	0.04	0.00	0.08	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.04	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.08	-	-	Pile caps, no +4 TTTC as urban habitat created
11	UKHab_Area	Grassland - Modified grassland	16.16	Low	Poor	Low	Low	32.32	-	-	0.00	16.16	0.00	32.32	-	-	-	-	Creation	Grassland - Modified grassland	16.16	Low	Poor	Low	Low	Low	5		27.05	-	-	-5.27	-	-	Temporary footprint, 4 years TTTC added
12	UKHab_Area	Grassland - Modified grassland	0.32	Low	Good	Low	Low	1.92	-	-	0.00	0.32	0.00	1.92	-	-	-	-	Creation	Grassland - Modified grassland	0.32	Low	Moderate	Low	Low	Low	8		0.96	-	-	-0.96	-	-	Temporary footprint, 4 years TTTC added
13	UKHab_Area	Grassland - Other neutral grassland	0.21	High	Poor	Moderate	Medium	1.52	-	-	0.00	0.21	0.00	1.52	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.21	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.52	-	-	Permanent footprint, no +4TTTC added as urban habitat created
14	UKHab_Area	Grassland - Other neutral grassland	0.17	High	Moderate	Moderate	Medium	2.47	-	-	0.00	0.17	0.00	2.47	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.17	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-2.47	-	-	Permanent footprint, no +4TTTC added as urban habitat created
15	UKHab_Area	Grassland - Other neutral grassland	0.01	High	Poor	Moderate	Medium	0.07	-	-	0.00	0.01	0.00	0.07	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.07	-	-	Pile caps, no +4 TTTC as urban habitat created
16	UKHab_Area	Grassland - Other neutral grassland	2.13	High	Poor	Moderate	Medium	15.46	-	-	0.00	2.13	0.00	15.46	-	-	-	-	Creation	Grassland - Other neutral grassland	2.13	High	Poor	Moderate	Medium	Low	6		12.49	-	-	-2.97	-	-	Temporary footprint, 4 years TTTC added
17	UKHab_Area	Grassland - Other neutral grassland	0.99	High	Moderate	Moderate	Medium	14.37	-	-	0.00	0.99	0.00	14.37	-	-	-	-	Creation	Grassland - Other neutral grassland	0.99	High	Moderate	Moderate	Medium	Low	9		10.44	-	-	-3.94	-	-	Temporary footprint, 4 years TTTC added
18	UKHab_Area	Grassland - Other neutral grassland	0.10	High	Good	Moderate	Medium	2.18	-	-	0.00	0.10	0.00	2.18	-	-	-	-	Creation	Grassland - Other neutral grassland	0.10	High	Moderate	Moderate	Medium	Low	9		1.05	-	-	-1.12	-	-	Temporary footprint, 4 years TTTC added
19	UKHab_Area	Grassland - Upland calcareous grassland	0.05	High	Moderate	Moderate	Medium	0.73	-	-	0.00	0.05	0.00	0.73	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.05	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.73	-	-	Permanent footprint, no +4TTTC added as urban habitat created
20	UKHab_Area	Grassland - Upland calcareous grassland	0.15	High	Moderate	Moderate	Medium	2.18	-	-	0.00	0.15	0.00	2.18	-	-	-	-	Creation	Grassland - Upland calcareous grassland	0.15	High	Moderate	Moderate	Medium	High	19		0.37	-	-	-1.81	-	-	Temporary footprint, 4 years TTTC added
21	UKHab_Area	Heathland and shrub - Gorse scrub	0.11	Low	Moderate	Low	Medium	0.48	-	-	0.00	0.11	0.00	0.48	-	-	-	-	Creation	Heathland and shrub - Gorse scrub	0.11	Low	Moderate	Low	Medium	Low	5		0.41	-	-	-0.08	-	-	Crane pads, no added 4 year as natural regen during consturciton period
22	UKHab_Area	Heathland and shrub - Gorse scrub	0.19	Low	Moderate	Low	Medium	0.84	-	-	0.00	0.19	0.00	0.84	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.19	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.84	-	-	Permanent footprint, no +4TTTC added as urban habitat created
23	UKHab_Area	Heathland and shrub - Gorse scrub	0.15	Low	Moderate	Low	Medium	0.66	-	-	0.00	0.15	0.00	0.66	-	-	-	-	Creation	Heathland and shrub - Gorse scrub	0.15	Low	Moderate	Low	Medium	Low	9		0.48	-	-	-0.18	-	-	Temporary footprint, 4 years TTTC added
24	UKHab_Area	Heathland and shrub - Gorse scrub	0.02	Low	Poor	Low	Medium	0.04	-	-	0.00	0.02	0.00	0.04	-	-	-	-	Creation	Heathland and shrub - Gorse scrub	0.02	Low	Poor	Low	Medium	Low	5		0.04	-	-	-0.01	-	-	Temporary footprint, 4 years TTTC added
25	UKHab_Area	Heathland and shrub - Gorse scrub	0.01	Low	Moderate	Low	Medium	0.04	-	-	0.00	0.01	0.00	0.04	-	-	-	-	Creation	Grassland - Modified grassland	0.01	Low	Poor	Low	Low	Low	5		0.02	-	-	-0.03	-	-	Zone A 4 year added
26	UKHab_Area	Heathland and shrub - Lowland Heathland	0.06	High	Moderate	Moderate	High	0.91	-	-	0.00	0.06	0.00	0.91	-	-	-	-	Creation	Heathland and shrub - Lowland Heathland	0.06	High	Moderate	Moderate	High	High	20		0.15	-	-	-0.76	-	-	Crane pads, no added 4 year as natural regen during consturciton period
27	UKHab_Area	Heathland and shrub - Lowland Heathland	0.25	High	Moderate	Moderate	High	3.80	-	-	0.00	0.25	0.00	3.80	-	-	-	-	Creation	Heathland and shrub - Lowland Heathland	0.25	High	Moderate	Moderate	High	High	24		0.53	-	-	-3.26	-	-	Temporary footprint, 4 years TTTC added
28	UKHab_Area	Heathland and shrub - Mixed scrub	0.01	Low	Moderate	Low	Medium	0.04	-	-	0.00	0.01	0.00	0.04	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.04	-	-	Permanent footprint, no +4TTTC added as urban habitat created
29	UKHab_Area	Heathland and shrub - Mixed scrub	0.05	Low	Moderate	Low	Medium	0.22	-	-	0.00	0.05	0.00	0.22	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.05	Low	Moderate	Low	Medium	Low	9		0.16	-	-	-0.06	-	-	Temporary footprint, 4 years TTTC added
30	UKHab_Area	Heathland and shrub - Upland Heathland	0.31	High	Moderate	Moderate	High	4.71	-	-	0.00	0.31	0.00	4.71	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	0.31	High	Moderate	Moderate	High	Medium	20		1.54	-	-	-3.16	-	-	Crane pads, no added 4 year as natural regen during consturciton period
31	UKHab_Area	Heathland and shrub - Upland Heathland	0.06	High	Good	Moderate	High	1.37	-	-	0.00	0.06	0.00	1.37	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	0.06	High	Moderate	Moderate	High	Medium	20		0.30	-	-	-1.07	-	-	Crane pads, no added 4 year as natural regen during consturciton period
32	UKHab_Area	Heathland and shrub - Upland Heathland	0.77	High	Moderate	Moderate	High	11.69	-	-	0.00	0.77	0.00	11.69	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.77	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-11.69	-	-	Permanent footprint, no +4TTTC added as urban habitat created
33	UKHab_Area	Heathland and shrub - Upland Heathland	0.10	High	Good	Moderate	High	2.28	-	-	0.00	0.10	0.00	2.28	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.10	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-2.28	-	-	Permanent footprint, no +4TTTC added as urban habitat created
34	UKHab_Area	Heathland and shrub - Upland Heathland	1.38	High	Moderate	Moderate	High	20.95	-	-	0.00	1.38	0.00	20.95	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	1.38	High	Moderate	Moderate	High	Medium	24		5.97	-	-	-14.98	-	-	Temporary footprint, 4 years TTTC added
35	UKHab_Area	Heathland and shrub - Upland Heathland	0.20	High	Good	Moderate	High	4.55	-	-	0.00	0.20	0.00	4.55	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	0.20	High	Moderate	Moderate	High	Medium	24		0.86	-	-	-3.69	-	-	Temporary footprint, 4 years TTTC added
36	UKHab_Area	Urban - Artificial unvegetated, unsealed surface	0.50	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.50	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.50	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Permanent footprint, no +4TTTC added as urban habitat created
37	UKHab_Area	Urban - Artificial unvegetated, unsealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.01	0.00	0.00	-	-	-	-	Creation	Urban - Artificial unvegetated, unsealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	4		0.00	-	-	0.00	-	-	Temporary footprint, 4 years TTTC added
38	UKHab_Area	Urban - Built linear features	1.20	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	1.20	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	1.20	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Permanent footprint, no +4TTTC added as urban habitat created
39	UKHab_Area	Urban - Built linear features	0.25	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.25	0.00	0.00	-	-	-	-	Creation	Urban - Built linear features	0.25	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Temporary footprint, 4 years TTTC added

Annex E - Table E-2: Moray Council Non-irreplaceable Habitat Toolkit (Kellas Standard Alignment)

40	UKHab_Area	Urban - Developed land; sealed surface	0.41	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.41	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.41	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Permanent footprint, no +4TTTC added as urban habitat created
41	UKHab_Area	Urban - Developed land; sealed surface	0.12	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.12	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.12	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Temporary footprint, 4 years TTTC added
42	UKHab_Area	Urban - Suburban/mosaic of developed/natural surface	0.03	Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.03	0.00	0.00	-	-	-	-	Creation	Urban - Suburban/mosaic of developed/natural surface	0.03	Low	N/A - No biodiversity value	Low	Low	Low	5		0.00	-	-	0.00	-	-	Temporary footfrint final 4 year added
43	UKHab_Area	Wetland - Blanket bog	0.03	High	Poor	Moderate	High	0.23	-	-	0.00	0.03	0.00	0.23	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.03	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.23	-	-	Permanent footprint, no +4TTTC added as urban habitat created
44	UKHab_Area	Wetland - Other swamps	0.42	Medium	Moderate	Low	Medium	3.70	-	-	0.00	0.42	0.00	3.70	-	-	-	-	Creation	Wetland - Other swamps	0.42	Medium	Moderate	Low	Medium	Medium	11		1.67	-	-	-2.02	-	-	Temporary footprint, 4 years TTTC added
45	UKHab_Area	Woodland and forest - Lowland mixed deciduous	0.01	Medium	Moderate	Low	High	0.09	-	-	0.00	0.01	0.00	0.09	-	-	-	-	Creation	Grassland - Bracken	0.01	Medium	Poor	Low	Low	Low	5		0.03	-	-	-0.06	-	-	Temporary footprint, 4 years TTTC added
46	UKHab_Area	Woodland and forest - Lowland mixed deciduous	0.06	Medium	Moderate	Low	High	0.55	-	-	0.00	0.06	0.00	0.55	-	-	-	-	Creation	Grassland - Bracken	0.06	Medium	Poor	Low	Low	Low	1		0.23	-	-	-0.32	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
47	UKHab_Area	Woodland and forest - Lowland mixed deciduous	0.03	Medium	Moderate	Low	High	0.28	-	-	0.00	0.03	0.00	0.28	-	-	-	-	Creation	Grassland - Modified grassland	0.03	Low	Poor	Low	Low	Low	1		0.06	-	-	-0.22	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
48	UKHab_Area	Woodland and forest - Lowland mixed deciduous	0.03	Medium	Moderate	Low	High	0.28	-	-	0.00	0.03	0.00	0.28	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.03	Low	Poor	Low	Medium	Low	1		0.06	-	-	-0.21	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
49	UKHab_Area	Woodland and forest - Native pine woodlands	0.05	High	Moderate	Moderate	High	0.76	-	-	0.00	0.05	0.00	0.76	-	-	-	-	Creation	Grassland - Bracken	0.05	Medium	Poor	Low	Low	Low	5		0.17	-	-	-0.59	-	-	Temporary footprint, 4 years TTTC added
50	UKHab_Area	Woodland and forest - Native pine woodlands	0.03	High	Moderate	Moderate	High	0.46	-	-	0.00	0.03	0.00	0.46	-	-	-	-	Creation	Grassland - Modified grassland	0.03	Low	Poor	Low	Low	Low	5		0.05	-	-	-0.41	-	-	Temporary footprint, 4 years TTTC added
51	UKHab_Area	Woodland and forest - Native pine woodlands	0.03	High	Moderate	Moderate	High	0.46	-	-	0.00	0.03	0.00	0.46	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.03	Low	Poor	Low	Medium	Low	5		0.06	-	-	-0.40	-	-	Temporary footprint, 4 years TTTC added
52	UKHab_Area	Woodland and forest - Native pine woodlands	1.09	High	Moderate	Moderate	High	16.55	-	-	0.00	1.09	0.00	16.55	-	-	-	-	Creation	Grassland - Bracken	1.09	Medium	Poor	Low	Low	Low	1		4.21	-	-	-12.34	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
53	UKHab_Area	Woodland and forest - Native pine woodlands	0.54	High	Moderate	Moderate	High	8.20	-	-	0.00	0.54	0.00	8.20	-	-	-	-	Creation	Grassland - Modified grassland	0.54	Low	Poor	Low	Low	Low	1		1.04	-	-	-7.16	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
54	UKHab_Area	Woodland and forest - Native pine woodlands	0.54	High	Moderate	Moderate	High	8.20	-	-	0.00	0.54	0.00	8.20	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.54	Low	Poor	Low	Medium	Low	1		1.15	-	-	-7.05	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
55	UKHab_Area	Woodland and forest - Other coniferous	4.11	Low	Poor	Low	Low	8.22	-	-	0.00	4.11	0.00	8.22	-	-	-	-	Creation	Urban - Developed land; sealed surface	4.11	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-8.22	-	-	Permanent footprint, no +4TTTC added as urban habitat created
56	UKHab_Area	Woodland and forest - Other coniferous	1.35	Low	Poor	Low	Low	2.70	-	-	0.00	1.35	0.00	2.70	-	-	-	-	Creation	Urban - Developed land; sealed surface	1.35	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-2.70	-	-	Permanent footprint, no +4TTTC added as urban habitat created
57	UKHab_Area	Woodland and forest - Other coniferous	0.29	Low	Poor	Low	Low	0.58	-	-	0.00	0.29	0.00	0.58	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.29	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.58	-	-	Permanent footprint, no +4TTTC added as urban habitat created
58	UKHab_Area	Woodland and forest - Other coniferous	0.03	Low	Poor	Low	Low	0.06	-	-	0.00	0.03	0.00	0.06	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.03	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.06	-	-	Pile caps, no +4 TTTC as urban habitat created
59	UKHab_Area	Woodland and forest - Other coniferous	0.01	Low	Poor	Low	Low	0.02	-	-	0.00	0.01	0.00	0.02	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.02	-	-	Pile caps, no +4 TTTC as urban habitat created
60	UKHab_Area	Woodland and forest - Other coniferous	4.35	Low	Poor	Low	Low	8.70	-	-	0.00	4.35	0.00	8.70	-	-	-	-	Creation	Grassland - Bracken	4.35	Medium	Poor	Low	Low	Low	5		14.56	-	-	5.86	-	-	Temporary footprint, 4 years TTTC added
61	UKHab_Area	Woodland and forest - Other coniferous	2.17	Low	Poor	Low	Low	4.34	-	-	0.00	2.17	0.00	4.34	-	-	-	-	Creation	Grassland - Modified grassland	2.17	Low	Poor	Low	Low	Low	5		3.63	-	-	-0.71	-	-	Temporary footprint, 4 years TTTC added
62	UKHab_Area	Woodland and forest - Other coniferous	2.17	Low	Poor	Low	Low	4.34	-	-	0.00	2.17	0.00	4.34	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	2.17	Low	Poor	Low	Medium	Low	5		4.00	-	-	-0.34	-	-	Temporary footprint, 4 years TTTC added
63	UKHab_Area	Woodland and forest - Other coniferous	0.97	Low	Poor	Low	Low	1.94	-	-	0.00	0.97	0.00	1.94	-	-	-	-	Creation	Grassland - Bracken	0.97	Medium	Poor	Low	Low	Low	5		3.25	-	-	1.31	-	-	Temporary footprint, 4 years TTTC added
64	UKHab_Area	Woodland and forest - Other coniferous	0.50	Low	Poor	Low	Low	1.00	-	-	0.00	0.50	0.00	1.00	-	-	-	-	Creation	Grassland - Bracken	0.50	Medium	Poor	Low	Low	Low	5		1.67	-	-	0.67	-	-	Temporary footprint, 4 years TTTC added
65	UKHab_Area	Woodland and forest - Other coniferous	0.49	Low	Poor	Low	Low	0.98	-	-	0.00	0.49	0.00	0.98	-	-	-	-	Creation	Grassland - Modified grassland	0.49	Low	Poor	Low	Low	Low	5		0.82	-	-	-0.16	-	-	Temporary footprint, 4 years TTTC added
66	UKHab_Area	Woodland and forest - Other coniferous	0.49	Low	Poor	Low	Low	0.98	-	-	0.00	0.49	0.00	0.98	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.49	Low	Poor	Low	Medium	Low	5		0.90	-	-	-0.08	-	-	Temporary footprint, 4 years TTTC added
67	UKHab_Area	Woodland and forest - Other coniferous	0.25	Low	Poor	Low	Low	0.50	-	-	0.00	0.25	0.00	0.50	-	-	-	-	Creation	Grassland - Modified grassland	0.25	Low	Poor	Low	Low	Low	5		0.42	-	-	-0.08	-	-	Temporary footprint, 4 years TTTC added
68	UKHab_Area	Woodland and forest - Other coniferous	0.25	Low	Poor	Low	Low	0.50	-	-	0.00	0.25	0.00	0.50	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.25	Low	Poor	Low	Medium	Low	5		0.46	-	-	-0.04	-	-	Temporary footprint, 4 years TTTC added
69	UKHab_Area	Woodland and forest - Other coniferous	42.89	Low	Poor	Low	Low	85.78	-	-	0.00	42.89	0.00	85.78	-	-	-	-	Creation	Grassland - Bracken	42.89	Medium	Poor	Low	Low	Low	1		165.56	-	-	79.78	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
70	UKHab_Area	Woodland and forest - Other coniferous	21.45	Low	Poor	Low	Low	42.90	-	-	0.00	21.45	0.00	42.90	-	-	-	-	Creation	Grassland - Modified grassland	21.45	Low	Poor	Low	Low	Low	1		41.40	-	-	-1.50	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
71	UKHab_Area	Woodland and forest - Other coniferous	21.45	Low	Poor	Low	Low	42.90	-	-	0.00	21.45	0.00	42.90	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	21.45	Low	Poor	Low	Medium	Low	1		45.54	-	-	2.64	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
72	UKHab_Area	Woodland and forest - Other coniferous	9.34	Low	Poor	Low	Low	18.68	-	-	0.00	9.34	0.00	18.68	-	-	-	-	Creation	Grassland - Bracken	9.34	Medium	Poor	Low	Low	Low	1		36.05	-	-	17.37	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
73	UKHab_Area	Woodland and forest - Other coniferous	4.67	Low	Poor	Low	Low	9.34	-	-	0.00	4.67	0.00	9.34	-	-	-	-	Creation	Grassland - Modified grassland	4.67	Low	Poor	Low	Low	Low	1		9.01	-	-	-0.33	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
74	UKHab_Area	Woodland and forest - Other coniferous	4.67	Low	Poor	Low	Low	9.34	-	-	0.00	4.67	0.00	9.34	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	4.67	Low	Poor	Low	Medium	Low	1		9.91	-	-	0.57	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
75	UKHab_Area	Woodland and forest - Other coniferous	4.44	Low	Poor	Low	Low	8.88	-	-	0.00	4.44	0.00	8.88	-	-	-	-	Creation	Grassland - Bracken	4.44	Medium	Poor	Low	Low	Low	1		17.14	-	-	8.26	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
76	UKHab_Area	Woodland and forest - Other coniferous	2.22	Low	Poor	Low	Low	4.44	-	-	0.00	2.22	0.00	4.44	-	-	-	-	Creation	Grassland - Modified grassland	2.22	Low	Poor	Low	Low	Low	1		4.28	-	-	-0.16	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance

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77	UKHab_Area	Woodland and forest - Other coniferous	2.22	Low	Poor	Low	Low	4.44	-	-	0.00	2.22	0.00	4.44	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	2.22	Low	Poor	Low	Medium	Low	1		4.71	-	-	0.27	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
78	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.73	Medium	Moderate	Low	Medium	6.42	-	-	0.00	0.73	0.00	6.42	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.73	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-6.42	-	-	Permanent footprint, no +4TTTC added as urban habitat created
79	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.52	Medium	Poor	Low	Medium	2.29	-	-	0.00	0.52	0.00	2.29	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.52	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-2.29	-	-	Permanent footprint, no +4TTTC added as urban habitat created
80	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.27	Medium	Good	Low	Medium	3.56	-	-	0.00	0.27	0.00	3.56	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.27	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-3.56	-	-	Permanent footprint, no +4TTTC added as urban habitat created
81	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.01	Medium	Moderate	Low	Medium	0.09	-	-	0.00	0.01	0.00	0.09	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.09	-	-	Pile caps, no +4 TTTC as urban habitat created
82	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	1.10	Medium	Moderate	Low	Medium	9.68	-	-	0.00	1.10	0.00	9.68	-	-	-	-	Creation	Grassland - Bracken	1.10	Medium	Poor	Low	Low	Low	5		3.68	-	-	-6.00	-	-	Temporary footprint, 4 years TTTC added
83	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.55	Medium	Moderate	Low	Medium	4.84	-	-	0.00	0.55	0.00	4.84	-	-	-	-	Creation	Grassland - Modified grassland	0.55	Low	Poor	Low	Low	Low	5		0.92	-	-	-3.92	-	-	Temporary footprint, 4 years TTTC added
84	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.55	Medium	Moderate	Low	Medium	4.84	-	-	0.00	0.55	0.00	4.84	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.55	Low	Poor	Low	Medium	Low	5		1.01	-	-	-3.83	-	-	Temporary footprint, 4 years TTTC added
85	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.33	Medium	Poor	Low	Medium	1.45	-	-	0.00	0.33	0.00	1.45	-	-	-	-	Creation	Grassland - Bracken	0.33	Medium	Poor	Low	Low	Low	5		1.10	-	-	-0.35	-	-	Temporary footprint, 4 years TTTC added
86	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.16	Medium	Poor	Low	Medium	0.70	-	-	0.00	0.16	0.00	0.70	-	-	-	-	Creation	Grassland - Modified grassland	0.16	Low	Poor	Low	Low	Low	5		0.27	-	-	-0.44	-	-	Temporary footprint, 4 years TTTC added
87	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.16	Medium	Poor	Low	Medium	0.70	-	-	0.00	0.16	0.00	0.70	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.16	Low	Poor	Low	Medium	Low	5		0.29	-	-	-0.41	-	-	Temporary footprint, 4 years TTTC added
88	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.10	Medium	Good	Low	Medium	1.32	-	-	0.00	0.10	0.00	1.32	-	-	-	-	Creation	Grassland - Bracken	0.10	Medium	Poor	Low	Low	Low	5		0.33	-	-	-0.99	-	-	Temporary footprint, 4 years TTTC added
89	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.05	Medium	Good	Low	Medium	0.66	-	-	0.00	0.05	0.00	0.66	-	-	-	-	Creation	Grassland - Modified grassland	0.05	Low	Poor	Low	Low	Low	5		0.08	-	-	-0.58	-	-	Temporary footprint, 4 years TTTC added
90	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.05	Medium	Good	Low	Medium	0.66	-	-	0.00	0.05	0.00	0.66	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.05	Low	Poor	Low	Medium	Low	5		0.09	-	-	-0.57	-	-	Temporary footfrint final 4 year added
91	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	9.77	Medium	Moderate	Low	Medium	85.98	-	-	0.00	9.77	0.00	85.98	-	-	-	-	Creation	Grassland - Bracken	9.77	Medium	Poor	Low	Low	Low	1		37.71	-	-	-48.26	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
92	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	4.89	Medium	Moderate	Low	Medium	43.03	-	-	0.00	4.89	0.00	43.03	-	-	-	-	Creation	Grassland - Modified grassland	4.89	Low	Poor	Low	Low	Low	1		9.44	-	-	-33.59	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
93	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	4.89	Medium	Moderate	Low	Medium	43.03	-	-	0.00	4.89	0.00	43.03	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	4.89	Low	Poor	Low	Medium	Low	1		10.38	-	-	-32.65	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
94	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	3.75	Medium	Poor	Low	Medium	16.50	-	-	0.00	3.75	0.00	16.50	-	-	-	-	Creation	Grassland - Bracken	3.75	Medium	Poor	Low	Low	Low	1		14.48	-	-	-2.03	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
95	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	1.88	Medium	Poor	Low	Medium	8.27	-	-	0.00	1.88	0.00	8.27	-	-	-	-	Creation	Grassland - Modified grassland	1.88	Low	Poor	Low	Low	Low	1		3.63	-	-	-4.64	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
96	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	1.88	Medium	Poor	Low	Medium	8.27	-	-	0.00	1.88	0.00	8.27	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	1.88	Low	Poor	Low	Medium	Low	1		3.99	-	-	-4.28	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
97	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	1.39	Medium	Good	Low	Medium	18.35	-	-	0.00	1.39	0.00	18.35	-	-	-	-	Creation	Grassland - Bracken	1.39	Medium	Poor	Low	Low	Low	1		5.37	-	-	-12.98	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
98	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.70	Medium	Good	Low	Medium	9.24	-	-	0.00	0.70	0.00	9.24	-	-	-	-	Creation	Grassland - Modified grassland	0.70	Low	Poor	Low	Low	Low	1		1.35	-	-	-7.89	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
99	UKHab_Area	Woodland and forest - Other Scot's Pine woodland	0.70	Medium	Good	Low	Medium	9.24	-	-	0.00	0.70	0.00	9.24	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.70	Low	Poor	Low	Medium	Low	1		1.49	-	-	-7.75	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
100	UKHab_Area	Woodland and forest - Other woodland;	0.17	Medium	Moderate	Low	High	1.56	-	-	0.00	0.17	0.00	1.56	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.17	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.56	-	-	Permanent footprint, no +4TTTC added as urban habitat created
101	UKHab_Area	Woodland and forest - Other woodland;	0.01	Medium	Moderate	Low	High	0.09	-	-	0.00	0.01	0.00	0.09	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.09	-	-	Pile caps, no +4 TTTC as urban habitat created
102	UKHab_Area	Woodland and forest - Other woodland;	1.64	Medium	Moderate	Low	High	15.09	-	-	0.00	1.64	0.00	15.09	-	-	-	-	Creation	Grassland - Bracken	1.64	Medium	Poor	Low	Low	Low	5		5.49	-	-	-9.60	-	-	Temporary footprint, 4 years TTTC added
103	UKHab_Area	Woodland and forest - Other woodland;	0.82	Medium	Moderate	Low	High	7.54	-	-	0.00	0.82	0.00	7.54	-	-	-	-	Creation	Grassland - Modified grassland	0.82	Low	Poor	Low	Low	Low	5		1.37	-	-	-6.17	-	-	Temporary footprint, 4 years TTTC added
104	UKHab_Area	Woodland and forest - Other woodland;	0.82	Medium	Moderate	Low	High	7.54	-	-	0.00	0.82	0.00	7.54	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.82	Low	Poor	Low	Medium	Low	5		1.51	-	-	-6.03	-	-	Temporary footprint, 4 years TTTC added
105	UKHab_Area	Woodland and forest - Other woodland;	0.10	Medium	Poor	Low	High	0.46	-	-	0.00	0.10	0.00	0.46	-	-	-	-	Creation	Grassland - Bracken	0.10	Medium	Poor	Low	Low	Low	5		0.33	-	-	-0.13	-	-	Temporary footprint, 4 years TTTC added
106	UKHab_Area	Woodland and forest - Other woodland;	0.05	Medium	Poor	Low	High	0.23	-	-	0.00	0.05	0.00	0.23	-	-	-	-	Creation	Grassland - Modified grassland	0.05	Low	Poor	Low	Low	Low	5		0.08	-	-	-0.15	-	-	Temporary footprint, 4 years TTTC added
107	UKHab_Area	Woodland and forest - Other woodland;	0.05	Medium	Poor	Low	High	0.23	-	-	0.00	0.05	0.00	0.23	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.05	Low	Poor	Low	Medium	Low	5		0.09	-	-	-0.14	-	-	Temporary footprint, 4 years TTTC added
108	UKHab_Area	Woodland and forest - Other woodland;	7.47	Medium	Moderate	Low	High	68.72	-	-	0.00	7.47	0.00	68.72	-	-	-	-	Creation	Grassland - Bracken	7.47	Medium	Poor	Low	Low	Low	1		28.83	-	-	-39.89	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
109	UKHab_Area	Woodland and forest - Other woodland;	3.74	Medium	Moderate	Low	High	34.41	-	-	0.00	3.74	0.00	34.41	-	-	-	-	Creation	Grassland - Modified grassland	3.74	Low	Poor	Low	Low	Low	1		7.22	-	-	-27.19	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
110	UKHab_Area	Woodland and forest - Other woodland;	3.74	Medium	Moderate	Low	High	34.41	-	-	0.00	3.74	0.00	34.41	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	3.74	Low	Poor	Low	Medium	Low	1		7.94	-	-	-26.47	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
111	UKHab_Area	Woodland and forest - Other woodland;	2.32	Medium	Poor	Low	High	10.67	-	-	0.00	2.32	0.00	10.67	-	-	-	-	Creation	Grassland - Bracken	2.32	Medium	Poor	Low	Low	Low	1		8.96	-	-	-1.72	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
112	UKHab_Area	Woodland and forest - Other woodland;	1.16	Medium	Poor	Low	High	5.34	-	-	0.00	1.16	0.00	5.34	-	-	-	-	Creation	Grassland - Modified grassland	1.16	Low	Poor	Low	Low	Low	1		2.24	-	-	-3.10	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
113	UKHab_Area	Woodland and forest - Other woodland;	1.16	Medium	Poor	Low	High	5.34	-	-	0.00	1.16	0.00	5.34	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	1.16	Low	Poor	Low	Medium	Low	1		2.46	-	-	-2.87	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance

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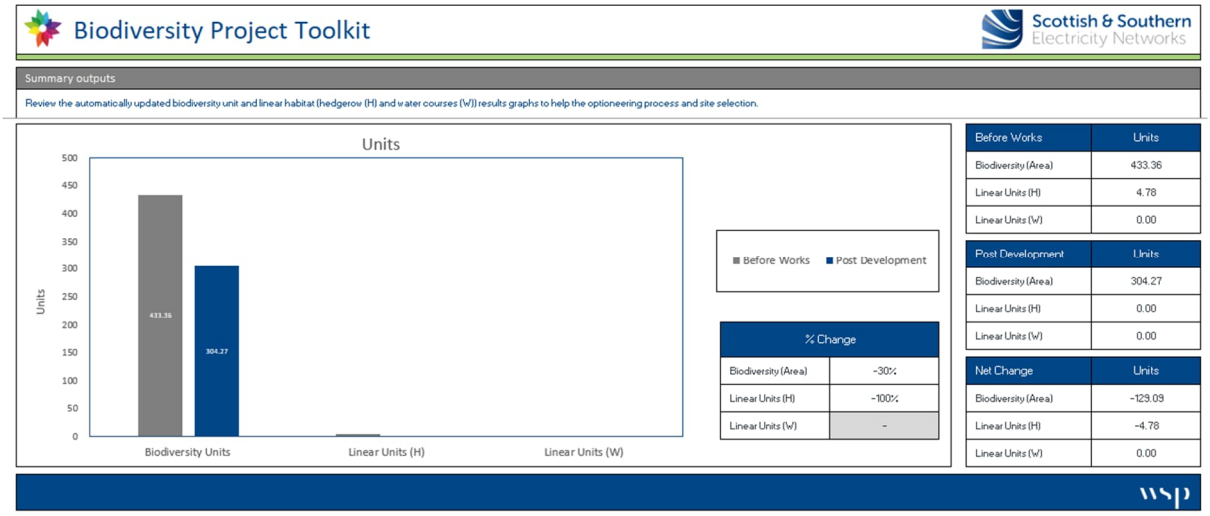
114	UKHab_Area	Woodland and forest - Other woodland;	0.33	Medium	Good	Low	High	4.55	-	-	0.00	0.33	0.00	4.55	-	-	-	-	Creation	Grassland - Bracken	0.33	Medium	Poor	Low	Low	Low	1		1.27	-	-	-3.28	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
115	UKHab_Area	Woodland and forest - Other woodland;	0.16	Medium	Good	Low	High	2.21	-	-	0.00	0.16	0.00	2.21	-	-	-	-	Creation	Grassland - Modified grassland	0.16	Low	Poor	Low	Low	Low	1		0.31	-	-	-1.90	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
116	UKHab_Area	Woodland and forest - Other woodland;	0.16	Medium	Good	Low	High	2.21	-	-	0.00	0.16	0.00	2.21	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.16	Low	Poor	Low	Medium	Low	1		0.34	-	-	-1.87	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
117	UKHab_Area	Woodland and forest - Other woodland; mixed	0.20	Medium	Poor	Low	High	0.92	-	-	0.00	0.20	0.00	0.92	-	-	-	-	Creation	Grassland - Bracken	0.20	Medium	Poor	Low	Low	Low	1		0.77	-	-	-0.15	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
118	UKHab_Area	Woodland and forest - Other woodland; mixed	0.10	Medium	Poor	Low	High	0.46	-	-	0.00	0.10	0.00	0.46	-	-	-	-	Creation	Grassland - Modified grassland	0.10	Low	Poor	Low	Low	Low	1		0.19	-	-	-0.27	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
119	UKHab_Area	Woodland and forest - Other woodland; mixed	0.10	Medium	Poor	Low	High	0.46	-	-	0.00	0.10	0.00	0.46	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.10	Low	Poor	Low	Medium	Low	1		0.21	-	-	-0.25	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
120	UKHab_Area	Woodland and forest - Other woodland; mixed	0.05	Medium	Moderate	Low	High	0.46	-	-	0.00	0.05	0.00	0.46	-	-	-	-	Creation	Grassland - Bracken	0.05	Medium	Poor	Low	Low	Low	1		0.19	-	-	-0.27	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
121	UKHab_Area	Woodland and forest - Other woodland; mixed	0.03	Medium	Moderate	Low	High	0.28	-	-	0.00	0.03	0.00	0.28	-	-	-	-	Creation	Grassland - Modified grassland	0.03	Low	Poor	Low	Low	Low	1		0.06	-	-	-0.22	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
122	UKHab_Area	Woodland and forest - Other woodland; mixed	0.03	Medium	Moderate	Low	High	0.28	-	-	0.00	0.03	0.00	0.28	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.03	Low	Poor	Low	Medium	Low	1		0.06	-	-	-0.21	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
123	UKHab_Area	Woodland and forest - Upland	0.47	Medium	Moderate	Low	High	4.32	-	-	0.00	0.47	0.00	4.32	-	-	-	-	Creation	Grassland - Bracken	0.47	Medium	Poor	Low	Low	Low	1		1.81	-	-	-2.51	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
124	UKHab_Area	Woodland and forest - Upland	0.23	Medium	Moderate	Low	High	2.12	-	-	0.00	0.23	0.00	2.12	-	-	-	-	Creation	Grassland - Modified grassland	0.23	Low	Poor	Low	Low	Low	1		0.44	-	-	-1.67	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
125	UKHab_Area	Woodland and forest - Upland	0.23	Medium	Moderate	Low	High	2.12	-	-	0.00	0.23	0.00	2.12	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.23	Low	Poor	Low	Medium	Low	1		0.49	-	-	-1.63	-	-	Woodland removal, no added 4 years TTTC as natural regen after clearance
126								TBC	TBC	TBC		TBC	TBC	TBC	TBC	TBC	TBC	TBC										TBC	TBC	TBC	TBC	TBC	TBC	
127	UKHab_Area	Wetland - Blanket bog	0.17	High	Poor	Moderate	High	1.29	-	-	0.00	0.17	0.00	1.29	-	-	-	-	Creation	Wetland - Blanket bog	0.17	High	Poor	Moderate	High	Medium	32+		0.28	-	-	-1.01	-	-	Crane pad, TTTC maxed out
128	UKHab_Area	Wetland - Blanket bog	0.90	High	Poor	Moderate	High	6.83	-	-	0.00	0.90	0.00	6.83	-	-	-	-	Creation	Wetland - Blanket bog	0.90	High	Poor	Moderate	High	Medium	32+		1.46	-	-	-5.37	-	-	Temp footprint final, TTTC maxed out
129								TBC	TBC	TBC		TBC	TBC	TBC	TBC	TBC	TBC	TBC										TBC	TBC	TBC	TBC	TBC	TBC	Kellas Section 1
130	UKHab_Area	Heathland and shrub - Upland Heathland	0.37	High	Good	Moderate	High	8.42	-	-	0.00	0.37	0.00	8.42	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	0.37	High	Moderate	Moderate	High	Medium	20		1.84	-	-	-6.58	-	-	Kellas 1 crane pads, No added 4 years
131	UKHab_Area	Heathland and shrub - Upland Heathland	0.51	High	Moderate	Moderate	High	7.74	-	-	0.00	0.51	0.00	7.74	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	0.51	High	Moderate	Moderate	High	Medium	20		2.54	-	-	-5.20	-	-	Kellas 1 crane pads, No added 4 years
132	UKHab_Area	Grassland - Upland acid grassland	0.12	High	Moderate	Moderate	Medium	1.74	-	-	0.00	0.12	0.00	1.74	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.12	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.74	-	-	Kellas 1 permanent access track ukhab, No added 4 years asurban habitat created
133	UKHab_Area	Heathland and shrub - Upland Heathland	0.63	High	Good	Moderate	High	14.35	-	-	0.00	0.63	0.00	14.35	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	0.63	High	Moderate	Moderate	High	Medium	20		3.14	-	-	-11.21	-	-	Kellas 1 permanent access track ukhab, No added 4 years asurban habitat created
134	UKHab_Area	Heathland and shrub - Upland Heathland	0.74	High	Moderate	Moderate	High	11.23	-	-	0.00	0.74	0.00	11.23	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.74	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-11.23	-	-	Kellas 1 permanent access track ukhab, No added 4 years asurban habitat created
135	UKHab_Area	Heathland and shrub - Upland Heathland	0.06	High	Poor	Moderate	High	0.46	-	-	0.00	0.06	0.00	0.46	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.06	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.46	-	-	Kellas 1 permanent access track ukhab, No added 4 years asurban habitat created
136	UKHab_Area	Urban - Suburban/mosaic of developed/natural surface	0.01	Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.01	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Kellas 1 permanent access track ukhab, No added 4 years asurban habitat created
137	UKHab_Area	Woodland and forest - Other coniferous	0.53	Low	Poor	Low	Low	1.06	-	-	0.00	0.53	0.00	1.06	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.53	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.06	-	-	Kellas 1 permanent access track ukhab, No added 4 years asurban habitat created
138	UKHab_Area	Heathland and shrub - Upland Heathland	0.01	High	Good	Moderate	High	0.23	-	-	0.00	0.01	0.00	0.23	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	0.01	High	Moderate	Moderate	High	Medium	20		0.05	-	-	-0.18	-	-	kellas 1 pilecap, No added 4 years and urban habitat created
139	UKHab_Area	Heathland and shrub - Upland Heathland	0.01	High	Moderate	Moderate	High	0.15	-	-	0.00	0.01	0.00	0.15	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.15	-	-	kellas 1 pilecap, No added 4 years and urban habitat created
140	UKHab_Area	Grassland - Upland acid grassland	0.25	High	Moderate	Moderate	Medium	3.63	-	-	0.00	0.25	0.00	3.63	-	-	-	-	Creation	Grassland - Upland acid grassland	0.25	High	Moderate	Moderate	Medium	Low	14		2.20	-	-	-1.43	-	-	kellas 1 temporary footprint , 4 years added
141	UKHab_Area	Heathland and shrub - Upland Heathland	1.43	High	Good	Moderate	High	32.56	-	-	0.00	1.43	0.00	32.56	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	1.43	High	Moderate	Moderate	High	Medium	24		6.18	-	-	-26.38	-	-	kellas 1 temporary footprint , 4 years added
142	UKHab_Area	Heathland and shrub - Upland Heathland	1.84	High	Moderate	Moderate	High	27.93	-	-	0.00	1.84	0.00	27.93	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	1.84	High	Moderate	Moderate	High	Medium	24		7.95	-	-	-19.98	-	-	kellas 1 temporary footprint , 4 years added
143	UKHab_Area	Woodland and forest - Other coniferous	0.43	Low	Poor	Low	Low	0.86	-	-	0.00	0.43	0.00	0.86	-	-	-	-	Creation	Grassland - Bracken	0.43	Medium	Poor	Low	Low	Low	5		1.44	-	-	0.58	-	-	kellas 1 temporary footprint , 4 years added
144	UKHab_Area	Woodland and forest - Other coniferous	0.21	Low	Poor	Low	Low	0.42	-	-	0.00	0.21	0.00	0.42	-	-	-	-	Creation	Grassland - Modified grassland	0.21	Low	Poor	Low	Low	Low	5		0.35	-	-	-0.07	-	-	kellas 1 temporary footprint , 4 years added
145	UKHab_Area	Woodland and forest - Other coniferous	0.21	Low	Poor	Low	Low	0.42	-	-	0.00	0.21	0.00	0.42	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.21	Low	Poor	Low	Medium	Low	5		0.39	-	-	-0.03	-	-	kellas 1 temporary footprint , 4 years added
146	UKHab_Area	Woodland and forest - Other coniferous	3.99	Low	Poor	Low	Low	7.98	-	-	0.00	3.99	0.00	7.98	-	-	-	-	Creation	Grassland - Bracken	3.99	Medium	Poor	Low	Low	Low	1		15.40	-	-	7.42	-	-	kellas 1 woodland removal, No added 4 years
147	UKHab_Area	Woodland and forest - Other coniferous	2.00	Low	Poor	Low	Low	4.00	-	-	0.00	2.00	0.00	4.00	-	-	-	-	Creation	Grassland - Modified grassland	2.00	Low	Poor	Low	Low	Low	1		3.86	-	-	-0.14	-	-	kellas 1 woodland removal, No added 4 years
148	UKHab_Area	Woodland and forest - Other coniferous	2.00	Low	Poor	Low	Low	4.00	-	-	0.00	2.00	0.00	4.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	2.00	Very Low	Poor	Low	Low	Low	1		0.00	-	-	-4.00	-	-	kellas 1 woodland removal, No added 4 years

Figure E-4: Aberdeenshire Council Non-irreplaceable Habitat Toolkit



Annex E - Table E-4: Aberdeenshire Council Non-irreplaceable Habitat Toolkit

Biodiversity Project Toolkit

Scottish & Southern Electricity Networks

Biodiversity Unit Calculation

Calculate biodiversity and linear (hedgerow (H) and watercourses (W)) units of your site by: (1) establishing the habitat; (2) identifying the condition, connectivity and strategic significance of that habitat, and; (3) entering the hectares (ha) or linear metres (m).

			Before works *(Baseline)*								**Action** *(During Works)*								**After work actions** *(Following Actions)*									**Post development**			**Net change**			
Ref	Calculation Units *(Area / Linear (H/W))*	UK Habitats	Area or Length of Habitat *(ha /km)*	Distinctiveness *Band*	Condition *Rating*	Connectivity *Rating*	Strategic significance *Rating*	Units			Area or Length of Habitat		Biodiversity Units		Linear Units (H)		Linear Units (W)		After work action	UK Habitats	Area or Length of Habitat *(ha /km)*	Distinctiveness *Band*	Target Condition *Rating*	Connectivity *Rating*	Strategic significance *Rating*	Difficulty	Time to target condition *(Years)*	Spatial	Post development units			Net change in units			Notes
								Biodiversity (Area)	Linear (H)	Linear (W)	*Retained*	*Removed*	*Retained*	*Removed*	*Retained*	*Removed*	*Retained*	*Removed*											Biodiversity (Area)	Linear (H)	Linear (W)	Biodiversity (Area)	Linear (H)	Linear (W)	
Project Total								**433.36**	**4.78**	**0.00**	**0.00**	**145.54**	**0.00**	**433.36**	**0.00**	**4.78**	**0.00**	**0.00**	***Project Total***										**304.27**	**0.00**	**0.00**	**-129.09**	**-4.78**	**0.00**	
1	UKHab_Linear_H	Native Hedgerow	0.10	Low	Good	Low	High	-	0.69	-	0.00	0.10	-	-	0.00	0.69	-	-											-	0.00	-	-	-0.69	-	
2	UKHab_Linear_H	Native Hedgerow	0.17	Low	Moderate	Low	High	-	0.78	-	0.00	0.17	-	-	0.00	0.78	-	-											-	0.00	-	-	-0.78	-	
3	UKHab_Linear_H	Line of Trees	0.72	Low	Moderate	Low	High	-	3.31	-	0.00	0.72	-	-	0.00	3.31	-	-											-	0.00	-	-	-3.31	-	
4	UKHab_Area	Heathland and shrub - Upland Heathland	0.07	High	Moderate	Moderate	High	1.06	-	-	0.00	0.07	0.00	1.06	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	0.07	High	Poor	Moderate	High	Medium	10		0.25	-	-	-0.81	-	-	Crane pads, no added 4 year
5	UKHab_Area	Cropland - Temporary grass and clover leys	0.06	Low	N/A - Agriculture	Low	Low	0.12	-	-	0.00	0.06	0.00	0.12	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.06	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.12	-	-	Permanent footprint, No added +4 TTTC as urban habitat created
6	UKHab_Area	Cropland - Cereal Crops	1.74	Low	N/A - Agriculture	Low	Low	3.48	-	-	0.00	1.74	0.00	3.48	-	-	-	-	Creation	Urban - Developed land; sealed surface	1.74	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-3.48	-	-	Permanent footprint, No added +4 TTTC as urban habitat created
7	UKHab_Area	Grassland - Other neutral grassland	0.01	High	Poor	Moderate	Medium	0.07	-	-	0.00	0.01	0.00	0.07	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.07	-	-	Permanent footprint, No added +4 TTTC as urban habitat created
8	UKHab_Area	Grassland - Other neutral grassland	0.26	High	Moderate	Moderate	Medium	3.78	-	-	0.00	0.26	0.00	3.78	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.26	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-3.78	-	-	Permanent footprint, No added +4 TTTC as urban habitat created
9	UKHab_Area	Grassland - Modified grassland	0.97	Low	Poor	Low	Low	1.94	-	-	0.00	0.97	0.00	1.94	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.97	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.94	-	-	Permanent footprint, No added +4 TTTC as urban habitat created
10	UKHab_Area	Heathland and shrub - Mixed scrub	0.01	Low	Moderate	Low	Medium	0.04	-	-	0.00	0.01	0.00	0.04	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.04	-	-	Permanent footprint, No added +4 TTTC as urban habitat created
11	UKHab_Area	Urban - Developed land; sealed surface	0.18	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.18	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.18	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Permanent footprint, No added +4 TTTC as urban habitat created
12	UKHab_Area	Urban - Artificial unvegetated, unsealed surface	0.09	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.09	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.09	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Permanent footprint, No added +4 TTTC as urban habitat created
13	UKHab_Area	Urban - Suburban/mosaic of developed/natural surface	0.02	Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.02	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.02	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Permanent footprint, No added +4 TTTC as urban habitat created
14	UKHab_Area	Urban - Built linear features	1.24	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	1.24	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	1.24	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Permanent footprint, No added +4 TTTC as urban habitat created
15	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.02	Medium	Good	Low	High	0.28	-	-	0.00	0.02	0.00	0.28	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.02	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.28	-	-	Permanent footprint, No added +4 TTTC as urban habitat created
16	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.20	Medium	Moderate	Low	High	1.84	-	-	0.00	0.20	0.00	1.84	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.20	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.84	-	-	Permanent footprint, No added +4 TTTC as urban habitat created
17	UKHab_Area	Woodland and forest - Other woodland; mixed	0.08	Medium	Moderate	Low	High	0.74	-	-	0.00	0.08	0.00	0.74	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.08	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.74	-	-	Permanent footprint, No added +4 TTTC as urban habitat created
18	UKHab_Area	Woodland and forest - Other coniferous woodland	1.30	Low	Poor	Low	Low	2.60	-	-	0.00	1.30	0.00	2.60	-	-	-	-	Creation	Urban - Developed land; sealed surface	1.30	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-2.60	-	-	Permanent footprint, No added +4 TTTC as urban habitat created
19	UKHab_Area	Cropland - Cereal Crops	0.11	Low	N/A - Agriculture	Low	Low	0.22	-	-	0.00	0.11	0.00	0.22	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.11	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.22	-	-	Pile caps, No added +4TTTC as urban habitat created
20	UKHab_Area	Grassland - Modified grassland	0.05	Low	Poor	Low	Low	0.10	-	-	0.00	0.05	0.00	0.10	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.05	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.10	-	-	Pile caps, No added +4TTTC as urban habitat created
21	UKHab_Area	Woodland and forest - Other coniferous woodland	0.01	Low	Poor	Low	Low	0.02	-	-	0.00	0.01	0.00	0.02	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.01	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.02	-	-	Pile caps, No added +4TTTC as urban habitat created
22	UKHab_Area	Cropland - Temporary grass and clover leys	1.28	Low	N/A - Agriculture	Low	Low	2.56	-	-	0.00	1.28	0.00	2.56	-	-	-	-	Creation	Cropland - Temporary grass and clover leys	1.28	Low	N/A - Agriculture	Low	Low	Low	5		2.14	-	-	-0.42	-	-	Temporary footprint, +4 TTTC added
23	UKHab_Area	Cropland - Cereal Crops	11.77	Low	N/A - Agriculture	Low	Low	23.54	-	-	0.00	11.77	0.00	23.54	-	-	-	-	Creation	Cropland - Cereal Crops	11.77	Low	N/A - Agriculture	Low	Low	Low	5		19.70	-	-	-3.84	-	-	Temporary footprint, +4 TTTC added
24	UKHab_Area	Cropland - Cereal Crops	36.92	Low	N/A - Agriculture	Low	Low	73.84	-	-	0.00	36.92	0.00	73.84	-	-	-	-	Creation	Cropland - Cereal Crops	36.92	Low	N/A - Agriculture	Low	Low	Low	5		61.80	-	-	-12.04	-	-	Temporary footprint, +4 TTTC added
25	UKHab_Area	Wetland - Other swamps	0.26	Medium	Moderate	Low	Medium	2.29	-	-	0.00	0.26	0.00	2.29	-	-	-	-	Creation	Wetland - Other swamps	0.26	Medium	Moderate	Low	Medium	Medium	11		1.04	-	-	-1.25	-	-	Temporary footprint, +4 TTTC added
26	UKHab_Area	Grassland - Other neutral grassland	0.01	High	Good	Moderate	Medium	0.22	-	-	0.00	0.01	0.00	0.22	-	-	-	-	Creation	Grassland - Other neutral grassland	0.01	High	Moderate	Moderate	Medium	Low	9		0.11	-	-	-0.11	-	-	Temporary footprint, +4 TTTC added
27	UKHab_Area	Grassland - Other neutral grassland	0.42	High	Moderate	Moderate	Medium	6.10	-	-	0.00	0.42	0.00	6.10	-	-	-	-	Creation	Grassland - Other neutral grassland	0.42	High	Moderate	Moderate	Medium	Low	9		4.43	-	-	-1.67	-	-	Temporary footprint, +4 TTTC added
28	UKHab_Area	Grassland - Other neutral grassland	0.59	High	Poor	Moderate	Medium	4.28	-	-	0.00	0.59	0.00	4.28	-	-	-	-	Creation	Grassland - Other neutral grassland	0.59	High	Poor	Moderate	Medium	Low	6		3.46	-	-	-0.82	-	-	Temporary footprint, +4 TTTC added
29	UKHab_Area	Grassland - Modified grassland	0.43	Low	Good	Low	Low	2.58	-	-	0.00	0.43	0.00	2.58	-	-	-	-	Creation	Grassland - Modified grassland	0.43	Low	Moderate	Low	Low	Low	8		1.29	-	-	-1.29	-	-	Temporary footprint, +4 TTTC added
30	UKHab_Area	Grassland - Modified grassland	0.49	Low	Moderate	Low	Low	1.96	-	-	0.00	0.49	0.00	1.96	-	-	-	-	Creation	Grassland - Modified grassland	0.49	Low	Moderate	Low	Low	Low	8		1.47	-	-	-0.49	-	-	Temporary footprint, +4 TTTC added
31	UKHab_Area	Grassland - Modified grassland	23.82	Low	Poor	Low	Low	47.64	-	-	0.00	23.82	0.00	47.64	-	-	-	-	Creation	Grassland - Modified grassland	23.82	Low	Poor	Low	Low	Low	5		39.87	-	-	-7.77	-	-	Temporary footprint, +4 TTTC added
32	UKHab_Area	Heathland and shrub - Upland Heathland	0.13	High	Moderate	Moderate	High	1.97	-	-	0.00	0.13	0.00	1.97	-	-	-	-	Creation	Heathland and shrub - Upland Heathland	0.13	High	Moderate	Moderate	High	Medium	24		0.56	-	-	-1.41	-	-	Temporary footprint, +4 TTTC added
33	UKHab_Area	Heathland and shrub - Mixed scrub	0.03	Low	Moderate	Low	Medium	0.13	-	-	0.00	0.03	0.00	0.13	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.03	Low	Moderate	Low	Medium	Low	9		0.10	-	-	-0.04	-	-	Temporary footprint, +4 TTTC added
34	UKHab_Area	Heathland and shrub - Gorse scrub	0.02	Low	Poor	Low	Medium	0.04	-	-	0.00	0.02	0.00	0.04	-	-	-	-	Creation	Heathland and shrub - Gorse scrub	0.02	Low	Poor	Low	Medium	Low	5		0.04	-	-	-0.01	-	-	Temporary footprint, +4 TTTC added
35	UKHab_Area	Urban - Developed land; sealed surface	0.12	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.12	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.12	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Temporary footprintl, No added +4 TTTC as urban habitat created

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36	UKHab_Area	Urban - Artificial unvegetated, unsealed surface	0.02	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.02	0.00	0.00	-	-	-	-	Creation	Urban - Artificial unvegetated, unsealed surface	0.02	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Temporary footprintl, No added +4 TTTC as urban habitat created
37	UKHab_Area	Urban - Suburban/mosaic of developed/natural surface	0.24	Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.24	0.00	0.00	-	-	-	-	Creation	Urban - Suburban/mosaic of developed/natural surface	0.24	Low	N/A - No biodiversity value	Low	Low	Low	5		0.00	-	-	0.00	-	-	Temporary footprint, +4 TTTC added
38	UKHab_Area	Urban - Built linear features	1.47	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	1.47	0.00	0.00	-	-	-	-	Creation	Urban - Built linear features	1.47	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Temporary footprintl, No added +4 TTTC as urban habitat created
39	UKHab_Area	Urban - Suburban/mosaic of developed/natural surface	0.10	Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.10	0.00	0.00	-	-	-	-	Creation	Urban - Suburban/mosaic of developed/natural surface	0.10	Low	N/A - No biodiversity value	Low	Low	Low	5		0.00	-	-	0.00	-	-	Temporary footprint, +4 TTTC added
40	UKHab_Area	Woodland and forest - Upland birchwoods	0.08	Medium	Moderate	Low	High	0.74	-	-	0.00	0.08	0.00	0.74	-	-	-	-	Creation	Grassland - Bracken	0.08	Medium	Poor	Low	Low	Low	5		0.27	-	-	-0.47	-	-	Temporary footprint, +4 TTTC added
41	UKHab_Area	Woodland and forest - Upland birchwoods	0.04	Medium	Moderate	Low	High	0.37	-	-	0.00	0.04	0.00	0.37	-	-	-	-	Creation	Grassland - Modified grassland	0.04	Low	Poor	Low	Low	Low	5		0.07	-	-	-0.30	-	-	Temporary footprint, +4 TTTC added
42	UKHab_Area	Woodland and forest - Upland birchwoods	0.04	Medium	Moderate	Low	High	0.37	-	-	0.00	0.04	0.00	0.37	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.04	Low	Poor	Low	Medium	Low	5		0.07	-	-	-0.29	-	-	Temporary footprint, +4 TTTC added
43	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.02	Medium	Good	Low	High	0.28	-	-	0.00	0.02	0.00	0.28	-	-	-	-	Creation	Grassland - Bracken	0.02	Medium	Poor	Low	Low	Low	5		0.07	-	-	-0.21	-	-	Temporary footprint, +4 TTTC added
44	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.01	Medium	Good	Low	High	0.14	-	-	0.00	0.01	0.00	0.14	-	-	-	-	Creation	Grassland - Modified grassland	0.01	Low	Poor	Low	Low	Low	5		0.02	-	-	-0.12	-	-	Temporary footprint, +4 TTTC added
45	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.01	Medium	Good	Low	High	0.14	-	-	0.00	0.01	0.00	0.14	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.01	Low	Poor	Low	Medium	Low	5		0.02	-	-	-0.12	-	-	Temporary footprint, +4 TTTC added
46	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.06	Medium	Poor	Low	High	0.28	-	-	0.00	0.06	0.00	0.28	-	-	-	-	Creation	Grassland - Bracken	0.06	Medium	Poor	Low	Low	Low	5		0.20	-	-	-0.08	-	-	Temporary footprint, +4 TTTC added
47	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.03	Medium	Poor	Low	High	0.14	-	-	0.00	0.03	0.00	0.14	-	-	-	-	Creation	Grassland - Modified grassland	0.03	Low	Poor	Low	Low	Low	5		0.05	-	-	-0.09	-	-	Temporary footprint, +4 TTTC added
48	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.03	Medium	Poor	Low	High	0.14	-	-	0.00	0.03	0.00	0.14	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.03	Low	Poor	Low	Medium	Low	5		0.06	-	-	-0.08	-	-	Temporary footprint, +4 TTTC added
49	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.61	Medium	Moderate	Low	High	5.61	-	-	0.00	0.61	0.00	5.61	-	-	-	-	Creation	Grassland - Bracken	0.61	Medium	Poor	Low	Low	Low	5		2.04	-	-	-3.57	-	-	Temporary footprint, +4 TTTC added
50	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.31	Medium	Moderate	Low	High	2.85	-	-	0.00	0.31	0.00	2.85	-	-	-	-	Creation	Grassland - Modified grassland	0.31	Low	Poor	Low	Low	Low	5		0.52	-	-	-2.33	-	-	Temporary footprint, +4 TTTC added
51	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.31	Medium	Moderate	Low	High	2.85	-	-	0.00	0.31	0.00	2.85	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.31	Low	Poor	Low	Medium	Low	5		0.57	-	-	-2.28	-	-	Temporary footprint, +4 TTTC added
52	UKHab_Area	Woodland and forest - Other woodland; mixed	0.21	Medium	Moderate	Low	High	1.93	-	-	0.00	0.21	0.00	1.93	-	-	-	-	Creation	Grassland - Bracken	0.21	Medium	Poor	Low	Low	Low	5		0.70	-	-	-1.23	-	-	Temporary footprint, +4 TTTC added
53	UKHab_Area	Woodland and forest - Other woodland; mixed	0.10	Medium	Moderate	Low	High	0.92	-	-	0.00	0.10	0.00	0.92	-	-	-	-	Creation	Grassland - Modified grassland	0.10	Low	Poor	Low	Low	Low	5		0.17	-	-	-0.75	-	-	Temporary footprint, +4 TTTC added
54	UKHab_Area	Woodland and forest - Other woodland; mixed	0.10	Medium	Moderate	Low	High	0.92	-	-	0.00	0.10	0.00	0.92	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.10	Low	Poor	Low	Medium	Low	5		0.18	-	-	-0.74	-	-	Temporary footprint, +4 TTTC added
55	UKHab_Area	Woodland and forest - Other woodland; mixed	0.52	Medium	Poor	Low	High	2.39	-	-	0.00	0.52	0.00	2.39	-	-	-	-	Creation	Grassland - Bracken	0.52	Medium	Poor	Low	Low	Low	5		1.74	-	-	-0.65	-	-	Temporary footprint, +4 TTTC added
56	UKHab_Area	Woodland and forest - Other woodland; mixed	0.26	Medium	Poor	Low	High	1.20	-	-	0.00	0.26	0.00	1.20	-	-	-	-	Creation	Grassland - Modified grassland	0.26	Low	Poor	Low	Low	Low	5		0.44	-	-	-0.76	-	-	Temporary footprint, +4 TTTC added
57	UKHab_Area	Woodland and forest - Other woodland; mixed	0.26	Medium	Poor	Low	High	1.20	-	-	0.00	0.26	0.00	1.20	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.26	Low	Poor	Low	Medium	Low	5		0.48	-	-	-0.72	-	-	Temporary footprint, +4 TTTC added
58	UKHab_Area	Woodland and forest - Other coniferous woodland	0.22	Low	Poor	Low	Low	0.44	-	-	0.00	0.22	0.00	0.44	-	-	-	-	Creation	Grassland - Bracken	0.22	Medium	Poor	Low	Low	Low	5		0.74	-	-	0.30	-	-	Temporary footprint, +4 TTTC added
59	UKHab_Area	Woodland and forest - Other coniferous woodland	0.11	Low	Poor	Low	Low	0.22	-	-	0.00	0.11	0.00	0.22	-	-	-	-	Creation	Grassland - Modified grassland	0.11	Low	Poor	Low	Low	Low	5		0.18	-	-	-0.04	-	-	Temporary footprint, +4 TTTC added
60	UKHab_Area	Woodland and forest - Other coniferous woodland	0.11	Low	Poor	Low	Low	0.22	-	-	0.00	0.11	0.00	0.22	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.11	Low	Poor	Low	Medium	Low	5		0.20	-	-	-0.02	-	-	Temporary footprint, +4 TTTC added
61	UKHab_Area	Woodland and forest - Other coniferous woodland	2.10	Low	Poor	Low	Low	4.20	-	-	0.00	2.10	0.00	4.20	-	-	-	-	Creation	Grassland - Bracken	2.10	Medium	Poor	Low	Low	Low	5		7.03	-	-	2.83	-	-	Temporary footprint, +4 TTTC added
62	UKHab_Area	Woodland and forest - Other coniferous woodland	1.05	Low	Poor	Low	Low	2.10	-	-	0.00	1.05	0.00	2.10	-	-	-	-	Creation	Grassland - Modified grassland	1.05	Low	Poor	Low	Low	Low	5		1.76	-	-	-0.34	-	-	Temporary footprint, +4 TTTC added
63	UKHab_Area	Woodland and forest - Other coniferous woodland	1.05	Low	Poor	Low	Low	2.10	-	-	0.00	1.05	0.00	2.10	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	1.05	Low	Poor	Low	Medium	Low	5		1.93	-	-	-0.17	-	-	Temporary footprint, +4 TTTC added
64	UKHab_Area	Woodland and forest - Native pine woodlands	0.03	High	Moderate	Moderate	High	0.46	-	-	0.00	0.03	0.00	0.46	-	-	-	-	Creation	Grassland - Bracken	0.03	Medium	Poor	Low	Low	Low	1		0.12	-	-	-0.34	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
65	UKHab_Area	Woodland and forest - Native pine woodlands	0.02	High	Moderate	Moderate	High	0.30	-	-	0.00	0.02	0.00	0.30	-	-	-	-	Creation	Grassland - Modified grassland	0.02	Low	Poor	Low	Low	Low	1		0.04	-	-	-0.27	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
66	UKHab_Area	Woodland and forest - Native pine woodlands	0.02	High	Moderate	Moderate	High	0.30	-	-	0.00	0.02	0.00	0.30	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.02	Low	Poor	Low	Medium	Low	1		0.04	-	-	-0.26	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
67	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.08	Medium	Moderate	Low	High	0.74	-	-	0.00	0.08	0.00	0.74	-	-	-	-	Creation	Grassland - Bracken	0.08	Medium	Poor	Low	Low	Low	1		0.31	-	-	-0.43	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance

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68	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.04	Medium	Moderate	Low	High	0.37	-	-	0.00	0.04	0.00	0.37	-	-	-	-	Creation	Grassland - Modified grassland	0.04	Low	Poor	Low	Low	Low	1		0.08	-	-	-0.29	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
69	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.04	Medium	Moderate	Low	High	0.37	-	-	0.00	0.04	0.00	0.37	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.04	Low	Poor	Low	Medium	Low	1		0.08	-	-	-0.28	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
70	UKHab_Area	Woodland and forest - Wet woodland	0.14	High	Moderate	Moderate	High	2.13	-	-	0.00	0.14	0.00	2.13	-	-	-	-	Creation	Grassland - Bracken	0.14	Medium	Poor	Low	Low	Low	1		0.54	-	-	-1.58	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
71	UKHab_Area	Woodland and forest - Wet woodland	0.07	High	Moderate	Moderate	High	1.06	-	-	0.00	0.07	0.00	1.06	-	-	-	-	Creation	Grassland - Modified grassland	0.07	Low	Poor	Low	Low	Low	1		0.14	-	-	-0.93	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
72	UKHab_Area	Woodland and forest - Wet woodland	0.07	High	Moderate	Moderate	High	1.06	-	-	0.00	0.07	0.00	1.06	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.07	Low	Poor	Low	Medium	Low	1		0.15	-	-	-0.91	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
73	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.16	Medium	Good	Low	High	2.21	-	-	0.00	0.16	0.00	2.21	-	-	-	-	Creation	Grassland - Bracken	0.16	Medium	Poor	Low	Low	Low	1		0.62	-	-	-1.59	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
74	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.08	Medium	Good	Low	High	1.10	-	-	0.00	0.08	0.00	1.10	-	-	-	-	Creation	Grassland - Modified grassland	0.08	Low	Poor	Low	Low	Low	1		0.15	-	-	-0.95	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
75	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.08	Medium	Good	Low	High	1.10	-	-	0.00	0.08	0.00	1.10	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.08	Low	Poor	Low	Medium	Low	1		0.17	-	-	-0.93	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
76	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.21	Medium	Poor	Low	High	0.97	-	-	0.00	0.21	0.00	0.97	-	-	-	-	Creation	Grassland - Bracken	0.21	Medium	Poor	Low	Low	Low	1		0.81	-	-	-0.16	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
77	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.11	Medium	Poor	Low	High	0.51	-	-	0.00	0.11	0.00	0.51	-	-	-	-	Creation	Grassland - Modified grassland	0.11	Low	Poor	Low	Low	Low	1		0.21	-	-	-0.29	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
78	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.11	Medium	Poor	Low	High	0.51	-	-	0.00	0.11	0.00	0.51	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.11	Low	Poor	Low	Medium	Low	1		0.23	-	-	-0.27	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
79	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.33	Medium	Good	Low	High	4.55	-	-	0.00	0.33	0.00	4.55	-	-	-	-	Creation	Grassland - Bracken	0.33	Medium	Poor	Low	Low	Low	1		1.27	-	-	-3.28	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
80	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.17	Medium	Good	Low	High	2.35	-	-	0.00	0.17	0.00	2.35	-	-	-	-	Creation	Grassland - Modified grassland	0.17	Low	Poor	Low	Low	Low	1		0.33	-	-	-2.02	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
81	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.17	Medium	Good	Low	High	2.35	-	-	0.00	0.17	0.00	2.35	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.17	Low	Poor	Low	Medium	Low	1		0.36	-	-	-1.99	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
82	UKHab_Area	Woodland and forest - Other coniferous woodland	0.83	Low	Poor	Low	Low	1.66	-	-	0.00	0.83	0.00	1.66	-	-	-	-	Creation	Grassland - Bracken	0.83	Medium	Poor	Low	Low	Low	1		3.20	-	-	1.54	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
83	UKHab_Area	Woodland and forest - Other coniferous woodland	0.42	Low	Poor	Low	Low	0.84	-	-	0.00	0.42	0.00	0.84	-	-	-	-	Creation	Grassland - Modified grassland	0.42	Low	Poor	Low	Low	Low	1		0.81	-	-	-0.03	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
84	UKHab_Area	Woodland and forest - Other coniferous woodland	0.42	Low	Poor	Low	Low	0.84	-	-	0.00	0.42	0.00	0.84	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.42	Low	Poor	Low	Medium	Low	1		0.89	-	-	0.05	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
85	UKHab_Area	Woodland and forest - Other woodland; mixed	1.82	Medium	Poor	Low	High	8.37	-	-	0.00	1.82	0.00	8.37	-	-	-	-	Creation	Grassland - Bracken	1.82	Medium	Poor	Low	Low	Low	1		7.03	-	-	-1.35	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
86	UKHab_Area	Woodland and forest - Other woodland; mixed	0.91	Medium	Poor	Low	High	4.19	-	-	0.00	0.91	0.00	4.19	-	-	-	-	Creation	Grassland - Modified grassland	0.91	Low	Poor	Low	Low	Low	1		1.76	-	-	-2.43	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
87	UKHab_Area	Woodland and forest - Other woodland; mixed	0.91	Medium	Poor	Low	High	4.19	-	-	0.00	0.91	0.00	4.19	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.91	Low	Poor	Low	Medium	Low	1		1.93	-	-	-2.25	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
88	UKHab_Area	Woodland and forest - Other woodland; mixed	1.95	Medium	Moderate	Low	High	17.94	-	-	0.00	1.95	0.00	17.94	-	-	-	-	Creation	Grassland - Bracken	1.95	Medium	Poor	Low	Low	Low	1		7.53	-	-	-10.41	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
89	UKHab_Area	Woodland and forest - Other woodland; mixed	0.97	Medium	Moderate	Low	High	8.92	-	-	0.00	0.97	0.00	8.92	-	-	-	-	Creation	Grassland - Modified grassland	0.97	Low	Poor	Low	Low	Low	1		1.87	-	-	-7.05	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
90	UKHab_Area	Woodland and forest - Other woodland; mixed	0.97	Medium	Moderate	Low	High	8.92	-	-	0.00	0.97	0.00	8.92	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	0.97	Low	Poor	Low	Medium	Low	1		2.06	-	-	-6.86	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
91	UKHab_Area	Woodland and forest - Other woodland; broadleaved	3.69	Medium	Moderate	Low	High	33.95	-	-	0.00	3.69	0.00	33.95	-	-	-	-	Creation	Grassland - Bracken	3.69	Medium	Poor	Low	Low	Low	1		14.24	-	-	-19.70	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
92	UKHab_Area	Woodland and forest - Other woodland; broadleaved	1.85	Medium	Moderate	Low	High	17.02	-	-	0.00	1.85	0.00	17.02	-	-	-	-	Creation	Grassland - Modified grassland	1.85	Low	Poor	Low	Low	Low	1		3.57	-	-	-13.45	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
93	UKHab_Area	Woodland and forest - Other woodland; broadleaved	1.85	Medium	Moderate	Low	High	17.02	-	-	0.00	1.85	0.00	17.02	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	1.85	Low	Poor	Low	Medium	Low	1		3.93	-	-	-13.09	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
94	UKHab_Area	Woodland and forest - Other coniferous woodland	15.81	Low	Poor	Low	Low	31.62	-	-	0.00	15.81	0.00	31.62	-	-	-	-	Creation	Grassland - Bracken	15.81	Medium	Poor	Low	Low	Low	1		61.03	-	-	29.41	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
95	UKHab_Area	Woodland and forest - Other coniferous woodland	7.90	Low	Poor	Low	Low	15.80	-	-	0.00	7.90	0.00	15.80	-	-	-	-	Creation	Grassland - Modified grassland	7.90	Low	Poor	Low	Low	Low	1		15.25	-	-	-0.55	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
96	UKHab_Area	Woodland and forest - Other coniferous woodland	7.90	Low	Poor	Low	Low	15.80	-	-	0.00	7.90	0.00	15.80	-	-	-	-	Creation	Heathland and shrub - Mixed scrub	7.90	Low	Poor	Low	Medium	Low	1		16.77	-	-	0.97	-	-	Woodland removal, no added +4 TTTC as natural regen after clearance
97								TBC	TBC	TBC		TBC	TBC	TBC	TBC	TBC	TBC	TBC										TBC	TBC	TBC	TBC	TBC	TBC	Additional Access Track
98	UKHab_Area	Cropland - Cereal Crops	0.29	Low	N/A - Agriculture	Low	Low	0.58	-	-	0.00	0.29	0.00	0.58	-	-	-	-	Creation	Cropland - Cereal Crops	0.29	Low	N/A - Agriculture	Low	Low	Low	5		0.49	-	-	-0.09	-	-	Additional Access Track, Temporary Additional Access Track, 4 years added
99	UKHab_Area	Cropland - Cereal Crops	0.10	Low	N/A - Agriculture	Low	Low	0.20	-	-	0.00	0.10	0.00	0.20	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.10	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.20	-	-	Additional Access Track, Permanent Additional Access Track, No 4 years added

Annex E - Table E-4: Aberdeenshire Council Non-irreplaceable Habitat Toolkit

100	UKHab_Area	Grassland - Other neutral grassland	0.07	High	Moderate	Moderate	Medium	1.02	-	-	0.00	0.07	0.00	1.02	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.07	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.02	-	-	Additional Access Track, Permanent Additional Access Track, No 4 years added
101	UKHab_Area	Grassland - Modified grassland	0.30	Low	Poor	Low	Low	0.60	-	-	0.00	0.30	0.00	0.60	-	-	-	-	Creation	Grassland - Modified grassland	0.30	Low	Poor	Low	Low	Low	5		0.50	-	-	-0.10	-	-	Additional Access Track, Temporary Additional Access Track, 4 years added
102	UKHab_Area	Urban - Built linear features	0.15	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.15	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.15	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Additional Access Track, Permanent Additional Access Track, No 4 years added
103	UKHab_Area	Urban - Built linear features	0.29	Very Low	N/A - No biodiversity value	Low	Low	0.00	-	-	0.00	0.29	0.00	0.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.29	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	0.00	-	-	Additional Access Track, Permanent Additional Access Track, No 4 years added
104	UKHab_Area	Woodland and forest - Lowland mixed deciduous woodland	0.07	Medium	Good	Low	High	0.97	-	-	0.00	0.07	0.00	0.97	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.07	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.97	-	-	Additional Access Track, Permanent Additional Access Track, No 4 years added
105	UKHab_Area	Woodland and forest - Other woodland; broadleaved	0.08	Medium	Moderate	Low	High	0.74	-	-	0.00	0.08	0.00	0.74	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.08	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-0.74	-	-	Additional Access Track, Permanent Additional Access Track, No 4 years added
106	UKHab_Area	Woodland and forest - Other woodland; mixed	0.39	Medium	Moderate	Low	High	3.59	-	-	0.00	0.39	0.00	3.59	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.39	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-3.59	-	-	Additional Access Track, Permanent Additional Access Track, No 4 years added
107	UKHab_Area	Woodland and forest - Other coniferous woodland	0.50	Low	Poor	Low	Low	1.00	-	-	0.00	0.50	0.00	1.00	-	-	-	-	Creation	Urban - Developed land; sealed surface	0.50	Very Low	N/A - No biodiversity value	Low	Low	Low	0		0.00	-	-	-1.00	-	-	Additional Access Track, Permanent Additional Access Track, No 4 years added

Annex F Outline Habitat Management Plan (oHMP)

This document sets out the strategy the Applicant proposes to employ to ensure habitat management measures are implemented. Measures are required to mitigate the effects on identified features within the Appendix 8.3: Biodiversity Net Gain Assessment Report and the Chapter 9: Ornithology, as well as delivering additional biodiversity improvements across the Proposed Development and off-site areas, cognisant of the requirement of National Planning Framework 4 (NPF4) , Policy 3 that *"development proposals will contribute to the enhancement of biodiversity, including where relevant, restoring degraded habitats"*.

This oHMP provides a summary of the restoration opportunities and scope of habitat management works to offset predicted loss of peatland habitats from within the Proposed Development, alongside additional enhancement measures.

A detailed HMP, which will include specific prescriptions and confirmation of the outlined habitat management measures, will be agreed with the relevant local planning authority, in consultation with Forestry & Land Scotland (FLS), NatureScot, and Scottish Environment Protection Area (SEPA), prior to the commencement of construction of the Proposed Development.

This oHMP provides examples of how habitats can be managed but provides no detail on locations for measures or their extent and timing, apart from the ornithological capercaillie mitigation. These details will be agreed with landowners and consultees and finalised at a later stage in the detailed HMP.

The outlined habitat interventions in this Annex set out the principles to be followed to inform the detailed HMP which will be developed once specific locations and potential restoration opportunities are confirmed. At the time of writing this report, August 2025, only high-level information on the area of impacted habitats and current condition is available.

The Applicant has committed to the following items in terms of habitat enhancement measures within the Proposed Development:

- Peatland reinstatement for areas of blanket bog; and
- Heathland management for Capercaillie.

The Applicant is committed to delivering the following habitat enhancement measures and is currently exploring opportunities and options on how to implement these measures, which will be set out in the detailed HMP:

- Off-site habitat creation to reach a 10% Biodiversity Net Gain across the Proposed Development;
- Off-setting the impact of the Proposed Development on HMP areas which related to existing windfarms which intersect the Proposed Development boundary; and
- Fringe planting and hedgerow screening within the Operational Corridor.

Peatland Reinstatement

The following text will be updating in line with the Peatland Management Plan. Once specific locations or more information on feasibility of other peatland restoration practices, such as ditch blocking, are confirmed, this can be amended in the oHMP.

Stabilisation and Revegetation – Mulching and Geo-textile Application

Actively eroding and exposed bare peat within the areas below temporary parts of the Proposed Development will require stabilising before vegetation can then be re-established. To support the re-vegetation of bare peat, brash / mulch coverage and textile application are suggested using the

following best practice measures[46], adapted from NatureScot (2023) – Peatland Action Technical Compendium[47] and YPP (2018)[48]:

Fertiliser Application

- Lime and fertiliser should be applied to increase surface pH and encourage plants to establish. The amount and concentration of chemical should be low and exhausted quickly to ensure appropriate species colonise. Fertiliser should not be spread alone as this is unlikely to be effective - the pH may require boosting with lime for phosphate fertiliser to be absorbed by plants. Any application of fertiliser or liming should be discussed with the Peatland ACTION officers on a case-by-case basis prior to application, to ensure there is no loss to water courses.

Brash and Mulch Application

- Brash / mulch needs a good donor site, with heather and good mix of cotton grass and mosses. The wider vicinity is likely to provide good mulch material and discussion should be had with the landowner to agree a suitable donor site. Although the donor site must be cut low (to get mosses), care should be taken not to expose the peat surface.
- It is recommended that mulch is cut during early Autumn when a seed source will be present. Early Autumn is recommended as application of mulch during winter weather conditions can be challenging.
- Mulch must be thick (3.5-5 centimetre (cm) at 330-695 bags per hectare), especially in upland areas. Either manual or mechanical compaction may be useful and will be considered on a case-by-case basis.
- Mulch should not be applied in a dry period as it can blow away. Consider other weather effects. Frost heave can have a big impact on mulch - consider applying mulch with a geotextile or sufficiently deep if this will be a problem. The best season for applying mulch can be spring after snow melt.
- Deer, hare and sheep may be attracted to the mulched area and break it up, which is likely to cause heightened tracking damage to the applied areas and the immediate surrounding area. The areas will be revisited periodically to determine if deer management measures, such as fencing, are required to support habitat recovery.

Geotextile

A geotextile application will be applied to support the re-vegetation and stabilisation of bare peat, this is considered necessary given the location of the Proposed Development, which is a particularly exposed site. The following is noted:

- Geotextile layers are found to be more effective if a layer of mulch is put down first.
- A wide range of geotextiles are available (coco mesh or sisal netting are considered more effective than geo-jute, which is likely to be less suitable due to the slow growing nature of the vegetation).
- The textile may need to be cut to size. They can be heavy to move and their weight can cause them to slump once installed. Large areas can be covered quickly as geotextiles can be rolled out like a carpet over flat areas.

[46] NatureScot (2012). Peatland Action Technical Compendium. Available: https://www.nature.scot/doc/peatland-action-technical-compendium-restoration-7-stabilisation-and-revegetation
[47] NatureScot (2022). Peatland ACTION - Technical Compendium. Available at: https://www.nature.scot/doc/peatland-action-technical-compendium
[48] Yorkshire Peatland Partnership (2018). Yorkshire Peat Partnership Technical Specification 3. Flat or gently sloping bare peat Stabilisation and Re-vegetation

- Applications of mulching and textiles are usually carried out by hand but due to the scale of the areas to be reinstated this may require adaptation.
- Wooden pegs (not metal or plastic) should be used to hold netting in place – at least two per edge per m. Pegs should be long with a notch at the top to keep the geo-textile netting secure.
- Textiles usually require ongoing checking and maintenance to re-insert pegs and / or correct slumping. The textile should be reviewed during monitoring surveys.

Heathland Management for Capercaillie

The following measures are required to reduce the risk of capercaillie colliding with the proposed OHL alignment. Where it passes through Dulsie Wood and the associated woodlands in The Highland Council area, between the following proposed OHL towers: Tower CB5-10 to Tower CB5-17A (Clunas Wood and Newlands of Fleenas Wood) and Tower CB5-21 to Tower CB6-6A (Dulsie Wood, Dalnaheiglish Wood to the B9007), ground layer habitat and vegetation will be managed to encourage capercaille to walk across the wayleave rather than fly across it. Capercaillie's preferred ground layer vegetation typically comprises heather *Calluna vulgaris* and blaeberry *Vaccinium myrtillus* and it is proposed to investigate the feasibility of retaining and / or establishing this heathland habitat along the sections of wayleave which intersect the woodlands associated with Dulsie Wood. Such conditions already exist along some corresponding sections of the existing proposed OHL alignment's wayleave.

In areas where the heather and blaeberry ground flora already exists, the vegetation will be protected from damage as much as possible during the felling and construction phase to retain this heathland character throughout the operational phase. Where the ground layer vegetation is disturbed and damaged during construction this may require reinstatement with seeding to encourage re-establishment of heathland vegetation.

In areas along the wayleave where heather and blaeberry do not already exist, it is proposed to seed these areas with an appropriate heathland seed mix and / or using heathland brash-bales containing seed capsules either translocated from elsewhere within the Proposed Development or from another local source. Additionally, blaeberry plugs may be necessary to encourage the inclusion of this species in the ground flora community. The establishment of heathland vegetation in these areas may be dependent on factors such as soil and light conditions, with full consideration of these factors necessary to understand feasibility. Where heathland conditions cannot be achieved, a rough tussock grassland habitat is proposed as an appropriate alternative.

To fully understand and develop the wayleave heathland habitat management through Dulsie Wood and the associated woodlands, a detailed habitat and soil condition assessment will be performed. Based on the results of this assessment a Capercaillie Heathland Habitat Management Plan will be prepared detailing the measures required to protect and retain existing heathland vegetation, establish heathland vegetation in areas where it is currently not present and monitoring and maintenance of the vegetation throughout the Proposed Development's operational lifespan. Landowner agreement will be secured.

At the time of writing this report, August 2025, specifics have not been determined. This will be elaborated on within the complete detailed HMP, once specifics on the feasibility and land owner involvement become available.

Off-site Habitat Creation

The BU and LU (H) required from off-site habitat creation is summarised as follows:

- The Highland Council area: 1099.63 BU and 5.19 LU (H);
- The Moray Council area (Kellas Standard Alignment): 524.63 BU and 2.08 LU (H); or
- The Moray Council area (Kellas Alternative Alignment): 529.87 BU and 2.08 LU (H); and
- The Aberdeenshire Council area: 172.43 BU and 5.26 LU (H).

The securing of offsets will be set out in the detailed HMP, yet to be produced, and Annex G: SSEN Transmission's Biodiversity Net Gain and Irreplaceable Habitat Off-Site Strategy. The Applicant will seek to open discussions with neighbouring landowners, identify suitable area for habitats restoration, and potentially deliver offsets across their wider project portfolio.

Off-setting Impact on Existing Windfarm HMP Areas

A review of the available HMPs from existing windfarms in proximity of the Proposed Development found that the Proposed Development has the potential to disturb the habitat management areas of three windfarms: Kellas Drum Wind Farm[49], Rothes I, II, and III Wind Farm[50], and Carine Duhie Wind Farm[51].

Kellas Drum Wind Farm

The Proposed Development is expected to cross the proposed Kellas Drum Wind Farm on Kellas Estate approximately 10 km southwest of Elgin within the Moray Council area. The windfarm has existing consent granted in 2014 and the planning application is now submitted. The Kellas Drum Wind Farm Outline HMP indicated that the Proposed Development will run through Vegetation Regeneration Areas and across peatland restoration where ditch blocking has been proposed by the Kellas Drum project. However, if the LoD of the Proposed Development is applied and the line is built as far south as possible, all oHMP areas are expected to be avoided.

Rothes I, II, and III Wind Farm

The Proposed Development runs through the northern section of Proposed Rothes III Wind Farm, Rothes I Moor Management Area (MMA) which is aimed at improving heather condition and habitats for moorland bird species and raptors, and Rothes II Landscape Management Plan (LMP) Areas. The Rothes windfarms are located to the south of Elgin in the Moray Council area. Although the Proposed Development crosses small parcels in the northwestern corner of the Rothes Phase II LMP, careful micro siting within the LoD of the Proposed Development can result in avoidance of Phase II LMP peat area.

Approximately 1.3 km of the Proposed Development crosses the Rothes windfarms Heather Management Area and there is a slight overlap of the Proposed Development across the northern section of the Rothes Heather Management Areas, although this location does not encroach onto the areas identified for preferred management, as identified by Rother wind farm. The Proposed Development will result in the permanent loss of Heather and other moorland where the permanent access tracks and tower feet of the Proposed Development are build and temporarily were the tower compounds and temporary access tracks are located.

Furthermore, 1.2km of the Proposed Development crosses Rothes II Biodiversity Corridor, which is designed as a mosaic of habitats that help link areas of existing woodland to support species like black grouse, mammals etc.

[49] https://kellasdruminfo.co.uk/
[50] https://rotheswindfarm.com/
[51] https://www.cairnduhie-windfarm.co.uk/

Within the northeastern section of the Rothes I MMA Area, the Proposed Development will pass through an area which has been classified within the Rothes Concept Map under the Rothes Potential New Woodland 2 scheme as MMA Plantable. Currently there is no woodland within this area.

The Applicant will hold discussions with the windfarm developers in this location to understand the scope that compensation is required and if possible what areas to avoid through careful micro siting within the LoD.

Cairn Duhie Wind Farm

The Proposed Development will cross Cairn Duhie Wind Farm Habitat Management Unit A (HMU A) which is located to the southeast of Ferness village, approximately 15km south-east of Nairn in The Highland Council area. HMU A covers an area of 73.5 hectares (ha) in the north-east of the site. The management of this HMU will be primarily for blanket bog maintenance, restoration and enhancement. Enhancement of blanket bog here will also likely have secondary benefits for upland waders locally in terms of providing a habitat mosaic with wetter habitats and potentially a more varied vegetation sward for breeding and foraging. There is currently no information provided on the exact location of peat restoration works, but there is the potential for the Proposed Development to encroach onto these. The Applicant will hold discussions with the windfarm developers in this location to understand the scope that compensation is required and if possible what areas to avoid through careful micro siting within the LoD, to avoid the majority of the described areas.

Fringe Planting and Hedgerow Screening

Although at the point of submission no specifics are known, there is opportunity for additional habitats improvements across the Proposed Development. The fringe planting indicative proposals and commitment to investigate feasibility of hedgerow screening is outlined in Appendix 7.6 - Forestry Landscape Mitigation Principles which states:

Deciduous planting is intended to soften the appearance and artificial linear edge of particularly visually prominent sections of felling to accommodate the 90m operational corridor through commercial coniferous forestry by:

- Having a naturalistic edge and avoiding straight edges;
- Soften the appearance through a staggered height of planting to the forest edge i.e. smaller shrubs, medium sized shrubs, medium sized trees then larger trees up to the edge of the first row of conifers;
- An operational clear zone of 8m on either side of the conductors would have to be maintained.

Furthermore, Appendix 7.6 - Forestry Landscape Mitigation Principles state that opportunities should be sought to widen the Operational Corridor from 90m to 120m at the following locations:

- The eastern slopes of The Aird, where viewed from key tourist routes of the A82 and Caledonian Canal; and
- Ordiequish Hill, viewed from within The Spey Valley Special Landscape Area (SLA) and Speyside Way.

The additional space in which to plant deciduous species on the forest edge would allow for a more naturalistic edge and a greater range of plant sizes to soften the appearance of the artificial linear edge within these key sensitive locations.

Roadside mitigation planting across 11 locations as outlined in Appendix 7.6. Planting has been proposed only within the 90 m Operational Corridor and is intended to slightly offset the impact of sequential views from key tourist routes and soften the appearance of the Proposed Development from the road. This would be achieved with planting appropriate to the location and is anticipated to be a mix of hedgerow, shrubs, and scattered trees, dependant on roadside verge space available and appropriateness of existing connected vegetation. There is an opportunity to extend planting beyond the Operational Corridor within the above specified locations, to further mitigate views from the road.

Conclusion

Next steps required to determine restoration potential and key actions are as follows:

- A detailed habitat and soil condition assessment will be performed to assess the feasibility of heathland creation for capercaillie;
- Continue design and discussions with landowners to agree suitable off-site restoration areas and the potential extension of the Operational Corridor to undertaken fringe planting; and
- Continue micro-siting work to avoid impacts on the HMP areas for third part wind farm projects. Work with the third party wind farm developers to understand where their HMP areas are.

No commitments, apart from the ones outlined in the oHMP, have been made for habitat reinstatement at this stage of the process within the boundary of the Proposed Development, due to the scale and the complexity around arranging restoration projects across multiple landowner boundaries.

Consequently, the Applicant will find and secure an appropriate site (s) for bespoke off-site compensation where habitat losses across the project can be addressed. Identified areas for off-site compensation require a blend of woodland, wetland, heathland, grassland, and scrub creation, as well as additional blanket bog restoration. Once restoration areas are acquired, and their management is agreed with landowners, a restoration plan will be drafted outlining methodology and monitoring of the identified restoration areas. More details relating to the Applicant's off-setting strategy can be found in Annex G: SSEN Transmission's Biodiversity Net Gain and Irreplaceable Habitat Off-Site Strategy.

Annex G: SSEN Transmission's Biodiversity Net Gain and Irreplaceable Habitat Off-Site Strategy for Beauly to Blackhillock to New Deer to Peterhead 400 kV Overhead Line (BBNP)

Introduction

Background

Scottish Hydro Electric Transmission plc, operating and known as Scottish and Southern Electricity Networks Transmission ("SSEN Transmission"), own, operate and develop the high voltage electricity transmission system in the north of Scotland and remote islands.

SSEN Transmission is committed to protecting and enhancing the environment by minimising the potential impacts from their construction and operational activities. As part of this approach, SSEN Transmission has made commitments within its Sustainability Strategy to deliver 10% biodiversity net gain (BNG) and leave a positive legacy for nature on all projects gaining consent. Where this cannot be delivered on-site, SSEN Transmission must identify off-site opportunities for biodiversity enhancement.

In line with the requirements and guidance of Policy 3 of the Scottish Government's National Planning Framework 4 (2023) (NPF4), developers are obligated to ensure projects leave nature in a 'demonstrably better state than without intervention'[52]. This involves adhering to the NPF4 mitigation hierarchy:

- Avoid: Remove impacts at the outset.
- Minimise: Limit direct and indirect impacts.
- Restore: Repair damaged habitats.
- Offset: Compensate for losses, with a preference for on-site measures.

This document sets out SSEN Transmission's methodology for off-site BNG and irreplaceable habitats following application of the mitigation hierarchy throughout the development's *routeing selection* and design process.

With specific reference to the Proposed Development, the Biodiversity Net Gain Assessment Report (Appendix 8.3: Biodiversity Net Gain Assessment) identifies the following:

Local Planning Authority	Baseline BU and LU (H)	Post Development BU and LU (H)	% change in BU
Highland Council	1566.82.98 BU and 4.72 LU (H)	623.87 BU and 0.00 LU (H)	-60%
Moray Council (Kellas Standard Alignment)	1084.73 BU and 1.89 LU (H)	668.57 BU and 0.00 LU (H)	-38%
Moray Council (Kellas Alternative Alignment)	1082.90 BU and 1.89 LU (H)	661.32 BU and 0.00 LU (H)	-39%
Aberdeenshire Council	433.36 BU and 4.78 LU (H)	304.27 BU and 0.00 LU (H)	-30%

The remaining *BU required to meet 10%* will be delivered at locations outside the Proposed Development boundary, in accordance with the off-site BNG methodology set out in the following sections. The BU and LU (H) required from off-site habitat creation is summarised as follows:

[52] Scottish Government. 2023. National Planning Framework 4. [Online] Available at: National Planning Framework 4 - gov.scot

- The Highland Council area: 1099.63 BU and 5.19 LU (H);
- The Moray Council area (Kellas Standard Alignment): 524.63 BU and 2.08 LU (H);
- The Moray Council area (Kellas Alternative Alignment): 529.87 BU and 2.08 LU (H);
- The Aberdeenshire Council area: 172.43 BU and 5.26 LU (H).

Biodiversity Net Gain and Irreplaceable Habitat

Overview

SSEN Transmission provides bespoke compensation for peatland (in good and moderate condition), Ancient Woodland (categories as 1a and 2a on the AWI), and individual ancient and veteran trees restoration in line with NatureScot standing advice[53].

Biodiversity Net Gain (BNG) is an approach to development that ensures natural habitats are left in a better state than they were before the development. This means that any development project must result in a measurable improvement in biodiversity.

Irreplaceable habitats (IH) are habitats which are technically very difficult or impossible to restore, recreate, or replace once destroyed. SSEN Transmission considers irreplaceable habitats within their network to be Ancient Woodland (categories 1a & 2a of the Ancient Woodland Inventory (AWI)), individual ancient or veteran trees, blanket bog or raised bog in good or moderate condition. Any loss or deterioration of an irreplaceable habitat will be recorded by area (hectares) or number of trees to allow for bespoke compensation in line with NatureScot standing advice[53].

In response to the publication of NPF4 in February 2023, which steers planning policy towards tackling the climate and nature crises, SSEN Transmission produced a range of internal guidelines and methodology that aim to support delivery of biodiversity enhancement and irreplaceable habitat compensation. In May 2023, SSEN Transmission brought forward the commitment to deliver 10% BNG on all projects gaining consent. As such, SSEN Transmission is committed to delivering BNG on all major projects gaining consent and to leaving the natural environment in a better state than its baseline.

A Biodiversity Projects Toolkit has been developed by SSEN Transmission as a BNG calculation tool that builds on the DEFRA Biodiversity Metric version 3.1[54] and adapts it to suit the Scottish context. The Biodiversity Net Gain Assessment Report summarising the calculations and is appended to Chapter 8: Ecology (Appendix 8.3: Biodiversity Net Gain Assessment).

SSEN Transmission, as a Transmission Operator (TO), is regulated by Ofgem. As part of this regulatory process, all funding for SSEN Transmission operations, including any nature commitments such as BNG / IH compensation, must be submitted as a funding request to Ofgem for each regulatory period. In the most recent funding cycle SSEN Transmission submitted a Sustainability Action Plan which included all aspects of Nature funding. As a regulated business, SSEN Transmission is legally obligated to deliver on the nature commitments made.

Within the framework of this funding mechanism, SSEN Transmission will, therefore, look to fund appropriate development works, capital works, ongoing maintenance and/or adaptive management where a project opportunity exists that meets the business commitment to deliver 10 % BNG and IH. It is proposed that the agreements will be secured for 30 years to safeguard the effective delivery of off-site projects.

[53] NatureScot (2024). Advising peatland and carbon rich soils and priority peatland habitats for development management. Available at: https://www.nature.scot/doc/advising-peatland-carbon-rich-soils-and-priority-peatland-habitats-development-management.
[54] UK Government. DEFRA Biodiversity Metric version 3.1. Available at Archive Site for Legacy Biodiversity Metrics: https://publications.naturalengland.org.uk/publication/5850908674228224

Methodology for Biodiversity Units and Irreplaceable Habitat Compensation

Off-Site Biodiversity Enhancement

Off-site habitat creation and enhancement is only required when all options for on-site BNG requirements have been considered, and insufficient on-site opportunities exist. In these circumstances off-site habitat creation and enhancement will be undertaken. Compensation is targeted at delivering biodiversity net gains that are ecologically equivalent in type and condition to the habitats lost.

SSEN Transmission will complete baseline surveys of potential sites to be considered for offsetting that deliver Biodiversity Units. The steps SSEN Transmission will take include:

1. Site Identification and Initial Assessment.
    - Identify potential sites for biodiversity compensation, where possible, within the [LPA(s)] area.
    - Conduct an initial assessment to determine the suitability of each site.
2. Habitat Classification and Condition Assessment.
    - Classify each individual habitat feature into UKHab-based types as listed in the SSEN Transmission Biodiversity Projects Toolkit V3.0.
    - Perform a Habitat Condition Assessment of each habitat feature, using Biodiversity Metric 3.1 Habitat Condition Assessment criteria, within the site boundary, as agreed with SSEN Transmission's internal Nature Team and landowner.

Bespoke Compensation for Irreplaceable Habitat

SSEN Transmission provides bespoke compensation for blanket bog (in good or moderate condition), Ancient Woodland (categorised as 1a and 2a on the AWI), and individual ancient and veteran trees restoration in line with NatureScot standing advice.

1. Peatland:
    - Identify peatland restoration sites aligned with the eligibility criteria for Peatland Action and Peatland Carbon Code[55,56].
    - Conduct surveys and develop restoration/enhancement plans.
    - Implement full restoration plans and monitor the progress to achieving target condition.
2. Ancient Woodland and Ancient and Veteran Trees:
    - Identify Ancient Woodland sites (1a and 2a – AWI or sites that should be included under this categorisation) and ancient and veteran trees in line and sites where Ancient and Veteran Trees (AVT) options exist.
    - Conduct surveys and produce reports on the condition of the sites.
    - Develop and implement restoration/enhancement plans with long-term management objectives.

Outline Landscape Management Plan

SSEN Transmission will work with landowners to design an outline landscape management plan that delivers a biodiversity uplift and / or restoration of irreplaceable habitat on the site, in line with the SSEN Transmission's BNG Guidance and Biodiversity Toolkit V3.0. The steps include:

[55] NatureScot. 2025. Peatland Action. Available at: https://www.nature.scot/peatland-action-processing-and-assessing-applications
[56] IUCN. 2025. Peatland Code. Available at: https://www.iucn-uk-peatlandprogramme.org/peatland-code-0

1. Develop Management Objectives:
    - Define clear management objectives aimed at enhancing biodiversity on the site.
    - Ensure objectives align with SSEN Transmission's BNG Guidance and Biodiversity Toolkit V3.0.
2. Management Actions:
    - Outline specific management actions required to achieve the biodiversity uplift.
    - Include actions such as habitat restoration, creation, and enhancement.
3. Monitoring and Reporting:
    - Develop a monitoring plan to track the progress of the management actions.
    - Establish reporting protocols to provide regular updates to the SSEN Transmission and relevant stakeholders.

Exploring Nature Opportunities

A range of projects are being explored with local and strategic partners to identify suitable sites for both biodiversity enhancements/ habitat creation *and* IH compensation. These projects will involve collation of details of baseline habitat types and habitat creation and/or enhancement proposals. SSEN Transmission is committed to the successful delivery through ongoing monitoring and maintenance of these projects. The proposed offsetting projects will be located within The Highland Council area, the Moray Council area, and the Aberdeenshire Council area and this will allow the Proposed Development to achieve a minimum 10% BNG *and* compensate for IH

To date SSEN Transmission have engaged with strategic national stakeholders and local landowners. At this stage, engagement includes discussions about which sites are available and what kind of partnership could be established within each of The Highland Council, the Moray Council, and the Aberdeenshire Council areas to ensure an appropriate geographical spread of biodiversity enhancement *and* IH compensation across the affected regions. Biodiversity *and* IH sites are chosen due to their location and their potential to provide strategic and holistic biodiversity enhancement for the areas, and where applicable, landscape-scale restoration.

Examples of SSEN Transmissions commitment to nature:

- In December 2024, SSEN Transmission became the first energy company to partner with nature charity, SCOTLAND: The Big Picture[57], to help facilitate nature restoration efforts in the north of Scotland. The partnership will support the charity's Northwoods Rewilding Network[58], a Scotland-wide chain of landholdings which are all committed to nature restoration.
- In 2023/24, SSEN Transmission supported the completion of 42.5 hectares (ha) of native broadleaf woodland planting at Borralan, north of Ullapool and SSEN Transmission are on track to complete 127 ha of predominantly native woodland planting at Achlain near Dalmally.[59]
- SSEN Transmission have also supported control of invasive non-native rhododendron in North Argyll, supporting the recovery of native vegetation.

[57] Rewilding for nature, climate and people | SCOTLAND: The Big Picture. Available at: https://www.scotlandbigpicture.com/
[58] Northwoods Rewilding Network | SCOTLAND: The Big Picture. Available at: https://www.scotlandbigpicture.com/northwoods
[59] SSE (2024) Annual Sustainability Report 2023/24. Available at: https://www.ssen-transmission.co.uk/globalassets/documents/sustainability-and-environment/annual-report-23-34.pdf

Conclusion

This methodology ensures a structured approach to delivering off-site BNG and IH compensation, aligning with National and SSEN Transmission's guidelines and requirements. By following these steps, SSEN Transmission aims to achieve a measurable improvement in biodiversity, ensuring that natural habitats are left in a better state than they were before the development.