



Cwestiynau Arolwg a Diffiniadau Methodoleg LANDMAP

Dull Cymru o ddisgrifio a gwerthuso cymeriad tirwedd drwy setiau data gofodol Gwasanaethau Tirweddau Daearegol, Cynefinoedd Tirwedd, Gweledol a Synhwyrdd, Tirweddau Hanesyddol a Thirweddau Diwylliannol.

Rhif cyfeirnod: GN007d

Perchennog y Ddogfen: Grŵp Cynllunio, Tirwedd ac Ynni

Awdur y Ddogfen: Jill Bullen FLI

Beth yw pwnc y ddogfen hon?

Mae'r ddogfen hon yn rhan atodol o ganllawiau methodoleg LANDMAP ar gyfer Gwasanaethau Tirweddau Daearegol, Cynefinoedd Tirwedd, Gweledol a Synhwyrdd, Tirweddau Hanesyddol a Thirweddau Diwylliannol. Mae'n disodli holl ganllawiau methodoleg LANDMAP 2016.

Mae'r ddogfen atodol hon yn nodi ac yn diffinio'r ystod o gwestiynau arolwg LANDMAP a'u diffiniadau cysylltiedig.

Mae'r set gyflawn o ganllawiau Methodoleg LANDMAP yn cynnwys:

| | |
|--------|--|
| GN007a | Trosolwg o Fethodoleg LANDMAP |
| GN007b | Setiau Data Methodoleg LANDMAP |
| GN007c | Dosbarthiadau a Diffiniadau Methodoleg LANDMAP |
| GN007d | Cwestiynau Arolwg a Diffiniadau Methodoleg LANDMAP |
| GN007e | Sicrhau Ansawdd Methodoleg LANDMAP |

Gallwch lawrlwytho Nodyn Cyfarwyddyd Methodoleg LANDMAP o'r dudalen hon ar wefan LANDMAP: [Cyfoeth Naturiol Cymru / LANDMAP – llinell sylfaen tirwedd Cymru](#)

Ar gyfer pwy mae'r ddogfen hon?

Mae'r canllawiau hyn wedi'u bwriadu ar gyfer holl ddefnyddwyr LANDMAP fel adnodd tystiolaeth tirwedd Cymru sydd angen deall tarddiad gwybodaeth LANDMAP, a'r diffiniadau o dermau, dosbarthiadau a gwerthusiadau.

Y defnyddwyr allweddol fydd swyddogion tirlun a chynllunio awdurdodau lleol a Pharciau Cenedlaethol, ymgynghorwyr sy'n ymgymryd ag asesiadau tirwedd, cynllunwyr coetir, pobl sy'n gwneud penderfyniadau rheoli tir a'r rhai sy'n defnyddio gwybodaeth am dirwedd fel cyfle.

Mae'r canllawiau hefyd wedi'u bwriadu ar gyfer y rhai sy'n paratoi setiau data LANDMAP newydd, neu sy'n diweddarau rhai sy'n bodoli eisoes, gan sicrhau tystiolaeth gyson a chadarn.

Cyswllt ar gyfer ymholiadau ac adborth

Cynllunio, Tirwedd ac Ynni ymholiadau@cyfoethnaturiolcymru.gov.uk

Version History

| Document Version | Date Published | Summary of Changes |
|------------------|----------------|--------------------|
| 1.0 | [03-2024] | Document published |

Review Date: [04-2025]

To report issues or problems with this guidance contact guidance.development@cyfoethnaturiolcymru.gov.uk

Contents

| | |
|-----------------------------------|----|
| LANDMAP surveys | 3 |
| SurveyUrl view | 4 |
| Survey structure | 4 |
| Questions by LANDMAP dataset..... | 6 |
| Geological Landscape..... | 6 |
| Landscape Habitats..... | 14 |
| Visual and Sensory | 22 |
| Historic Landscape..... | 36 |
| Cultural Landscape Services..... | 43 |

Tables

| | |
|--|----|
| Table 1: Summary of survey sections and questions..... | 4 |
| Table 2: Geological Landscape Monitoring..... | 6 |
| Table 2: Geological Landscape Description..... | 6 |
| Table 4: Geological Landscape Evaluation..... | 9 |
| Table 5: Geological Landscape Recommendations..... | 10 |
| Table 6: Geological Landscape Tolerance to Change | 10 |
| Table 7: Geological Landscape Aspect Area Boundary..... | 10 |
| Table 8: Geological Landscape Evaluation Matrix | 11 |
| Table 9: Geological Landscape Bibliography..... | 13 |
| Table 10: Geological Landscape Assessment | 13 |
| Table 11: Landscape Habitats Monitoring..... | 14 |
| Table 12: Landscape Habitats Description | 15 |
| Table 13: Landscape Habitats Evaluation..... | 18 |
| Table 14: Landscape Habitats Recommendations | 18 |
| Table 15: Landscape Habitats Aspect Area Boundary | 18 |
| Table 16: Landscape Habitats Evaluation Matrix..... | 19 |
| Table 17: Landscape Habitats Bibliography..... | 22 |
| Table 18: Landscape Habitats Assessment..... | 22 |
| Table 19: Visual and Sensory Monitoring | 22 |
| Table 20: Visual and Sensory Description | 23 |
| Table 21: Visual and Sensory Evaluation | 30 |
| Table 22: Visual and Sensory Recommendations | 31 |
| Table 23: Visual and Sensory Tolerance to change | 32 |
| Table 24: Visual and Sensory Aspect Area Boundary | 32 |
| Table 25: Visual and Sensory Bibliography | 33 |
| Table 26: Visual and Sensory Evaluation Matrix..... | 33 |
| Table 27: Visual and Sensory Assessment..... | 34 |
| Table 28: Visual and Sensory LMP 14 and 09..... | 35 |
| Table 29: Visual and Sensory Dark Skies..... | 35 |
| Table 30: Visual and Sensory Tranquillity and Place..... | 35 |
| Table 31: Visual and Sensory SLAs | 36 |
| Table 32: Visual and Sensory Visible Settings..... | 36 |
| Table 33: Historic Landscape Monitoring..... | 36 |
| Table 34: Historic Landscape Description..... | 37 |
| Table 35: Historic Landscape Evaluation..... | 39 |
| Table 36: Historic Landscape Recommendations..... | 39 |

| | |
|---|----|
| Table 37: Historic Landscape Aspect area boundary | 40 |
| Table 38: Historic Landscape Evaluation matrix | 40 |
| Table 39: Historic Landscape Bibliography | 43 |
| Table 40: Historic Landscape Assessment | 43 |
| Table 41: Cultural Landscape Services Details | 43 |

LANDMAP surveys

A LANDMAP survey is completed for every geographical landscape aspect area. Surveys are created and edited by authorised users using LANDMAP Portal, the online data entry programme.

The overall structure of the surveys is the same for each LANDMAP dataset. The definitions of terms associated with questions, and drop-down menus for data entry where possible, aids national consistency and data accuracy. The questions and their definitions are set out below by LANDMAP dataset.

SurveyUrl view

In the GIS attribute table, each survey has a field called SurveyUrl. The ‘More info’ value is a hyperlink that opens the survey in a new window, this html view includes the question number, the full question and non-truncated responses.

Survey structure

All LANDMAP surveys include the following:

- Survey ID: database reference automatically generated
- Area Unique ID: used to identify surveys, link to GIS maps and in reports, often UID
- Area name: geographical or place-based name associated with the survey
- Aspect Name: LANDMAP dataset the survey belongs to
- Region Name: local authority, National Park or area
- Survey Date: date of original survey, see question 1 for monitoring date
- Classifications: associated classifications at levels 1 to 3, some at level 4
- Sections with landscape questions and responses unique to each LANDMAP dataset. For example, monitoring, description, evaluation, recommendations, tolerance to change, aspect area boundary, evaluation matrix, bibliography, assessment. Cultural Landscape Services has only one section containing all questions.

Table 1: Summary of survey sections and questions

| LANDMAP dataset | Geological Landscape | Landscape Habitats | Visual and Sensory | Historic Landscape |
|-----------------|----------------------|--------------------|--------------------|--------------------|
| Survey section | Questions | Questions | Questions | Questions |

| LANDMAP dataset | Geological Landscape | Landscape Habitats | Visual and Sensory | Historic Landscape |
|------------------------|-----------------------------|----------------------------|---------------------------|----------------------------|
| Monitoring | 1 to 2 | 1 to 3 | 1 to 2a | 1 to 2 |
| Description | 3 to 15 | 4 to 24 | 3 to 25 | 3 to 22 |
| Evaluation | 16 to 18 | 25 to 27 | 26 to 28 | 23 to 25 |
| Recommendations | 19 to 22 | 28 to 31 | 29 to 38 | 26 to 29 |
| Tolerance to change | 23 | Not applicable | 39 | Not applicable |
| Aspect Area boundary | 24 to 28 | 32 to 36 | 40 to 44 | 30 to 34 |
| Evaluation matrix | 29 to 34 | 37 to 45a | 46 to 51 | 35 to 41 |
| Bibliography | 35 | 46 | 45 | 42 |
| Assessment | 36 to 37 | 47 to 48 | 52 to 53 | 43 to 44 |
| LMP 14 and 09 | In Visual and Sensory only | In Visual and Sensory only | 54 to 55 | In Visual and Sensory only |
| Dark skies | In Visual and Sensory only | In Visual and Sensory only | 56 to 58h | In Visual and Sensory only |
| Tranquillity and Place | In Visual and Sensory only | In Visual and Sensory only | 59a to 59k | In Visual and Sensory only |
| SLAs | In Visual and Sensory only | In Visual and Sensory only | 60 to 61 | In Visual and Sensory only |
| Visible settings | In Visual and Sensory only | In Visual and Sensory only | 62 to 64 | In Visual and Sensory only |

The term character is defined as the distinct and recognisable pattern of elements, features and qualities that occur within a particular landscape area. Elements are the individual parts which make up the landscape e.g., trees, stone walls, buildings. Features are prominent or eye-catching elements e.g., church towers, waterfall, outcrop.

Aesthetic qualities refer to the visible patterns and distribution of physical attributes in the landscape of landform and land cover. They help analyse the landscape and include criteria such as scale, intimate or vast; enclosure such as enclosed or exposed.

Perceptual qualities refer to the responses to a landscape felt or sensed by an assessor with professional judgement and experience. They include terms such as wildness, tranquillity, and shelter.

Questions by LANDMAP dataset

Geological Landscape

Table 2: Geological Landscape Monitoring

| Question Number | Question | Definition/answer options |
|-----------------|--|--|
| 1 | Date of monitoring? | Period of time the monitoring update covers. |
| 1a | Monitoring undertaken by | Record all involved in updating and quality assurance. |
| 1b | Has this record been updated following monitoring work? | 3 self-explanatory options. |
| 1c | Change indicated by | Information sourced from the monitoring table. |
| 1d | What has changed? | Information sourced from the monitoring table, e.g., classification, boundaries, evaluation. |
| 1e | Has the information been verified in the field? If yes, at what scale has this been verified? | Record if a site survey has been completed. |
| 2 | Does this area have a special or functional link with an adjacent area? Which area and what is the nature of the link? | The relationship with adjacent areas can be important in the overall character or connectivity of an area, areas do not necessarily have to be adjacent. |

Table 2: Geological Landscape Description

| Question Number | Question | Definition/answer options |
|-----------------|----------|---------------------------|
|-----------------|----------|---------------------------|

| | | |
|----|--|--|
| 3 | If classification is 'Other' | Specify. |
| 4 | What is the geographical and topographical character of this area? | A full description of the geological and topographical character, including rock types, significant superficial deposits and structural features and processes - both active and past. |
| 4a | Where bedrock dominated, what is the dominant bedrock type? | Options include Sedimentary, Igneous intrusive, Igneous extrusive, Metamorphic |
| 4b | Where bedrock dominated, what is the age that characterises the Aspect Area? | Options include Precambrian, Cambrian, Ordovician, Silurian, Devonian, Carboniferous, Permian, Triassic, Jurassic, Cretaceous, Paleocene, Eocene, Oligocene, Miocene, Pliocene |
| 4c | Where bedrock dominated, what is the major rock lithology (-ies)? | Options include Sandstone, Siltstone, Mudstone, Conglomerate, Limestone, Marls, Coal, Granite, Basalt, Andesite, Rhyolite, Tuff, Slate, Other |
| 4d | Where drift dominated, what is the dominant drift deposit? | Options include Fluvial, Alluvial, Coastal, Glacial, Fluvioglacial |
| 4e | Where drift dominated, what is the major sediment that characterises the area? | Options include Sand and gravel, Silt, Boulder clay/till, Head, Other |
| 5 | What is the characteristic Level 3 component of the area? | Select one from Rock cliff and shore, Lowland dip slope, Upland gorge, Soft- sediment cliff and shore, Lowland plateau, Mountain glacial erosion terrain, Sand Dune, Lowland valley slope/ escarpment, Glacial mountain valley, Spits, bars and ridges, Lowland glacial outwash plain/ field, Upland glacial outwash plain/ field, Saltmarsh, Lowland till plain/ field, Lowland escarpment, Upland till plain/ field, Ancient upland river/stream systems, Estuary, Coastal Slope, Undulating upland terrain, Mass movement, Coastal Flat, Upland escarpment, Upland Karst, Active lowland river floodplain, Lowland Karst, Mineral workings, Ancient lowland river flood plain system, Upland valley slope, Artificial water bodies and channels, Lowland river gorge, Upland Plateau, Engineered features and reclaimed/ infilled land, Undulating lowland hill terrain, Active upland river or stream channel system, Other, please specify if other |

| | | |
|---|--|---|
| 6 | Which of the following is a significant contributor to the geological character of the area? | Options include Stratigraphic formation(s), Superficial deposits, Active Processes, Structural features, Past Processes, Other |
| 7 | What additional Subsidiary Level 3 components are notable | Options include Rock cliff and shore, Lowland dip slope, Upland gorge, Soft- sediment cliff and shore, Lowland plateau, Mountain glacial erosion terrain, Sand Dune, Lowland valley slope/ escarpment, Glacial mountain valley, Spits, bars and ridges, Lowland glacial outwash plain/ field, Upland glacial outwash plain/ field, Saltmarsh, Lowland till plain/ field, Lowland escarpment, Upland till plain/ field, Ancient upland river/stream systems, Estuary, Coastal Slope, Undulating upland terrain, Mass movement, Coastal Flat, Upland escarpment, Upland Karst, Active lowland river flood plain system, Lowland Karst, Mineral workings, Ancient lowland river flood plain, Upland valley slope, Artificial water bodies and channels, Lowland river gorge, Upland Plateau, Engineered features and reclaimed/ infilled land, Undulating lowland hill terrain, Active upland river or stream channel system, Other |
| 8 | What Level 4 components are notable in this area? | Options include Cliff Hanging coastal valleys, Former Lake (e.g., silted up), Wave- cut platform, Lagoon / Lake / Pool (natural), Alluvial fan (Ancient), Sea-cave / cave, Lake / reservoir (artificial), Arête, Gorge / gully / ravine, River Channel / canal (artificial), Cwm/Corrie, Boulder, River channel (natural), Roche moutonnée, Scree / talus, Former salt marsh / marsh, Nunatak, Island, Waterfall / rapids, Glacial U-Shaped valley, Sand/ shingle foreshore, Ley, Flood plain, Patterned ground, Mud- dominated foreshore, Abandoned channel / Ox Bow Lake, Landslip (Active), Active sand dune, River Terrace, Landslip (Ancient), Stabilised sand dune, Dry Valley, Glacial hanging valley, Dune Slack, Slope, Rockslide (Active), Sand Beach, Hill Top, Spit, Scarp Slope, Mudslide / mudflow, Rockslide (Ancient), Dip slope, Bar, Tombolo, Plateau, Polje, Spring, Gravel / shingle ridge, Ridge, Beach, Moraine, Limestone gorge, Marsh / salt marsh, Esker, Doline, Lower salt marsh / mudflat, Kettle hole, Scarp, Opencast mine, gravel or sand pit, Upper salt marsh / grazing marsh, Drumlin/ Drumlin Field, Coal / Mineral spoil tips, Creek, Tor, Coastal defence works, Rock platform, Rock Pavement, Sand, Stepped Topography, Made Ground, Shingle / gravel, Peat bog, Landfill, Coastal slope, Braided channel system, Reclaimed |

| | | |
|----|---|--|
| | | land, Urban /Industrial development, Raised beach /platform, Engineered topography, Alluvial fan (active), Hanging (fluvial) valley, 'Fossil' cliff line |
| 9 | What Active geological and geomorphological processes are significant in this area? | Include up to 5 named processes. |
| 10 | Are there components of significant hydrological importance? If yes, which? | Features of surface hydrological significance, including river systems, springs and karst. |
| 11 | Are there any pedological processes that are significant in the area or have had a landscape forming effect? If yes, which? | Pedological processes, present or past, and ground water hydrological issues (optional). |
| 12 | Is there current mineral extraction? If yes, what for? | Active quarries or mines. |
| 13 | Has there been mineral extraction in the past? If yes, what for? | Disused quarries or mines. |
| 14 | Are there SSSI / GCR sites here? If yes, which? | Identify Sites of Special Scientific Interest (SSSI) and /or Geological Conservation Review (GCR) sites. |
| 15 | Are there geological SINC, 2nd tier or RIGS sites in the area? If yes, which? | Identify Sites of Importance for Nature Conservation (SINC) and/ or regionally important geological and geomorphological sites (RIGS). |

Table 4: Geological Landscape Evaluation

| Question Number | Question | Definition/answer options |
|-----------------|-----------|--|
| 16 | Value | Select one from Outstanding, High, Moderate, Low, Unassessed |
| 17 | Condition | Good. No significant potentially damaging activities, management or development. |
| 17 | Condition | Fair. The character generally remains in a favourable condition. |

| | | |
|----|-----------|---|
| 17 | Condition | Poor. Significant parts or characteristics have been damaged or lost. |
| 18 | Trend | Improving. |
| 18 | Trend | Constant. |
| 18 | Trend | Declining. |

Table 5: Geological Landscape Recommendations

| Question Number | Question | Definition/answer options |
|-----------------|---|---|
| 19 | Existing management | The appropriateness of existing management to maintain the positive qualities of an area. |
| 20 | Existing management remarks | Comments on current management and its effect. |
| 21 | Principal management recommendations | Recommendation to improve the current management relevant to the LANDMAP dataset. |
| 22 | Guidelines (up to 3) and indicate timescale | The most important practical actions that need to be taken to conserve or enhance the area relevant to the LANDMAP dataset. |

Table 6: Geological Landscape Tolerance to Change

| Question Number | Question | Definition/answer options |
|-----------------|--|--|
| 23 | Are there any significant threats to the current integrity and condition of the Earth Heritage features of the area? | Inherent sensitivity, not its capacity for a specific scale and type of development. |

Table 7: Geological Landscape Aspect Area Boundary

| Question Number | Question | Definition/answer options |
|-----------------|---|---|
| 24 | To what level was this information site-surveyed? | Options include levels 1, 2, 3, 4, individual site, none. |
| 25 | At 1:10,000, how much of the Aspect Area boundary is precise? (Follows specific landscape | Options include all, most, some, none. |

| | | |
|----|---|--|
| | elements tracks, hedgerows, contours, land use). | |
| 26 | What baseline information source was used for Aspect Area boundary mapping? | Options include OS Raster, OS Landline, Aerial photographs, other (e.g., Habitat Network Map 2022) |
| 27 | If OS Data was used, what was the scale? | Options include 1:10,000, 1:25,000 or 1:10,000 and 1:25,000. |
| 28 | What is the justification for the Aspect Area Boundaries? | Open text box to complete. |

Table 8: Geological Landscape Evaluation Matrix

| Question Number | Question | Definition/answer options |
|------------------------|---|--|
| 29 | Evaluation criteria: Research Value. | Outstanding. Includes features or sites of outstanding importance to the national and international geoscience community. |
| 29 | Evaluation criteria: Research Value. | High. Includes features or sites of significant scientific potential or importance, including to regional geological studies. |
| 29 | Evaluation criteria: Research Value. | Moderate. Features present have some scientific potential but may be better developed or exposed elsewhere. |
| 29 | Evaluation criteria: Research Value. | Low. Geological heritage of the area is damaged, concealed or better seen elsewhere and therefore is of limited current scientific significance. |
| 29a | Evaluation criteria: Educational Value. | Outstanding. Includes features or sites of exceptional value for education – primarily at university level but also potentially at school level. |
| 29a | Evaluation criteria: Educational Value. | High. Includes features or sites with a high potential for educational use, primarily at university, but also at school level. |
| 29a | Evaluation criteria: Educational Value. | Moderate. Includes features which although having some local potential, e.g., at school level, may be better developed or exposed elsewhere. |
| 29a | Evaluation criteria: Educational Value. | Low. Geological heritage of the area is damaged, concealed or better seen elsewhere and, therefore, is of little or no educational value. |

| | | |
|----|--|--|
| 30 | Evaluation criteria: Historical Value. | Outstanding. Includes features or sites which have significantly contributed to the historical development of geology as a science. |
| 30 | Evaluation criteria: Historical Value. | High. Includes features or sites which have made a significant contribution to the development of knowledge of local or regional geology. |
| 30 | Evaluation criteria: Historical Value. | Moderate. Includes features or sites which have been noted in literature but have not in themselves significantly contributed to the understanding of local and regional geology. |
| 30 | Evaluation criteria: Historical Value. | Low. Includes no described sites or sites present have no particular historical significance in published literature. |
| 31 | Evaluation criteria: Rarity / Uniqueness | Outstanding. Includes features of exceptional scientific importance which are nationally or internationally rare or unique. |
| 31 | Evaluation criteria: Rarity / Uniqueness | High. Includes features which are scientifically rare or exceptional in a regional context. |
| 31 | Evaluation criteria: Rarity / Uniqueness | Moderate. Includes features which although being widely distributed regionally, may still be of local interest. |
| 31 | Evaluation criteria: Rarity / Uniqueness | Low. Features present are widely distributed regionally and better developed or exposed elsewhere. |
| 32 | Evaluation criteria: Classic Example. | Includes features or sites which constitute an actual or potential 'textbook' example of a geological or geomorphological phenomenon. |
| 32 | Evaluation criteria: Classic Example. | Includes features or sites which clearly demonstrate key geological or geomorphological features. |
| 32 | Evaluation criteria: Classic Example. | Includes features or sites which although demonstrating geological and geomorphological features, are not well exposed or developed. |
| 32 | Evaluation criteria: Classic Example. | Features or sites present are too badly exposed or developed to demonstrate key geological processes or features. |
| 33 | Evaluation criteria: Overall Evaluation | Outstanding. Aspect Area contains features (including sites) of outstanding Earth heritage importance, including for national and international geological science. Generally, such areas also have a high actual or potential educational value, and many will also be of historical importance and contain rare or unique features. As geological science is continually developing, however, an area rated as 'Outstanding' may not always feature significantly in historical studies or be suitable for general teaching purposes – evaluation of these criteria may occasionally be relatively low within the Evaluation Matrix. Although not necessarily including 'Outstanding' representatives of |

| | | |
|----|---|--|
| | | 'Classic examples', it would be expected that some of the sites present in the Aspect Area would show good exposures or developments of geological and geomorphological phenomenon and therefore merit at least a 'High' rating for these criteria. |
| 33 | Evaluation criteria: Overall Evaluation | High. The Aspect Area contains features (including sites) of high regional significance for scientific studies, typically linked to a high educational potential. Some of these sites may also have some historical value or demonstrate well-developed geological or geomorphological features. Other Aspect Areas evaluated as 'High', form the major landscape features in a district, such as prominent escarpments and upland tracts. |
| 33 | Evaluation criteria: Overall Evaluation | Moderate. An overall rating of 'Moderate' is appropriate where the Aspect Area concerned is not known to include any exceptional or notable features, although it may still be 'representative' of its underlying geology or surface geomorphology. |
| 33 | Evaluation criteria: Overall Evaluation | Low. Aspect Areas assessed as having an overall rating of 'Low' have been damaged by development, or other human activities to such an extent that the majority of features of geological or geomorphological significance have been destroyed, buried or otherwise obliterated. |
| 34 | Justification of Overall Evaluation. | A short explanation and an overall evaluation is made based on the general balance of responses to each part of the matrix. Occasionally, however, the overall valuation may differ from the balance of individual ratings, as Research value is considered to be the most significant category, as it directly reflects the global geological significance of the geology and/or geomorphology of the Aspect Area concerned. In such cases, a 'High' or 'Outstanding', Research value rating would serve to raise the overall valuation, even if the Historical, Classical and Educational values are relatively low. |

Table 9: Geological Landscape Bibliography

| Question Number | Question | Definition/answer options |
|-----------------|--|----------------------------|
| 35 | List the key sources used for this assessment. | Open text box to complete. |

Table 10: Geological Landscape Assessment

| Question Number | Question | Definition/answer options |
|-----------------|----------|---------------------------|
|-----------------|----------|---------------------------|

| | | |
|----|------------------------|----------------------------|
| 36 | Additional Assessments | Open text box to complete. |
| 37 | Additional Comments | Open text box to complete. |

Landscape Habitats

Some questions require a field visit.

Environment (Wales) Act (2016) Section 7: Questions 8, 9, 13, 14, 23, 37 to 45a currently include BAP habitats, these may be updated to reflect Section 7 habitats and species during 2024.

Table 11: Landscape Habitats Monitoring

| Question Number | Question | Definition/answer options |
|-----------------|--|---|
| 1 | Date of monitoring? | Period of time the monitoring update covers. |
| 1a | Monitoring undertaken by | Record all involved in updating and quality assurance. |
| 1b | Has this record been updated following monitoring work? | 3 self-explanatory options. |
| 1c | Change indicated by | Information sourced from the monitoring table. |
| 1d | What has changed? | Information sourced from the monitoring table, e.g., classification, boundaries, evaluation. |
| 1e | Has the information been verified in the field? If yes, at what scale has this been verified? | Record if a site survey has been completed. |
| 2 | Does this area have a special or functional link with an adjacent area? Which area and what is the nature of the link? | The relationship with adjacent areas can be important in the overall character or connectivity of an area, areas do not necessarily have to be adjacent. |
| 3 | What is the total land area within the boundary (in hectares)? | The total area of land within the Aspect Area should be calculated from the GIS and expressed in hectares. In part it is needed so that the areas of particular habitats within the Aspect Area can be expressed as percentages of the total. |

Table 12: Landscape Habitats Description

| Question Number | Question | Definition/answer options |
|-----------------|--|--|
| 4 | What are the dominant soil types? | This requires an understanding of the Soil Survey data, which may require specialist knowledge. However, this is important information in terms of future land use and should not be ignored. Recognising that a mix may be present, limit the selection to the three most widespread soil types within the area. |
| 5 | What Phase 1 habitat types are present? Specify what percentage of the Aspect Area is made up of these. | The availability of Phase 1 habitat survey data for Wales in digital format enables a detailed description of habitat composition of each Aspect Area. Use of GIS tools will enable the amounts of habitats to be calculated for the Aspect Area, at the finest level of detail available from Phase I. Only the top five may be listed. Note some data may be prior to 1997, use latest available resource. |
| 6 | Does the area contain habitats of international importance? | Options include yes, no, not known. |
| 7 | If yes, which habitats of international importance? | Select from a drop-down list of habitats of international importance. |
| 8 | Does the area contain BAP habitats? New question and replacement data in 2024. Does the area contain Section 7 Terrestrial Habitats of Principle Importance (Priority Habitats)? | Options include yes, no, not known. |
| 9 | If yes, which BAP habitats? New question and replacement data in 2024 linked to question 8. | Select from a drop-down list of BAP habitats. Replace in 2024 with drop-down Section 7 biodiversity list options |

| | | |
|----|---|---|
| | If yes, which Section 7 Priority Habitats? | |
| 10 | Does the area contain protected sites? | Options include yes, no, not known. |
| 11 | If yes, which ones? | Options include SSSI, SPA, SAC, Ramsar, NNR, LNR, local wildlife site. |
| 12 | Approximately what proportion of the Aspect Area is within the protected site? | Percentage of the Aspect Area covered by protected sites. |
| 13 | Does the area support important species? New question and replacement data in 2024. Does the area support Section 7 Priority Species? | Requires an assessment of whether the area contains significant populations of any Red Data Book species (RDB), Environment (Wales) Act 2016 Section 7 priority species, those legally protected by Schedules 1, 5 or 8 of the Wildlife and Countryside Act 1981 and amendments, or Annexes of the Habitat Directive 1994. Or identify key species for the area (e.g., abundance of rhos pasture, marsh fritillary, woodland known for lesser horseshoe bats, dormice etc.) This assessment can be made from existing data sources. |
| 14 | If yes which species? | For each species also note the source of information. |
| 15 | Are there any significant threat species present in abundance? (Field visit required) | Threat is defined as those species that represent an invasive threat to dominant, significant or endangered species or habitats. Most areas will contain at least one specimen of at least one threat species. However, the entries here should highlight areas where there are appreciable populations of threat species, i.e., where there is real cause for concern. |
| 16 | What other features significantly influence the biodiversity in this area? | Use this field to highlight additional habitat features, which by virtue of their abundance or effect on the landscape, contribute significantly to the biodiversity character of the area. These features are often an important part of the fabric of the landscape, whilst providing valuable additional habitats for species and serving to link Aspect Areas. |
| 17 | Are any of these features in very good condition? (Field visit required) | Options include none, some, unknown. |
| 18 | Are any of these features in a poor condition? (Field visit required) | Options include none, some, unknown. |
| 19 | What are the main land | These fields are completed to indicate where there is significantly widespread evidence of certain key |

| | | |
|----|--|--|
| | management activities taking place in the area? (Field visit required) | management techniques. Not all management activities can be recorded and so the emphasis is on the main ones of relevance to the presence and welfare of biodiversity habitats and species. |
| 20 | Do any appear to have an appreciable positive impact on the condition of habitat? (Field visit required) | Positive management impacts are to be encouraged, for example controlled burning where this is done in appropriate locations and seasons. It is important, therefore, to highlight such examples so that land managers may seek to further or enhance such management. |
| 21 | Do any appear to have an appreciable negative impact on the condition of habitat? (Field visit required) | Where it is obvious that land management practices within any Aspect Area are having a widespread negative impact on biodiversity resources, LANDMAP has a role of play in identifying such problems. |
| 22 | Is the biodiversity in the area in any way threatened? | In addition to threats arising from invasive species (considered elsewhere), a wide variety of anthropogenic impacts and disturbances may be encountered within individual Aspect Areas. Examples include unsympathetic management, neglect, urban development, recreation, grazing pressure, afforestation, pollution, drainage, quarrying etc. (note that this is not an exhaustive list). Threats such as these should be recorded with reference to their likely impacts upon biodiversity characteristics of the Aspect Area. |
| 23 | Are there clear opportunities to improve the biodiversity of this area? | If there are clear activities which would improve the biodiversity of the whole Aspect Area these should be explained in this section. In 2024 may include if there are opportunities to improve Resilient Ecological Networks (RENs) in this area, referring to Habitats Network maps (semi-natural habitat connectivity) and CuRve (Current Relative Value) maps of relative ecosystem resilience based on DECCA (diversity, extent, condition, connectivity and adaptability). Refer to SoNaRR and Area Statements. |
| 24 | Summarise the key features that define this Area's biodiversity character | The purpose is to summarise the information and provide a succinct description of key biodiversity features, including habitat quality, notable features, species interests, opportunities, threats, management issues etc. The description should focus on the characteristics and features that distinguish this particular Aspect Area. |

Table 13: Landscape Habitats Evaluation

| Question Number | Question | Definition/answer options |
|------------------------|-----------------|---|
| 25 | Value | Select one from Outstanding, High, Moderate, Low, Unassessed |
| 26 | Condition | Good. No significant potentially damaging activities, management or development. Could refer to SoNaRR and the protected sites baseline assessment. |
| 26 | Condition | Fair. The character generally remains in a favourable condition. Could refer to SoNaRR and the protected sites baseline assessment. |
| 26 | Condition | Poor. Significant parts or characteristics have been damaged or lost. Could refer to SoNaRR and the protected sites baseline assessment. |
| 27 | Trend | Improving. |
| 27 | Trend | Constant. |
| 27 | Trend | Declining. |

Table 14: Landscape Habitats Recommendations

| Question Number | Question | Definition/answer options |
|------------------------|---|--|
| 28 | Existing management | The appropriateness of existing management to maintain the positive qualities of an area e.g. maintenance and enhancement of biodiversity and resilient ecological network goals |
| 29 | Existing management remarks | Comments on current management and its effect. |
| 30 | Principal management recommendations | Recommendation to improve the current management relevant to the LANDMAP dataset. |
| 31 | Guidelines (up to 3) and indicate timescale | The most important practical actions that need to be taken to conserve or enhance the biodiversity of the area e.g. DECCA. |

Table 15: Landscape Habitats Aspect Area Boundary

| Question Number | Question | Definition/answer options |
|------------------------|---|---|
| 32 | To what level was this information site-surveyed? | Options include levels 1, 2, 3, 4, individual site, none. |
| 33 | At 1:10,000, how much of the Aspect Area boundary is precise? (Follows specific landscape | Options include all, most, some, none. |

| | | |
|----|---|--|
| | elements tracks, hedgerows, contours, land use). | |
| 34 | What baseline information source was used for Aspect Area boundary mapping? | Options include OS Raster, OS Landline, Aerial photographs, other (e.g., Habitat Network Map 2022) |
| 35 | If OS Data was used, what was the scale? | Options include 1:10,000, 1:25,000 or 1:10,000 and 1:25,000. |
| 36 | What is the justification for the Aspect Area Boundaries? | Open text box to complete. |

Table 16: Landscape Habitats Evaluation Matrix

| Question Number | Question | Definition/answer options |
|------------------------|--|--|
| 37 | Evaluation criteria: priority habitats | Outstanding. Outstanding value areas are either internationally important or nationally significant with the majority of the area comprising habitats or species of principle importance, or a substantial percentage of SSSI habitats. |
| 37 | Evaluation criteria: priority habitats | High. High importance is given where there are areas of national importance e.g., SSSIs which are enhanced by local features which form wildlife corridors. It will also include areas where many diverse habitats are linked together or there are important areas for protected species. |
| 37 | Evaluation criteria: priority habitats | Moderate. Moderate habitats are those with a local importance. This includes areas of more intensively farmed land where there are still well managed stock-proof hedges and occasional areas of native vegetation for example, fragmented woodland blocks. |
| 37 | Evaluation criteria: priority habitats | Low. Low value habitats are where the landscape is mainly low diversity sown grass swards or arable land where fields are very large and have post and wire fences. Large urban areas with little green space and lacking in biodiversity networks are also classed as low value. |
| 38 | Evaluation criteria: significance | Outstanding. Outstanding Aspect Areas contain a significant proportion of very valuable habitats and habitats of international importance |
| 38 | Evaluation criteria: significance | High. High significance can be awarded to Aspect Areas which contain important habitats or where there are smaller but extremely important examples of a |

| | | |
|----|--------------------------------------|---|
| | | particular habitat which can be enhanced by features in the surrounding area, for examples linking hedges, copses of woodland or small ponds and streams. |
| 38 | Evaluation criteria: significance | Moderate. Moderate importance can be awarded where the Area contains native or semi-natural habitats, which although being fragmented still form a small proportion of the Area. |
| 38 | Evaluation criteria: significance | Low. Low significance occurs where the Area contains little or no significant national or local, native or semi-natural communities. |
| 39 | Evaluation criteria: opportunity | Outstanding. Outstanding is applied to areas adjacent to large, outstanding habitats which with suitable management or minimal restoration would revert easily to these native habitats. |
| 39 | Evaluation criteria: opportunity | High. High should be awarded where some input and change to management practice of more important habitats of national and/or local significance could be formed which could enhance the overall biodiversity of the area and make larger areas of high-quality resource. |
| 39 | Evaluation criteria: opportunity | Moderate. Moderate opportunity is awarded where either much effort would be needed to restore medium sized blocks of native habitats or where smaller changes to management practices would restore only small blocks of more fragmented communities. |
| 39 | Evaluation criteria: opportunity | Low. Low importance should be given to areas where very significant effort or very large areas would need to be restored in order for the Aspect Area to form a significant part of the biodiversity network. |
| 40 | Evaluation criteria: expansion rates | Outstanding. Outstanding expansion rates are where there has been a significant increase in the amount of important semi-natural habitats over the last 25 years. |
| 40 | Evaluation criteria: expansion rates | High. High expansion rates are where there has been a small increase in habitats or habitat networks within the Aspect Area over the last 25 years. |
| 40 | Evaluation criteria: expansion rates | Moderate. Moderate expansion rates are where the aspect area has a stable amount of semi-natural and important habitats over the last 25 years. |
| 40 | Evaluation criteria: expansion rates | Low. Low expansion rates are where there has been a loss in semi-natural habitats over the Aspect Area within the last 25 years. |
| 41 | Evaluation criteria: sensitivity | Outstanding. Robust semi-natural ecosystems well protected against adverse changes by active management regimes. |
| 41 | Evaluation criteria: sensitivity | High. Robust habitats where the management practices are not degrading the habitats to any extent. |
| 41 | Evaluation criteria: sensitivity | Moderate. Sensitive habitats which could be prone to damage by smaller changes in management practices etc of the area. |

| | | |
|----|---|---|
| 41 | Evaluation criteria: sensitivity | Low. Sensitive ecosystems being actively damaged by management of the area or surrounding areas. |
| 42 | Evaluation criteria: connectivity / cohesion | Outstanding. Large cohesive areas of habitats strongly related to other native areas. Refer to Habitat Network maps (semi-natural habitat connectivity) and CuRVe (Current Relative Value) maps |
| 42 | Evaluation criteria: connectivity / cohesion | High. Larger blocks of habitat giving viable sites for many species, or moderate sized blocks linked together without significant breaks. |
| 42 | Evaluation criteria: connectivity / cohesion | Moderate. Where blocks of habitat are small, they are connected through a network of hedges, streams or rivers to allow species to travel along biodiversity corridors. |
| 42 | Evaluation criteria: connectivity / cohesion | Low. Very little native habitats scattered throughout the landscape |
| 43 | Evaluation criteria: habitat evaluation | Outstanding. All of the outstanding conditions met |
| 43 | Evaluation criteria: habitat evaluation | High. Mostly high conditions met or if lower in some and outstanding in others |
| 43 | Evaluation criteria: habitat evaluation | Moderate. Overall, of moderate value although with some high and some low features. |
| 43 | Evaluation criteria: habitat evaluation | Low. Mostly low value features described |
| 44 | Evaluation criteria: importance for key species | Outstanding. Records of protected species and species of international importance or where such species is represented by a particularly significant population. |
| 44 | Evaluation criteria: importance for key species | High. Many records of local or nationally important species and of importance nationally. |
| 44 | Evaluation criteria: importance for key species | Moderate. Important species recorded as present or old records for important species but not recorded for over 15 years. |
| 44 | Evaluation criteria: importance for key species | Low. No records of important species. |
| 45 | Evaluation criteria: Overall Evaluation | Outstanding. Both species and habitats are of international importance and form a very substantial part of the Aspect Area. |

| | | |
|-----|---|---|
| 45 | Evaluation criteria: Overall Evaluation | High. Either the species or the habitats are of national importance. |
| 45 | Evaluation criteria: Overall Evaluation | Moderate. This will be awarded if either the species or the habitats have moderate importance. Where there is a nationally scarce species such as the otter, but if the habitats are only locally important overall evaluation will be taken as moderate. |
| 45 | Evaluation criteria: Overall Evaluation | Low. Habitats and species have no particular importance. |
| 45a | Justification of Overall Evaluation. | A short explanation and an overall evaluation is made based on the general balance of responses to each part of the matrix. |

Table 17: Landscape Habitats Bibliography

| Question Number | Question | Definition/answer options |
|-----------------|--|----------------------------|
| 46 | List the key sources used for this assessment. | Open text box to complete. |

Table 18: Landscape Habitats Assessment

| Question Number | Question | Definition/answer options |
|-----------------|-------------------------|----------------------------|
| 47 | Additional Assessments. | Open text box to complete. |
| 48 | Additional Comments | Open text box to complete. |

Visual and Sensory

Questions 60 and 61 to be updated in 2024

Table 19: Visual and Sensory Monitoring

| Question Number | Question | Definition/answer options |
|-----------------|---|--|
| 1 | Date of monitoring? | Period of time the monitoring update covers. |
| 1a | Monitoring undertaken by | Record all involved in updating and quality assurance. |
| 1b | Has this record been updated following monitoring work? | 3 self-explanatory options. |
| 1c | Change indicated by | Information sourced from the monitoring table. |

| | | |
|----|--|--|
| 1d | What has changed? | Information sourced from the monitoring table, e.g., classification, boundaries, evaluation. |
| 1e | Has the information been verified in the field? If yes, at what scale has this been verified? | Record if a site survey has been completed. |
| 2 | Does this area have a special or functional link with an adjacent area? Which area and what is the nature of the link? | The relationship with adjacent areas can be important in the overall character or connectivity of an area, areas do not necessarily have to be adjacent. |
| 2a | During which season(s) was fieldwork carried out? | Self-explanatory options. |

Table 20: Visual and Sensory Description

| Question Number | Question | Definition/answer options |
|-----------------|-----------------------|--|
| 3 | Summary Description | A description of the most important qualities of the aspect area. The description should include brief reference to physical form, aesthetic qualities, perceptual qualities, views, sense of place and relationship with other areas. This is likely to include topography, land cover, land use, key elements, scale, openness, exposure, diversity, settlement pattern, management, features, detractors (without judgement) and tranquillity. For a complex area 100-150 words may be appropriate. If a monitoring update, include comments on the changes that have occurred. |
| 4 | Topographic form | The dominant, definitive physiological character of the area. The Land form combinations of slope and elevation that produce the shape and form of the land. The physical form should be considered stripped of land cover. |
| 4 | Levels | Low-lying level ground (<10m from low to highpoint), includes low dunes, mudflats, flat farmland. |
| 4 | Rolling/ undulating | Gently uneven (10-100m from low to highpoint), low lying ground - usually demonstrating rhythmic pattern. |
| 4 | Hills/valleys | Steeply uneven (>100m from low to highpoint) high ground with low valleys. |
| 4 | High hills/ mountains | High ground with distinct summits and peaks. |

| | | |
|---|----------------------|--|
| 4 | Plateau | Raised, level ground usually defined by a perimeter of sloping ground. |
| 4 | Disturbed | Land that has been predominantly altered so as to significantly alter the natural landform, such as quarries and landfill sites. |
| 5 | Land cover pattern | The dominant, definitive land cover character of the Area. Landcover refers to the combinations of natural and man-made elements including vegetation that cover the land surface. This does not refer to historical pattern. |
| 5 | Open land | All broad expanses of continuously open (unenclosed and treeless) land, such as marsh, bog, tidal mudflats, moorlands, grasslands. |
| 5 | Development | All developed land, includes built form, significant hard standing, and associated open space such as amenity land, playing fields, etc. |
| 5 | Woodland | All significant wooded ground (>70% tree cover). |
| 5 | Field pattern/mosaic | All land exhibiting a recognisable agricultural field system, with significant boundaries and/or tree cover. |
| 5 | Water | All significant water bodies (>70% water), such as estuaries, large lakes, or lake complexes, rivers. |
| 5 | Mixture | All areas characterised by a complex relationship that falls into none of the above categories. |
| 6 | Settlement pattern | The predominant pattern of human development in the Area. This does not refer to historical settlement pattern. |
| 6 | Urban | Substantial, large-scale development associated with a town or city; includes urban fringe development which may be geographically detached from the main body of the host city/town. |
| 6 | Village | Single, small-scale development associated with traditional rural settlement cores; likely to include other community features such as church, school, shops, market square, village green. |
| 6 | Clustered | Multiple small-scale developments gathered around individual community activities, such as hamlets or large farms with many residences and associated buildings, but also may be late 20 th c. Commercial development around major road junctions (excludes <i>linear</i> development). |
| 6 | Scattered rural/farm | Individual, dispersed rural settlements such as isolated small farms and residences. |
| 6 | Linear | Individual, clustered developments typically following existing elements such as main roads; archetypally likely to be commercial or residential development on urban arterial transport corridors. |
| 6 | None | No significant settlement currently in use. |
| 7 | Boundary type | The dominant, definitive character of the current boundaries in the Area. This does not mean historical boundary type. |

| | | |
|---|---------------------|---|
| 7 | Managed hedge | Managed hedgerows only, i.e., those that are well-maintained to preserve a hedgerow form |
| 7 | Hedge with trees | Managed hedgerows with occasional standard trees |
| 7 | Overgrown hedges | Unmanaged or overgrown hedgerows with or without trees. Tall and overgrown hedgerows where the hedge plants may have now grown into almost full trees. |
| 7 | Clawdd / hedgebanks | Presence of hedgebanks or clawdd as dominant base to hedges above. |
| 7 | Stone wall | Stone boundary walls |
| 7 | Fences | All wire or wooded fencing free of hedgerow |
| 7 | Slate fences | Slate fences |
| 7 | Fences with trees | All wire or wooded fencing free of hedgerow but with standard trees |
| 7 | Mixture | Areas exhibiting no single dominant boundary type, but a variety of boundary types |
| 7 | None | All areas with no significant boundaries (not the same as no <i>dominant</i> boundary type - see <i>mixture</i>) |
| 8 | Scale | Refers to relationship of key elements or spaces of the Aspect Area, such as woodland or open space, within the whole landscape. Does not refer merely to the size of the Aspect Area. May be that a small Aspect Area is of a vast scale as it is a small part of a continuous whole. Not to be confused with enclosure. |
| 8 | Intimate | Elements and spaces of a predominantly personal scale, such as private gardens and houses |
| 8 | Small | Elements and spaces of a community scale, such as hamlets, woodland clearings, small field or woodland units |
| 8 | Medium | Elements and spaces which are of a moderate scale, in that they are neither extensive nor small |
| 8 | Large | Elements and spaces which extend to cause the observer to feel small, such as wide valleys or woodlands |
| 8 | Vast | Elements and spaces which are of a regional continuity, such as mountain ranges, extensive forests, plains and large vales. |
| 9 | Sense of enclosure | Refers to predominant spatial relationship of observer amongst key elements and spaces - including the horizon, landform and land cover. Relates to likely perception of an observer in the landscape. Considers the <i>likely position</i> of most observers within the Aspect Area. |
| 9 | Confined | Presents the likely observer with close spaces such as in thick woodland, narrow corridors or gorges; likely to see relatively little sky. |
| 9 | Enclosed | Presents the likely observer with short distance views to a high horizon, such as from most valley bottoms. |

| | | |
|----|---------------|--|
| 9 | Open | Presents the likely observer with predominantly eye level horizons, such as lowlands and cliff-less coastal areas. |
| 9 | Exposed | Presents the likely observer with far-distance horizons, such as on hill-tops. |
| 10 | Diversity | Refers to the diversity of visual elements in the Aspect Area. |
| 10 | Uniform | Unvarying in texture, form, colour, etc. With a single recognisable pattern of visual elements. |
| 10 | Simple | Little variation in texture, form, colour, etc. With only a narrow range of visual elements. |
| 10 | Diverse | Widespread variation in texture, form, colour, etc. With a broad range of visual elements. |
| 10 | Complex | Complete variation in texture, form, colour, etc. With little or no recognisable pattern of visual elements. |
| 11 | Texture | Refers to the texture of visual elements in the Aspect Area. Texture can be determined by land cover such as scale and extent of tree cover, natural vegetation, presence of rock exposures, crops or size of fields. |
| 11 | Smooth | Consistent cover with smooth appearance e.g. grassland without enclosure. |
| 11 | Medium | Moderately textured land cover. |
| 11 | Coarse | Land cover with coarse texture due to intrinsic nature of cover e.g., coniferous forestry or variation in land cover such as a mosaic of woodland/grassland |
| 11 | Rock exposure | Land cover with significant rock exposures |
| 12 | Lines | Refers to the dominant arrangement of lines in the Aspect Area. |
| 12 | Straight | Predominantly straight lines such as in a rectilinear field system e.g., levels. |
| 12 | Angular | Predominantly straight lines at a variety of angles such as in field system or in a rugged landscape. |
| 12 | Curved | Predominantly curved lines possibly dominated by gentle landform. |
| 12 | Sinuuous | Predominantly sinuous lines possibly defined by fluvial patterns. |
| 13 | Colour | The predominant nature of the colours and contrast between colours or shades within the Area (not just notable colours). Includes all elements in the landscape such as signage, building materials, vegetation. Assessed according to its most common state. A judgement on both colour and contrast is possible. |
| 13 | Muted | A predominance of neutral colours or monotonous, such as found on hill sides or woodland for most of the year. |
| 13 | Colourful | A predominance of more bold colours and tones, such as building materials in rural locations. |
| 13 | Garish | A predominance of bold colours with little recognisable pattern, such as commercial signage amid bold natural colours. |

| | | |
|----|--------------------|--|
| 13 | Moderate contrasts | Moderate contrasts between vegetation types such as bracken, heather and pastures. |
| 13 | Strong contrasts | A predominance of bold contrasts between just a few strong colours or tones, such as dark buildings materials against a pale background. |
| 14 | Balance | Refers to the balance and interaction of different elements and characteristics of the Area. |
| 14 | Harmonious | All the characteristics/elements visually contribute to a harmonious and concordant composition or unity. |
| 14 | Balanced | Most characteristics/elements visually contribute to a balanced and even composition or unity. |
| 14 | Discordant | Some characteristics/elements visually disrupt and detract from a balanced and even composition or unity. |
| 14 | Chaotic | Characteristics/elements visually compete and disrupt each other to create a chaotic or confused composition. |
| 15 | Unity | Refers to the repetition of similar elements or qualities, which give an area a sense of unity. For example, the repetition of materials/detailing such as stonewalls. |
| 15 | Unity | An area where there is strong sense of unity and consistency in form and detail |
| 15 | Neutral | An area where this is not a significant unity or consistency in form and detail but where it is also not affected by disruptive elements. |
| 15 | Disunity | An area where there is significant disruption of sense of unity and lack of consistency. |
| 16 | Pattern | Refers to the predominant patterns discernible in the Area. |
| 16 | Random | Characteristics/elements do not appear to have a purposeful relationship with each other |
| 16 | Organised | Characteristics/elements have a purposeful relationship with each other |
| 16 | Regular | Characteristics/elements are ordered and regular. |
| 16 | Formal | Characteristics/elements have a formal designed relationship with each other. |
| 17 | Seasonal interest | Relates to the question above in that this is primarily an issue of colour, although texture is also considered. This question relates to the presence of elements that might change colour or texture significantly or notably in any season. It requires assessment of significance or notability in that commonplace or unremarkable seasonal interest is not considered. |
| 17 | Summer | Demonstrates particularly notable seasonal interest in terms of changes of colour and/or texture in summer. |
| 17 | Autumn | Demonstrates particularly notable seasonal interest in terms of changes of colour and/or texture in autumn. |
| 17 | Winter | Demonstrates particularly notable seasonal interest in terms of changes of colour and/or texture in winter. |
| 17 | Spring | Demonstrates particularly notable seasonal interest in terms of changes of colour and/or texture in spring. |

| | | |
|----|-------------------------------|--|
| 17 | Mix | Demonstrates particularly notable seasonal interest in terms of changes of colour and/or texture in more than one season. |
| 17 | None | Demonstrates no notable seasonal interest in terms of changes of colour and/or texture in any season. |
| 18 | Level of human access | The effects of human presence in the Area, especially human movement/traffic. May relate strongly to tranquillity. |
| 18 | Constant | A constant stream of human movement for most of the day, such as a town centre, motorway or busy main road. |
| 18 | Frequent | A frequent, but interrupted stream of human movement for most of the day, such as busy railway corridor or rural main road. |
| 18 | Infrequent | An infrequent flow of human movement for most of the day, such as quiet road or rail corridor, canal, park or footpath, small village or hamlet. |
| 18 | Occasional | An occasional presence of human activity of only a few times a week, such as most valley-bottom agricultural areas, or a very quiet rural back road or track. |
| 18 | Rare | Only the lightest of human traffic, such as remote hill/mountain tops or unvisited woodland. |
| 19 | Night-time light pollution | Question 19 night-time light pollution data has been moved to question 56. Additional dark skies data is available from questions 57 and 58. |
| 20 | Use of construction materials | Refers to the Visual and Sensory appropriateness of the most recent use of construction materials, such as roofing, walls (including field boundaries where relevant), paving, agricultural development, etc. Based on appropriateness in relation to other local materials and to the creation of a sense of place or definitive <i>local</i> character. |
| 20 | Appropriate | Materials used are overwhelmingly in keeping with or more appropriate than previous good examples of local materials which define visual character in the study area |
| 20 | Generally appropriate | Materials used are generally in keeping with or more appropriate than previous good examples of local materials which define visual character in the study area |
| 20 | Generally inappropriate | Materials used are generally in conflict with or less appropriate than previous good examples of local materials which define visual character in the study area |
| 20 | Inappropriate | Materials used are overwhelmingly in conflict with or less appropriate than previous good examples of local materials which define visual character in the study area |
| 21 | What materials. Give Details. | List typical materials used in most recent developments. |

| | | |
|----|--|---|
| 22 | There are attractive views | Refers to the availability of attractive views from the likely positions of most observers within the Aspect Area. Attractive here is defined as being of a particularly high scenic quality; the judgement relates to the availability of the views to observers, i.e., a borderline view is considered more important if it is viewed by many observers. |
| 22 | Within | The views within the area from other areas meet the criteria set above. This option may be superseded by any of the following options. |
| 22 | Into | The views into the area from other areas meet the criteria set above |
| 22 | Out | The views out from the area to other areas meet the criteria set above |
| 22 | Both in and out | Both the views into and within and those out from the area meet the criteria set above |
| 22 | Neither in nor out | Neither the views into and within nor those out from the area meet the criteria set above |
| 23 | There are detractive views | Refers to the availability of detractive views from the likely positions of most observers within the Aspect Area. Detractive here is defined as being of a particularly low or degraded scenic quality; the judgement relates to the availability of the views to observers, i.e., a borderline view is to be considered more important if it is viewed by many observers. |
| 23 | Within | The views within the area from other areas meet the criteria set above |
| 23 | Into | The views into the area from other areas meet the criteria set above |
| 23 | Out | The views out from the area to other areas meet the criteria set above |
| 23 | Both in and out | Both the views into and within and those out from the area meet the criteria set above |
| 23 | Neither in nor out | Neither the views into and within nor those out from the area meet the criteria set above |
| 24 | Perceptual and other Sensory Qualities | Refers to other sensory and perceived qualities of the Aspect Area. These are more subjective than the qualities described above but can nevertheless be helpful in defining what is important in an Aspect Area. |
| 24 | Tranquil | Sense of peace without disruptive noise or movement. Is the area quiet giving a sense of tranquillity and peace? This is a judgement on site and is not derived from a tranquil area map. |
| 24 | Noisy | Is the area noisy and affected by, for instance, busy roads or low flying aircraft? |
| 24 | Sheltered | Is the area particularly sheltered? |
| 24 | Exposed | Is the area particularly exposed? |
| 24 | Safe | Do you feel particularly safe in this area? |
| 24 | Threatening | Do you feel threatened in this area? The perceived danger posed by terrain and/or weather or other threat. |

| | | |
|----|---|--|
| 24 | Remote | Is the area perceived as remote? Remoteness is the physical isolation and removal from the presence of people, infrastructure (roads and railways) and settlement. |
| 24 | Settled | Is the area well settled and domestic in character? |
| 24 | Wild | Is the area perceived as wild? Wildness is the quality of an area which appears to be uninhabited and is often relatively inaccessible where the influence of human activity on the character and quality of the environment appears to have been minimal. |
| 24 | Spiritual | Does the area stimulate a spiritual response? |
| 24 | Smell | Is there a particularly distinctive smell in the area? |
| 24 | Other | Tick if there are other significant qualities. |
| 24 | ...Give details: | Give details of the significant qualities giving reasons for your responses. |
| 25 | What is the sense of place/local distinctiveness? | The character of a place that makes it locally distinctive i.e., different from other places. The essential character and spirit of an area (derived from genius loci- literally 'spirit of the place'). It refers to the overall ability of the place to convey a character that is recognisable or distinct at a local level. This is based on the arrangement and relationship of particular elements or qualities discussed above. It is not necessary for that sense of place/local distinctiveness to be based on a positive aesthetic; for instance, a concrete factory in an idyllic valley may have a stronger sense of place than the other idyllic valleys nearby. The judgement is based on the most local context first. However, the sense of place may work at different scales- from regional (e.g., the Valleys) to very local. The former provides a context for the latter. |
| 25 | Strong | Exhibits distinctive characteristics that are unique or specific to the study area |
| 25 | Moderate | Exhibits common but distinctive characteristics which may be repeated throughout the locality |
| 25 | Weak | Exhibits few distinctive characteristics which contribute to a 'sense of place' |
| 25 | None | Exhibits no distinctive characteristics |
| 25 | Give details | Give details of the characteristics. Do not describe the basis for your judgement, only the characteristics which you judged to be contributing to the local distinctiveness/sense of place. |

Table 21: Visual and Sensory Evaluation

| Question Number | Question | Definition/answer options |
|-----------------|-----------|---|
| 26 | Value | Select one from Outstanding, High, Moderate, Low |
| 27 | Condition | Good. The degree to which the physical state of a landscape is soundly managed and in a good state of |

| | | |
|----|-----------|--|
| | | repair. This includes elements, features, landscape structure and functioning. No potentially significant damaging activities, management, or development. Record opportunities to address specific condition issues in questions 33 to 38. |
| 27 | Condition | Fair and/or variable. The degree to which the physical state of a landscape is soundly managed and in a good state of repair. This includes elements, features, landscape structure and functioning. The character generally remains in a favourable condition, or condition varies across an area e.g., with land ownership. Record opportunities to address specific condition issues in questions 33 to 38. |
| 27 | Condition | Poor. The degree to which the physical state of a landscape is soundly managed and in a good state of repair. This includes elements, features, landscape structure and functioning. Significant parts or characteristics have been damaged or lost. Record opportunities to address specific condition issues in questions 33 to 38. |
| 28 | Trend | Improving. |
| 28 | Trend | Constant. |
| 28 | Trend | Declining. |

Table 22: Visual and Sensory Recommendations

| Question Number | Question | Definition/answer options |
|------------------------|---|---|
| 29 | Existing management | The appropriateness of existing management to maintain the positive qualities of an area. |
| 30 | Existing management remarks | Comments on current management and its effect. |
| 31 | Principal management recommendations | Recommendation to improve the current management relevant to the LANDMAP dataset. |
| 32 | Guidelines (up to 3) and indicate timescale | The most important practical actions that need to be taken to conserve or enhance the area relevant to the LANDMAP dataset. |
| 33 | Define the key qualities that should be conserved | Qualities that help define the positive character of an area. The terms used include enclosure, intimacy, exposure, wildness, tranquillity etc. |
| 34 | Define the key qualities that should be enhanced | Qualities that help define the positive character of an area but are currently degraded and could be improved. |
| 35 | Define the key qualities that | Qualities that disrupt or detract from the character of an area. |

| | | |
|------|--|--|
| | should be changed | |
| Note | Definition | Elements are the individual parts which make up the landscape e.g., trees, stone walls, buildings Features are prominent or eye-catching elements e.g. church towers, waterfall |
| 36 | Define the key elements that should be conserved | Elements or features that help define the positive character of an area. The terms used include elements such as trees, hedges, walls etc. |
| 37 | Define the key elements that should be enhanced | Elements that help define the positive character of an area but are currently in poor condition and can be improved. |
| 38 | Define the key elements that should be changed | Elements or features which disrupt or detract from the character of an area such as wireless masts, poor development etc. |

Table 23: Visual and Sensory Tolerance to change

| Question Number | Question | Definition/answer options |
|-----------------|--|--|
| 39 | Are there any significant threats to the current integrity and condition of the visual and sensory features of the area? | Inherent sensitivity, not its capacity for a specific scale and type of development. |

Table 24: Visual and Sensory Aspect Area Boundary

| Question Number | Question | Definition/answer options |
|-----------------|---|---|
| 40 | To what level was this information site-surveyed? | Options include levels 1, 2, 3, 4, individual site, none. |
| 41 | At 1:10,000, how much of the Aspect Area boundary is precise? (Follows specific landscape elements tracks, hedgerows, | Options include all, most, some, none. |

| | | |
|----|---|--|
| | contours, land use). | |
| 42 | What baseline information source was used for Aspect Area boundary mapping? | Options include OS Raster, OS Landline, Aerial photographs, other (e.g., Habitat Network Map 2022) |
| 43 | If OS Data was used, what was the scale? | Options include 1:10,000, 1:25,000 or 1:10,000 and 1:25,000. |
| 44 | What is the justification for the Aspect Area Boundaries? | Open text box to complete. |

Table 25: Visual and Sensory Bibliography

| Question Number | Question | Definition/answer options |
|-----------------|--|----------------------------|
| 45 | List the key sources used for this assessment. | Open text box to complete. |

Table 26: Visual and Sensory Evaluation Matrix

| Question Number | Question | Definition/answer options |
|-----------------|--|--|
| 46 | Evaluation criteria: Scenic quality | Outstanding. A landscape offering many scenes of a picturesque quality throughout the area, which are aesthetically pleasing in composition. The area is iconic for these nationally and internationally. |
| 46 | Evaluation criteria: Scenic quality | High. A landscape with some scenes of a picturesque quality, which are aesthetically pleasing in composition. The area is notable for these regionally. |
| 46 | Evaluation criteria: Scenic quality | Moderate. Landscapes with a few scenes of a picturesque quality, which are aesthetically pleasing in composition. These areas are notable locally for these. |
| 46 | Evaluation criteria: Scenic quality | Low. Landscapes with very limited aesthetically pleasing scenes. |
| 47 | Evaluation criteria: Integrity and quality | Outstanding. Characteristic features in good condition and consistent throughout the area, reflecting the intactness of the landscape, which are unspoilt by large-scale, visually intrusive, or other inharmonious development. |
| 47 | Evaluation criteria: Integrity and quality | High. Characteristic features in good condition are not fully consistent across the area, reflecting the relative intactness of the landscape, but are nevertheless |

| | | |
|----|--|---|
| | | mostly unspoilt by large-scale, visually intrusive, or other inharmonious development. |
| 47 | Evaluation criteria: Integrity and quality | Moderate. Some characteristic features remain intact, but others are fragmented, and/or partly spoilt by some large-scale, visually intrusive, or other inharmonious development. |
| 47 | Evaluation criteria: Integrity and quality | Low. Few characteristic features remain intact, and these are highly fragmented or spoilt by large-scale, visually intrusive, or other inharmonious development. |
| 48 | Evaluation criteria: Character | Outstanding. Landscapes of very distinctive character demonstrating explicit patterns of elements and features that creates a very strong sense of place. These areas are iconic and help define regional, national and international landscape identity. |
| 48 | Evaluation criteria: Character | High. Landscapes with distinctive character whose patterns of elements and features make a significant contribution to regional or county sense of place. |
| 48 | Evaluation criteria: Character | Moderate. Landscapes with some distinctive characteristics whose patterns of elements and features contribute to a local sense of place. |
| 48 | Evaluation criteria: Character | Low. Very little local character in keeping with the natural or built environment. A weak sense of place lacking in distinctive identity. |
| 49 | Evaluation criteria: Rarity | Outstanding. Includes characteristic features and qualities that are unique, exceptionally uncommon, or the best example. |
| 49 | Evaluation criteria: Rarity | High. Includes characteristic features and qualities features that are uncommon in a regional or county context. |
| 49 | Evaluation criteria: Rarity | Moderate. Includes characteristic features and qualities that although widely distributed may still be of local interest. |
| 49 | Evaluation criteria: Rarity | Low. Characteristic features and qualities present are common or widely distributed across the study area (county) or beyond. |
| 50 | Evaluation criteria: Overall Evaluation | Options include Outstanding, high, moderate, low. |
| 51 | Justification of Overall Evaluation. | This summary brings all the criteria text explanations together. This can either be a composite of all four justifications or a précis bringing out the key points. |

Table 27: Visual and Sensory Assessment

| Question Number | Question | Definition/answer options |
|------------------------|-------------------------|----------------------------------|
| 52 | Additional Assessments. | Open text box to complete. |
| 53 | Additional Comments | Open text box to complete. |

Table 28: Visual and Sensory LMP 14 and 09

| Question Number | Question | Definition/answer options |
|-----------------|---|---|
| 54 | LANDMAP derived landscape types (LMP14) | Description of associated LANDMAP LMP14 classification. |
| 55 | LANDMAP derived landscape types (LMP09) | Description of associated LANDMAP LMP09 classification. |

Table 29: Visual and Sensory Dark Skies

| Question Number | Question | Definition/answer options |
|-----------------|--------------------------------|---|
| 56 | Night-time light pollution | Refers to the estimated amount of light pollution in the Area based on extent of street lighting and other light sources. This is not a definitive judgement but identifies a concern of individual or cumulative effects of lighting. Consultant led night time light pollution assessment conducted at time of survey record or survey update. |
| 56 | Negligible | Very few sources of light such as uninhabited or very sparsely settled areas |
| 56 | Slight | Few sources of light such as sparsely settled areas such as scattered farms |
| 56 | Moderate | Some sources of light such as villages and clustered settlements. |
| 56 | Substantial | Many sources of light such as urban areas or lit roads or installations. |
| 57a to 57h | Dark skies Light Pollution % | % in brightness colour band (with value). Data has been classified into eight colour bands of brightness values (nw/cm2/sr). <0.5 (darkest); 0.5 - 1; 1 - 2; 2 - 4; 4 - 8; 8 - 16; 16 - 32 and > 32 (brightest). Lower values equate to lower light pollution and darker skies. 11365 Wales Dark Skies (arccgis.com). December 2019 VIRS. |
| 58a to 58h | Dark skies Light Pollution km2 | Km ² in brightness colour band (with value). Data has been classified into eight colour bands of brightness values (nw/cm2/sr). <0.5 (darkest); 0.5 - 1; 1 - 2; 2 - 4; 4 - 8; 8 - 16; 16 - 32 and > 32 (brightest). Lower values equate to lower light pollution and darker skies. 11365 Wales Dark Skies (arccgis.com). December 2019 VIRS. |

Table 30: Visual and Sensory Tranquillity and Place

| Question Number | Question | Definition/answer options |
|-----------------|--|--|
| 59a to 59j | Tranquillity and Place Visually Tranquil Areas % | % in visually tranquil category, rural themes 1, 2 and 3 combined. The visually tranquil categories range from 1 |

| | | |
|-----|-------------|---|
| | | (least visually tranquil) to 10 (most visually tranquil). 2022. |
| 59k | Data Source | Explanation of source and link to StoryMap |

Table 31: Visual and Sensory SLAs

| Question Number | Question | Definition/answer options |
|-----------------|--|---|
| 60 | Does the area overlap with Special Landscape Areas (SLA)? | 2024 change to List the Special Landscape Areas (SLAs) in this local authority or region |
| 61 | Approximately what percentage of the area overlaps with a SLA? | 2024 change to SLA policy and resources |

Table 32: Visual and Sensory Visible Settings

| Question Number | Question | Definition/answer options |
|-----------------|--|---------------------------|
| 62 | Visible settings of LANDMAP V and S areas | PDF link |
| 63 | Visible Settings of Designated Landscapes | PDF link |
| 64 | Key views into or out from Designated Landscapes | PDF link |

Historic Landscape

Table 33: Historic Landscape Monitoring

| Question Number | Question | Definition/answer options |
|-----------------|---|--|
| 1 | Date of monitoring? | Period of time the monitoring update covers. |
| 1a | Monitoring undertaken by | Record all involved in updating and quality assurance. |
| 1b | Has this record been updated following monitoring work? | 3 self-explanatory options. |
| 1c | Change indicated by | Information sourced from the monitoring table. |

| | | |
|----|--|--|
| 1d | What has changed? | Information sourced from the monitoring table, e.g., classification, boundaries, evaluation. |
| 1e | Has the information been verified in the field? If yes, at what scale has this been verified? | Record if a site survey has been completed. |
| 2 | Does this area have a special or functional link with an adjacent area? Which area and what is the nature of the link? | The relationship with adjacent areas can be important in the overall character or connectivity of an area, areas do not necessarily have to be adjacent. |

Table 34: Historic Landscape Description

| Question Number | Question | Definition/answer options |
|-----------------|---|---|
| 3 | If classification is other, specify | To be filled in if a classification has been adopted that is not in the existing hierarchy. New terms must be agreed with NRW in advance of their use. |
| 4 | Summary description | A description summarising the main historic character of the Area. |
| 5 | If working at Level 3, the classification describes the dominant historic pattern, but which other patterns are important to the historical pattern of this area? | In addition to the main classification selected, further patterns can be identified, if relevant, to indicate a more complex relationship influencing the historic landscape character. |
| 6 | If working at Level 4, which other 'details' are also significant to the historic character of this area? | Further details, if relevant, to indicate a more complex relationship influencing the historic landscape character. |
| 7 | If working at Level 4 only, which building types prevail in the area? | Identify those building styles and materials which are both historically important and which contribute significantly to the historic landscape character of the Area. |

| | | |
|----|---|--|
| 8 | If working at Level 4 'only', which periods prevail in this area? | Identify the period significant building types date from. |
| 9 | If working at Level 4 'only', which architectural types prevail in the area? | Identify which architectural styles are present in the area. |
| 10 | If working at Level 4 'only', which what traditional walling materials prevail in the area? | Identify which walling materials are present in the Area. |
| 11 | If working at Level 4 'only', which traditional roofing materials prevail in the area? | Identify which roofing materials are present in the area. |
| 12 | Which Traditional boundary types prevail in the area? | Identify the traditional boundary types which are both historically important and which contribute significantly to the historic landscape character of the Area. |
| 13 | What is the Nature of any significant archaeological interest in the area? | Assess the principal archaeological interest(s), which contribute significantly to the historic landscape character of the area. |
| 14 | Which chronological period is dominant in the area? | This is not a statement of all chronological evidence; it requires an assessment of the chronological period/s that are significantly relevant to the historical character of the area. |
| 15 | Has a Historical Landscape characterisation been undertaken here? If yes, provide detail | This section should be used to record the details of any historic landscape characterisation. |
| 16 | Are there SMR sites here? | This section records the presence or absence of sites recorded on Scheduled Monument Record. |
| 17 | Are there SAMs here? | This section records the presence or absence of Scheduled Monuments in the Aspect Area. Proposed name change to monument of special historic interest in Historic Environment Bill 2022. |

| | | |
|----|---|---|
| 18 | Are there listed buildings here? | This section records the presence or absence of Listed Buildings in the Aspect Area. |
| 19 | Are there registered Historic Parks and Gardens here? | This section records the presence or absence of Registered Parks and Gardens wholly or partly within the Aspect Area. |
| 20 | Are there Conservation Areas here? | This section records the presence or absence of Conservation Areas wholly or partly within the Aspect Area. |
| 21 | Are there World Heritage Sites here? | This section records the presence or absence of World Heritage Sites wholly or partly within the Aspect Area. |
| 22 | Is the area within a Registered Landscape of Historic Interest? | This section records the presence or absence of Registered Historic Landscapes wholly or partly within the Aspect Area. |

Table 35: Historic Landscape Evaluation

| Question Number | Question | Definition/answer options |
|------------------------|-----------------|--|
| 23 | Value | Select one from Outstanding, High, Moderate, Low, Unassessed |
| 24 | Condition | Good. No significant potentially damaging activities, management or development. |
| 24 | Condition | Fair. The character generally remains in a favourable condition. |
| 24 | Condition | Poor. Significant parts or characteristics have been damaged or lost. |
| 25 | Trend | Improving. |
| 25 | Trend | Constant. |
| 25 | Trend | Declining. |

Table 36: Historic Landscape Recommendations

| Question Number | Question | Definition/answer options |
|------------------------|--------------------------------------|---|
| 26 | Existing management | The appropriateness of existing management to maintain the positive qualities of an area. |
| 27 | Existing management remarks | Comments on current management and its effect. |
| 28 | Principal management recommendations | Recommendation to improve the current management relevant to the LANDMAP dataset. |

| | | |
|----|---|---|
| 29 | Guidelines (up to 3) and indicate timescale | The most important practical actions that need to be taken to conserve or enhance the area relevant to the LANDMAP dataset. |
|----|---|---|

Table 37: Historic Landscape Aspect area boundary

| Question Number | Question | Definition/answer options |
|-----------------|--|--|
| 30 | To what level was this information site-surveyed? | Options include levels 1, 2, 3, 4, individual site, none. |
| 31 | At 1:10,000, how much of the Aspect Area boundary is precise? (Follows specific landscape elements tracks, hedgerows, contours, land use). | Options include all, most, some, none. |
| 32 | What baseline information source was used for Aspect Area boundary mapping? | Options include OS Raster, OS Landline, Aerial photographs, other (e.g., Habitat Network Map 2022) |
| 33 | If OS Data was used, what was the scale? | Options include 1:10,000, 1:25,000 or 1:10,000 and 1:25,000. |
| 34 | What is the justification for the Aspect Area Boundaries? | Open text box to complete. |

Table 38: Historic Landscape Evaluation matrix

| Question Number | Question | Definition/answer options |
|-----------------|--------------------------------|---|
| 35 | Evaluation criteria: Integrity | The integrity of an Aspect Area relates to its overall 'completeness'. This is assessed by the visibility and legibility of the components or elements of the Dominant Landscape Pattern (at Level 3) or the Historic Landscape Detail (at Level 4). Greater visibility and legibility generally increase the potential for the historic landscape to be easily understood by the non-specialist and hence enhance its value. It is not necessarily about the physical survival of individual elements (which is quantified elsewhere), but about the |

| | | |
|----|--------------------------------|---|
| | | overall survival of the landscape pattern or detail as measured through the identification of its components, which might be both physical (for example fields systems, archaeological features or buildings) and associative (for example particular institutions, cultural figures or historical events). It may even be that historical processes and patterns have been maintained, or continue, so that the Aspect Area retains much of its original character, thus also enhancing its Integrity. |
| 35 | Evaluation criteria: Integrity | Outstanding. Pattern and/or Detail highly visible and easily understood; Aspect Area retaining most of its original character, form and function. |
| 35 | Evaluation criteria: Integrity | High. Pattern and/or Detail visible and fairly easily understood; Aspect Area retaining much of its original character, form and function. |
| 35 | Evaluation criteria: Integrity | Moderate. Pattern and/or Detail visible, but not easily understood Aspect Area retaining only some of its original character, form and function. |
| 35 | Evaluation criteria: Integrity | Low. Pattern and/or Detail not particularly visible and difficult to understand; Aspect Area retaining little or nothing of its original character, form and function. |
| 36 | Evaluation criteria: Survival | This relates to the degree of survival of individual elements and components present in the Aspect Area. In instances where the original extent or numbers are known (for example, traditional field boundaries for which there may be detailed mapped evidence), it may be possible to measure this quantitatively, but failing this estimates should be made. |
| 36 | Evaluation criteria: Survival | Outstanding. More than 90% of visible elements surviving. |
| 36 | Evaluation criteria: Survival | High. Between 71% and 90% of visible elements surviving. |
| 36 | Evaluation criteria: Survival | Moderate. Between 51% and 70% of visible elements surviving. |
| 36 | Evaluation criteria: Survival | Low. Between 26% and 50% of visible elements surviving. |
| 37 | Evaluation criteria: Condition | This relates to the condition of those elements and components that survive in the Aspect Area, as a measure of overall condition. It is therefore not the same as the survival of individual elements – 100% of an Aspects Area’s components may survive but they may all be in a poor condition. |
| 37 | Evaluation criteria: Condition | Outstanding. Elements surviving in very good condition for their class. |
| 37 | Evaluation criteria: Condition | High. Elements surviving in good or above average condition for their class. |
| 37 | Evaluation criteria: Condition | Moderate. Elements surviving in moderate or average condition for their class. |

| | | |
|----|---|--|
| 37 | Evaluation criteria: Condition | Low. Elements surviving in fair or below average condition for their class. |
| 38 | Evaluation criteria: Rarity | This relates to the rarity of the Aspect Area. This should be assessed against the Aspect Areas of the same type in the study area, as long as the study area is of sufficient size to make the comparison meaningful. Producing thematic maps based on the hierarchical classification can assist with this assessment. Care must also be taken here to compare like with like. For example, many rural areas classified at Level 3 will contain large numbers of Irregular fieldscapes, but these are not necessarily all the same thing – they may result from combinations of radically different Level 4 classes, for example. A certain amount of professional judgment will be required here to ensure a sensible result is achieved. |
| 38 | Evaluation criteria: Rarity | Outstanding. Includes features of exceptional historic importance which are nationally or internationally rare or unique. |
| 38 | Evaluation criteria: Rarity | High. Includes features that are historically rare or exceptional in a regional context. |
| 38 | Evaluation criteria: Rarity | Moderate. Includes features that although being widely distributed regionally, may still be of local interest. |
| 38 | Evaluation criteria: Rarity | Low. Features present are widely distributed regionally and but better elsewhere. |
| 39 | Evaluation criteria: Potential | This relates to the potential within the landscape for future study and analysis and for the potential of elements that might be, or already are, developed as a public educational and recreational amenity. |
| 39 | Evaluation criteria: Potential | Outstanding. Wide-ranging scope for future historic landscape study and /or its potential amenity value. |
| 39 | Evaluation criteria: Potential | High. Considerable scope for future historic landscape study and /or its potential amenity value. |
| 39 | Evaluation criteria: Potential | Moderate. Some scope for future historic landscape study and /or its potential amenity value. |
| 39 | Evaluation criteria: Potential | Low. Little scope for future historic landscape study and /or its potential amenity value. |
| 40 | Evaluation criteria: Overall Evaluation | The Aspect Specialist should evaluate each Aspect Area according to the criteria and rationale above and should assess the Level of intrinsic value against each criterion, and then accord an overall evaluation. To enable the overall evaluation to be determined, a crude mechanism would be to allow a score ranging from 1 for each Low (or Poor) to 4 for each Outstanding with each score then being added to the overall total. This gives an overall range from 5-20. This range of 16 points can be divided into four bands of four allowing the allocation of an Overall Evaluation. Outstanding 17 to 20, High 13 to 16, Moderate 9 to 12, Low 5 to 8. |

| | | |
|----|--------------------------------------|---|
| 41 | Justification of Overall Evaluation. | The evaluation must be clearly justified and explained in the survey. |
|----|--------------------------------------|---|

Table 39: Historic Landscape Bibliography

| Question Number | Question | Definition/answer options |
|-----------------|--|----------------------------|
| 42 | List the key sources used for this assessment. | Open text box to complete. |

Table 40: Historic Landscape Assessment

| Question Number | Question | Definition/answer options |
|-----------------|-------------------------|----------------------------|
| 43 | Additional Assessments. | Open text box to complete. |
| 44 | Additional Comments | Open text box to complete. |

Cultural Landscape Services

For a fuller explanation of the data within Cultural Landscape Services the following two evidence reports will be useful.

You can download the LANDMAP Cultural landscape services evidence report 336 from: [Natural Resources Wales / Publications about landscape, geology, soils and features of historic interest](#)

You can download the LANDMAP Cultural Landscape Services Cultural Heritage and Sense of Place and Belonging II evidence report 347, published in 2019: [Natural Resources Wales / Publications about landscape, geology, soils and features of historic interest](#)

Several questions are derived from other LANDMAP datasets, this is identified below.

Table 41: Cultural Landscape Services Details

| Question Number | Question | Definition/answer options |
|-----------------|--|---|
| 1 | Night-time light pollution | Visual and Sensory question 19 |
| 2 | Attractive views | Visual and Sensory question 22 |
| 3 | What are attractive views of/to? | Field work or local knowledge required. |
| 4 | Perceptual and other Sensory Qualities | Visual and Sensory question 24 |

| | | |
|----|--|---|
| 5 | Additional cultural, perceptual and sensory qualities and comment | Field work or local knowledge required. |
| 6 | Wales Tranquil Area Assessment (Zone B significant disturbance; Zone C some disturbance; Undisturbed; Urban) | Calculated from Wales Tranquil Areas 2009, LUC_TYPE in TranquilAreasWales |
| 7 | International Dark Sky Reserve or Dark Sky Reserve | Boundaries provided by Brecon Beacons National Park Authority, Elan Valley Trust and Snowdonia National Park Authority |
| 8 | What is the sense of place/ local distinctiveness | Visual and Sensory question 25 |
| 9 | What contributes to sense of place/ distinctiveness | Field work or local knowledge required. |
| 10 | Visual and Sensory landscape evaluation | Visual and Sensory question 50 |
| 11 | Justification of Visual and Sensory landscape value | Visual and Sensory question 51 |
| 12 | Scenic quality | Visual and Sensory question 46 |
| 13 | Character | Visual and Sensory question 48 |
| 14 | Geological Landscape evaluation | Geological Landscape question 33 |
| 15 | Landscape Habitats evaluation | Landscape Habitats question 45 |
| 16 | Historic Landscape evaluation | Historic Landscape question 40 |
| 17 | Are there any art/artistic expressions associated with the landscape/area? | For example, where connected to the landscape or landscape scale. Art, painting, sketches, engravings, carvings, reliefs, sculpture, ceramics and glass, film and photography, commercial art, commemorative art, pop art. Literature. narrative, prose, historic tour, local/parish history, poetry, drama, oral. Music, choral, classical, folk, popular, dance. Drama, classical theatre, theatr |

| | | |
|----|---|--|
| | | gwerin, pageants, processions. Requires desk work and local knowledge. |
| 19 | Are there any folklore/legends associated with the landscape/area? | For example, where connected to the landscape or landscape scale. Folk tales and stories, myths and legends, traditions and beliefs, superstitions, games, events. Requires desk work and local knowledge. |
| 21 | Are there any events/traditions associated with the landscape/area? | For example, where connected to the landscape or landscape scale. |
| 22 | No question | Question not yet used |
| 23 | World Heritage Sites present | Identifying any overlap with a World Heritage Site. |
| 24 | Feeling of Welsh national identity in the authority | Sourced from https://statswales.gov.wales/Catalogue/Equality-and-Diversity/National-Identity/nationalidentity-by-year-identity |
| 25 | Welsh language in the authority | Sourced from https://statswales.gov.wales/Catalogue/Equality-and-Diversity/National-Identity/nationalidentity-by-year-identity |
| 26 | HER entries | Sourced from Historic Environment Record (HER). |
| 27 | Cultural Heritage comment | Sourced from Historic Environment Record (HER). |
| 28 | % HER classes represented >1% | Sourced from Historic Environment Record (HER). |
| 29 | Archaeological Watching Briefs | Sourced from Historic Environment Record (HER). |
| 30 | Archaeological Excavations | Sourced from Historic Environment Record (HER). |