



Pennant Walters Ltd

Trecelyn Wind Farm

Draft Environmental Statement

Appendix 6B LANDMAP Filtering Process



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Appendix 6B

LANDMAP Filtering Process

1.1 Overview

- 1.1.1 To ensure that the detailed assessment of landscape effects focuses on potentially sensitive LANDMAP Aspect Areas and those most likely to be affected as a consequence of the Proposed Development, a filter approach is applied to existing LANDMAP evidence as outlined in *Using LANDMAP in Landscape and Visual Impact Assessments GN46*¹.
- 1.1.2 The results of this filtering process are presented below for each of the five aspects. The final column of each table records the results of each stage of the filtering process and the final row details the outcome of the applied filters and confirms those aspect areas which should be taken through to the detailed assessment of effects presented in **Appendices 6D to 6G** and summarised in **Chapter 6: LVIA** of the Environmental Statement (ES).

1.2 Geological Landscape

- 1.2.1 The filtering process relating to the Geological Landscape Aspect is set out in **Table 6B.1**. GLAAs are illustrated in **Figure 6.10a**.

Table 6B.1 Filtering process and record of results: Geological Landscape Aspect Areas

Stage	Description	Record of results (Aspect IDs)
Filter 1	Identify all Geological Landscape aspect areas that overlap fully or partially or are adjacent to the development site boundary , these are most likely to undergo change	Two areas identified: <ul style="list-style-type: none"> • CYNONGL001 • CYNONGL002
Filter 2	Identify Geological Landscape aspect areas from filter 1 that record a special relationship with other aspect areas in the LANDMAP survey question 2 . Include any extra aspect areas identified.	No special relationships recorded
Filter 3	If a Zone of Theoretical Visibility (ZTV) map is available, retain all filtered aspect areas that are visible with the development	All areas retained
Filter 4a	Identify and retain filtered aspect areas from filters 1 to 3 that are evaluated as outstanding or high in Geological Landscape survey question 33 , retaining all aspect areas in which the development is located.	Two areas retained: <ul style="list-style-type: none"> • CYNONGL001 • CYNONGL002
Filter 4b	Identify and retain filtered aspect areas from filters 1 to 3 that are evaluated as outstanding or high in rarity/uniqueness question 31 , retaining all aspect areas in which the development is located.	Two areas retained: <ul style="list-style-type: none"> • CYNONGL001 • CYNONGL002

Outcome of all filters: Two GLAAs retained

- CYNONGL001
- CYNONGL002

¹ Natural Resources Wales. (2023). Using LANDMAP in Landscape and Visual Impact Assessments GN46. [online]. Available at: <https://naturalresourceswales.gov.uk/guidance-and-advice/business-sectors/planning-and-development/evidence-to-inform-development-planning/using-landmap-in-landscape-and-visual-impact-assessments-gn46/?lang=en> [Accessed October 2023]

1.3 Landscape Habitats

1.3.1 The filtering process relating to the Landscape Habitats Aspect is set out in **Table 6B.2**. LHAs are illustrated in **Figure 6.10b**.

Table 6B.2 Filtering process and record of results: Landscape Habitats Aspect Areas

Stage	Description	Record of results (Aspect IDs)
Filter 1	Identify all Landscape Habitats aspect areas that overlap fully or partially or are adjacent to the development site boundary , these are most likely to undergo change	Four areas identified: <ul style="list-style-type: none"> • CYNONLH140 • CYNONLH149 • CYNONLH150 • CYNONLH151
Filter 2	If a Zone of Theoretical Visibility (ZTV) map is available, retain all filtered aspect areas that are visible with the development	All areas retained
Filter 3a	Identify and retain filtered aspect areas from filters 1 & 2 that are evaluated as outstanding or high in Landscape Habitats survey question 45 , retaining all aspect areas in which the development is located.	Two areas identified: <ul style="list-style-type: none"> • CYNONLH149 • CYNONLH150 Two areas removed: <ul style="list-style-type: none"> • CYNONLH140 - Moderate • CYNONLH151 - Moderate
Filter 3b	Identify and retain filtered aspect areas from filters 1 & 2 that are evaluated as outstanding or high in connectivity/cohesion question 42 , retaining all aspect areas in which the development is located.	Two areas continue to be retained: <ul style="list-style-type: none"> • CYNONLH149 • CYNONLH150 Two areas continue to be removed: <ul style="list-style-type: none"> • CYNONLH140 - Low • CYNONLH151 - Moderate
Outcome of all filters: two areas are retained		
<ul style="list-style-type: none"> • CYNONLH149 • CYNONLH150 		

1.4 Visual & Sensory

1.4.1 The filtering process relating to the Visual & Sensory Aspect is set out in **Table 6B.3**. VSAs are illustrated in **Figure 6.10c**.

Table 6B.3 Filtering process and record of results: Visual & Sensory Aspect Areas

Stage	Description	Record of results (Aspect IDs and name)
Filter 1	Identify all LANDMAP Visual & Sensory aspect areas within the 20km study area.	339 areas identified
Filter 2	If a Zone of Theoretical Visibility (ZTV) map is available, retain all filtered aspect areas that are visible with the development up to the limit of the study area.	206 areas retained
Filter 3a	Identify and retain filtered aspect areas that are evaluated as outstanding or high in Visual & Sensory overall evaluation (survey question 50) , retaining all aspect areas in which the development is located.	76 areas identified
Filter 3b	Identify and retain filtered aspect areas that are evaluated as outstanding or high in Visual & Sensory scenic quality (question 46) , retaining all aspect areas in which the development is located.	5 additional areas identified
Filter 3c	Identify and retain filtered aspect areas that are evaluated as moderate in Visual & Sensory overall evaluation (survey question 50) and evaluated as outstanding or high in character (question 48) if the overall evaluation is moderate, retaining all aspect areas in which the development is located.	8 additional areas identified
Filter 4	<u>WSP assigned filter</u> described in the Scoping Report: VSAs within LVIA study area that have more than 20% of their area within blade tip ZTV	35 areas removed
Outcome of all filters: 54 areas are retained		
<ul style="list-style-type: none"> • BLNGWVS119 • BLNGWVS226 • BLNGWVS307 • BLNGWVS352 • BLNGWVS399 • BLNGWVS404 • BLNGWVS542 • BLNGWVS688 • BLNGWVS713 • BLNGWVS808 • BLNGWVS985 • BRCKNVS372 • CRDFFVS003 • CRDFFVS004 • CRDFFVS029 • CRDFFVS030 • CRDFFVS040 • CRDFFVS041 • CRDFFVS042 • CRDFFVS046 • CRDFFVS094 • CYNONVS214 • CYNONVS129 • CYNONVS317 • CYNONVS361 • CYNONVS372 • CYNONVS404 • CYNONVS605 • CYNONVS854 • MNMTHVS003 • MNMTHVS010 • MNMTHVS017 • MRTHRVS119 • MRTHRVS858 • NWPRTVS001 • NWPRTVS005 • NWPRTVS006 • NWPRTVS007 • NWPRTVS009 • NWPRTVS010 • NWPRTVS030 • NWPRTVS035 • NWPRTVS037 • TRFNVS019 • TRFNVS022 • TRFNVS024 • TRFNVS027 • TRFNVS033 		

Stage	Description	Record of results (Aspect IDs and name)
<ul style="list-style-type: none">• CRDFFVS031• CRDFFVS032• CRDFFVS039	<ul style="list-style-type: none">• MNMTHVS018• MNMTHVS037• MNMTHVS100	

1.5 Historic Landscape

1.5.1 The filtering process relating to the Historic Landscape Aspect is set out in **Table 6B.4**. HLAAs are illustrated in **Figure 6.10d**.

Table Error! No text of specified style in document. B.4 Filtering process and record of results: Historic Landscape Aspect Areas

Stage	Description	Record of results (Aspect IDs and name)
Filter 1	Identify all Historic Landscape LANDMAP aspect areas within the 24km study area.	311 areas identified
Filter 2	If a Zone of Theoretical Visibility (ZTV) map is available, retain all filtered aspect areas that are visible with the development up to the limit of the study area.	218 areas retained
Filter 3	Identify and retain filtered aspect areas that are evaluated as Outstanding or High in Historic Landscape overall evaluation (survey question 40) retaining all aspect areas in which the development is located.	136 areas retained
Filter 4	<u>WSP assigned filter</u> described in the Scoping Report: HLAAs within LVIA study area that have more than 20% of their area within blade tip ZTV	48 areas removed
Outcome of all filters: 88 areas are retained		
<ul style="list-style-type: none"> • BLNGWHL001 • BLNGWHL002 • BLNGWHL005 • BLNGWHL006 • BLNGWHL008 • BLNGWHL009 • BLNGWHL012 • BLNGWHL022 • BLNGWHL025 • BLNGWHL026 • BLNGWHL029 • BLNGWHL034 • BLNGWHL036 • BLNGWHL037 • BLNGWHL041 • BLNGWHL044 • BLNGWHL045 • BRCKNHL133 • CRDFFHL005 • CRDFFHL010 • CRDFFHL011 • CRDFFHL012 • CRDFFHL015 • CRDFFHL018 • CRDFFHL032 • CRDFFHL045 • CRDFFHL049 • CYNONHL005 • CYNONHL290 • CYNONHL374 • CYNONHL426 • CYNONHL465 • CYNONHL556 • CYNONHL558 • CYNONHL602 • CYNONHL634 • CYNONHL660 • CYNONHL724 • CYNONHL831 • CYNONHL833 • CYNONHL878 • CYNONHL993 • MNMTHHL002 • MNMTHHL015 • MNMTHHL051 • MNMTHHL057 • MNMTHHL058 • MNMTHHL070 • MNMTHHL076 • MNMTHHL077 • MNMTHHL079 • MNMTHHL080 • MNMTHHL081 • MRTHRHL009 • MRTHRHL015 • MRTHRHL016 • MRTHRHL017 • MRTHRHL019 • NWPRTHL001 • NWPRTHL009 • NWPRTHL011 • NWPRTHL014 • NWPRTHL015 • NWPRTHL017 • NWPRTHL019 • NWPRTHL020 • NWPRTHL021 • NWPRTHL022 • NWPRTHL030 • NWPRTHL032 • NWPRTHL046 • NWPRTHL047 • NWPRTHL048 • TRFNHL011 • TRFNHL012 • TRFNHL013 • TRFNHL014 • TRFNHL015 • TRFNHL017 • TRFNHL018 • TRFNHL019 		

- CRDFFHL053
- CRDFFHL062
- CYNONHL004
- MRTHRHL011
- MRTHRHL013
- MRTHRHL014
- TRFNHL022

1.6 Cultural Landscape Services

1.6.1 The filtering process relating to the Cultural Landscape Services Aspect is set out in **Table 6B.5**. CLSAAs are illustrated in **Figure 6.10e**.

Table 6B.5 Filtering process and record of results: Cultural Landscape Services Aspect Areas

Stage	Description	Record of results (Aspect IDs and name)
Filter 1	Identify all Cultural Landscape Services aspect areas that overlap fully or partially or are adjacent to the development site boundary , these are most likely to undergo change.	Two areas identified: <ul style="list-style-type: none"> • CYNONCLS026 - Mynydd Llwyd and Mynydd Maen. • CYNONCLS050 – Mynydd Maen.
Filter 2	If a Zone of Theoretical Visibility (ZTV) map is available, retain all filtered aspect areas that are visible with the development.	All areas retained
Filter 3	Cultural Landscape Services does not include landscape evaluation information, retain all aspect areas identified from filter 1 or 2.	All areas retained
Filter 4	<u>WSP assigned filter</u> described in the Scoping Report: Adjacent CLAAs with more than 20% of their area within blade tip ZTV.	All areas retained
Outcome of all filters: Two areas retained		
<ul style="list-style-type: none"> • CYNONCLS026 • CYNONCLS050 		



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