



Awel y Môr Offshore Wind Farm

Category 6: Environmental Statement

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2 LANDMAP assessment

2.1 Introduction

- 1 LANDMAP, also referred to by Natural Resources Wales (NRW) as *'the Welsh landscape baseline'*, is a GIS (Geographical Information System) based landscape resource and dataset *'where landscape characteristics, qualities and influences on the landscape are recorded and evaluated into a nationally consistent dataset.'* NRW has recently updated their guidance on the use of LANDMAP in LVIAs. The previous Guidance Note 3 is now titled Guidance Note 46 (GN46) *'Using LANDMAP in Landscape and Visual Impact Assessment (LVIA)'* Jan 2021.
- 2 LANDMAP comprises five spatially related datasets, or aspect layers, as follows:
 - ▲ Geological Landscape: *'Considers the physical, primarily geological, influences that have shaped the contemporary landscape.'*
 - ▲ Landscape Habitats: *'Focuses on recording habitat features, characteristics and their spatial relationships within the context of the wider landscape.'*
 - ▲ Visual & Sensory: *'Maps landscape characteristics and qualities as perceived through our senses, primarily visually.'*
 - ▲ Historic Landscape: *'Landscape characteristics that depend on key historic land uses, patterns and features.'*
 - ▲ Cultural Landscape Services: *'Describes the links between landscape and people, from the way in which cultural, or human activity shapes the landscape, to the way in which culture shapes the way we respond to landscape.'*
- 3 LANDMAP divides these five aspect layers into aspect areas for which characteristics are described and each aspect area is given an evaluation score which are defined as -
 - ▲ *'Outstanding: nationally important;*
 - ▲ *High: regional or county importance;*
 - ▲ *Moderate: local importance*

- ▲ *Low: little or no importance'*
- 4 The LANDMAP guidance defines a 4-step filtering process to ascertain the aspect areas that are required to be assessed in the LVIA. The filtering approach varies depending on the aspect layers being considered and the guidance divides the approach into two distinct groups:
- ▲ Geological Landscape, Landscape Habitats and Cultural Landscape Services - the initial search area (Filter 1) includes the aspect areas that immediately overlap or are adjacent to the site boundary. Filters 2, 3 and 4 relate to the relationship to other aspect areas, theoretical visibility and evaluation scoring. This filtering process has been carried out in detail within Table 1.
 - ▲ Visual & Sensory and Historic Landscape - the initial search area (Filter 1) includes the aspect areas that lie within 3km of the OnSS. This is based on the table of search and study areas provided in the GN46 guidance. Filters 2, 3 and 4 relate to theoretical visibility, evaluation scoring and high sensitivity visual receptors. This filtering process has been carried out in detail within Table 2.
- 5 Aspect areas for all five aspect layers are mapped in Figures 2.9 – 2.13 (Application refs: 6.6.2.2.12 to 6.6.2.2.21) associated with Chapter 2 – Onshore LVIA (application ref 6.3.2) (See Volume 6, Annex 2: LVIA Figures).

Table 1: Preliminary assessment of LANDMAP Geological Landscape, Landscape Habitats and Cultural Landscape Services aspect areas

FILTER 1 / 2 - INITIAL SEARCH		FILTER 3 ZTV – YES / NO	FILTER 4 EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
Filter 1 -Aspect Areas that overlap or are adjacent to the proposed onshore AyM. Filter 2 - Geological aspect areas that have a special relationship with Filter 1 areas.		Retain aspect areas that have theoretical visibility indicated on the ZTV	Retain aspect areas that are evaluated as outstanding or high	Included in detailed LANDMAP assessment or not and description of which elements of the proposed onshore AyM this relates to.
Geological Landscape				
DNBGHGL012	Prestatyn-Rhyl	Yes	Low	No
DNBGHGL013	Rhyl-Prestatyn beach	Yes	High	Yes, section A of onshore ECC (landfall) lies within this aspect area
DNBGHGL014	Clwyd Estuary	Yes	Moderate	No
DNBGHGL015	Tytywyrch	Yes	Moderate	No
DNBGHGL016	Bodelwyddan	Yes	Moderate	No

FILTER 1 / 2 - INITIAL SEARCH		FILTER 3 ZTV – YES / NO	FILTER 4 EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
DNBGHGL031	Cefn Meiriadog	Yes	High	Yes, a part of section G of onshore ECC lies within this aspect area
Landscape Habitats				
DNBGHLH005	Coastal Urban Area	Yes	Low	No
DNBGHLH006	Rhyl Improved Grassland	Yes	High	Yes, the majority of sections B and C of onshore ECC lie within this aspect area
DNBGHLH011	Clwyd Estuary and Floodplain Grassland	Yes	High	Yes, section D and part of section E of onshore ECC lie within this aspect area
DNBGHLH019	Bodelwyddan Fields	Yes	Low	No
DNBGHLH021	Bodelwyddan Lowland Parkland	Yes	Moderate	No
DNBGHLH022	St Asaph Business Park	Yes	Moderate	No

FILTER 1 / 2 - INITIAL SEARCH		FILTER 3 ZTV – YES / NO	FILTER 4 EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
DNBGHLH023	Cefn Improved Grassland	Yes	Moderate	No
DNBGHLH104	Coastal Denbighshire	Yes	Moderate	No
Cultural Landscape Services				
DNBGHCLS002	Coast-West of Prestatyn	Yes	N/A	No. Construction effects would be evident within the immediate vicinity of the landfall which is within this aspect area, however, these temporary effects are not considered to alter the underlying cultural attributes of the aspect area.
DNBGHCLS004	Prestatyn/Rhyl	Yes	N/A	No. The onshore ECC would pass under this aspect area (A548 and Robin Hood Holiday Park) via HDD crossing.

FILTER 1 / 2 - INITIAL SEARCH		FILTER 3 ZTV – YES / NO	FILTER 4 EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
				Construction effects would be evident within the immediate vicinity of the HDD crossing, however, these temporary effects are not considered to alter the underlying cultural attributes of the aspect area.
DNBGHCLS007	Clwyd Estuary and River	Yes	N/A	No. The onshore ECC would pass under this aspect area (Clwyd River) via HDD crossing with the eastern HDD construction compound within it. Construction effects would be evident within the immediate vicinity of the HDD compounds, however, these temporary effects are not considered to alter underlying

FILTER 1 / 2 - INITIAL SEARCH		FILTER 3 ZTV – YES / NO	FILTER 4 EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
				cultural attributes of the aspect area.
DNBGHCLS008	Coastal Farmland-West and South of Rhyl	Yes	N/A	No. Construction effects would be evident within the immediate vicinity of section D of the onshore ECC, however, these temporary effects are not considered to alter underlying cultural attributes of the aspect area.
DNBGHCLS009	Coastal Fields-West of Prestatyn	Yes	N/A	No. Construction effects would be evident within the immediate vicinity of sections B & C of the onshore ECC, however, these temporary effects are not considered to alter underlying cultural attributes of the aspect area.

FILTER 1 / 2 - INITIAL SEARCH		FILTER 3 ZTV – YES / NO	FILTER 4 EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
DNBGHCLS010	Wooded Estate and Parkland-South	Yes	N/A	No. Construction effects would be evident within the immediate vicinity of section C of the onshore ECC, however, these temporary effects are not considered to alter underlying cultural attributes of the aspect area.
DNBGHCLS013	Coastal Fields-near Towyn	Yes	N/A	No. Construction effects would be evident within the immediate vicinity of sections D & E of the onshore ECC, however, these temporary effects are not considered to alter underlying cultural attributes of the aspect area.
DNBGHCLS014	Area North and East of Bodelwyddan	Yes	N/A	No. Construction effects would be evident within the

FILTER 1 / 2 - INITIAL SEARCH		FILTER 3 ZTV – YES / NO	FILTER 4 EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
				immediate vicinity of section E of the onshore ECC, however, the temporary and underground nature of the onshore ECC is not considered to alter the underlying cultural attributes of the aspect area.
DNBGHCLS015	Area North and East of Bodelwyddan	Yes	N/A	Yes, the OnSS, OnSS construction compounds, section F of the onshore ECC and OnSS access zone lie within this aspect area. It is considered that these elements have potential to alter the underlying cultural attributes of the aspect area.
DNBGHCLS023	A55	Yes	N/A	No. Construction effects would be evident within the immediate vicinity of the HDD

FILTER 1 / 2 - INITIAL SEARCH		FILTER 3 ZTV – YES / NO	FILTER 4 EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
				compound near the A55, however, these temporary effects are not considered to alter underlying cultural attributes of the aspect area.
DNBGHCLS030	Cefn Estate	Yes	N/A	Yes, section G of onshore ECC and is immediately adjacent to aspect area DNBGHCLS015 in which the OnSS would be located.
DNBGHCLS033	Wooded Parkland and Parkland Remnants	Yes	N/A	Yes, is immediately adjacent to aspect area DNBGHCLS015 in which the OnSS would be located.

Table 2: Preliminary assessment of LANDMAP Visual & Sensory and Historic Landscape aspect areas

FILTER 1 – ASPECT AREAS WITHIN SEARCH AREA		FILTER 2 ZTV – YES / NO	FILTER 3 / 4 ⁱ EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
Include all aspect areas within 3km of the OnSS		Retain aspect areas that have theoretical visibility indicated on the ZTV	Filter 3 - Retain aspect areas evaluated as outstanding or high	Included in detailed LANDMAP assessment or not and description of which elements of the proposed onshore AyM this relates to.
Visual and Sensory				
CNWVS019	Llanefydd lowlands	No	Moderate	No
CNWVS020	Kinmel Manor environs	Yes	High	No. Limited ZTV extent within Aspect Area and intervening woodlands, no potential for significant effects.

ⁱ Filter 4 – Retain all filter 3 aspect areas that are within the study area plus those aspect areas outside the study area but might contain highly sensitive visual receptors within the search area.

FILTER 1 – ASPECT AREAS WITHIN SEARCH AREA		FILTER 2 ZTV – YES / NO	FILTER 3 / 4 ⁱ EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
CNWVS023	Dulas Lowlands	No	Moderate	No
CNWVS069	Afon Elwy valley- east	No	High	No
DNBGHVS002	Coast-West of Prestatyn	Yes	High	No, no potential for significant effects. No visibility of the OnSS from this aspect area. Construction effects would be evident within the immediate vicinity of the landfall and section A of the onshore ECC, however, the temporary and under-ground nature of the onshore ECC is not considered to disrupt the underlying character of the aspect area.
DNBGHVS004	Prestatyn/Rhyl	Yes	Low	No
DNBGHVS005	Clwyd Estuary and River	Yes	High	No, no potential for significant effects. Visibility of the OnSS from this aspect area would be very limited due to distance, intervening trees and woodlands.

FILTER 1 – ASPECT AREAS WITHIN SEARCH AREA		FILTER 2 ZTV – YES / NO	FILTER 3 / 4 ⁱ EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
				Construction effects would be evident within the immediate vicinity of the HDD compounds for the Clwyd River crossing although is not considered to affect the underlying character of the aspect area.
DNBGHVS007	Coastal Farmland-West and South of Rhyl	Yes	Moderate	No
DNBGHVS009	Coastal Fields-West of Prestatyn	Yes	Moderate	No
DNBGHVS011	Wooded Estate and Parkland-South	Yes	High	No, no potential for significant effects. Visibility of the OnSS from this aspect area would be very limited due to distance, intervening trees and woodlands. Construction effects would be evident within the immediate vicinity of section C of the

FILTER 1 – ASPECT AREAS WITHIN SEARCH AREA		FILTER 2 ZTV – YES / NO	FILTER 3 / 4 ⁱ EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
				onshore ECC, however, the temporary and under-ground nature of the onshore ECC is not considered to disrupt the underlying character of the aspect area.
DNBGHVS012	Rhuddlan	Yes	High	No, no potential for significant effects. Visibility of the OnSS from this area would be very limited due to intervening trees and woodlands. Construction effects of the onshore ECC would only be evident in neighbouring aspect area but are not considered to affect the underlying character of this aspect area.
DNBGHVS013	Coastal Fields-near Towyn	Yes	Moderate	No
DNBGHVS014	Area North and East of Bodelwyddan	Yes	Moderate	No

FILTER 1 – ASPECT AREAS WITHIN SEARCH AREA		FILTER 2 ZTV – YES / NO	FILTER 3 / 4 ⁱ EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
DNBGHVS015	River Valley of Clwyd/Elwy-North of St Asaph	Yes	High	No, no potential for significant effects. Visibility of the OnSS from this aspect area would be very limited due to intervening trees and woodlands. Construction effects of the onshore ECC not evident from this aspect area.
DNBGHVS016	Vale Wooded Estate-South of Dyserth	Yes	High	No, no potential for significant effects. Visibility of the OnSS from this aspect area would be very limited due to intervening trees and woodlands. Construction effects of the onshore ECC not evident from this aspect area.
DNBGHVS026	A55	Yes	Low	No
DNBGHVS030	St Asaph	Yes	Moderate	No
DNBGHVS031	Vale of Clwyd-North of Denbigh	Yes	High	No, no potential for significant effects. Visibility of the OnSS from this aspect area would be very limited due to intervening

FILTER 1 – ASPECT AREAS WITHIN SEARCH AREA		FILTER 2 ZTV – YES / NO	FILTER 3 / 4 ⁱ EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
				trees and woodlands. Construction effects of the onshore ECC not evident from this aspect area.
DNBGHVS033	Cefn Estate	Yes	Moderate	No
DNBGHVS034	Bodelwyddan and Industrial Fringe	Yes	Moderate	No
DNBGHVS035	Wooded Parkland and Parkland Remnants	Yes	High	Yes, in relation to the OnSS which the ZTV illustrates theoretical visibility from within the Bodelwyddan Park RHPG, which occupies the eastern two thirds of the aspect area.
DNBGHVS036	Kinmel Park Fringes	Yes	Moderate	No
DNBGHVS037	Limestone Valley-Cefn	Yes	High	Yes, in relation to the OnSS which would be seen from the elevated northern edges of this aspect area.

FILTER 1 – ASPECT AREAS WITHIN SEARCH AREA		FILTER 2 ZTV – YES / NO	FILTER 3 / 4 ⁱ EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
DNBGHVS038	Upper Elwy Valley	No	High	No
Historic Landscape				
CNWHL005	Elwy Valley East	No	High	No
CNWHL009	Moel Tywysog	No	Moderate	No
CNWHL049	Kinmel Park	Yes	Outstanding	No, no potential for significant effects. The ZTV shows a small extent of theoretical visibility of the OnSS, however, visibility is restricted by distance and the successive layers of woodland that intervene in views east from these areas. Construction effects of the onshore ECC not evident from this aspect area.
CNWHL080	Rhyd-y-foel	No	High	No
CNWHL082	Mynydd y Gyrt	No	High	No

FILTER 1 – ASPECT AREAS WITHIN SEARCH AREA		FILTER 2 ZTV – YES / NO	FILTER 3 / 4 ⁱ EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
DNBGHHL001	Bodelwyddan	Yes	High	No, no potential for significant effects. Whilst theoretical visibility of the OnSS stretches across parts of this aspect area, intervening trees and woodland severely restrict visibility. Construction effects would be evident within the immediate vicinity of the landfall and section E of the onshore ECC, however, the temporary and under-ground nature of the onshore ECC would not introduce modern features into views or fundamentally disrupt the coherence of the historic landscape.
DNBGHHL005	Bodelwyddan Park	Yes	High	Yes, the OnSS zone lies within this aspect area and potential visibility is found within Bodelwyddan Park RHPG, which occupies the western two thirds of the aspect area to the west of the OnSS.
DNBGHHL006	Rhuddlan	Yes	Outstanding	No, no potential for significant effects. The ZTV shows theoretical visibility of the OnSS

FILTER 1 – ASPECT AREAS WITHIN SEARCH AREA		FILTER 2 ZTV – YES / NO	FILTER 3 / 4 ⁱ EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
				from elevated parts of this aspect area, however, visibility is restricted by distance and the successive layers of woodland and built elements that intervene in views south from this aspect area (see viewpoint 8 – Rhuddlan). Construction effects of the onshore ECC not evident from this aspect area.
DNBGHHL007	Rhuddlan	Yes	Moderate	No
DNBGHHL008	The Flash	Yes	High	No, no potential for significant effects. No visibility of the OnSS from this aspect area. Construction effects would be evident within the immediate vicinity of the landfall and section B and C of the onshore ECC, however, the temporary and under-ground nature of the onshore ECC would not introduce modern features into views or

FILTER 1 – ASPECT AREAS WITHIN SEARCH AREA		FILTER 2 ZTV – YES / NO	FILTER 3 / 4 ⁱ EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
				fundamentally disrupt the coherence of the historic landscape.
DNBGHHL009	Morfa cwybr	Yes	Moderate	No
DNBGHHL017	Pydew	Yes	Moderate	No
DNBGHHL019	St Asaph core	Yes	Outstanding	No, no potential for significant effects. Whilst the ZTV shows theoretical visibility of the OnSS within this aspect area however, visibility is restricted by distance and the successive layers of woodland and built elements that intervene in views west from this aspect area (see viewpoint 7 – St Asaph). Construction effects of the onshore ECC not evident from this aspect area.
DNBGHHL020	St Asaph	Yes	Moderate	No
DNBGHHL021	Bont-newydd	Yes	Outstanding	No, no potential for significant effects. The ZTV shows limited extent of theoretical visibility of the OnSS which would be further

FILTER 1 – ASPECT AREAS WITHIN SEARCH AREA		FILTER 2 ZTV – YES / NO	FILTER 3 / 4 ⁱ EVALUATION	PRELIMINARY ASSESSMENT
ASPECT AREA UID	ASPECT AREA NAME			
				restricted by intervening trees and woodlands. Construction effects of the onshore ECC not evident from this aspect area.
DNBGHHL038	Rhuallt	Yes	Moderate	No
DNBGHHL041	Pentre-mawr	Yes	Moderate	No
DNBGHHL042	Pengwern	Yes	Moderate	No
DNBGHHL043	Bodelwyddan	Yes	Low	No
DNBGHHL070	Rhyl	Yes	Unassessed	No
DNBGHHL071	Ffrith Beach	Yes	Moderate	No
DNBGHHL073	Prestatyn	Yes	Moderate	No

2.2 Detailed LANDMAP assessment

Table 3: LANDMAP assessment Geological Landscape, Landscape Habitats and Cultural Services aspect areas

ASPECT AREA UID AND NAME	SENSITIVITY	MAGNITUDE OF CHANGE	SIGNIFICANCE
Geological Landscape			
DNBGHGL013 Rhyl-Prestatyn beach	Taking account of the overall High LANDMAP Evaluation, value is considered to be High. The landfall would only affect a small portion of this aspect area and susceptibility is considered to be Low. Sensitivity is considered to be Medium.	Disturbance to surface features would arise during construction of the landfall. RIGS site 268 lies to the west of the Landfall and would be unaffected. The magnitude of change is considered to be Low.	Construction (Onshore ECC and Landfall): <i>Minor and Not Significant</i> Effect is adverse, short term and reversible.
DNBGHGL031 Cefn Meiriadog	Taking account of the overall High LANDMAP Evaluation, value is considered to be High. The onshore ECC would only affect a small portion of this aspect area, on its northern edges and is not	Disturbance to surface features would arise during construction of the onshore ECC. The magnitude of change is considered to be Low.	Construction (Onshore ECC): <i>Minor and Not Significant</i>

ASPECT AREA UID AND NAME	SENSITIVITY	MAGNITUDE OF CHANGE	SIGNIFICANCE
	<p>typical of the limestone ridges and scarp slopes found elsewhere in this aspect area. Susceptibility is therefore considered to be Low. Sensitivity is considered to be Medium.</p>		<p>Effect is adverse, short term and reversible.</p>
Landscape Habitats			
<p>DNBGHLH006 Rhyl Improved Grassland</p>	<p>Taking account of the overall High LANDMAP Evaluation, value is considered to be High. The onshore ECC would only affect a small portion of the landscape habitat of this aspect area and susceptibility is therefore considered to be Low. Sensitivity is considered to be Medium.</p>	<p>Potential effects in this aspect area are limited to physical effects resulting from the construction of sections B and C of the onshore ECC. A detailed description of physical effects is detailed in section 2.13 of Volume 3, Chapter 2: LVIA (application ref: 6.3.2). Once construction is completed disturbed land will be returned to agricultural use and removed sections of hedgerows will be reinstated. Where the onshore ECC options intersect with woodlands in this area, HDD is used to avoid woodland removals.</p>	<p>Construction (Onshore ECC): <i>Minor and Not Significant</i> Effect is adverse, short term and reversible.</p>

ASPECT AREA UID AND NAME	SENSITIVITY	MAGNITUDE OF CHANGE	SIGNIFICANCE
		The magnitude of change is considered to be Low.	
DNBGHLH011 Clwyd Estuary and Floodplain Grassland	Taking account of the overall High LANDMAP Evaluation, value is considered to be High. The onshore ECC would only affect a small portion of the landscape habitat of this aspect area and susceptibility is therefore considered to be Low. Sensitivity is considered to be Medium.	Potential effects in this aspect area are limited to physical effects resulting from the construction of section D of the onshore ECC. A detailed description of physical effects is detailed in section 2.13 of Volume 3, Chapter 2: LVIA (application ref: 6.3.2). Once construction is completed disturbed land will be returned to agricultural use and removed sections of hedgerows will be reinstated. The magnitude of change is considered to be Low.	Construction (Onshore ECC): <i>Minor and Not Significant</i> Effect is adverse, short term and reversible.
Cultural Services			
DNBGHCLS015 Area North and East of Bodelwyddan	St Asaph Business Park is central to and occupies a large extent of the aspect area. Described in LANDMAP as an area that 'functions as an important transition between settlement,	Construction effects would be evident within the immediate vicinity of section F of the onshore ECC and would also relate to the construction of the OnSS and access roads.	Construction (Onshore ECC and OnSS):

ASPECT AREA UID AND NAME	SENSITIVITY	MAGNITUDE OF CHANGE	SIGNIFICANCE
	<p>industrial and rural areas'. Susceptibility is considered to be Moderate.</p> <p>Value is considered to be Moderate. Evaluation of other aspect layers for this area are identified as being of a moderate level.</p> <p>Sensitivity is assessed as Medium.</p>	<p>Operational effects are limited to the introduction of OnSS and associated infrastructure to the western part of this aspect area.</p> <p>The rural nature of the site area would be changed by these elements of the proposed onshore AyM. Magnitude of change is considered to be Medium – High during construction, reducing to Medium once construction is completed. In year 15 once mitigation woodland has matured, the effect would reduce slightly but magnitude of change still considered to be Medium.</p>	<p><i>Moderate and Significant</i></p> <p>Operational (OnSS) year 1: <i>Moderate and Not Significant</i></p> <p>Operational (OnSS) year 15: <i>Moderate and Not Significant</i></p> <p>Effect is adverse, long term and reversible.</p>
<p>DNBGHCLS030 Cefn Estate</p>	<p>Susceptibility is considered to be Medium. Attractive landscape quality, however, LANDMAP recognises that '<i>due to the proximity of industrial development and frequency of this landscape type within the</i></p>	<p>Construction effects would be evident within the immediate vicinity of section G of the onshore ECC and the construction of the OnSS would be apparent in the neighbouring aspect area.</p>	<p>Construction (Onshore ECC and OnSS): <i>Moderate and Not Significant</i></p>

ASPECT AREA UID AND NAME	SENSITIVITY	MAGNITUDE OF CHANGE	SIGNIFICANCE
	<p><i>wider area'</i> the visual and sensory evaluation is not more than moderate.</p> <p>Value is considered to be Medium. Evaluation of other aspect layers for this area are largely identified as being of a moderate level.</p> <p>Sensitivity is assessed as Medium.</p>	<p>Operational effects are limited to the introduction of the OnSS in the neighbouring aspect area.</p> <p>Changes to the landscape within this aspect area would occur within the 'Industrial' context noted by LANDMAP. The OnSS (both during construction and operation) would only be evident from the north west fringes of the area. The temporary and under-ground nature of the onshore ECC is not considered to alter the underlying cultural attributes of the aspect area.</p> <p>Taking these factors into account, the magnitude of change is considered to be Medium during construction, Medium-Low once construction is completed and in year 15 (once mitigation woodland has matured), reduce to Low.</p>	<p>Operational (OnSS) year 1: <i>Moderate-Minor and Not Significant</i></p> <p>Operational (OnSS) year 15: <i>Minor and Not Significant</i></p> <p>Effect is adverse, long term and reversible.</p>

ASPECT AREA UID AND NAME	SENSITIVITY	MAGNITUDE OF CHANGE	SIGNIFICANCE
<p>DNBGHCLS033 Wooded Parkland and Parkland Remnants</p>	<p>This area largely includes the Bodelwyddan Parkland and an area to the south of Glascoed Road. Susceptibility is considered to be Medium-High. Susceptibility to change relates to the indirect effect of elements of the proposed onshore AyM to the east of this area and in particular in relation to the OnSS.</p> <p>Described in LANDMAP as an area that has 'good public access and one of the few former parkland estates in the wider county area to maintain public access in conjunction with well maintained formal parkland landscape features'</p> <p>Value is considered to be High. The evaluation level of other</p>	<p>Construction effects would only be apparent in the neighbouring aspect area primarily in relation to the OnSS.</p> <p>Operational effects are also limited to the introduction of the OnSS in the neighbouring aspect area.</p> <p>Changes to cultural landscape would potentially be experienced as indirect visual effects from areas of theoretical visibility shown on the ZTV. These areas are limited in number and extent due the woodlands along the eastern boundary of Bodelwyddan Park providing existing visual screening from much of the parkland landscape.</p> <p>Taking these factors into account, the magnitude of change is considered to be Medium during construction, Medium-Low in year 1 (once construction is completed), reducing to Low in year 15 (once mitigation woodland has matured).</p>	<p>Construction (OnSS): <i>Moderate-Major and Significant</i></p> <p>Operational (OnSS) year 1: <i>Not Moderate and Significant</i></p> <p>Operational (OnSS) year 15: <i>Moderate-Minor and Not Significant</i></p>

ASPECT AREA UID AND NAME	SENSITIVITY	MAGNITUDE OF CHANGE	SIGNIFICANCE
	<p>aspect layers for this area are identified as ranging between moderate and outstanding.</p> <p>Sensitivity is assessed as High.</p>		<p>Effect is adverse, long term and reversible.</p>

Table 4: LANDMAP assessment Visual & Sensory and Historic Landscape aspect areas

ASPECT AREA UID AND NAME	SENSITIVITY	MAGNITUDE OF CHANGE	SIGNIFICANCE
Visual and Sensory			
<p>DNBGHVS035 Wooded Parkland and Parkland Remnants</p>	<p>This aspect area is largely made up of Bodelwyddan Park a Registered Historic Park and Garden and value is considered to be Medium-High.</p> <p>The OnSS and OnSS construction compound lies immediately adjacent to Bodelwyddan Park and potential visibility is found within isolated parts of the parkland including at Bodelwyddan Castle.</p> <p>Susceptibility to change is considered to be Medium.</p> <p>Sensitivity is considered to be Medium-High.</p>	<p>Construction effects would only be apparent in the neighbouring aspect area primarily in relation to the OnSS.</p> <p>Operational effects are also limited to the introduction of the OnSS in the neighbouring aspect area.</p> <p>Changes to landscape character would potentially be experienced as indirect visual effects from areas of theoretical visibility shown on the ZTV. These areas are limited in number and extent due the woodlands along the eastern boundary of Bodelwyddan Park providing existing visual screening from much of the parkland landscape.</p> <p>Taking these factors into account, the magnitude of change is considered to be</p>	<p>Construction (OnSS and onshore ECC): <i>Moderate and Significant</i></p> <p>Operational (OnSS) year 1: <i>Moderate and Not Significant</i></p> <p>Operational (OnSS) year 15: <i>Moderate-Minor and Not Significant</i></p>

ASPECT AREA UID AND NAME	SENSITIVITY	MAGNITUDE OF CHANGE	SIGNIFICANCE
		Medium during construction, Medium-Low in year 1 (once construction is completed), reducing to Low in year 15 (once mitigation woodland has matured).	Effect is adverse, long term and reversible.
DNBGHVS037 Limestone Valley-Cefn	<p>Taking account of the overall High Evaluation, value is considered to be High.</p> <p>The OnSS would be located in the neighbouring aspect area to the north. Susceptibility is moderated by the level of man made influence both in this area of the LCA but also within the neighbouring LCA to the north. Susceptibility to change is considered to be Medium.</p> <p>Sensitivity is considered to be Medium-High.</p>	<p>The OnSS (both during construction and operation) would be evident from the elevated parts of this aspect area as a distant development within the context of the existing St Asaph Business Park.</p> <p>The magnitude of change is considered to be Medium-Low during construction and once construction is completed. In year 15 once mitigation woodland has matured, the magnitude of change is considered to reduce to Low.</p>	<p>Construction (OnSS and onshore ECC): <i>Moderate and Not Significant</i></p> <p>Operational (OnSS) year 1: <i>Moderate and Not Significant</i></p> <p>Operational (OnSS)</p>

ASPECT AREA UID AND NAME	SENSITIVITY	MAGNITUDE OF CHANGE	SIGNIFICANCE
			<p>year 15: <i>Minor and Not Significant</i></p> <p>Effect is adverse, long term and reversible.</p>
Historic Landscape			
<p>DNBGHHL005 Bodelwyddan Park</p>	<p>Bodelwyddan Park is a Registered Historic Park and Garden and value is considered to be Medium-High.</p> <p>The OnSS and OnSS construction compound lies immediately adjacent to Bodelwyddan Park and potential visibility is found within isolated parts of the parkland including at Bodelwyddan Castle.</p>	<p>Construction effects would only be apparent in the neighbouring aspect area primarily in relation to the OnSS.</p> <p>Operational effects are also limited to the introduction of the OnSS in the neighbouring aspect area.</p> <p>Changes to the historic landscape would potentially be experienced as indirect visual effects from areas of theoretical visibility shown on the ZTV. These areas are limited in number and extent due the woodlands along the eastern boundary of</p>	<p>Construction (OnSS and onshore ECC):</p> <p><i>Moderate and Significant</i></p> <p>Operational (OnSS)</p> <p>year 1:</p> <p><i>Moderate and Not Significant</i></p>

ASPECT AREA UID AND NAME	SENSITIVITY	MAGNITUDE OF CHANGE	SIGNIFICANCE
	<p>Susceptibility to change is considered to be Medium.</p> <p>Sensitivity is considered to be Medium-High.</p>	<p>Bodelwyddan Park providing existing visual screening from much of the parkland landscape.</p> <p>Taking these factors into account, the magnitude of change is considered to be Medium during construction, Medium-Low in year 1 (once construction is completed), reducing to Low in year 15 (once mitigation woodland has matured).</p>	<p>Operational (OnSS) year 15: <i>Moderate-Minor and Not Significant</i></p> <p>Effect is adverse, long term and reversible.</p>



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