

# **Wylfa Newydd Project**

## **6.8.22 ES Volume H - Logistics Centre App**

### **H10-2 - Landscape effects schedule**

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Note: The methodology for the assessment is set out in chapter B10 (Landscape and visual) (Application Reference Number: 6.2.10).

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## 1 Landscape effects schedule

### 1.1 Landscape effects

**Table 1-1 Landscape character – designated landscapes and published Landscape Character Areas (LCAs)<sup>1</sup>**

(Published sources of character areas have been used to inform the assessment of effects on designated landscapes)

Receptor (including indication of whether receptor would be or indirectly impacted)	Approx. distance to nearest point of Logistics Centre boundary	Key characteristics/features/special qualities, including source of these for published areas	Sensitivity of landscape receptor (with value (V) and susceptibility (S) in brackets)	Change to landscape with embedded and good practice landscape mitigation	Magnitude of landscape change without additional mitigation	Significance of effect without additional mitigation	Additional mitigation	Post-additional mitigation magnitude of change	Significance of residual effects
Isle of Anglesey Area of Outstanding Natural Beauty (AONB) (Directly impacted)	0m	<p>Relevant features and special qualities identified in <i>The Isle of Anglesey Area of Outstanding Natural Beauty (AONB) Management Plan Review 2015 – 2020 [RD1]</i> are listed below.</p> <p>Features:</p> <ul style="list-style-type: none"> <li>coastal landscape/seascape features;</li> <li>traditional agricultural landscape features; and</li> <li>geological and geomorphological features.</li> </ul> <p>Special qualities:</p> <ul style="list-style-type: none"> <li>expansive views/seascapes;</li> <li>peace and tranquillity;</li> <li>islands around Anglesey;</li> <li>broadleaved woodlands;</li> <li>lowland coastal heath;</li> <li>species-rich roadside verges;</li> <li>ecologically important coastal and wetland habitats (including rocky shores, estuaries, saltmarshes, beaches);</li> <li>built environment including Conservation Areas and Listed Buildings;</li> <li>ancient monuments/historic landscapes, parks and gardens;</li> <li>rural agricultural/coastal communities;</li> <li>Public Rights of Way network; and</li> <li>accessible land and water.</li> </ul> <p>Since there is no specific published source of landscape character available for the AONB, the</p>	High (V: High, S: High)	<p><u>Construction</u></p> <p>Direct effects: Specific changes would result from removal of existing field boundaries and resulting loss of field pattern, other vegetation clearance including loss of woodland and scrub and an area of rocky outcrop. Topsoil stripping, earthworks and movement of construction plant would also detract from the rural character of the AONB.</p> <p>Installation of construction fencing, establishment of a site compound, movement of plant and machinery, construction of the welfare/security building, covered inspection bay, road surface and hardstanding areas and perimeter security fencing with controlled entrance gates and barriers would also detract from the essentially rural character and tranquillity of the directly affected AONB. The local effect of such change would to some extent be limited by the presence of the A55 and former aluminium works to the north.</p> <p>Indirect effects: Intervisibility with construction works on adjoining area. The Logistic Centre works would erode the predominantly rural nature of the landscape adjacent to the site and to the south of the A55 and change the setting of the AONB locally.</p> <p><u>Operation - winter year 1</u></p> <p>Direct effects: Introduction of the Logistics Centre site with its, welfare/security building, covered inspection bay, hardstanding and parking for up to 100 HGVs road surface, and perimeter security</p>	Medium adverse over short-term for directly affected area (Size and scale: Small Geographical extent: Small)	Moderate adverse over short-term for directly affected area (Size and scale: Small Geographical extent: Small)	Restriction of cabin heights to two storeys (Negligible adverse on overall AONB: Not Significant)	Medium adverse over short-term for directly affected area (Size and scale: Small Geographical extent: Small)	Moderate adverse over short-term for directly affected area: Significant (Negligible adverse on overall AONB: Not Significant)

<sup>1</sup> For the locations of designated areas and published LCAs, refer to figures H10-2 and H10-4.

Receptor (including indication of whether receptor would be directly or indirectly impacted)	Approx. distance to nearest point of Logistics Centre boundary	Key characteristics/features/special qualities, including source of these for published areas	Sensitivity of landscape receptor (with value (V) and susceptibility (S) in brackets)	Change to landscape with embedded and good practice landscape mitigation	Magnitude of landscape change without additional mitigation	Significance of effect without additional mitigation	Additional mitigation	Post-additional mitigation magnitude of change	Significance of residual effects
		assessment of effects reported in chapter H10 (landscape and visual) has also had regard to the effects on the key characteristics of the corresponding LCAs 2 and 3 defined in the <i>Anglesey Landscape Strategy Update 2011</i> (IACC and TACP, 2011) [RD2]		<p>fencing with controlled entrance gates and barriers would increase the extent of industrial development within the local landscape. Completed landscaping including the retention of an area of rocky outcrop within the site would help integrate the Logistics Centre into the surrounding landscape to some extent.</p> <p>Indirect effects: Intervisibility with the operational Logistics Centre site on adjoining area. The Logistic Centre site would erode the predominantly rural nature of the landscape adjacent to the site and to the south of the A55 and change the setting of the AONB locally.</p>	(Size and scale: Medium Geographical extent: Small)	area: Significant (Negligible adverse on overall AONB: Not Significant)	landscape architectural strategies for landscape integration suited to industrial park location.	area: (Size and scale: Medium Geographical extent: Small)	Significant (Negligible adverse on overall AONB: Not Significant)
				<p><u>Operation – summer year 5</u></p> <p>Direct effects: Hedgerow planting to site boundary would be establishing helping to integrate the Logistics Centre site into the surrounding landscape to some extent. However, the presence of the industrial area would be uncharacteristic of the landscape character.</p> <p>Indirect effects: The Logistics centre site would continue to be uncharacteristic of the landscape character and setting of the AONB.</p>	Medium adverse for directly affected area over medium-term (Size and scale: Small Geographical extent: Small)	Moderate adverse for directly affected area over medium-term: Significant (Minor adverse on overall AONB: Not Significant)	Architectural treatment of proposed buildings and structures through coordination of landscape and architectural strategies for landscape integration suited to industrial park location.	Medium adverse for directly affected area over medium-term (Size and scale: Small Geographical extent: Small)	Moderate adverse for directly affected area over medium-term: Significant (Minor adverse on overall AONB: Not Significant)

Receptor (including indication of whether receptor would be directly or indirectly impacted)	Approx. distance to nearest point of Logistics Centre boundary	Key characteristics/features/special qualities, including source of these for published areas	Sensitivity of landscape receptor (with value (V) and susceptibility (S) in brackets)	Change to landscape with embedded and good practice landscape mitigation	Magnitude of landscape change without additional mitigation	Significance of effect without additional mitigation	Additional mitigation	Post-additional mitigation magnitude of change	Significance of residual effects
				<u>Decommissioning</u> Direct effects: Removal of welfare/security building, inspection bay covering, security scanner and security kiosks. The security fencing, lighting, hardstanding, hedgerow planting and rocky outcrop, would be retained. Indirect effects: The Logistics centre site would continue to be uncharacteristic of the landscape character and setting of the AONB.	<b>Small</b> adverse for directly affected area over medium-term (Size and scale: Small Geographical extent: Small)	<b>Minor</b> adverse for directly affected area over medium-term: (Negligible adverse on overall AONB: Not Significant)		<b>Small</b> adverse for directly affected area over medium-term (Size and scale: Small Geographical extent: Small)	<b>Minor</b> adverse for directly affected area over medium-term: (Not Significant (Negligible adverse on overall AONB: Not Significant))

Receptor (including indication of whether receptor would be directly or indirectly impacted)	Approx. distance to nearest point of Logistics Centre boundary	Key characteristics/features/special qualities, including source of these for published areas	Sensitivity of landscape receptor (with value (V) and susceptibility (S) in brackets)	Change to landscape with embedded and good practice landscape mitigation	Magnitude of landscape change without additional mitigation	Significance of effect without additional mitigation	Additional mitigation	Post-additional mitigation magnitude of change	Significance of residual effects
Local Landscape Character Based on Anglesey Landscape Strategy Update 2011 LCA 2: Holy Island Anglesey Landscape Strategy Update 2011 (IACC and TACP, 2011) [RD2]	0m LCA 2 915m LCA 3	To the south and east of Holyhead town, the local landscape character falls into two distinctive sub units, separated by the development corridor of Holyhead-Trearddur along the B4545 road. To the north of the landscape character area the landscape is relatively low lying but due to the underlying geology has a number of craggy outcrops. The area has small fields typically with stone boundaries and gorse hedges. The fir trees that grow here exhibit a windblown form. To the south of the road, again there are rough, craggy areas within areas of more undulating terrain, where glacial clay cover is more widespread. At Penrhos is the former estate of the Stanley family which is now managed as a Country Park.  Holyhead and Trearddur form the main settlement axis. Holyhead, a major port with associated industries. In more recent years the construction of the A55 has increased this. Trearddur, a village influenced by tourism with a number of hotels, second homes, camping and caravan sites together with a golf course. The landscape between the settlements represents a predominantly rural character with a number of visual detractors and urban/industrial influences including the former aluminium works, retail/industrial developments, A55 and Chester to Holyhead railway line; and aircraft noise from the nearby RAF Valley airfield.	High (V: High, S: Medium)	<p><u>Construction</u></p> <p>LCA2 Direct effects: Specific changes would result from removal of existing field boundaries and resulting loss of field pattern, other vegetation clearance including loss of woodland and scrub and an area of rocky outcrop. Topsoil stripping, earthworks and construction plant.</p> <p>Installation of construction fencing, establishment of a site compound, movement of plant and machinery, construction of the welfare/security building, covered inspection bay, road surface and hardstanding areas and perimeter security fencing with controlled entrance gates and barriers would also detract from the essentially rural character of the local landscape. The effect of such change would to some extent be limited by the presence of the Parc Cybi service road to the south and the A55 and former aluminium works to the north of the Logistics Centre site.</p> <p>LCA 2 Indirect effects: Intervisibility with construction works on adjoining area. The Logistic Centre works would erode the predominantly rural nature of the landscape adjacent to the site and to the south of the A55 and change the setting of the local landscape character.</p> <p>LCA 3: There would be no direct or indirect effects.</p>	Medium adverse over short-term (Size and Scale: Small, Geographical Extent: Small)	Moderate adverse over short-term: Significant	Restriction of cabin heights to two storeys.	Medium adverse over short-term (Size and Scale: Small, Geographical Extent: Small)	Moderate adverse over short-term: Significant

Receptor (including indication of whether receptor would be directly or indirectly impacted)	Approx. distance to nearest point of Logistics Centre boundary	Key characteristics/features/special qualities, including source of these for published areas	Sensitivity of landscape receptor (with value (V) and susceptibility (S) in brackets)	Change to landscape with embedded and good practice landscape mitigation	Magnitude of landscape change without additional mitigation	Significance of effect without additional mitigation	Additional mitigation	Post-additional mitigation magnitude of change	Significance of residual effects
				<p>area. The Logistic Centre would erode the predominantly rural nature of the landscape adjacent to the site and to the south of the A55 and change the setting of the local landscape character.</p> <p>LCA 3: There would be no direct or indirect effects.</p> <p><u>Operation – summer year 5</u></p> <p>LCA 2 Direct effects: Hedgerow planting to site boundary would be establishing helping to integrate the Logistics Centre site into the surrounding landscape to some extent. However, the presence of the industrial area would be uncharacteristic of the local landscape character.</p> <p>LCA 2 Indirect effects: The Logistics centre site would continue to be uncharacteristic of the character and setting of the local landscape.</p> <p>LCA 3: There would be no direct or indirect effects.</p>			<p>Implementation of landscape strategy to ensure successful establishment of proposed landscaping and long-term viability of planting.</p>		
				<p><u>Operation – summer year 5</u></p> <p>LCA 2 Direct effects: Hedgerow planting to site boundary would be establishing helping to integrate the Logistics Centre site into the surrounding landscape to some extent. However, the presence of the industrial area would be uncharacteristic of the local landscape character.</p> <p>LCA 2 Indirect effects: The Logistics centre site would continue to be uncharacteristic of the character and setting of the local landscape.</p> <p>LCA 3: There would be no direct or indirect effects.</p>	<p><b>Medium</b> adverse over medium-term (Size and Scale: Small, Geographical Extent: Small)</p>	<p><b>Moderate</b> adverse over medium-term: Significant</p>	<p>Architectural treatment of proposed buildings and structures through coordination of landscape and architectural strategies for landscape integration as suited to its industrial park location.</p> <p>Implementation of landscape strategy to ensure successful establishment of proposed landscaping and long-term viability of planting.</p>	<p><b>Medium</b> adverse over medium-term (Size and Scale: Small, Geographical Extent: Small)</p>	<p><b>Moderate</b> adverse over medium-term: Significant</p>

Receptor (including indication of whether receptor would be directly or indirectly impacted)	Approx. distance to nearest point of Logistics Centre boundary	Key characteristics/features/special qualities, including source of these for published areas	Sensitivity of landscape receptor (with value (V) and susceptibility (S) in brackets)	Change to landscape with embedded and good practice landscape mitigation	Magnitude of landscape change without additional mitigation	Significance of effect without additional mitigation	Additional mitigation	Post-additional mitigation magnitude of change	Significance of residual effects
				<p><u>Decommissioning</u></p> <p>LCA 2 Direct effects: Removal of welfare/security building, inspection bay covering, security scanner and security kiosks. The security fencing, lighting, hardstanding, hedgerow planting and rocky outcrop would be retained.</p> <p>LCA 2 Indirect effects: The Logistics centre site would continue to be uncharacteristic of the landscape character and setting of the LCA.</p> <p>LCA 3: There would be no direct or indirect effects.</p>	<p><b>Small</b> adverse over medium-term (Size and scale: Small Geographical extent: Small)</p>	<p><b>Minor</b> adverse over medium-term: Not significant</p>		<p><b>Small</b> adverse over medium-term (Size and scale: Small Geographical extent: Small)</p>	<p><b>Minor</b> adverse over medium-term: Not significant</p>

## 1.2 References

ID	Reference
RD1	IACC. 2015. <i>The Isle of Anglesey Area of Outstanding Natural Beauty (AONB) Management Plan Review 2015 – 2020</i> . [Online]. [Accessed: February 2017]. Available from: <a href="http://www.anglesey.gov.uk/Journals/w/x/m/Anglesey-AONB-Management-Plan-2015_20.pdf">http://www.anglesey.gov.uk/Journals/w/x/m/Anglesey-AONB-Management-Plan-2015_20.pdf</a> .
RD2	IACC and TACP. 2011. <i>The Isle of Anglesey: Anglesey Landscape Strategy Update 2011 (Document No. DC.011)</i> . [Online]. [Accessed: February 2017]. Available from: <a href="https://www.gwynedd.llyw.cymru/en/Council/Documents---Council/Strategies-and-policies/Environment-and-planning/Planning-policy/Supporting-documents/Angesey-Landscape-Strategy---Update-2011-(DC.011).pdf">https://www.gwynedd.llyw.cymru/en/Council/Documents---Council/Strategies-and-policies/Environment-and-planning/Planning-policy/Supporting-documents/Angesey-Landscape-Strategy---Update-2011-(DC.011).pdf</a> .