



Connah's Quay Low Carbon Power

Environmental Statement Volume IV Appendix 12-B: Relevant Designated Sites

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Prepared for:
Uniper UK Limited

Prepared by:
AECOM Limited

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12. Relevant Designated Sites for Marine Ecology Receptors

12.1.1 There are five nature conservation designations (Special Areas of Conservation (SACs) and Sites of Special Scientific Interest (SSSI's)) with relevant marine / estuarine receptors within the study area. These designated sites are listed in **Table 1** and shown in **Figure 12-2: Designated Sites with Marine Ecological Features (EN010166/APP/6.3)**.

Table 1: Relevant Designated Sites in the study area

Site Name	Country Designation	Relevant Reason(s) for Designation ¹	Distance from the Order limits
The Dee Estuary (Aber Dyfrdwy) SAC / RAMSAR / SSSI	Wales and England	<p>SAC</p> <p>Primary Qualifying Features</p> <p><u>Annex I habitats</u></p> <p>1140 Mudflats and sandflats not covered by seawater at low tide</p> <p>1310 Salicornia and other annuals colonizing mud and sand</p> <p>1330 Atlantic salt meadows (<i>Glauco-Puccinellietalia maritima</i>)</p> <p>Qualifying features but not a primary reason for site selection</p> <p><u>Annex I habitats</u></p> <p>1130 Estuaries</p> <p>1210 Annual vegetation of drift lines</p> <p>1230 Vegetated sea cliffs of the Atlantic and Baltic Coasts</p> <p>2110 Embryonic shifting dunes</p> <p>2120 "Shifting dunes along the shoreline with <i>Ammophila arenaria</i> ("white dunes")"</p> <p>2130 "Fixed coastal dunes with herbaceous vegetation ("grey dunes")" * Priority feature</p> <p>2190 Humid dune slacks</p> <p><u>Annex II species</u></p> <p>Sea lamprey <i>Petromyzon marinus</i></p>	Within the Water Connection Corridor

¹ Only marine and estuarine qualifying features are considered in this chapter.

Site Name	Country Designation	Relevant Reason(s) for Designation ¹	Distance from the Order limits
		<p>River lamprey <i>Lampetra fluviatilis</i></p> <p><u>SSSI</u> The SSSI supports intertidal mud and sandflats, grey seal <i>Halichoerus grypus</i> and smelt <i>Osmerus eperlanus</i>.</p> <p><u>Ramsar</u> The Ramsar site supports intertidal sandflats and mudflats.</p>	
River Dee and Bala Lake SAC	Wales	<p>Primary Qualifying Features <u>Annex II species</u> Atlantic salmon <i>Salmo salar</i></p> <p>Qualifying features but not a primary reason for site selection <u>Annex II species</u> Sea lamprey River lamprey</p>	Located adjacent to the Water Connection Corridor
River Dee (Aber Dyfrdwy) SSSI	Wales	<p><u>Annex II species</u> Atlantic salmon Brown trout <i>Salmo trutta</i></p>	Approximately 0.1 km upstream of the Water Connection Corridor
North Anglesey Marine / Gogledd Môn Forol SAC/ Marine Protection Area (MPA)	Wales	<p><u>Annex II species</u> 1351 Harbour porpoise <i>Phocoena phocoena</i></p>	80 km from the Water Connection Corridor (hydrologically)
Lleyn Peninsula and the Sarnau (Pen Llŷn â'r Sarnau) SAC	Wales	<p>Primary Qualifying Features <u>Annex I habitats</u> 1110 Sandbanks which are slightly covered by sea water all the time; 1130 Estuaries 1150 Coastal lagoons ^{Priority feature}</p>	160 km from the Water Connection Corridor (hydrologically)

Site Name	Country Designation	Relevant Reason(s) for Designation ¹	Distance from the Order limits
		<p>1160 Large shallow inlets and bays</p> <p>1170 Reefs</p> <p>Qualifying features but not a primary reason for site selection</p> <p><u>Annex I habitats</u></p> <p>1140 Mudflats and sandflats not covered by seawater at low tide</p> <p>1310 Salicornia and other annuals colonizing mud and sand</p> <p>1330 Atlantic salt meadows (<i>Glauco-Puccinellietalia maritima</i>)</p> <p>8330 Submerged or partially submerged sea caves</p> <p><u>Annex II species</u></p> <p>1349 Bottlenose dolphin <i>Tursiops truncatus</i></p> <p>1364 Grey seal</p>	

