

Appendix 14.1 – Approved Projects ZOI's

P2021/1255 ZOIs per relevant technical topic (Approved Project 1)

Technical Topic	Study Area	Adopted ZOI
Ecology	1km for Statutory and non-statutory designated sites. Site and immediately adjacent land for habitat and species	1km
Socio-Economics	Local Impact Area of Margam and Port Talbot District Impact Area of Neath Port Talbot CBC.	- *
Air Quality	Most distance receptor assessed located approximately 1.6km from project boundary	2km
Landscape and Visual Impact	3km	3km
Noise	Most distance receptor assessed located approximately 70m from project boundary	0.1km

** Given extent of study area for the project it is assumed there will be an overlap with the ZOI for the Proposed Scheme*

P2022/0470 ZOIs per relevant technical topic (Approved Project 2)

Technical Topic	Study Area	Adopted ZOI
Air Quality	Most distance receptor assessed located approximately 0.37km from project boundary	0.4km
Landscape and Visual Impact	2km	2km
Noise	Most distance receptor assessed located approximately 0.34km from project boundary	0.4km
Transport	Local Highways Network associated with four key junctions (1. Moor Road/Baglan Way; 2. Village Road/Baglan Way / Fenbrook Close Roundabout; 3. Central Road / A421 / Baglan Way Roundabout; and 4. A4241 /	0.85km

Technical Topic	Study Area	Adopted ZOI
	Afan Way / Seaway Parade Roundabout)	
Ecology	2km for national statutory and non-statutory designated sites. ¹ Site and immediately adjacent land for habitat and species	2km

P2018/1036 ZOIs per relevant technical topic (Approved Project 3)

Technical Topic	Study Area	Adopted ZOI
Ecology	Varies study areas used to inform baseline investigations, however, conclusion of preliminary ecological appraisal suggested potential ecological impacts limited to site specific habitats.	0.1km
Air Quality	Assessment focused primarily on construction dust, with no specific study area for receptors applied.	0.25km
Landscape and Visual Impact	2km	2km
Noise	Most distance receptor assessed located approximately 1.4km from project boundary	1.5km

DNS/3264571 ZOIs per relevant technical topic (Approved Project 4)

Technical Topic	Study Area	Adopted ZOI
Ecology	10km for Statutory and 2km for non-statutory designated sites. 2km for habitat and species, with a 5km radius for bats	10km
Landscape and Visual Assessment	45km ²	15km
Noise	Assessment of existing sound levels at 10 neighbouring noise sensitive receptors.	-*

¹ International statutory designated were studied up to 10km, however, the appraisal found no impacts upon the two designated sites within this extent and therefore discounted from the applicable ZOI.

² The assessment is broadly focussed on potential effects within 15 km.

Technical Topic	Study Area	Adopted ZOI
Socio-Economics	3 spatial boundaries identified, local, regional (Welsh) and national (UK-level).	- **

The Noise ES Chapter submitted for the project did not include a specific study area, but from a review of 'Appendix 12.5 – Noise Contour Plots', receptors modelled are located to the east of the M4 which do not overlap with the receptors considered in **Chapter 12. Noise and Vibration.*

***Given extent of study area for the project, it is assumed there will be an overlap with the ZOI for the Proposed Scheme.*