



**AECOM**

PROJECT  
NET ZERO TEESIDE PROJECT

Net Zero Teesside

APPLICANTS  
NZT POWER LTD. AND NZNS STORAGE LTD.

KEY

- Site Boundary
- Power, Capture and Compressor Site
- CO<sub>2</sub> Export Pipeline - HDD Area
- Ramsar Site
- Special Protection Area

CO<sub>2</sub> Export Pipeline - HDD Area - Noise Distance Bands

Distance (m) - Level  $L_{Aeq, T}$  (dB) -

- 24 - 69 - IECS Receptor Value
- 90 - 58 - 10 dB above Bran Sands measured daytime  $L_{Aeq, T}$
- 130 - 55 - 10 dB above Coatham measured daytime  $L_{Aeq, T}$
- 290 - 48 - Equal to Bran Sands measured daytime  $L_{Aeq, T}$
- 425 - 45 - Equal to Coatham measured daytime  $L_{Aeq, T}$

NOTE:  
Noise level predictions made with barrier that completely hides the HDD sources from the receiver.

The noise levels predicted are based upon the methodologies outlined in:  
- Chapter 11: Noise and Vibration  
- Appendix 11A: Construction Noise Assessment Methodology

Details of assessment methodologies for assessing noise impacts on ecological receptors contained in Chapter 15: Ornithology and the Habitats Regulations Assessment

TITLE  
FIGURE 11-4 B V2  
NOISE DISTANCE BANDS  
CO<sub>2</sub> EXPORT PIPELINE - CONSTRUCTION  
WITH FULLY SCREENING BARRIER

REFERENCE  
NZT\_210906\_ES\_11-4B\_v3

SHEET NUMBER  
1 of 1

DATE  
12/10/21

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