





## BERWICK BANK WIND FARM OFFSHORE ENVIRONMENTAL IMPACT ASSESSMENT

APPENDIX 10.1, ANNEX E: NOISE CONTOURS FOR PILING AT A SINGLE LOCATION







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## **CONTENTS**

## **FIGURES**

Figure 1:	Unweighted Single Pulse SEL Contours due to Concurrent Piling at Wind Turbine 1 with 4,000 kJ Hammer Energy (dB re µ1 Pa²s) Using 4% Reducing to 0.5% Conversion Factor
Figure 2:	Unweighted Single Pulse SEL Contours due to Concurrent Piling at Wind Turbine 40 with 4,000 kJ Hammer Energy (dB re $\mu$ 1 Pa $^2$ s) Using 4% Reducing to 0.5% Conversion Factor1
Figure 3:	Unweighted Single Pulse SEL Contours due to Concurrent Piling at the Central Wind Turbine with 4,000 kJ Hammer Energy (dB re $\mu$ 1 Pa $^2$ s) Using 4% Reducing to 0.5% Conversion Factor2
Figure 4:	Unweighted Single Pulse SEL Contours due to Concurrent Piling at Wind Turbine 135 with 4,000 kJ Hammer Energy (dB re $\mu$ 1 Pa $^2$ s) Using 4% Reducing to 0.5% Conversion Factor2
Figure 5:	Unweighted Single Pulse SEL Contours due to Concurrent Piling at Wind Turbine 179 with 4,000 kJ Hammer Energy (dB re u1 Pa <sup>2</sup> s) Using 4% Reducing to 0.5% Conversion Factor







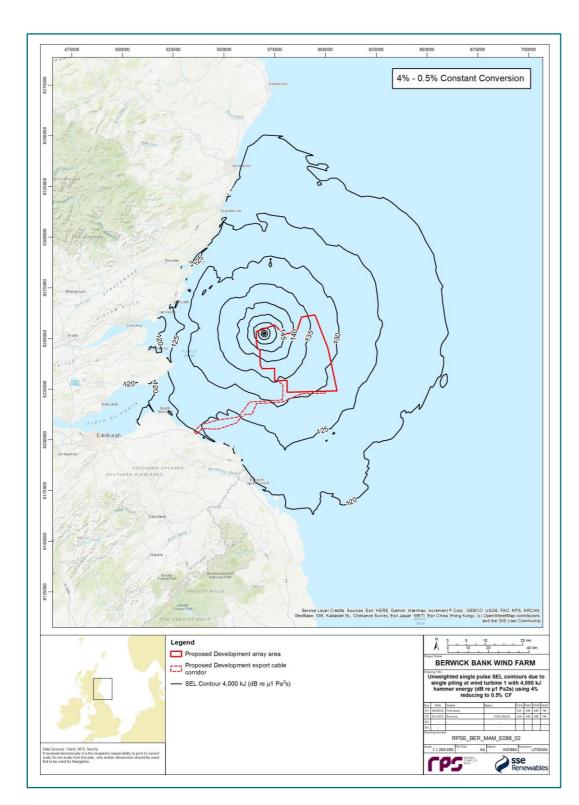


Figure 1: Unweighted Single Pulse SEL Contours due to Concurrent Piling at Wind Turbine 1 with 4,000 kJ Hammer Energy (dB re µ1 Pa²s) Using 4% Reducing to 0.5% Conversion Factor

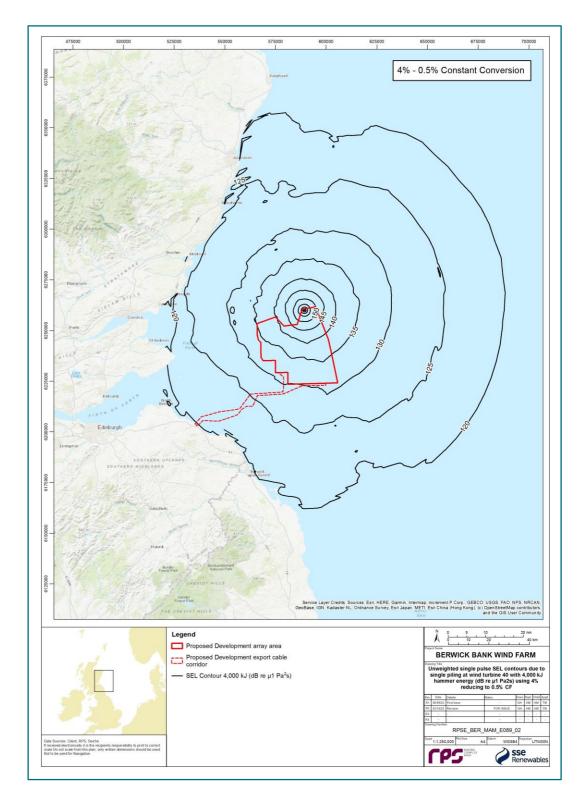


Figure 2: Unweighted Single Pulse SEL Contours due to Concurrent Piling at Wind Turbine 40 with 4,000 kJ Hammer Energy (dB re µ1 Pa²s) Using 4% Reducing to 0.5% Conversion Factor

Berwick Bank Wind Farm







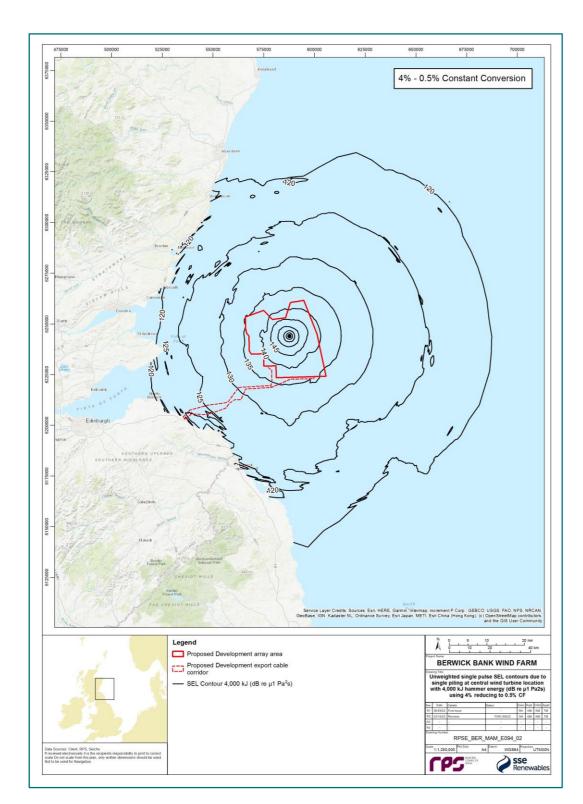


Figure 3: Unweighted Single Pulse SEL Contours due to Concurrent Piling at the Central Wind Turbine with 4,000 kJ Hammer Energy (dB re µ1 Pa²s) Using 4% Reducing to 0.5% Conversion Factor

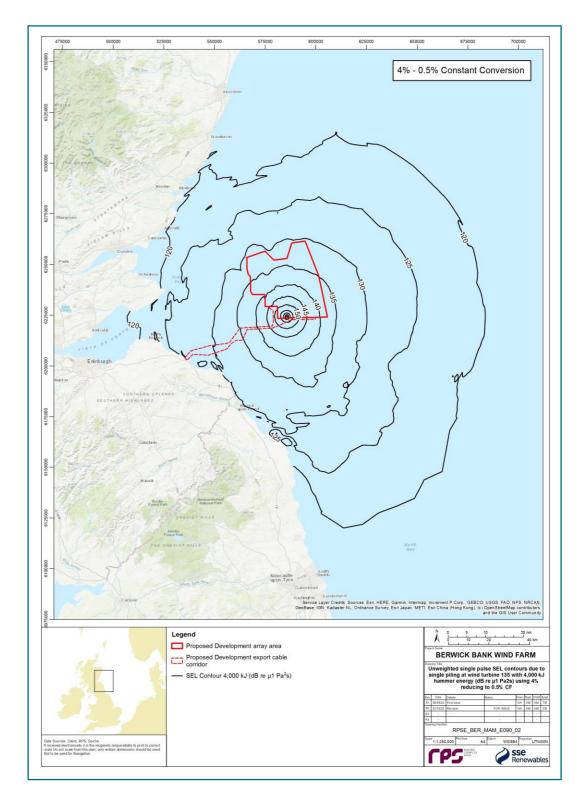


Figure 4: Unweighted Single Pulse SEL Contours due to Concurrent Piling at Wind Turbine 135 with 4,000 kJ Hammer Energy (dB re µ1 Pa²s) Using 4% Reducing to 0.5% Conversion Factor

with 4,000 kJ Hammer Energy (db re µ1 Pa-s) Using 4% Reducing to 0.5% Conversion Factor 4,000 kJ Hammer Energy (db re µ1 Pa-s) Using 4% Reducing to 0.5% Conversion Factor

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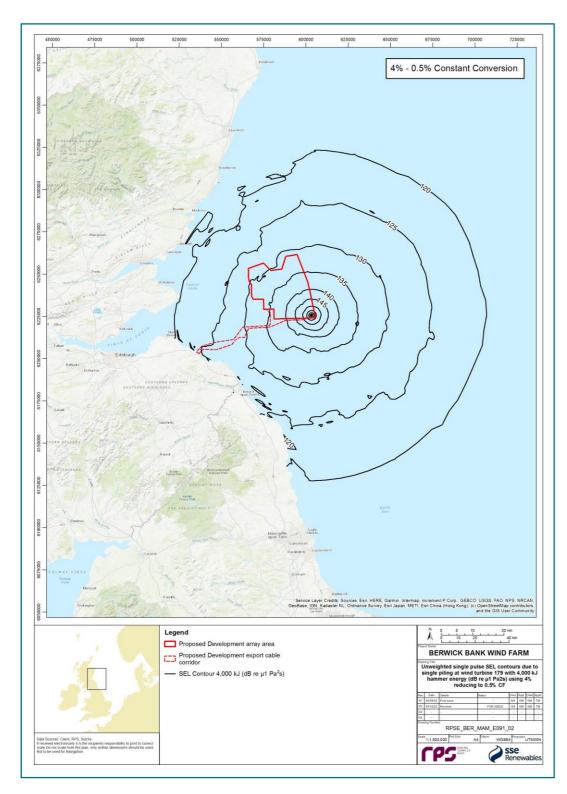


Figure 5: Unweighted Single Pulse SEL Contours due to Concurrent Piling at Wind Turbine 179 with 4,000 kJ Hammer Energy (dB re µ1 Pa²s) Using 4% Reducing to 0.5% Conversion Factor

