

8 Noise and Vibration

Introduction

- 8.1 Chapter 8 of the March 2024 ES comprised an assessment of the likely significant effects of noise and vibration impacts associated with the construction and operation of the Proposed Development.
- 8.2 The chapter identifies any new or altered significant effects which could arise from that presented in the March 2024 ES. Where the assessment has not changed it is referenced as such within this chapter.
- 8.3 The approach to this assessment is set out within this chapter and at Chapter 2 of the ES Addendum.
- 8.4 This ES Addendum Chapter should be read in conjunction with Chapter 8 of the March 2024 ES submitted as part of the full planning application (Ref. 24/00068/FUL).
- 8.5 This Site Suitability Assessment (**Appendix 8.3**) supporting the March 2024 ES has also been updated to reflect slight changes to the proposed layout, and supplements Chapter 8 of the updated ES.

Assessment Methodology and Significance Criteria

- 8.6 There are no changes to the assessment methodology since the March 2024 ES.

Assumptions/Limitations

- 8.7 There are no changes to the assumptions and limitations detailed in the March 2024 ES.

Baseline Conditions

- 8.8 Baseline conditions have not changed ~~materially significantly~~ since the March 2024 ES.

Embedded Mitigation

- 8.9 There are no changes to the embedded mitigation measures since the March 2024 ES.

Assessment of Likely Significant Effects

Construction Phase – Construction Road Traffic

- 8.10 The overall number of proposed dwellings has reduced from 807 to 800. This will not result in ~~a material significant~~ reduction ~~in of the~~ construction traffic flows ~~compared to those assessed in used~~ the March 2024 ES.
- 8.11 ~~Consequently, there are no changes in likely potential significant effects identified in the ES~~ as a result of the construction road traffic associated with ~~P~~proposed

~~Development during the construction phase. Therefore, the~~ likelihood of significant effects remains negligible, and therefore not significant.

Construction Phase - Construction Activities

- 8.12 There ~~have~~has been no ~~material significant~~ changes to the site boundary or layout of the proposed development since the March 2024 ES. Therefore, the likelihood of significant effects remains ~~assessed~~ as not significant.

The Completed and Operational Development – Operational Road Traffic

- 8.13 The overall number of proposed dwellings has reduced from 807 to 800. This will not result in ~~a material significant~~ reduction ~~in of the~~ operational road traffic flows compared to those assessed in used the March 2024 ES.

- 8.14 ~~Consequently, there are no changes in likely significant effects identified in the ES as a result of the operational road traffic associated with Proposed Development. The likelihood of significant effects remains negligible, and therefore not significant.~~

- 8.13 ~~Therefore, the likelihood of significant effects remains negligible, and therefore not significant.~~

Additional Mitigation / Enhancement Measures

Construction Phase

- 8.148.15 ~~_____~~ No additional mitigation measures are required at the construction phase compared to ~~to~~ those detailed in the March 2024 ES.

The Completed and Operational Development

- 8.158.16 ~~_____~~ No additional mitigation measures are required for the completed and operational development compared to ~~to~~ those detailed in the March 2024 ES.

Residual Effects

- 8.168.17 ~~_____~~ There are no additional residual effects, and no changes to the residual effects previously identified in the March 2024 ES.

Conclusions

- 8.178.18 ~~_____~~ There are no changes to the conclusions set out in the noise chapter of the March 2024 ES. Therefore, with respect to construction and operational, noise and vibration, ~~effects construction activities, and construction road traffic and operational road traffic~~ remain assessed as ~~having a~~ not significant ~~effect~~.

Assessment of Cumulative Effects

[8.188.19](#) There are no additional cumulative effects, and no changes to the cumulative effects previously identified in the noise chapter of the March 2024 ES. Therefore, cumulative effects remain assessed as not significant.