



# The Sizewell C Project

6.14 Environmental Statement Addendum  
Volume 3: Environmental Statement Addendum Appendices  
Chapter 8 Freight Management Facility  
Appendix 8.2.A Air Quality

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Planning Act 2008  
Infrastructure Planning (Applications: Prescribed  
Forms and Procedure) Regulations 2009



## APPENDIX 8.2.A FREIGHT MANAGEMENT FACILITY AIR QUALITY BASELINE

## APPENDIX 8.2.A: MODELLED AIR QUALITY BASELINES

### A.1. Current baseline

**Table 8.2.A.1: NO<sub>2</sub>, PM<sub>10</sub> and PM<sub>2.5</sub> Concentrations for the Baseline Year 2018 at Nearby Sensitive Receptors**

Receptor	2018 NO <sub>2</sub> Concentration (µg/m <sup>3</sup> )	2018 PM <sub>10</sub> Concentration (µg/m <sup>3</sup> )	2018 PM <sub>2.5</sub> Concentration (µg/m <sup>3</sup> )
BK4	15.7	18.9	11.3
BK5	18.8	19.3	11.5
BK6	12.5	15.6	9.8
BK7	11.8	18.6	10.8
BK8	13.0	18.6	11.0

\*All values have been rounded to the nearest decimal place.

\* Receptor locations are presented in **Figure 5.1** of **Volume 8** in the **ES** (Doc Ref. 6.8) [APP-519].

### A.2. Future Baseline

**Table 8.2.A.2: NO<sub>2</sub>, PM<sub>10</sub> and PM<sub>2.5</sub> Concentrations for the Baseline Year 2023 at Nearby Sensitive Receptors**

Receptor	2023 NO <sub>2</sub> Concentration (µg/m <sup>3</sup> )	2023 PM <sub>10</sub> Concentration (µg/m <sup>3</sup> )	2023 PM <sub>2.5</sub> Concentration (µg/m <sup>3</sup> )
BK4	11.9	17.9	10.4
BK5	13.8	18.2	10.6
BK6	10.0	14.5	8.9
BK7	9.3	17.5	10.0
BK8	10.0	17.5	10.2

\*All values have been rounded to the nearest decimal place.

\* Receptor locations are presented in **Figure 5.1** of **Volume 8** in the **ES** (Doc Ref. 6.8) [APP-519].

**Table 8.2.A.3: NO<sub>2</sub>, PM<sub>10</sub> and PM<sub>2.5</sub> Concentrations for the Baseline Year 2028 at Nearby Sensitive Receptors**

Receptor	2028 NO <sub>2</sub> Concentration (µg/m <sup>3</sup> )	2028 PM <sub>10</sub> Concentration (µg/m <sup>3</sup> )	2028 PM <sub>2.5</sub> Concentration (µg/m <sup>3</sup> )
BK4	9.7	17.5	10.1
BK5	10.8	17.9	10.3
BK6	8.3	14.2	8.6
BK7	8.0	17.2	9.7



Receptor	2028 NO <sub>2</sub> Concentration (µg/m <sup>3</sup> )	2028 PM <sub>10</sub> Concentration (µg/m <sup>3</sup> )	2028 PM <sub>2.5</sub> Concentration (µg/m <sup>3</sup> )
BK8	8.3	17.2	9.9

\*All values have been rounded to the nearest decimal place.

\* Receptor locations are presented in **Figure 5.1** of **Volume 8** in the **ES** (Doc Ref. 6.8) [APP-519].