



The Sizewell C Project

6.14 Environmental Statement Addendum
Volume 3: Environmental Statement Addendum Appendices
Chapter 4 Southern Park and Ride
Appendix 4.4.A Air Quality

Revision: 1.0
Applicable Regulation: Regulation 5(2)(a)
PINS Reference Number: EN010012

January 2021

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



APPENDIX 4.4.A SOUTHERN PARK AND RIDE AIR QUALITY BASELINE

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APPENDIX 4.4.A: MODELLED AIR QUALITY BASELINES

A.1. Current baseline

Table 4.4.A.1: NO₂, PM₁₀ and PM_{2.5} Concentrations for the Baseline Year 2018 at Nearby Sensitive Receptors

Receptor	2018 NO ₂ Concentration (µg/m ³)	2018 PM ₁₀ Concentration (µg/m ³)	2018 PM _{2.5} Concentration (µg/m ³)
WM6	10.1	15.7	9.6
WM11	11.1	15.8	9.7
WM12	9.3	15.6	9.5
WM13	9.5	15.7	9.5
WM14	7.8	15.5	9.4

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

* Receptor locations are presented in **Figure 5.1** of **Volume 4** in the **ES** (Doc Ref. 6.5) [APP-389].

A.2. Future Baseline

Table 4.4.A.2: NO₂, PM₁₀ and PM_{2.5} Concentrations for the Baseline Year 2023 at Nearby Sensitive Receptors

Receptor	2023 NO ₂ Concentration (µg/m ³)	2023 PM ₁₀ Concentration (µg/m ³)	2023 PM _{2.5} Concentration (µg/m ³)
WM6	8.1	14.7	8.7
WM11	8.8	14.8	8.8
WM12	7.5	14.6	8.7
WM13	7.7	14.7	8.7
WM14	6.5	14.5	8.5

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

* Receptor locations are presented in **Figure 5.1** of **Volume 4** in the **ES** (Doc Ref. 6.5) [APP-389].

Table 4.4.A.3: NO₂, PM₁₀ and PM_{2.5} Concentrations for the Baseline Year 2028 at Nearby Sensitive Receptors

Receptor	2028 NO ₂ Concentration (µg/m ³)	2028 PM ₁₀ Concentration (µg/m ³)	2028 PM _{2.5} Concentration (µg/m ³)
WM6	6.7	14.3	8.5
WM11	7.1	14.4	8.5
WM12	6.4	14.2	8.4
WM13	6.4	14.3	8.4

Receptor	2028 NO ₂ Concentration (µg/m ³)	2028 PM ₁₀ Concentration (µg/m ³)	2028 PM _{2.5} Concentration (µg/m ³)
WM14	5.7	14.1	8.3

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

* Receptor locations are presented in **Figure 5.1** of **Volume 4** in the **ES** (Doc Ref. 6.5) [APP-389].