



The Sizewell C Project

6.14 Environmental Statement Addendum
Volume 3: Environmental Statement Addendum Appendices
Chapter 3 Northern Park and Ride
Appendix 3.3.A Air Quality

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APPENDIX 3.3.A NORTHERN PARK AND RIDE AIR QUALITY BASELINE

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APPENDIX 3.3.A: MODELLED AIR QUALITY BASELINES

A.1. Current baseline

Table 3.3.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)
YX1	17.3	17.7	10.3
YX10	13.2	17.0	9.9
YX11	8.9	16.3	9.5
YX12	8.7	16.3	9.5
YX13	13.8	17.1	10.0
YX14	7.3	16.1	9.4
YX15	11.3	16.1	9.6
YX16	11.8	16.9	9.8
YX17	7.6	15.6	9.3

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

* Receptor locations are presented in **Figure 5.1** of **Volume 3** in the **ES** (Doc Ref. 6.4) [APP-357]

A.2. Future baseline

Table 3.3.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)
YX1	12.3	16.6	9.4
YX10	9.7	15.9	9.0
YX11	7.1	15.3	8.7
YX12	6.9	15.2	8.6
YX13	10.1	16.1	9.1
YX14	6.1	15.0	8.5
YX15	8.6	15.1	8.7
YX16	8.8	15.8	8.9
YX17	6.3	14.5	8.4

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

* Receptor locations are presented in **Figure 5.1** of **Volume 3** in the **ES** (Doc Ref. 6.4) [APP-357]

Table 3.3.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)
YX1	9.1	16.3	9.1
YX10	7.6	15.5	8.7
YX11	6.0	14.9	8.4
YX12	5.9	14.9	8.4
YX13	7.8	15.7	8.8
YX14	5.4	14.7	8.3
YX15	6.9	14.7	8.5
YX16	7.1	15.5	8.7
YX17	5.5	14.2	8.2

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

* Receptor locations are presented in **Figure 5.1** of **Volume 3** in the **ES** (Doc Ref. 6.4) [APP-357]