

A303 Sparkford to Ilchester Dualling Scheme TR010036

6.3 Environmental Statement Appendix 5.4 Local Air Quality Receptor Results

APFP Regulation 5(2)(a)
Planning Act 2008

Infrastructure Planning (Applications: Prescribed
Forms and Procedure) Regulations 2009
July 2018



Infrastructure Planning

Planning Act 2008

**The Infrastructure Planning
(Applications: Prescribed Forms
and Procedure) Regulations
2009**

**A303 Sparkford to Ilchester Dualling
Scheme**

Development Consent Order 201[X]

**6.3 Environmental Statement
Appendix 5.4 Local Air Quality Receptor Results**

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1 Local Air Quality Receptor Results

- 1.1.1 Modelled results at human health receptors for annual mean PM₁₀ (µg/m³) in the Base year, Do-Minimum and Do-Something scenarios used to inform the air quality assessment contained within Chapter 5 Air Quality (Volume 6.1), are presented within Table 1.1 below.

Table 1.1: Local air quality assessment results at human receptors for Particulate Matter (PM₁₀) (µg m⁻³) in Base, Do-Minimum (DM) and Do-Something (DS) scenario

Receptor ID	X	Y	Z	Base Year (2016)		Opening Year (2023)			
				Background	Total	Background	DM Total	DS Total	Impact
1	357084	125028	1.5	12.7	13.9	12.3	13.5	12.7	-0.9
2	357668	125298	1.5	12.7	14.1	12.3	13.7	12.9	-0.8
3	357827	125398	1.5	12.7	13.5	12.3	13.1	13.0	-0.1
4	358964	125601	1.5	13.1	13.6	12.7	13.2	13.4	0.2
5	367652	127050	1.5	13.4	14.9	13.0	14.5	14.6	0.1
6	348490	119361	1.5	13.3	14.7	12.9	14.3	14.3	0.1
7	346609	117711	1.5	12.5	13.1	12.1	12.7	12.7	0.0
8	357118	125247	1.5	12.7	12.9	12.3	12.5	12.7	0.2
9	359776	125218	1.5	14.1	14.5	13.7	14.1	14.1	-0.1
10	344674	116536	1.5	12.9	14.5	12.5	14.1	14.2	0.0
11	349737	120428	1.5	11.8	12.5	11.4	12.1	12.1	0.0
12	352201	123901	1.5	12.8	13.2	12.4	12.8	12.8	0.0
13	354626	125098	1.5	13.7	13.9	13.3	13.5	13.5	0.0
14	360585	126532	1.5	13.6	14.1	13.2	13.7	13.7	0.0
15	371546	127966	1.5	11.8	12.6	11.4	12.2	12.3	0.0
16	381795	132848	1.5	13.0	13.7	12.6	13.3	13.3	0.0
17	378036	130635	1.5	11.8	12.5	11.4	12.1	12.1	0.0
18	359584	124914	1.5	15.0	15.5	14.6	15.1	15.0	-0.1
19	360039	125934	1.5	13.2	13.6	12.8	13.2	13.2	0.0
20	359975	125782	1.5	14.1	14.4	13.7	13.9	13.9	-0.1
21	381795	132848	0	13.0	13.8	12.6	13.4	13.4	0.0