

M54 to M6 Link Road

TR010054

Volume 6

6.3 Environmental Statement

Appendices

**Appendix 5.2 Air Quality Monitoring
Data**

Regulation 5(2)(a)

Planning Act 2008

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

January 2020

Infrastructure Planning

Planning Act 2008

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

**M54 to M6 Link Road
Development Consent Order 202[]**

**6.3 Environmental Statement Appendices
Appendix 5.2 Air Quality Monitoring Data**

Regulation Number	Regulation 5(2)(a)
Planning Inspectorate Scheme Reference	TR010054
Application Document Reference	6.3
Author	M54 to M6 Link Road Project Team and Highways England

Version	Date	Status of Version
1	January 2020	DCO Application

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1 Diffusion Tube Monitoring Data

1.1 Local authority data

1.1.1 The air quality assessment of the Scheme has been informed by monitoring data gathered by local authorities in 2017, at locations within or near to the Affected Road Network (ARN) considered in the assessment.

1.1.2 The measured NO₂ concentrations from the Council monitoring at locations used within the assessment are presented in Table 1 and their locations tubes are shown on Figure 5.2 [TR010054/APP/6.2], along with NO₂ concentrations from other survey locations within the same Authority areas.

Table 1: Local authority NO₂ monitoring data

Site ID	OS Grid Reference		Local authority*	Site type	2017 Annual mean NO ₂ conc. (µg/m ³)
	X	Y			
HHMS auto	401392	309954	Cannock Chase	Roadside	22.7
MORT	397540	309767	Cannock Chase	Urban Background	16.1
OXRd	398529	309529	Cannock Chase	Suburban	21.2
BTLB	397952	308567	Cannock Chase	Roadside	35.0
67WS	398051	308512	Cannock Chase	Roadside	28.2
54WS	398251	308428	Cannock Chase	Roadside	37.5
DF	399688	310686	Cannock Chase	Urban Background	17.2
HF	404465	317741	Cannock Chase	Roadside	31.7
DmAv	397285	309723	Cannock Chase	Roadside	20.2
HHMS 1to3	401392	309954	Cannock Chase	Roadside	16.8
268WS	400731	307419	Cannock Chase	Roadside	36.9
CHMews	400320	312265	Cannock Chase	Kerbside	27.2
HHFW	401563	309940	Cannock Chase	Roadside	49.5
CNKRd	401421	309965	Cannock Chase	Roadside	29.6
HFRDRd	401536	310001	Cannock Chase	Roadside	30.8
DF5	372145	292436	Shropshire	Roadside	15.7
DF10	371569	293344	Shropshire	Roadside	21.2
DF13	371345	293081	Shropshire	Kerbside	43.2
DF14	371636	292933	Shropshire	Roadside	17.3
DF16	371790	292817	Shropshire	Roadside	28.0
DF18	372155	292961	Shropshire	Roadside	18.3

Site ID	OS Grid Reference		Local authority*	Site type	2017 Annual mean NO ₂ conc. (µg/m ³)
	X	Y			
DF19	372060	293129	Shropshire	Roadside	26.2
DF20	371580	293257	Shropshire	Roadside	31.8
DF25	371365	293145	Shropshire	Roadside	29.9
DF27	371397	293179	Shropshire	Roadside	28.2
DF28	371321	293131	Shropshire	Roadside	39.5
DF29	371297	293108	Shropshire	Roadside	27.8
DF50	371220	293124	Shropshire	Roadside	27.0
DF58	371795	292947	Shropshire	Roadside	34.2
DF59	371799	293011	Shropshire	Roadside	32.2
DF61	371951	292992	Shropshire	Roadside	29.7
DF62	372031	292993	Shropshire	Roadside	37.2
DF63	372072	292976	Shropshire	Roadside	34.7
DF65	372026	293058	Shropshire	Roadside	34.2
DF66	372159	293232	Shropshire	Roadside	25.6
DF67	372166	292825	Shropshire	Roadside	34.6
DF69	372567	292453	Shropshire	Roadside	16.6
DF71	371346	293086	Shropshire	Roadside	56.0
DF127	332314	288566	Shropshire	Roadside	13.3
DF130	351249	274706	Shropshire	Roadside	28.9
DF135	332348	288921	Shropshire	Roadside	12.1
DF138	367577	275992	Shropshire	Roadside	21.5
DF139	367322	275713	Shropshire	Roadside	22.5
DF141	367056	275715	Shropshire	Roadside	26.9
DF205	367373	334404	Shropshire	Roadside	17.6
DF207	367462	334095	Shropshire	Roadside	22.7
DF211	354377	340069	Shropshire	Roadside	19.3
DF216	351415	328965	Shropshire	Roadside	27.5
DF217	351235	328802	Shropshire	Roadside	21.8
DF218	351221	328735	Shropshire	Kerbside	27.4
DF219	351658	329027	Shropshire	Roadside	18.4
DF220	351150	328891	Shropshire	Roadside	24.6
DF223	363640	332232	Shropshire	Roadside	41.0
DF224	363534	332165	Shropshire	Roadside	19.8

Site ID	OS Grid Reference		Local authority*	Site type	2017 Annual mean NO ₂ conc. (µg/m ³)
	X	Y			
DF305	328978	329879	Shropshire	Roadside	28.0
DF306	328922	325981	Shropshire	Roadside	31.3
DF312	327584	322568	Shropshire	Roadside	22.7
DF400	348726	308959	Shropshire	Roadside	34.0
DF401	346481	312421	Shropshire	Roadside	14.2
DF403	348891	312721	Shropshire	Roadside	29.3
DF404	348889	312326	Shropshire	Roadside	15.4
DF405	351500	316218	Shropshire	Roadside	21.3
DF407	349330	312503	Shropshire	Roadside	24.8
DF411	347821	302851	Shropshire	Roadside	25.3
DF412	350533	314786	Shropshire	Roadside	25.1
DF413	349283	312851	Shropshire	Roadside	24.3
DF417	348929	310108	Shropshire	Roadside	14.6
DF419	349983	312430	Shropshire	Roadside	23.3
DF420	349396	312742	Shropshire	Roadside	26.7
DF423	349667	312347	Shropshire	Roadside	26.2
DF427	348669	312957	Shropshire	Roadside	26.4
DF429	349237	312900	Shropshire	Roadside	27.9
DF436	349283	312889	Shropshire	Roadside	35.4
DF437	349283	312889	Shropshire	Roadside	34.8
DF438	349400	312954	Shropshire	Roadside	53.3
DF439	350477	316167	Shropshire	Roadside	11.6
DF443	350821	311812	Shropshire	Roadside	19.4
DF446	349378	312930	Shropshire	Roadside	29.1
DF447	349511	312893	Shropshire	Other	35.3
DF448	345769	313223	Shropshire	Roadside	9.0
DF449	346796	313509	Shropshire	Roadside	14.0
DF452	348778	309023	Shropshire	Roadside	22.8
DF453	349306	313639	Shropshire	Roadside	17.1
DF455	351523	316578	Shropshire	Roadside	17.4
DF456	349214	313427	Shropshire	Roadside	32.3
DF457	349242	313456	Shropshire	Roadside	36.2
DF458	349426	313028	Shropshire	Roadside	53.6

Site ID	OS Grid Reference		Local authority*	Site type	2017 Annual mean NO ₂ conc. (µg/m ³)
	X	Y			
DF459	349424	312936	Shropshire	Roadside	38.6
DF460	348952	312495	Shropshire	Roadside	26.4
DF461	349327	312389	Shropshire	Roadside	27.2
DF462	345203	313427	Shropshire	Roadside	20.5
DF463	349765	310451	Shropshire	Roadside	14.2
DF464	351138	310402	Shropshire	Roadside	17.1
DF468	350376	314599	Shropshire	Roadside	20.6
DF470	347808	302929	Shropshire	Roadside	29.6
DF472	348750	309004	Shropshire	Roadside	19.2
DF474	348647	308771	Shropshire	Roadside	42.5
DF475	348646	308685	Shropshire	Roadside	37.0
DF476	349360	312962	Shropshire	Roadside	30.3
DF477	349349	313072	Shropshire	Roadside	31.2
DF480	349466	313151	Shropshire	Roadside	31.7
DF482	349436	313064	Shropshire	Roadside	31.6
DF485	348815	312854	Shropshire	Roadside	26.2
PE	393176	313859	South Staffordshire	Other	35.0
HA2	394776	309756	South Staffordshire	Roadside	33.2
HA5	394828	309737	South Staffordshire	Roadside	28.8
HA6	394905	309708	South Staffordshire	Roadside	30.4
PE2	393176	313866	South Staffordshire	Roadside	27.5
PE2	393176	313866	South Staffordshire	Roadside	27.8
PE2	393176	313866	South Staffordshire	Roadside	30.8
PE11	393519	315327	South Staffordshire	Other	26.4
SA2	396716	308742	South Staffordshire	Roadside	29.4
SA5	396704	308673	South Staffordshire	Roadside	31.9
SA6	396701	308613	South Staffordshire	Roadside	27.6
DT1	374616	319182	Telford and Wrekin	Urban Background	19.8
DT2	373115	316587	Telford and Wrekin	Urban Background	17.2
DT3	371301	313583	Telford and Wrekin	Urban Background	17.1

Site ID	OS Grid Reference		Local authority*	Site type	2017 Annual mean NO ₂ conc. (µg/m ³)
	X	Y			
DT4	369553	312682	Telford and Wrekin	Urban Background	15.1
DT5	369922	312224	Telford and Wrekin	Urban Background	16.0
DT6	368627	312855	Telford and Wrekin	Urban Background	15.6
DT7	368380	312211	Telford and Wrekin	Urban Background	18.3
DT8	366161	312304	Telford and Wrekin	Urban Background	12.2
DT9	364997	312434	Telford and Wrekin	Urban Background	23.9
DT10	365825	311094	Telford and Wrekin	Urban Background	32.5
DT11	366723	310821	Telford and Wrekin	Urban Background	23.5
DT12	368594	310130	Telford and Wrekin	Urban Background	38.2
DT13	371226	309402	Telford and Wrekin	Urban Background	18.6
DT14	371343	311136	Telford and Wrekin	Urban Background	21.6
DT15	367412	308780	Telford and Wrekin	Urban Background	32.0
DT16	370900	308536	Telford and Wrekin	Urban Background	16.8
DT17	369817	308676	Telford and Wrekin	Urban Background	27.0
DT18	370949	306311	Telford and Wrekin	Urban Background	26.1
DT19	368941	304766	Telford and Wrekin	Urban Background	17.9
DT20	370016	304570	Telford and Wrekin	Urban Background	17.0
DT21	366008	311056	Telford and Wrekin	Urban Background	17.4
DT22	365825	311089	Telford and Wrekin	Urban Background	16.0
DT23	365822	311033	Telford and Wrekin	Urban Background	16.2

Site ID	OS Grid Reference		Local authority*	Site type	2017 Annual mean NO ₂ conc. (µg/m ³)
	X	Y			
DT24	365927	311017	Telford and Wrekin	Urban Background	37.3
DT25	3366084	311065	Telford and Wrekin	Urban Background	10.6
DT26	370122	308620	Telford and Wrekin	Urban Background	10.1
DT27	370243	308516	Telford and Wrekin	Urban Background	18.2
DT28	369488	308324	Telford and Wrekin	Urban Background	11.4
DT29	369517	308242	Telford and Wrekin	Urban Background	20.2
A381	417101	314180	Lichfield	Roadside	35.4
A3822(1)	416295	313186	Lichfield	Roadside	30.9
A382AB	416290	313175	Lichfield	Roadside	37.0
A383	412891	306817	Lichfield	Roadside	25.4
A384AB	413978	300834	Lichfield	Roadside	39.8
A385AB	413950	300574	Lichfield	Roadside	38.3
A386AB	413961	300539	Lichfield	Roadside	28.2
A51	407208	306513	Lichfield	Roadside	40.0
A51A	407895	306516	Lichfield	Roadside	35.2
A52A	408893	306549	Lichfield	Roadside	31.8
A52B	408667	306500	Lichfield	Roadside	34.5
A53	412063	305379	Lichfield	Roadside	25.4
B	405086	309344	Lichfield	Urban Background	15.1
L	410544	310760	Lichfield	Urban Background	16.1
MUC1	408164	306513	Lichfield	Roadside	39.9
MUC1ABC	408164	306513	Lichfield	Roadside	41.3
MUC2	408165	306487	Lichfield	Roadside	36.3
MUC3	408097	306468	Lichfield	Roadside	51.9
MUC4	408023	306501	Lichfield	Roadside	38.5
MUC5	408030	306516	Lichfield	Roadside	46.2
MUC6	408161	306556	Lichfield	Roadside	36.8
LT	411792	309161	Lichfield	Roadside	30.3

Site ID	OS Grid Reference		Local authority*	Site type	2017 Annual mean NO ₂ conc. (µg/m ³)
	X	Y			
A1	391654	298782	Wolverhampton	Roadside	38.0
A2	390374	296775	Wolverhampton	Roadside	38.0
A4	391258	302199	Wolverhampton	Roadside	36.0
A5	394754	298429	Wolverhampton	Roadside	24.0
A9	391362	298934	Wolverhampton	Roadside	25.0
BIL1	395057	296541	Wolverhampton	Roadside	36.0
BIL2	395085	296475	Wolverhampton	Roadside	26.0
BIL3	395095	296492	Wolverhampton	Roadside	37.0
BIL4	395118	296454	Wolverhampton	Roadside	29.0
LIC1	391689	298778	Wolverhampton	Roadside	36.0
LIC2	391508	298744	Wolverhampton	Roadside	37.0
LIC3	391621	298773	Wolverhampton	Roadside	35.0
LIC4	391654	298782	Wolverhampton	Roadside	35.0
LIC5	391654	298782	Wolverhampton	Roadside	33.0
LIC6	391654	298782	Wolverhampton	Roadside	33.0
LIC7	391660	298766	Wolverhampton	Roadside	31.0
LIC8	391454	298734	Wolverhampton	Roadside	29.0
LIC9	391707	298757	Wolverhampton	Roadside	37.0
PIP1	391765	298663	Wolverhampton	Roadside	39.0
PRI1	391553	298931	Wolverhampton	Roadside	34.0
PRI2	391566	298795	Wolverhampton	Roadside	35.0
PRI4	391581	298686	Wolverhampton	Roadside	24.0
QUE1	391603	298651	Wolverhampton	Roadside	24.0
QUE2	391605	298635	Wolverhampton	Roadside	31.0
QUE3	391664	298666	Wolverhampton	Roadside	25.0
QUE4	391694	298657	Wolverhampton	Roadside	30.0
STA1	391390	299803	Wolverhampton	Roadside	29.0
STA5	391258	302199	Wolverhampton	Roadside	33.0
STA6	391258	302199	Wolverhampton	Roadside	34.0
STA7	391258	302199	Wolverhampton	Roadside	33.0
STA9A	391535	303346	Wolverhampton	Roadside	31.0
WIL1	394187	298452	Wolverhampton	Roadside	24.0
WIL2	394712	298428	Wolverhampton	Roadside	37.0

Site ID	OS Grid Reference		Local authority*	Site type	2017 Annual mean NO ₂ conc. (µg/m ³)
	X	Y			
BRI	388195	298787	Wolverhampton	Roadside	19.0
BRO	391679	298867	Wolverhampton	Roadside	46.0
CAN	393004	300864	Wolverhampton	Roadside	28.0
CLE	391487	298351	Wolverhampton	Roadside	23.0
CUL	393364	297370	Wolverhampton	Roadside	23.0
DUD	391530	297313	Wolverhampton	Roadside	25.0
HOR	392116	298607	Wolverhampton	Roadside	41.0
NEA	394715	299882	Wolverhampton	Roadside	21.0
OXF	395398	296283	Wolverhampton	Roadside	29.0
PAR	392362	296550	Wolverhampton	Roadside	36.0
TET	389286	299894	Wolverhampton	Roadside	35.0
TRI	395541	296482	Wolverhampton	Urban Background	35.0
WAT	391127	298869	Wolverhampton	Roadside	20.0
WOL	394032	297176	Wolverhampton	Roadside	24.0
PRO	394614	296090	Wolverhampton	Roadside	25.0
COL	395864	300595	Wolverhampton	Urban Background	15.0
MAR	390705	302736	Wolverhampton	Urban Background	15.0
WAR	389051	296781	Wolverhampton	Urban Background	13.0
WRE	392090	296095	Wolverhampton	Urban Background	14.0
CC1	391368	298681	Wolverhampton	Roadside	29.0
CC2	391309	298553	Wolverhampton	Roadside	26.0
CC3	391466	298374	Wolverhampton	Roadside	26.0
CC5	391531	298376	Wolverhampton	Roadside	26.0
CC7	391597	298579	Wolverhampton	Roadside	27.0
PEN	390386	296759	Wolverhampton	Roadside	35.0
WAL1	399932	296644	Walsall	Roadside	49.1
WAL2	399386	298210	Walsall	Urban Background	30.7
WAL3	400429	298701	Walsall	Roadside	33.6
WAL4	399183	298809	Walsall	Roadside	40.5

Site ID	OS Grid Reference		Local authority*	Site type	2017 Annual mean NO ₂ conc. (µg/m ³)
	X	Y			
WAL5	398036	300872	Walsall	Urban Background	16.0
WAL6	401590	299014	Walsall	Roadside	28.7

* References: Cannock Chase Council (2018), 2018 Air Quality Annual Status Report (ASR); Shropshire Council (2018), Draft 2018 Air Quality ASR; South Staffordshire Council (2019), 2019 Air Quality ASR; Telford and Wrekin (2018), 2018 Air Quality ASR; Lichfield District Council (2019), Draft 2019 Air Quality ASR; City of Wolverhampton Council (2018), 2018 Air Quality ASR; Walsall Metropolitan Borough Council (2019), Email correspondence from Curtis Dean, dated 10/06/19.

- 1.1.3 The measured PM₁₀ and PM_{2.5} concentrations from the local authority monitoring locations referred to within the assessment are presented in Table 2, and their locations are shown on Figure 5.2 [TR010054/APP/6.2].

Table 2: Local authority PM₁₀ and PM_{2.5} monitoring data

Site ID	OS Grid Reference		Local authority*	Site type	2017 Annual mean PM ₁₀ conc. (µg/m ³)	2017 Annual mean PM _{2.5} conc. (µg/m ³)
	X	Y				
HHMS auto	401392	309954	Cannock Chase	Roadside	14.0	n/a
CM3	351492	316619	Shropshire	Urban Background	n/a	7.5
CM4	349378	312938	Shropshire	Roadside	n/a	7.5
A1	391654	298782	Wolverhampton	Roadside	16.0	6.0
A2	390374	296775	Wolverhampton	Roadside	20.0	n/a
A4	391261	302199	Wolverhampton	Roadside	17.0	n/a
A5	394754	298429	Wolverhampton	Roadside	18.0	9.0
A9	391362	298934	Wolverhampton	Urban Background	17.0	6.0
A10	388841	295174	Wolverhampton	Suburban Background	n/a	7.0
PRIMAVE	399530	297956	Walsall	Urban Background	n/a	9.6
M6J9	399932	296644	Walsall	Roadside	n/a	11.9
WOLVRD	400429	298701	Walsall	Roadside	n/a	10.6
BLOXLN	399183	298809	Walsall	Roadside	n/a	10.3

Site ID	OS Grid Reference		Local authority*	Site type	2017 Annual mean PM ₁₀ conc. (µg/m ³)	2017 Annual mean PM _{2.5} conc. (µg/m ³)
	X	Y				
ROUHAY	397189	297093	Walsall	Urban Background	n/a	7.1

* References: Cannock Chase Council (2018), 2018 Air Quality ASR; Shropshire Council (2018), Draft 2018 Air Quality ASR; City of Wolverhampton Council (2018), 2018 Air Quality ASR; Walsall Metropolitan Borough Council (2019), Email correspondence from Curtis Dean, dated 10/06/19.

1.2 Highways England data

- 1.2.1 The air quality assessment of the Scheme has been informed by nitrogen dioxide (NO₂) monitoring data gathered by Highways England over recent years, at locations within or near to the ARN considered in the assessment.
- 1.2.2 The measured concentrations from the Highways England surveys, including locations used within the assessment, are presented in Table 3 and the locations of the Highways England diffusion tubes are shown on Figure 5.2 [TR010054/APP/6.2].
- 1.2.3 The Highways England monitoring data has been adjusted to represent conditions in 2017, to align with the baseline year of traffic data and hourly sequential meteorological data used in the assessment.

Table 3: Highways England NO₂ monitoring data

Site ID	OS Grid Reference		Site type	2017 Annual mean NO ₂ conc. (µg/m ³) ^{a,b}
	X	Y		
M54M6TL_001_0813	394224	304946	Roadside	29.7
M54M6TL_002_0813	394399	305464	Roadside	32.4
M54M6TL_003_0813	394676	305432	Roadside	15.7
M54M6TL_004_0813	396138	303737	Roadside	21.2
M54M6TL_005_0813	393843	303469	Roadside	17.4
M54M6TL_006_0813	391680	304175	Roadside	22.1
M54M6TL_007_0813	391568	304683	Roadside	25.7
M54M6TL_008_0813	391448	304679	Roadside	18.3
M54M6TL_009_0813	394733	306064	Roadside	30.7
M54M6TL_010_0813	394715	306103	Roadside	18.4
M54M6TL_011_0813	395917	306865	Roadside	25.9
M54M6TL_012_0813	396533	306125	Roadside	23.4
M54M6TL_013_0813	397218	306936	Roadside	18.5
M54M6TL_014_0813	397314	307114	Roadside	20.0
M54M6TL_015_0813	396350	307624	Roadside	22.1
M54M6TL_016_0813	396638	308307	Roadside	23.0

Site ID	OS Grid Reference		Site type	2017 Annual mean NO ₂ conc. (µg/m ³) ^{a,b}
	X	Y		
M54M6TL_017_0813	396886	309188	Roadside	22.9
M54M6TL_018_0813	397695	309542	Roadside	22.4
M54M6TL_019_0813	394133	308814	Roadside	22.3
M54M6TL_020_0813	397030	304396	Roadside	27.7
M54M6TL_021_0813	397196	304700	Roadside	25.7
M54M6TL_022_0813	398121	301920	Roadside	31.0
M54M6TL_023_0813	398216	301974	Roadside	34.3
M54M6TL_024_0813	397974	302165	Roadside	24.0
M54M6TL_025_0813	398169	308455	Roadside	28.1
M54M6TL_026_0813	393818	305581	Roadside	14.6
M54M6TL_027_0813	398923	303084	Roadside	19.5
M54M6TL_028_0813	401959	307241	Roadside	21.5
M54M6TL_029_0813	403333	307005	Roadside	20.0
M54M6TL_030_0813	404575	307082	Roadside	16.7
M54M6TL_031_0813	397340	306403	Background	12.6
M54M6TL_032_0813	401519	308276	Background	11.2
M54M6TL_033_0813	398011	308563	Roadside Collocation	30.8
M54M6TL_034_0813	398687	308152	Roadside	22.7
M6J10AJ13_001_0710	396957	303269	Roadside	23.4
M6J10AJ13_002_0710	396994	303433	Roadside	23.5
M6J10AJ13_003_0710	396555	304038	Roadside	22.1
M6J10AJ13_006_0710	394657	308500	Roadside	23.6
M6J10AJ13_007_0710	394140	308783	Roadside	18.0
M6J10AJ13_008_0710	393643	310049	Roadside	24.1
M6J10AJ13_009_0710	392630	310258	Roadside	24.2
M6J10AJ13_010_0710	393229	311012	Roadside	20.5
M6J10AJ13_011_0710	393176	313866	Roadside	24.0
M6J10AJ13_012_0710	393242	313962	Roadside	27.7
M6J10AJ13_013_0710	393213	313967	Roadside	28.2
M6J10AJ13_014_0710	393179	313984	Roadside	32.5
M6J10AJ13_015_0710	393152	313988	Roadside	30.9
M6J10AJ13_016_0710	393326	313959	Roadside	34.8

Site ID	OS Grid Reference		Site type	2017 Annual mean NO ₂ conc. (µg/m ³) ^{a,b}
	X	Y		
M6J10AJ13_017_0710	393347	313945	Roadside	27.7
M6J10AJ13_018_0710	393371	313941	Roadside	25.6
M6J10AJ13_019_0710	393420	313932	Roadside	21.6
M6J10AJ13_020_0710	393524	315330	Roadside	23.1
M6J10AJ13_021_0710	393019	318074	Roadside	20.4
M6J10AJ13_022_0710	391893	320420	Roadside	33.9
M6J10AJ13_023_1012	390087	325050	Roadside	18.2
M6J10AJ13_024_1012	391722	320595	Roadside	28.3
M6J10AJ13_025_1012	392748	318084	Roadside	19.2
M6J10AJ13_026_1012	391243	310706	Roadside	20.2
M6J10AJ13_027_1012	396348	307621	Roadside	26.2
M6J10AJ13_028_1012	397610	308200	Roadside	24.2
M6J10AJ13_029_1012	398503	301297	Roadside	26.4
M6J10AJ13_030_1012	399040	300126	Roadside	27.5
M6J10AJ13_031_1012	398975	300369	Roadside	30.8
M6J10AJ13_032_1012	390157	321678	Roadside	23.6
M6J10AJ13_033_1012	391870	320469	Roadside	28.0
M6J10AJ13_034_1012	391723	320594	Roadside	26.8
M6J10AJ13_035_1012	391632	320691	Roadside	26.4
M6J10AJ13_036_1012	391533	320746	Roadside	26.4
M6J10AJ13_037_1012	391490	320776	Roadside	26.3
M6J10AJ13_038_1012	391533	320746	Roadside	21.9
M6J10AJ13_039_1012	392060	320696	Roadside	17.3
M6J10AJ13_040_1012	393197	314061	Roadside	17.9
M6J13J15_001_0813	392496	310309	Roadside	20.9
M6J13J15_002_0813	393341	313947	Roadside	33.4
M6J13J15_003_0813	393097	313038	Roadside	16.1
M6J13J15_004_0813	393181	313870	Roadside Colocation	24.6
M6J13J15_005_0813	393187	313973	Roadside	29.3
M6J13J15_006_0813	393198	314062	Roadside	17.2
M6J13J15_007_0813	393502	315360	Roadside	29.7
M6J13J15_008_0813	393420	315243	Roadside	23.5

Site ID	OS Grid Reference		Site type	2017 Annual mean NO ₂ conc. (µg/m ³) ^{a,b}
	X	Y		
M6J13J15_009_0813	392794	318312	Roadside	18.9
M6J13J15_010_0813	390330	325804	Roadside	26.8
M6J13J15_011_0813	392777	317919	Roadside	32.9
M6J13J15_012_0813	392559	319796	Roadside	21.3
M6J13J15_013_0813	392224	319939	Roadside	29.1
M6J13J15_014_0813	391884	320435	Roadside	34.1
M6J13J15_015_0813	391725	320592	Roadside	34.6
M6J13J15_016_0813	391561	320714	Roadside	23.6
M6J13J15_017_0813	391530	320631	Roadside	19.9
M6J13J15_018_0813	390197	321635	Roadside	28.5
M6J13J15_019_0813	390153	321799	Roadside	38.1
M6J13J15_020_0813	390383	325372	Roadside	29.9
M6J13J15_021_0813	390472	325455	Roadside	28.0
M6J13J15_022_0813	390211	325515	Roadside	36.4
M6J13J15_023_0813	388677	332435	Roadside	24.3
M6J13J15_024_0813	385249	341052	Roadside	37.4
M6J13J15_025_0813	392771	313016	Backgrounds	13.9
M6J13J15_026_0813	393039	320978	Backgrounds	14.9

^a The assessment has used monitoring data from multiple Highways England surveys undertaken over different periods over the last few years. Appropriate diffusion tube bias adjustment factors have been applied to the monitoring of each survey, depending on the year within which the data was gathered and the laboratory and method of preparation an analysis, using The Department for Environment, Food and Rural Affairs (Defra's) National Diffusion Tube Bias Adjustment Spreadsheet.

^b Appropriate seasonal adjustment factors have been applied to the monitoring of each survey and diffusion tube, based on the period mean concentration at each monitoring site, and a seasonal adjustment factor calculated from the equivalent period mean concentration at nearby background continuous monitoring stations (Aston Hill, Birmingham Acocks Green, Stoke-on-Trent and Walsall Woodlands) and annual mean concentrations from the same monitoring stations in 2017.