

Updated Technical Appendix 7.3
Local Authority Monitoring Data

The West Midlands Rail Freight Interchange Order 201X
Regulation 5(2)(a)
Ramboll: August 2019

Appendix 7.3 – Updated Local Authority Monitoring Data (2016 and 2017 added)

Council	Site Name	Monitoring Type	Distance to kerb of nearest road (m)	Site Type	X – adjusted based on actual location	Y – adjusted based on actual location	Height (m) from Councils report	2013 - NO ₂ Annual Mean Concentration (µg/m ³)	2014 - NO ₂ Annual Mean Concentration (µg/m ³)	2015 - NO ₂ Annual Mean Concentration (µg/m ³)	2016 - NO ₂ Annual Mean Concentration (µg/m ³)	2017 - NO ₂ Annual Mean Concentration (µg/m ³)
Cannock Chase Council	67 Watling Street, Bridgtown	Diffusion tube	7.8	Roadside	398052	308513	1.1	27.6	24.9	27.5	32.7	28.2
Cannock Chase Council	54 watling Street, Bridgtown	Diffusion tube	5.2	Roadside	398250	308428	1.2	33.5	35.7	31.2	44.9	37.5
Cannock Chase Council	Bridgtown Automatic Monitoring Station (triplicate)	Automatic	6.8	Roadside	398010	308560	3	36	34.4	NA	NA	NA
Cannock Chase Council	268 Watling Street	Diffusion tube	3.75	Roadside	400727	307423	2.25	36.2	32.5	35.9	47.4	36.9
South Staffordshire Council	ES4	Diffusion tube	6	Roadside	396958	303269	3	34.3	33.6	28.8	35.6	27.2
South Staffordshire Council	ES5	Diffusion tube	8	Roadside	396969	303269	3	35.2	30.2	27.8	32	23.7
South Staffordshire Council	ES6	Diffusion tube	11	Roadside	396999	303440	3	31.9	31.2	27.6	31.4	27.5
South Staffordshire Council	HA2	Diffusion tube	1	Roadside	394776	309756	3	39.9	40.4	37.4	37.9	33.3
South Staffordshire Council	HA5	Diffusion tube	1	Roadside	394831	309737	3	34.8	31.4	31.6	31.9	27.3
South Staffordshire Council	HA6	Diffusion tube	1	Roadside	394905	309708	3	34.2	32.0	31.3	29.7	26.5
South Staffordshire Council	PE2A	Diffusion tube	11	Roadside	393177	313866	3	31.6	31.4	27.2	31.1	26
South Staffordshire Council	PE2B	Diffusion tube	11	Roadside	393177	313866	3	31.7	31.1	26.3	31.1	24.8
South Staffordshire Council	PE2C	Diffusion tube	11	Roadside	393177	313866	3	32.	31.3	27.6	31.0	25.2
South Staffordshire Council	PE11	Diffusion tube	10	Other	393519	315327	3	33.6	29.3	29.9	31.4	30.4
South Staffordshire Council	SA2	Diffusion tube	2	Roadside	396716	308742	3	34.8	34.1	30.9	32.6	29.1
South Staffordshire Council	SA5	Diffusion tube	2	Roadside	396705	308673	3	34.2	36.7	32.7	36.5	31.6
South Staffordshire Council	SA6	Diffusion tube	2	Roadside	396701	308613	3	29.6	29.6	28.3	29.3	27.1
South Staffordshire Council	Wolgarston Road, Penkridge PE	Automatic	3.5	Other	393171	313859	2	44	45	36	39	42
Stafford Borough Council	3	Diffusion tube	0	RECPT	390130	321700	2.5	25	32	29	33	32
Stafford Borough Council	33	Diffusion tube	5	KERB	392167	319968	1.5	30	38	39	34	NA
Wolverhampton City Council	BIL1	Diffusion Tube	4	Roadside ISA	395058	296541	3	43	35	38	42	NA
Wolverhampton City Council	BIL2	Diffusion Tube	4.5	Roadside ISA	395089	296476	3	33	28	28	31	NA

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Wolverhampton City Council	BIL3	Diffusion Tube	10	Roadside ISA	395095	296491	3	36	39	36	48	NA
Wolverhampton City Council	BIL4	Diffusion Tube	2.5	Roadside ISA	395118	296455	3	33	31	29	36	NA
Wolverhampton City Council	STA1	Diffusion Tube	2	Roadside ISA	391391	299805	3	27	27	28	30	NA
Wolverhampton City Council	STA5_6_7	Diffusion Tube	8.5	Roadside ISA	391261	302199	3	31	29	30	33	NA
Wolverhampton City Council	STA9	Diffusion Tube	3.5	Roadside ISA	391541	303373	3	30	29	28	33	NA
Wolverhampton City Council	STA9A	Diffusion Tube	7	Roadside ISA	391535	303346	3	32	30	30	33	NA
Wolverhampton City Council	WIL1	Diffusion Tube	14.5	Roadside ISA	394187	298451	3	23	22	21	25	NA
Wolverhampton City Council	BRI	Diffusion Tube	11	Roadside	388195	298787	3	20	21	19	22	NA
Wolverhampton City Council	DUD	Diffusion Tube	3.5	Roadside	391531	297313	3	25	25	23	28	NA
Wolverhampton City Council	HOR	Diffusion Tube	2.7	Roadside	392116	298607	3	35	34	36	42	NA
Wolverhampton City Council	WRE	Diffusion Tube	50	Background	392090	296095	3	16	16	14	17	NA
Wolverhampton City Council	Stafford Road	Automatic	8.5	Roadside	391261	302199	2.5	31	29	25	38	NA
NA – Not available												