

Appendix F – Air Quality Monitoring

Table F1 provides all the available monitoring data within close proximity of each SRN PCM link, where available, for 2022 and 2023. The monitoring data is made up of automatic monitoring and diffusion tubes collected by local authorities and National Highways.

Table F1 – Air Quality Monitoring Adjacent to SRN PCM links predicted as above the annual mean nitrogen dioxide limit value of 40µg/m³

PCM Link	SRN Road	Comm. No.?	Monitoring ID	Distance to PCM Link	OS Grid Reference		Annual Mean Nitrogen Dioxide Concentration (µg/m ³)		Notes
					X (m)	Y (m)	2022	2023	
6079	A1	4	N6 (a)	77	516621	249100	23	20	Local Authority
			N16	42	516593	249083	24	22	Local Authority
			N17	17	516569	249074	33	30	Local Authority
			N18	28	516579	249070	20	18	Local Authority
			N20	2	516534	249974	39	32	Local Authority
			N25	0.5	516568	250174	23	20	Local Authority
			N28	20	516551	249967	15	13	Local Authority
			N30	1	516524	249942	32	25	Local Authority
			N31 (a)	141	516690	249109	19	18	Local Authority
			N35	0.5	516493	249175	31	26	Local Authority
			Automatic Analyser (MD3)	7	516436	249600	20	16	Local Authority
16025	M6	4	28 M6_J6-7_NB_N	5	406836	292845	34	28	NAQMN (b)
			29 M6_J7-6_SB_NOP	4	406870	292854	38	34	NAQMN (b)
			70230_1	7	408380	291496	27	24	National Highways
			70230_2	25	409061	290851	32	29	National Highways
			70230_4	36	408404	291401	27	24	National Highways
			BHM09	26	408626	291366	28	27	Local Authority
			BHM240	122	408518	291532	31	-	Local Authority
			BHM241	31	408466	291468	25	-	Local Authority
			BHM242	132	408281	291364	26	-	Local Authority
			BHM243	222	408272	291235	28	-	Local Authority
16321	M3	4	LR13	15	443842	119526	33	30	Local Authority
			BEL	47	443778	119303	19	17	Local Authority
			CC (a)	470	443054	118962	23	20	Local Authority
			DD	17	443559	118751	21	17	Local Authority

PCM Link	SRN Road	Comm. No.?	Monitoring ID	Distance to PCM Link	OS Grid Reference		Annual Mean Nitrogen Dioxide Concentration (µg/m³)		Notes
					X (m)	Y (m)	2022	2023	
			SSQ	46	443483	118612	20	18	Local Authority
56285	A36	4	DT49 (a)	225	413828	130142	30	26	Local Authority
			DT54	2	413690	130362	43	36	Local Authority
			DT55 (a)	112	413669	130503	31	24	Local Authority
			DT59	3	412572	130673	32	30	Local Authority
			DT60	2	413038	130526	27	22	Local Authority
			DT61 (a)	278	413517	130698	24	22	Local Authority
			DT61 (a)	278	413517	130698	24	22	Local Authority
73482	M25	4	UUNN_BROX_001	127	536243	200141	35	(b)	Local Authority
			UUNN_BROX_004	84	536034	199902	36	(b)	Local Authority
			BB10	4	535400	200100	21	19	Local Authority
			BB11	83	536100	200100	31	25	Local Authority
			BB48	85	536190	200100	26	23	Local Authority
			BB52 (c)	24	536207	200039	36	-	Local Authority
			BB52 (c)	12	536224	200027	-	33	Local Authority
			BB53	34	535434	200090	17	18	Local Authority
77829	A628	4	HP8	3	402243	397265	28	27	Local Authority
			HP20	4	401962	397279	28	31	Local Authority
			HP29	4	401224	396974	23	21	Local Authority
			HP30	0.5	401641	397241	21	20	Local Authority
			HP31	5	401875	397260	29	30	Local Authority
			HP3 (a)	3	402892	397536	20	19	Local Authority
			HP4 (a)	2	402828	397493	23	22	Local Authority
			HP5 (a)	3	402695	397442	35	41	Local Authority
			HP6 (a)	3	402550	397360	26	23	Local Authority
			HP62	0.5	402228	397274	32	31	Local Authority
			HP63A, 63B (a)	0.5	402705	397444	43	43	Local Authority

Notes:

- (a) The monitoring location is not situated on the relevant PCM link; however, the data is included for completeness.
- (b) National Highways National Air Quality Monitoring Network, which comprises circa 60 monitoring stations alongside the Strategic Road Network in England
- (c) Diffusion tube previously located on lamppost in Arlington Crescent 24m from the M25. Borough of Broxbourne Council have advised that the diffusion tube BB52 was relocated to the façade of property bordering the M25 and is now 12m away from the motorway. The local authority have retained the same monitoring ID for this tube.