The nearest Scientific Services monitor Nitrogen dioxide to Briardale Gardens is PBN 17 &18 Golders Green Coach station and PBN 20 Cricklewood Lane NW2 which all show a general improvement in last few years see below.
Air quality is influenced by road traffic but also by still weather, so increases in individual roads do not necessarily make a significant impact compared with the general improvement due to cleaner engine technology. This area will be in the Ultra-Low Emission zone from Autumn 2021 which has predictions of improving air quality by around 20% over a few years which should minimise the affect any local increases in traffic.

1. Air Quality Monitoring

1.1 Locations

Table B. Details of Automatic Monitoring Sites for 2019

Site ID	Site Name	X (m)	Y (m)	Site Type	In AQMA?	Distance from monitoring site to relevant exposure (m)	Distance to kerb of nearest road (N/A if not applicable) (m)	Inlet height (m)	Pollutants monitored	Monitoring technique
ABN1	Tally Ho	526344	192219	Kerbside	Y	5	0.5	3	NO_2, PM10	Chemiluminescent; TEOM
ABN2	Chalgrove School	524374	189642	Urban Background	Y	0	N/A	2.5	NO_2, PM10	Chemiluminescent; TEOM

Table C. Details of Non-Automatic Monitoring Sites for 2019

Site ID:	Site Name	Site Type	OS Grid Ref	Pollutants Monitored	In AQMA?	Distance from monitoring site to relevant Exposure (m)	Distance to kerb of nearest road (N/A if not applicable) (m)	Inlet Height	Tube co-located with an automatic monitor (Y/N)
PBN1	1 Pointalls Close	Roadside	X526278 Y190444	NO_2	Y	6	13	2.5	N
PBN2	71 Ballards Lane	Urban Centre	X525410 Y190980	NO_2	Y	0	4	2.5	N
PBN3	Sanders Lane Allotments	Urban background	X523754 Y191588	NO_2	Y	N/A	N/A	2.0	N
PBN5	St James Catholic High School	Urban background	X521885 Y190489	NO_2	Y	5	2	2.5	N
PBN6	347 Hendon Way	Roadside	X523127 Y188183	NO_2	Y	10	1.0	2.5	N
PBN8	Tally Ho monitoring station	Urban Centre	X526346 Y192224	NO_2	Y	5	0.5	2.5	Y
PBN9	52 Golders Green Road	Urban Centre	X524965 Y187505	NO_2	Y	0	5	2.5	N
PBN10	High Street, Barnet	Urban Centre	X524496 Y196615	NO_2	Y	0	3	2.5	N
PBN12	1295 High Road Whetstone	Urban Centre	X526381 Y194059	NO_2	Y	0	10	2.5	N
PBN13	Courtland Avenue, A1	Roadside	X520968 Y193457	NO_2	Y	6	22	2.5	N
PBN14	William Hill, Station Road Edgware	Urban Centre	X519497 Y192075	NO_2	Y	0	5	2.5	N
PBN17	National Express Bus Stop, Golders Green Bus Station	Bus station	X525207 Y187425	NO2	Y	0	N/A	2.5	N
PBN18	Rear of GG Bus Station	Bus station	X525278 Y187444	NO_2	Y	0 [1]	N/A	2.0	N

PBN19	Rear of 7-12 Dyson Court, Tilling Road	Roadside	X523348 Y187589	NO_2	Y	0 (façade of residential building)	10	2.5	N
PBN20	Flats above 16 Cricklewood Lane	Urban Centre	X523885 Y185764	NO_2	Y	0 (façade of residential building)	6	6	N

1.2 Comparison of Monitoring Results with AQOs

The results presented are after adjustments for "annualisation" and for distance to a location of relevant public exposure, the details of which are described in Appendix A.

Table D. Annual Mean NO_2 Ratified and Bias-adjusted Monitoring Results (µg m^{-3})

Site ID	Site type	Valid data capture for monitoring period % [a]	Valid data capture 2019 % [b]	Annual Mean Concentration (µg m^{-3})						
				2013[c]	2014[c]	2015[c]	2016[c]	2017[c]	2018[c]	2019[cd]
ABN1	Automatic	96.85	96.85	**49.3**	**57**	**46.2**	38.8	**50**	35.9	38
ABN2	Automatic	93.37	93.37	32	27	23	28	29	27	25
PBN1	Diffusion tube	100	100	**42.2**	**52.5**	37.1	38.9	34.9	36.8	31.4
PBN2	Diffusion tube	92	92	**52.5**	**50.0**	**43.7**	**46.7**	**40.5**	39.8	35
PBN3	Diffusion tube	75	75	24.1	27.3	21.5	22.3	21.0	20.0	15.5
PBN5	Diffusion tube	58	58	31.6	33.2	27.9	30.5	27.7	28.8	27.3
PBN6	Diffusion tube	100	100	**50.5**	**50.7**	**41.7**	**50.6**	**49.5**	**41.4**	51.2
PBN8	Diffusion tube	67	67	**46.7**	**49.6**	**41.7**	**45.1**	**41.25**	37.7	**41.1**

Site ID	Site type	Valid data capture for monitoring period % [a]	Valid data capture 2019 % [b]	Annual Mean Concentration (µg m^{-3})						
				2013[c]	2014[c]	2015[c]	2016[c]	2017[c]	2018[c]	2019[cd]
PBN9	Diffusion tube	100	100	**56**	**51.9**	**48.4**	**53.5**	**43.8**	**43.5**	39.9
PBN10	Diffusion tube	100	100	**51**	**53.8**	**51.0**	**55.7**	**51.1**	**44.0**	**38.6**
PBN12	Diffusion tube	67	67	**53**	**52.4**	**47.0**	**50.8**	**46.3**	39.0	**38.1**
PBN13	Diffusion tube	75	75	37.3	37.6	36.7	34.2	30.1	29.3	27.4
PBN14	Diffusion tube	83	83	**58.9**	**56.5**	**55.7**	**54.7**	**50.9**	**50.4**	41.6
PBN17	Diffusion tube	100	100	**80.9**	**78.4**	**64.5**	**58.4**	**50.8**	**46.8**	38.9
PBN18	Diffusion tube	100	100	**55.6**	**54.5**	**51.8**	**50.3**	**50.4**	**40.3**	37.5
PBN19	Diffusion tube	100	100	**55.5**	**54.8**	**52.3**	**52.2**	**49.1**	**47.2**	**41.6**
PBN20	Diffusion tube	100	100	**57.1**	**62.3**	**54.6**	**55.3**		**43.1**	**38.7**