

Table 1: Diffusion Tube Monitoring Results – Nitrogen Dioxide (NO₂) Concentrations ^{a,b}

Site ID	Location	Annual Mean NO ₂ Concentration (µg/m ³)						
		2022 ^c	2019	2018	2017	2016	2015	2014
1	Hale Road / Lovell Terrace junction	18.6	23.0	27.9	28.1	30.0	25.3	34.7
2	Lamppost outside 368 Hale Road	23.9	29.5	38.9	35.4	34.0	35.2	37.8
3	Lamppost outside 383 Hale Road	22.8	29.8	39.8	36.9	36.5	32.6	40.1
4	Traffic light outside 413 Hale Road	22.6	28.4	39.8	34.2	36.3	35.5	39.0
5	Lamppost outside 420 Hale Road	19.3	22.1	31.6	29.3	28.9	26.6	34.7
6	Hale Bank Road (next to allotment gates)	14.5	15.3	21.7	20.6	18.9	23.7	22.6
7	Hale Bank Primary School	13.0	15.2	19.0	18.5	19.5	20.9	19.7
8	Junction of Hale Gate Road and Mersey View Road	14.3	16.2	21.8	20.4	19.7	21.0	N/A
9 ^d	Junction of Lower Road and Hale Bank Road	N/A	N/A	N/A	19.5	N/A	N/A	N/A
Objective		40						

N/A = not available

^a Exceedances of the annual mean objective are shown in **bold**.

^b Results shown have been annualised and adjusted for bias.

^c Green shaded cells indicate a reduction in concentration compared to 2019.

^d Site 9 was discontinued in 2018.

The final annualised and bias adjusted NO₂ concentrations for 2022 are below the annual mean objective at all monitoring sites. Measured concentrations were also below the objective in all other years, with the exception of Site 3 (383 Hale Road) in 2014, where the objective was marginally exceeded.

The results presented in Table 1 show concentrations to be lower in 2022 compared to 2019; it should be noted that 2020 and 2021 annual mean concentrations are unavailable due to the implications of the Covid-19 pandemic. Despite this missing data, overall there is a clear downward trend in measured concentrations over the presented monitoring period, as shown in Figure 1 below.

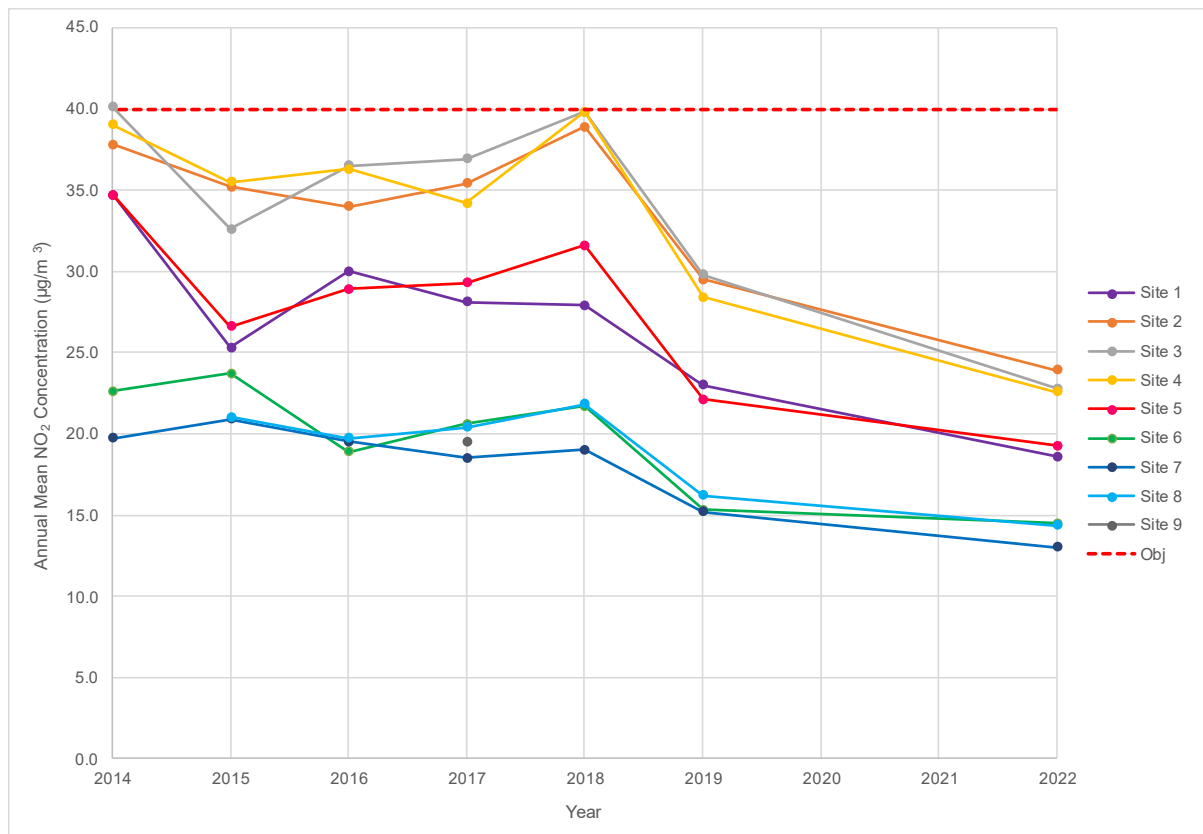


Figure 2: Annual Mean NO₂ Monitoring Results (2014 – 2022)