

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

Site ID	Location	Final Annual Mean NO ₂ Concentrations (µg/m ³) ^a							
		2023	2022	2019 ^b	2018	2017	2016	2015	2014
1	Hale Road / Lovell Terrace junction	18.0	18.5	23.0	27.9	28.1	30.0	25.3	34.7
2	Lamppost outside 368 Hale Road	24.2	25.2	29.5	38.9	35.4	34.0	35.2	37.8
3	Lamppost outside 383 Hale Road	23.8	23.1	29.8	39.8	36.9	36.5	32.6	40.1
4	Traffic light outside 413 Hale Road	22.8	23.2	28.4	39.8	34.2	36.3	35.5	39.0
5	Lamppost outside 420 Hale Road	19.9	19.4	22.1	31.6	29.3	28.9	26.6	34.7
6	Hale Bank Road (next to allotment gates)	11.0	13.6	15.3	21.7	20.6	18.9	23.7	22.6
7	Hale Bank Primary School	14.1	12.1	15.2	19.0	18.5	19.5	20.9	19.7
8	Junction of Hale Gate Road and Mersey View Road	14.0	13.8	16.2	21.8	20.4	19.7	21.0	n/a
9	Junction of Lower Road and Hale Bank Road	n/a	n/a	n/a	n/a	19.5	n/a	n/a	n/a

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 and orange shaded cells indicate a reduction or increase in concentration compared to 2022, respectively, whilst yellow shading indicates within 1 µg/m³ of the previous year.

^d Site 9 was discontinued in 2018.

The final annualised and bias adjusted NO₂ concentrations for 2023 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 broadly similar in 2023 compared to 2022; 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.

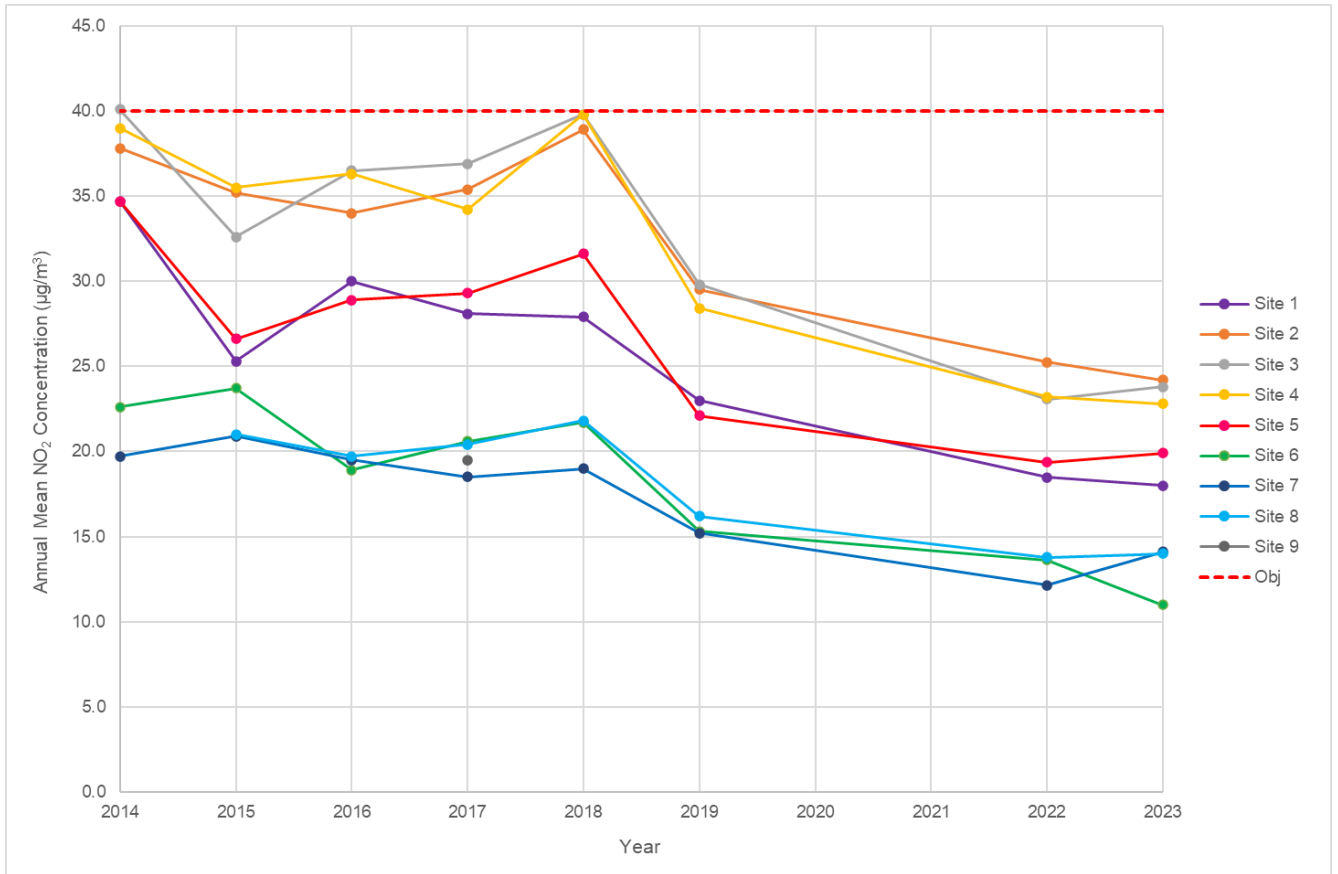


Figure 2: Annual Mean NO₂ Monitoring Results (2014 – 2024)