

Air Quality Data for the Dulwich LTN & surrounding area

Site ID	Site Location	2019 ^a	2020 ^b	2021 ^c	2022 ^d	2023 ^e
SDT 9	Lamppost (05-35) Dulwich Common adjacent to 23 Hambledon Place	42	30	35	32	36
SDT10	Lamppost (2076 - 02) adjacent to 2 Village Way	29	20	23	21	26
SDT 53	Lamppost (2074 - 25) Adjacent entrance to Edward Alleyn Club, Burbage Road	24	17	18	17	21
SDT 95	Court Lane	26	17	18	16	20
SDT 97	Barry Road	41	24	27	24	29
SDT 98	South Circular Road Junction with Underhill Road	48	34	28	34	40
SDT 100	Post adjacent to 1d Calton Avenue	34	17	19	16	20
SDT 101	Lamppost (307 - 19) Adjacent to 91 Herne Hill	35	24	26	24	28
SDT 114	Lamppost No 1 Goose Green / East Dulwich Road	33	23	25	25	29
SDT 136	Lamppost (2160- 12) adjacent to Dog Kennel Hill School Grove Hill Lane	34	20	24	22	28
SDT 137	Lamppost (2136 - 18)at the t-junction adjacent to Champion Hill	25	16	19	18	22
SDT 138	Lamppost (2127 - 11) Pytchley Road	31	25	27	26	31
SDT 139	Lamppost (2139 - 29) Grove Lane	33	24	27	24	27
SDT 140	Post near Dog kennel Hill School Entrance	31	23	25	24	29
SDT 145	Lamppost 2544L08 Croxted Road	25	20	21	20	24
SDT 146	Lamppost 423-23 Croxted Road	30	21	23	22	26
SDT 151	Lamppost (2300 - L01) Junction of Townley Road & Lordship Lane	29	19	22	20	23
SDT 152	Lamppost (2300 - 19) Townley Road	32	19	23	21	25
SDT 153	Lamppost 2292 – L27 Dulwich Village	27	17	20	19	22
SDT160	Lamppost 423 - XX Adjacent to 2 Hawarden Grove / Opposite 220 Croxted Road	No data	No data	23	22	27
SDT 161	Lamppost 2120-02 adjacent to 8 East Dulwich Grove	No data	No data	No data	29	36

All concentration results are presented as $\mu\text{g.m}^{-3}$.

^a 2019 annual average, full ratified and bias adjusted using a factor of 0.91

^b 2020 annual average, full ratified and bias adjusted using a factor of 0.81

^c 2021 annual average, full ratified and bias adjusted using a factor of 0.84

^d 2022 annual average, full ratified and bias adjusted using a factor of 0.85

^e Six- month average for the first half of 2023, unratified values without bias adjustment. Subject to change in 2024

Southwark deployed two Breathe London monitors on Croxted Road, the annual results are shown in the table below

Site Reference and Location	Year	Annual Data Capture (%)	Annual Concentration ($\mu\text{g.m}^{-3}$)
SWK-BL1 : Croxted Road / Guernsey Grove	2021	67	26
SWK-BL2 : Croxted Road/Dalkeith Road		67	25.7
SWK-BL1 : Croxted Road / Guernsey Grove	2022	99	26.7
SWK-BL2 : Croxted Road/Dalkeith Road		88	27.8

The table contains the Nitrogen Dioxide Diffusion tube survey located in the Dulwich LTN and surrounding areas. The results show that there was a large reduction in the concentration levels in 2020 compared with the 2019 Nitrogen Dioxide concentration levels, but this was due to the reduced traffic caused by the various COVID-19 lockdowns. With the easing of the lockdown restrictions and the confidence of the population has improved, resulting an increase in travel the concentrations of Nitrogen Dioxide in the area.in the first six months of 2023. The results in 2023 show an improved air quality concentrations when compared with the 2019 concentration levels. All the annual results in 2022 met with the National Air Quality Nitrogen Dioxide Objective of $40\mu\text{g.m}^{-3}$.

There has been an increased in concentrations due to the relaxtions of the Covid-19 locdowns and there has been an increase in travel. The London Breathe monitors for both years show that the concentrations at these locations meet with the National Air Quality Nitrogen Dioxide Objective of $40\mu\text{g.m}^{-3}$.

However the results are subject to many variables, the metrological conditions can affect the concentration levels, the influence of the pollution concentrations from regional concentrations, the improved fleet of vehicles due to the London Mayor's Transport Strategy actions.