

LAQM Statistics for 2021 at Victoria Street Air Quality Station

Concentrations are calculated to the number of decimal places consistent with the measurement technique and are reported to one decimal place.

Nitrogen Dioxide

The NO₂ annual mean and hourly mean Objectives were not exceeded.

The NO₂ annual means and annual data captures are shown below. The AQS annual mean Objective is 40 µg m⁻³ and the annual data capture target is 85%.

Station	Annual Data Capture %	Annual Mean µg m ⁻³	Objective Exceeded
Victoria Street	96.1	33.0	No

The NO₂ hourly mean AQS Objective is 200 µg m⁻³. The number of exceedences are shown below. There is an annual allowance of 18 hours.

Station	Number of Hourly Means > 200 µg m ⁻³	Objective Exceeded
Victoria Street	0	No

The PM₁₀ 90.4th percentile (Technical Guidance 7.170) should be reported since the annual data capture was less than 85%.

PM10 (Particulates)

The gravimetric PM₁₀ annual mean and daily mean Objectives were not exceeded.

The gravimetric PM₁₀ annual means and annual data captures are shown below. The annual mean AQS Objective is 40 µg m⁻³ and the annual data capture target is 85%.

Station	Annual Data Capture %	Annual Mean µg m ⁻³	Objective Exceeded
Victoria Street	77.9	22.0	No

The PM₁₀ annual mean does not need annualising using the methodology in the Technical Guidance (7.129) since the annual data capture was greater than 75%.

The gravimetric PM₁₀ daily mean AQS Objective is 50 µg m⁻³. The number of exceedences are shown below. There is an annual allowance of 35 days.

Station	Number of Daily Means > 50 µg m-3	Objective Exceeded	90.4th percentile µg m-3
Victoria Street	2	No	31.0

The PM10 90.4th percentile (Technical Guidance 7.170) should be reported since the annual data capture was less than 85%.

**Data collected and ratified by
Geoff Broughton of Air Quality Data Management (AQDM) 22 February 2022**