

CLEM7 in-tunnel air quality

Monthly trend report – October 2018

The table below sets out the in-tunnel air quality criteria for the Clem 7 tunnel as set out in the Coordinator General's Report.

- For the month of October 2018 no notable trends have emerged.

Table 1: In-tunnel air quality criteria

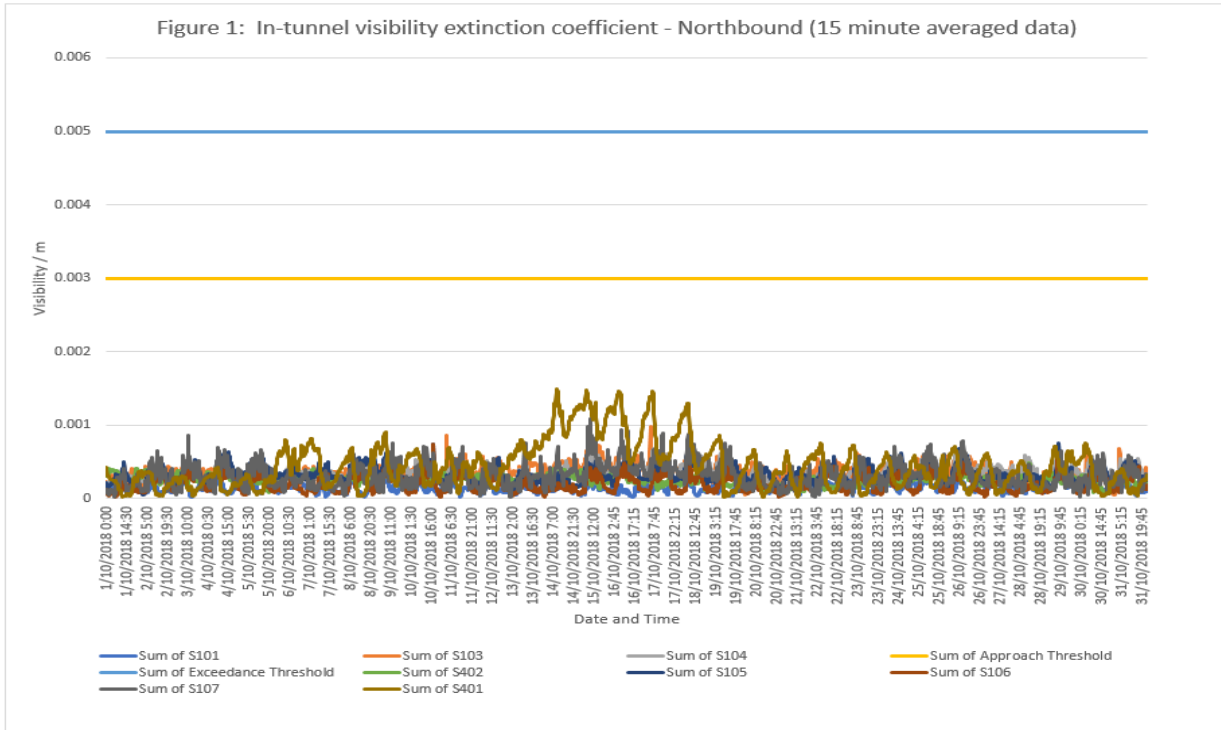
Parameter	Criteria
Carbon monoxide (CO)	70 ppm generally 90 ppm in peak traffic congestion
Nitrogen dioxide (NO ₂)	1 ppm (average)
Visibility coefficient (K)	0.005 m ⁻¹ for free flowing traffic (greater than 50km/hr) 0.007 m ⁻¹ otherwise

Notes:

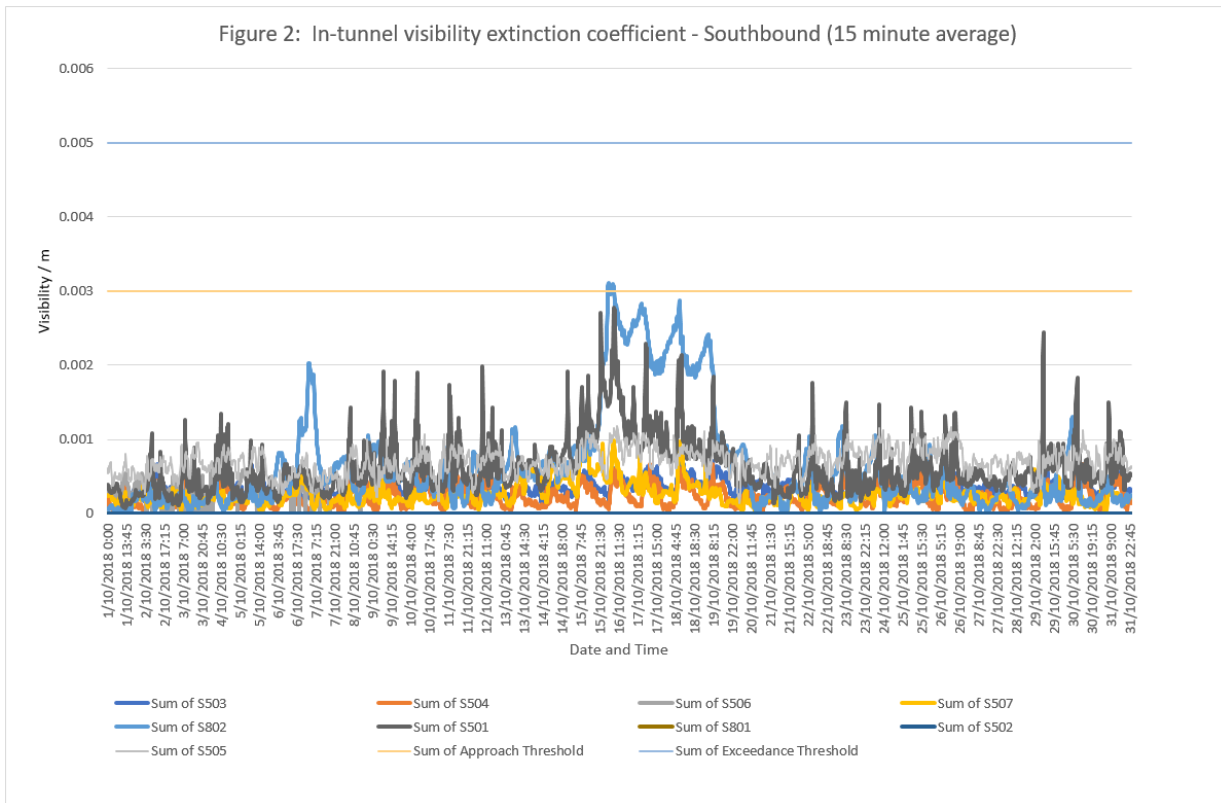
1. Monitoring and measuring protocols for each criteria as set out in the PIARC guidelines, as current December 2009.
2. Peak traffic congestion occurs when traffic flows are less than 10 km/h.
3. Visibility coefficient (K-value) may fluctuate with peak conditions.

CLEM7 IN-TUNNEL AIR QUALITY

Visibility



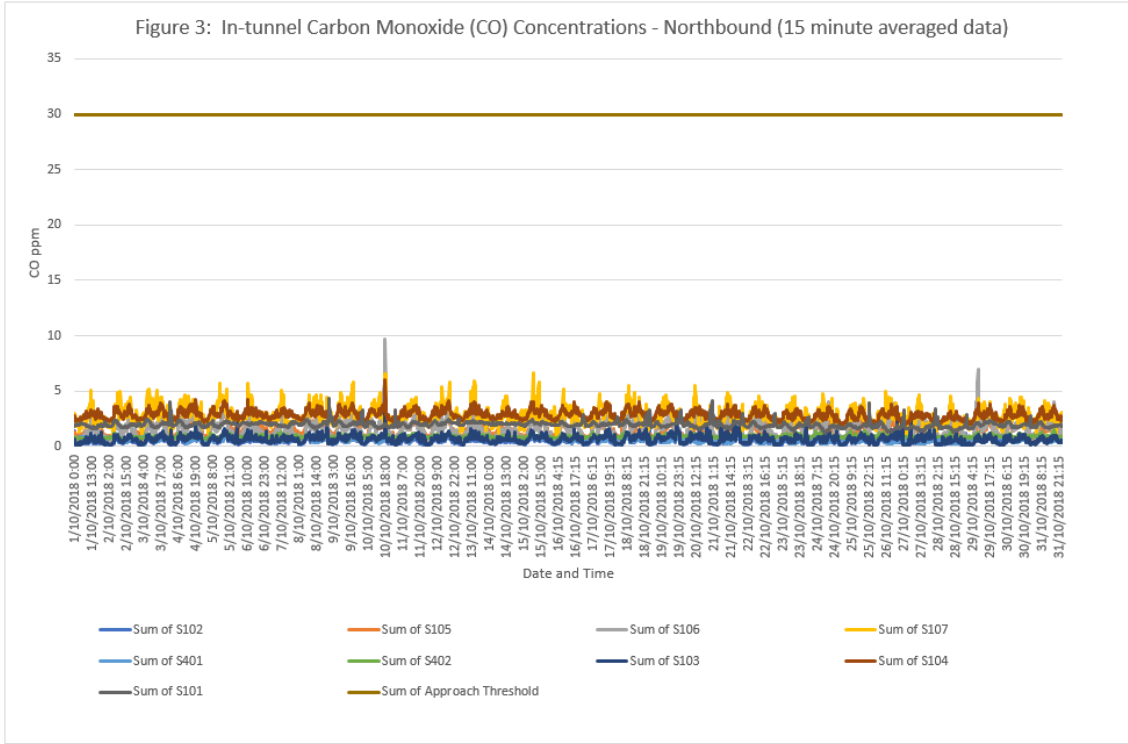
S102 Data invalidated due to sensor fault displaying erratic readings. Investigated during November Shutdown.
 S401 Performing Erratically 12-18 October. Investigated during November Shutdown.



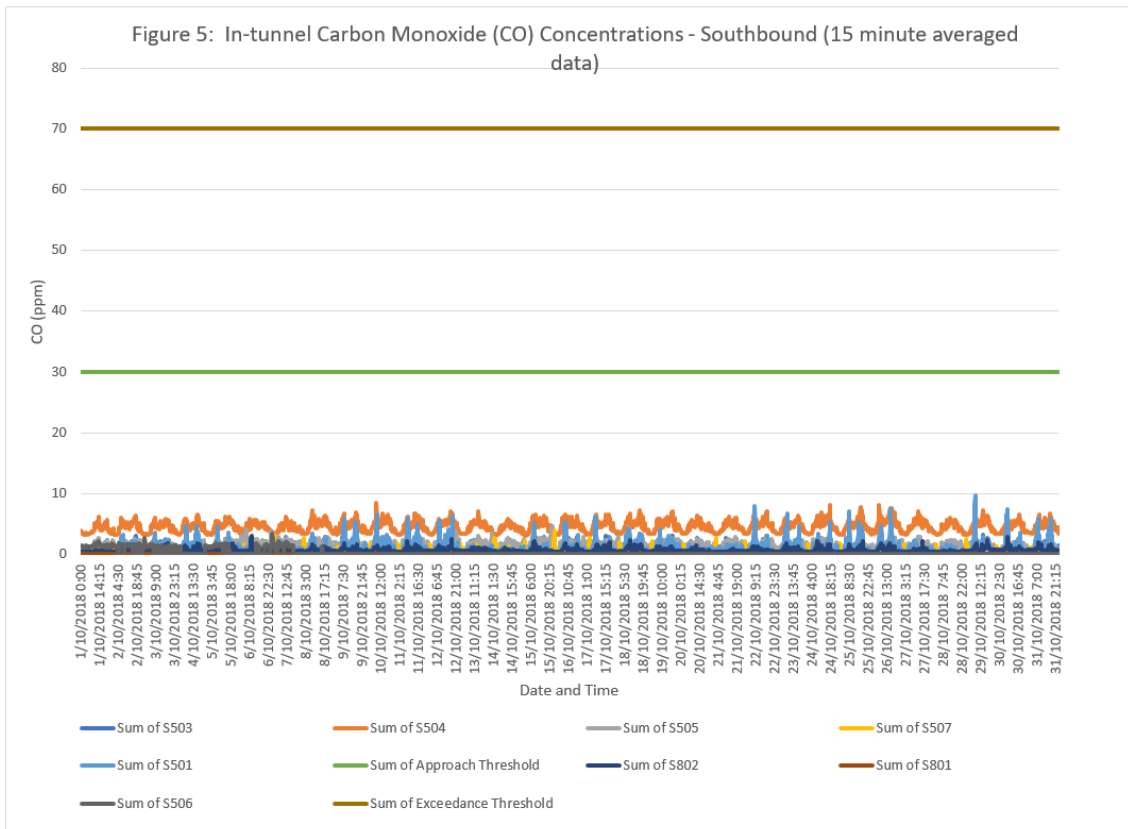
S502: Data has been invalidated for October due to instrument fault. Corrective maintenance scheduled for November closure.
 S506: Data has been invalidated for October due to instrument fault. Corrective maintenance scheduled for November closure.
 S801: No data available. To be investigated and corrective maintenance scheduled for November closure
 S802: Peak level reached Sum of Approach Threshold on 16.10.18. Erratic readings to be investigated during November closure.

CLEM7 IN-TUNNEL AIR QUALITY

Carbon monoxide



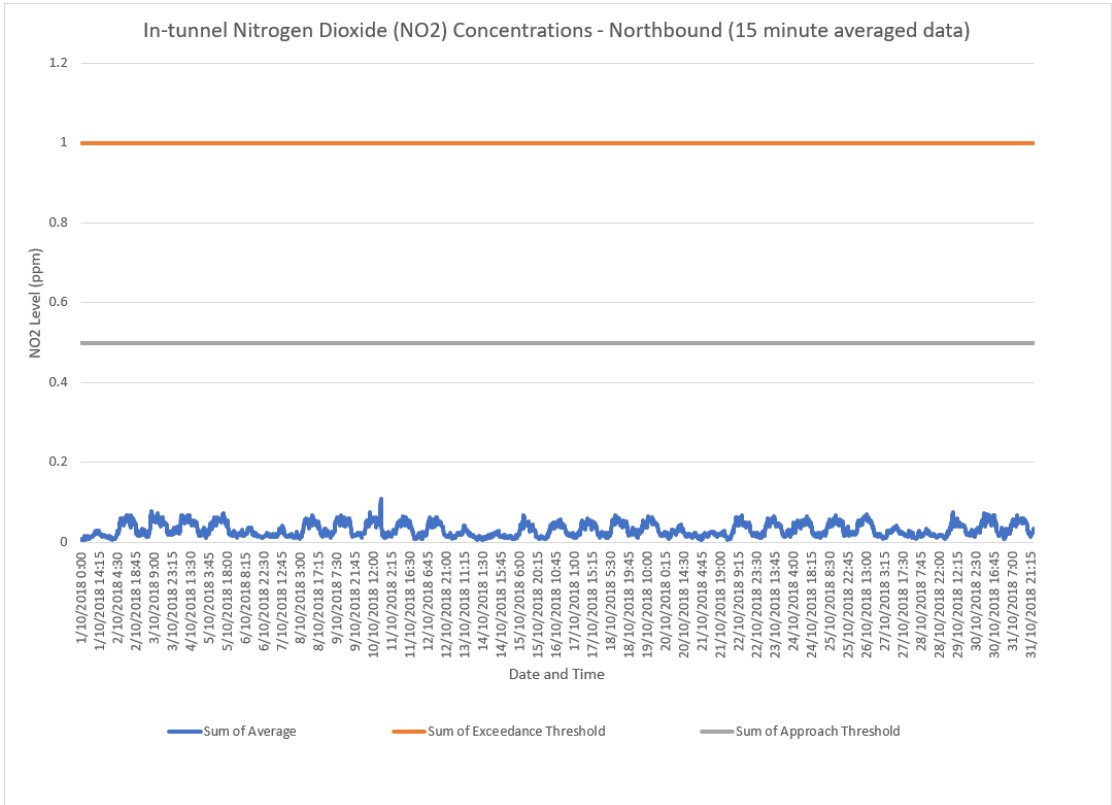
No comments.



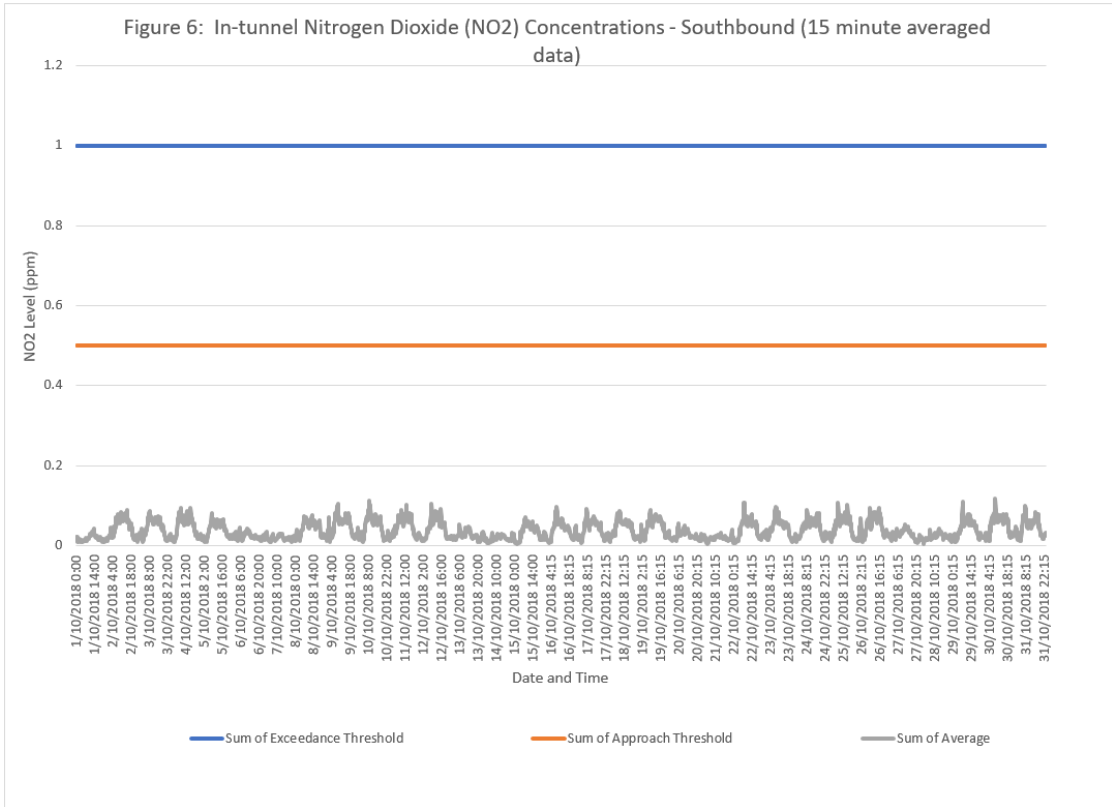
S502: No data available. To be investigated and corrective maintenance scheduled for November closure
 S506: Data has been invalidated for October due to instrument fault causing flatline. Corrective maintenance scheduled for November closure.
 S801: Data invalidated due to instrument fault. To be investigated and corrective maintenance scheduled for November closure

CLEM7 IN-TUNNEL AIR QUALITY

Nitrogen dioxide



No comments



No comments