

# Ventilation Outlet Notification and Report

## Ventilation Outlet Monitoring Notification

<b>Notification of Ventilation Outlet above-limit reading</b> WestConnex M8	
To be notified immediately to Project Company and TfNSW. Project Company is to notify DPIE, EPA and NSW Health within 24 hours.	
<b>Date</b>	03 May 2021
<b>Time</b> (start and finish)	04:00 – 05:00
<b>Relevant location</b>	<input checked="" type="checkbox"/> Kingsgrove Ventilation Facility <input type="checkbox"/> Arncliffe Ventilation Facility <input type="checkbox"/> St Peters Ventilation Facility
<b>Relevant limit</b>	<input checked="" type="checkbox"/> Solid particles – 1-hour average of 1.1 mg/m <sup>3</sup> <input type="checkbox"/> NO <sub>2</sub> or NO or both, as NO <sub>2</sub> equivalent – 1-hour average block of 20 mg/m <sup>3</sup> <input type="checkbox"/> NO <sub>2</sub> – 1-hour block average of 2.0 mg/m <sup>3</sup> <input type="checkbox"/> CO – 1-hour rolling average of 40 mg/m <sup>3</sup> <input type="checkbox"/> VOC – 1-hour rolling average of 4.0 mg/m <sup>3</sup>
<b>Above-limit reading</b> Detail the above-limit reading that was received	1-hour average reading of 1.181 mg/m <sup>3</sup>
<b>Duration</b> Detail the duration of the above-limit reading or event	1-hour per above-limit reading
<b>Nature of event</b> Detail nature of the event that contributed to the above- limit reading	Smoke from several hazard reduction burns has settled across parts of Greater Sydney. Light winds and an overnight inversion has resulted in smoke settling in low lying residential areas. At the time of the above-limit reading, ambient stations located near the Kingsgrove portal entrance recorded PM <sub>10</sub> & PM <sub>2.5</sub> at levels approximately 300µg/m <sup>3</sup> .  At this stage, it is thought that the deteriorated ambient air quality was drawn in through the western portal causing the solid particle exceedance.
<b>Was the data valid?</b> If unknown at this stage, please indicate.	Yes.
<b>Was there an emergency?</b> Refer section 6.5 of this Plan. If this is unknown at this stage, please indicate.	No.
<b>Measures employed</b> Detail measures employed to minimise the concentration levels	The ventilation level was increased and the additional ventilation facility, MOC3 was utilised.
<b>Commitment to prepare and submit a Report on Above-Limit Reading</b> A Report on Above-Limit Reading will be prepared for this notification. Please note that a Report is not required in the event of an emergency.	
<b>Person responsible for notification</b>	Name: Peter Redwin
	Position: Head of Operations and Maintenance
	Organisation: WestConnex Transurban