

Minutes

WestConnex M4-M5 Link Tunnels AQCCC Meeting #10

Date	28/02/2023		
Time	6.30pm – 7.15pm		
Venue	Videoconference		
Independent Chair	Abigail Goldberg	Chair and Director	GoldbergBlaise
Invitees	Peter Bridge Steve O'Brien Alistair Wardrope	Community representative Community representative Community representative	Haberfield Haberfield St Peters
	Scott Hodder Matthew Callander Helena Orel Verity Turner Peter Redwin Kris Hinks	Project Director Fire Life Safety and Integration Senior Communications Manager Environment and Planning Manager Head of Operations Operational Environmental Management Plan Specialist	WestConnex WestConnex WestConnex WestConnex WestConnex WestConnex
	Dr Ian Longley	Independent Air Quality Specialist	NIWA NZ
	Courtney Moran	Senior Environment Officer	Transport for NSW
	Manod Wickramasinghe	Traffic and Transport Planning Manager	Inner West Council
	Stuart Clark	Senior Operations Officer	EPA
	Justin Hazelbrook	HSEQS Manager	Fulton Hogan Egis
	Brian Smyth King Karyn Hemming Kendall Banfield Rob Sherry	Community representative Community representative Traffic and Transport Planning Manager Team Leader Compliance	Haberfield St Peters Inner West Council DPE

Agenda Items		Action
1.0	<p>Welcome, actions from previous meeting, introductions and apologies</p> <p>The Chair welcomed participants and put forward an Acknowledgement of Country. Apologies were noted.</p> <p>The Chair advised that actions from the previous meeting had been carried forward for discussion along with queries from community members provided ahead of the meeting. The order of the Agenda has been revised for this meeting to enable an update on the project opening to be presented upfront.</p> <p>Scott Hodder, taking over as Project Director, was introduced to the group.</p> <p>Disclosures of interest</p> <p>Alistair Wardrope advised inter-session that his company, Amarna Energy, had recently been engaged to provide services to Acciona Engineering. He noted Acciona Engineering are a separate entity to</p>	

Agenda Items	Action
<p>the ASBJV and that his company had been engaged on a different project to WestConnex. The Chair advised that she appreciated the disclosure but did not consider this a conflict of interest for the community representative role on the AQCCC. Likewise, Verity Turner advised that the project team did not consider this to be a conflict of interest.</p>	
<p>2.0 Project update</p> <p>Scott Hodder presented slides including a video illustrating progress on the project since commencement and up to opening six weeks ago (20 January 2023). Scott advised that operations were going relatively smoothly so far with minor ‘teething’ issues such as wayfinding and traffic ‘hotspot’ challenges being addressed as required.</p> <p>Scott commented on the milestone achieved by the unveiling of the plaque ceremony for the public artwork at the Campbell Road ventilation facility by local First Nations artist, Marilyn Russell.</p> <p>Peter Redwin advised that the control room was up-and-running. He noted that the water treatment plant was working as planned.</p>	
<p>3.0 Community update</p> <p>Helena Orel provided an update on air quality complaints received, of which there were four from community members, all of which have been addressed.</p> <p>It was noted that there was an exceedance of total solids at the Campbell Road ventilation outlet on the day of opening. The matter has been reported and addressed. Stuart Clark of the EPA confirmed receipt of the requisite report and action taken.</p> <p>Matthew Callander advised that in effect only one week of verified data was available at this time as the data required four weeks to be verified. The data that is available broadly indicates actuals that correspond to assumptions, however it is noted that there is little data to work off at this stage. Matthew observed that as more data was received, more detailed analysis would become possible.</p> <p>Verity Turner advised that Ian Longley would be asked to undertake an independent data analysis exercise once at least six months of data is available. This exercise will be the same or similar to analyses undertaken following the opening of related roads eg M4.</p> <p>Discussion referenced how the opening of the road was being experienced by community representatives. Representatives observed that while they were aware of some traffic hotspots no other noticeable issues had become apparent so far. It was noted that parking on local streets had become easier, apparently because of contractors no longer taking up spaces.</p> <p>Council observed that they were aware of wayfinding issues, however no community complaints had been received.</p>	

Agenda Items	Action
<p>4.0 Community items</p> <p>Helena Orel provided a detailed presentation on the channels and methods for communicating air quality information to the community. Pop-up information stalls at local shopping centres, fact sheets and information on the M8 project website (northbound and southbound routes) were all addressed, among other initiatives.</p> <p>The link to the air quality project website is www.linkt.com.au/using-toll-roads/about-sydney-toll-roads/safety/sydney.</p> <p>Kris Hinks noted that there was not a specific M4-M5 Link webpage but all the information was provided in the WestConnex M4 and WestConnex M8 links within the weblink above. He demonstrated what air quality information is online, and how this can be filtered to tailor outputs.</p> <p>Community representatives observed that the distribution of information had been 'terrific' and was much appreciated. No issues were raised at this stage in relation to how air quality is being communicated.</p>	
<p>5.0 Administrative items</p> <p>It is proposed that the second meeting of the year will be held on Tuesday evening 23 May on site (6 or 6:30pm). Visits to the control room and ventilation facility are being considered. Further information will be provided closer to the time. Hybrid meeting options will be available for those not able to attend in person.</p>	<p>The Chair will provide updates on the timing, location and logistics for the May meeting.</p>
<p>6.0 Questions / Other business</p> <p>No further questions were raised and no other business put forward for discussion.</p>	
<p>7.0 Thanks and close</p> <p>The Chair thanked participants for their participation. As above, next meeting will be 23 May 2023.</p> <p>The meeting was closed at 7:15pm.</p>	

M4-M8 Link Tunnels

Air Quality Community Consultative Committee

Meeting 10
28 February 2023



Agenda



Agenda for AQCCC Meeting 10

- Introduction
- Project update
- Community update:
 - Overview of air quality complaints
 - Air quality reporting
- Community items:
 - Community items
 - Communication information on air quality with the community
- Administrative items:
 - Meeting dates 2023
- Questions

Welcome, introduction, actions from
previous meeting

Three horizontal bars of varying lengths and colors (green, light blue, and dark green) are positioned below the text, creating a modern, abstract design.

Project update



Project update – February 2023

- Opening ceremony held on 19 January 2023
- Opened to traffic on 20 January 2023
- Plan Your Journey tool on the WestConnex website – <https://www.westconnex.com.au/plan-your-journey/plan-your-journey-on-westconnex/>



Project update – February 2023





Project update – February 2023

- Ceremony held for the plaque unveiling of the public artwork at the Campbell Road Ventilation Facility with Bidjigal Artist and Elder Marilyn Russell on 14 February 2023



Project update – February 2023

- All control rooms operating from the WestConnex Motorway Control Centre



Community update



Complaints – air quality

Complaints related to air quality (dust) since our last AQCCC meeting:

- **Four** complaints were received from community members on Wolseley Street in Haberfield in relation to dust from demobilisation work:
 - 1 in January 2023
 - 3 in February 2023
- Construction sites are currently in demobilisation phase:
 - Site sheds removed at Pymont Bridge Road and Haberfield, decline backfill has been completed, surfaces will be sealed mid-March
 - St Peters site – landscaping completed, surface will be sealed and office demobilisation mid-March.

Air quality reporting

- **20/01/2023 – Campbell Rd Vent Outlet – Total Solids**
 - Report certified by Independent Expert confirmed that the exceedance was caused by residual construction dust remaining on the road surface within the tunnel was the major contributor to the exceedance. The following mitigation measures were undertaken prior to the road opening;
 - the road surface was washed and swept several times with road sweepers and high-pressure vehicle mounted water spray bars
 - the tunnel walls were washed
 - and the ventilation system was operating at a higher level to increase the fresh air flowing into the tunnel.

Community items



Air quality fact sheet

November 2022

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

Air quality fact sheet

November 2022

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

WestConnex air quality monitoring program and mitigation systems are designed to protect the health and wellbeing of the community and maintain using the tunnels.

Air quality fact sheet

Less time driving means more for what matters.

Here's to an even *better* Sydney.

Liveability campaign

Explore WestConnex Plan Your Journey Roads & Projects Environment

Air quality

ENVIRONMENT / AIR QUALITY

About air quality at WestConnex

WestConnex in-tunnel air quality monitoring program and ventilation systems have been designed to protect and improve the health of local communities and motorists using the tunnels.

Road tunnels can help reduce air pollution by moving traffic off of local roads and moving vehicles underground. A tunnel, compared to a local surface road, allows vehicle emissions to be controlled and dispersed more effectively. Air quality around tunnels is continuously monitored to ensure standards are met.

You can find real time data on air quality for the New M4 Tunnels, the M5 East and WestConnex M8 here

Sydney's Air Quality

By world standards, Sydney's air quality is good, according to international comparisons by the World Health Organisation who set guidelines.

Even though traffic volumes have significantly increased over time, Sydney's air quality has improved and is now cleaner than it was two decades ago. This is due to major improvements in vehicle emissions mainly due to stricter fuel and vehicle emission standards.

WestConnex and Air Quality

WestConnex is committed to effectively managing air quality during the construction and operation of the WestConnex road network. Tunnel infrastructure includes state-of-the-art technologies such as monitoring and ventilation facilities, which help keep air clean in our tunnels and nearby communities.

Air Quality was considered and assessed during the design of WestConnex. Tunnels are designed to be wider, flatter and higher than other tunnels in Sydney, ensuring a smoother journey with less stop-start driving, relieving surface congestion and fewer vehicle emissions.

Monitoring and Reporting on Air Quality

In NSW air emissions are regulated by the NSW Environment Protection Authority (EPA) and compliance with ambient, or outdoor, air quality standards is an essential consideration during road project design and operation. To ensure requirements and standards are met, the WestConnex Project must be built and operated according to conditions placed on the project, which control air quality limits, monitoring and reporting.

WestConnex website

M4 tunnel air quality

The WestConnex M4 includes a tunnel linking Homebush to Haberfield and a new extension which connects the M4 at Haberfield and the M5. Transurban operates the WestConnex M4 in accordance with the Conditions of Approval established by the NSW Government and approved by the NSW Minister for Planning and **Environment Protection Licence** issued by NSW EPA.

- M4 Conditions of Approval
- M4 & M8 extensions Conditions of Approval

Monitoring and measuring protocols for each pollutant and parameters are described in the **glossary of terms**. A Pollution Incident Response Management Plan is also in place as a requirement of the Environment Protection Licence.

In-tunnel	Ambient	Ventilation outlet
-----------	---------	--------------------

The in-tunnel air quality monitoring shows data for:

- Carbon monoxide (CO)
- Nitrogen dioxide (NO₂)
- Visibility (X)

For a daily update on Sydney's current and forecast air quality visit the **NSW Office of Environment and Heritage website**.

Current snapshot at 3pm

Monday, February 20, 2023 (AEST)

Table gets updated 5 minutes past every hour.

Direction	CO 30min maximum	CO 15min maximum	CO 30min maximum	NO ₂ 15min maximum	Visibility 15min maximum
Eastbound	3.42 ppm	0.65 ppm	0.62 ppm	0.05 ppm	0.0032 m ⁻¹
Northbound	3.62 ppm	0.58 ppm	0.85 ppm	0.053 ppm	0 m ⁻¹
Southbound	3.16 ppm	1.75 ppm	1.66 ppm	0.089 ppm	0 m ⁻¹
Westbound	3.24 ppm	0.92 ppm	0.88 ppm	0.042 ppm	0.0006 m ⁻¹

Good Fair Poor

What does good, fair and poor mean.

Linkt website

Administrative items



Administrative items

- Forthcoming matters for the AQCCC
- Meeting dates 2023

Questions

