



Simon Cooper  
WestConnex M4-M5 Link  
Transport for NSW Representative  
101 MILLER STREET  
NORTH SYDNEY NSW 2060

30/08/2021

Dear Mr Cooper,

**WestConnex – M4-M5 Link - Stage 3A Mainline Tunnels (SSI 7485)  
Approval of alternate ambient air quality monitoring methodology for PM<sub>2.5</sub> (condition E24)**

I refer to your request dated 8 July 2021 seeking the Secretary's approval of the alternate methodology for ambient air quality monitoring of PM<sub>2.5</sub> as required by condition E24 of SSI 7485.

I have reviewed the supporting technical information and note the Environment Protection Authority's (EPA) correspondence of 28 June 2021 and 9 August 2021 indicating its support for the use of AS3580.9.12:2013 (*Determination of suspended particulate matter – PM<sub>2.5</sub> beta attenuation monitors*) as a suitable alternative sampling method to AS3580.9.13-2013 (*Determination of suspended particulate matter – PM<sub>2.5</sub> continuous direct mass method using a tapered element oscillating microbalance monitor*) for measuring ambient PM<sub>2.5</sub> for the project.

Accordingly, as a nominee of the Planning Secretary, I approve AS3580.9.12:2013 (*Determination of suspended particulate matter – PM<sub>2.5</sub> beta attenuation monitors*) as the alternate ambient air quality monitoring methodology for PM<sub>2.5</sub> under condition E24.

I remind you of your obligations under the conditions of approval that all other elements of the in-tunnel, ventilation outlet and ambient air quality monitoring programs are subject to separate considerations.

I also remind you that under condition E26 ambient air quality monitoring is required for a continuous period of at least 12 months prior to the commencement of operation of the project and needs to continue for at least two years after operation commences. Any decision to close or discontinue the monitoring requires the Secretary's approval, in consultation with the AQCCC and the EPA.

If you wish to discuss the matter further, please contact Mike Pereira at [mike.pereira@dpie.nsw.gov.au](mailto:mike.pereira@dpie.nsw.gov.au).

Yours sincerely

A handwritten signature in black ink, appearing to read 'M. Todd-Jones'.

Matthew Todd-Jones

Acting Director  
Infrastructure Management

As nominee of the Secretary