

Simon Cooper  
Project Director - WestConnex M4-M5 Link  
20-44 Ennis Road  
Milsons Point NSW 2061

29/09/2022

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Subject: WestConnex M4-M5 Link – Stage 3A Mainline Tunnels: Ventilation Outlet Emissions Monitoring Methodologies (E19A)

Dear Mr Cooper

I refer to your request dated 2 September 2022, seeking the Secretary's approval for an alternate method to continuously measure moisture from ventilation outlet emissions under condition E19A of SSI-7485.

I have reviewed the supporting technical information and note the NSW Environment Protection Authority's (EPA) correspondence of 31 August 2022 indicating the Vaisala HMT337 is an appropriate alternative method to TM-22 for the purposes of continuously measuring moisture content in road tunnel ventilation stacks.

In addition, the EPA requires the Project to undertake:

- site specific evaluation of the Vaisala monitors following installation, via successful RATA testing against reference method TM-22 in accordance with USEPA Performance Specification 2 (or equivalent); and
- ongoing performance of the monitors should be demonstrated in accordance with USEPA Procedure 1 and the Project's CEMS Quality Assurance Quality Control (QA/QC) plan.

Accordingly, as nominee of the Planning Secretary, I approve the Vaisala HMT337 as an alternate method to continuously measure moisture from ventilation outlet emissions in accordance with condition E19A.

I remind you that, under condition E19A, ventilation outlet emissions monitoring is required to be undertaken at commencement of and throughout operation and the monitoring equipment must be verified by an independent auditor who is expert in tunnel ventilation outlet design prior to the commencement of monitoring.

If you wish to discuss the matter further, please contact Sidonie Crepeau at [sidonie.crepeau@planning.nsw.gov.au](mailto:sidonie.crepeau@planning.nsw.gov.au).

Yours sincerely



Shelley Reed  
Team Leader  
Infrastructure Management

As nominee of the Planning Secretary

