


MONTHLY NOISE AND VIBRATION REPORT CITY & SOUTHWEST ACOUSTICS ADVISOR

Project:	Chatswood to Sydenham SSI-7400		
For period:	January 2022	Authorisation:	
Prepared by:	Daniel Weston		
Date of issue:	7 February 2022		

Introduction

EMM Consulting Pty Limited (EMM) presents the January 2022 Noise and Vibration Report for the Sydney Metro City and Southwest project as required by SSI 15_7400 A27 (g) vi.

Generally, there has been less activity across the project during January 2022, mainly due to site shutdown periods over the holiday break, the gradual ramp up of activity over the January period as the workforce returns from leave and overall contractor staffing issues caused by an increase in Covid-19 infections.

A reference table for the acronyms used in this report is provided on the last page.

Acoustic Advisor Activity

- Review and endorsement of:
 - WISD CNVIS Rev 3;
 - CSM LWW (Tunnel Trackworks) Noise and Vibration Assessment R4;
 - PSISD CNVIS Rev 13 (review only).
- Review and endorsement of out of hours work applications (OOHWA) and extensions for:
 - MPISD OOHWA 93 January to June 2022 OOH Deliveries;
 - Barangaroo OOHWA 6 Hickson Road Utility Works Rev 3;
 - PSISD OOHWA 31 Rev B;
 - PSISD OOHWA 32 February 2022 works;
 - CSM OOHWA February 2022 works (review only);
 - WISD OOHWA 26 February 2022 works Rev B;
 - VCISD OOHWA 15 for North Site Rev 8; and
 - VCISD OOHWA 17 for South Site Rev 4.
- Attendance at Sydney Metro meetings with DPIE, and meetings with CNISD, CSM, PSISD, VCISD, MPISD, Barangaroo Station and WISD contractors.

Inspections, audits and site visits

No site visits or inspections were undertaken in January 2022, mainly due to the lesser site activity as mentioned in the introduction.

Monitoring status

- Real-time noise and vibration monitoring (with real-time access) is ongoing at Barangaroo (noise only), VCISD, CSM, SSJ, MPISD, PSISD (noise only) and CNISD sites.

Noise and vibration complaints

- Noise and vibration complaints from Barangaroo, Northern Connection (Chatswood), CNISD, VCISD and WISD were received. These complaints were dealt with appropriately by contractors.

Initiatives

- We have started to request attended noise monitoring records as part of the OOHWA application process to verify that the appropriate level of information is being recorded by noise monitoring personnel and overall adherence to CNVMP and NMP requirements. This AA initiative is part of the recommendation provided in December 2021 and January 2022 for a project wide review of contractor noise management and measurement practices and will continue.

Non-compliances, incidents and events

- Nothing to record for this month.

Ongoing and upcoming environmental risks

- OOH works, particularly long running concrete pours and/or oversize deliveries at ISD sites at WISD, VCISD and CNISD during extended working hours to catch up lost time due to construction pause and other impacts due to Covid.
- The Environmental Planning and Assessment (COVID-19 Development – Infrastructure Construction Work Days No. 2) Order 2020 (Covid-19 Order) for extended construction hours on Saturdays, Sundays and Public Holidays expires on March 31 2022. All Sydney Metro ISD contractors have relied heavily on these additional hours to make up for the significant project delays that Covid-19 has generated across the project. In conjunction with Sydney Metro, ISD Contractors and the ERs, EMM as AAs are exploring opportunities to allow some work to continue over the hours allowed under the Covid-19 Order. This will allow contractors to self-manage social distancing and the potential spread of Covid-19 throughout the workforce whilst also supporting the ongoing timely delivery of the project. This is on the proviso that the works meet all relevant provisions in the SSI 15_7400 and the Sydney Metro City & Southwest Out of Hours Work Strategy/Protocol. Community agreements developed under the provision of CoA E44 E for some ISDs have also been discussed in detail and such agreements will be explored further over the coming months.

Recommendations (incl auditing):

- A project wide review of noise and vibration training of contractor staff who are involved with noise and vibration prediction, management and measurement was previously recommended. This task has commenced by EMM as AAs and will continue throughout 2022.

Acronyms

<i>CNISD</i>	<i>Crows Nest Integrated Station Development</i>
<i>CNVIS</i>	<i>Construction Noise and Vibration Impact Statement</i>
<i>CNVMP</i>	<i>Construction Noise and Vibration Management Plan</i>
<i>CSM</i>	<i>Central Station Metro</i>
<i>ER</i>	<i>Environmental Representative</i>
<i>ISD</i>	<i>Integrated Station Development</i>
<i>LWW</i>	<i>Line Wide Works</i>
<i>MPISD</i>	<i>Martin Place Integrated Station Development</i>
<i>NVA</i>	<i>Noise and Vibration Assessment</i>
<i>NVMP</i>	<i>Noise and Vibration Monitoring Plan</i>
<i>OOH</i>	<i>Out of hours</i>
<i>OSOM</i>	<i>Oversize, overmass</i>
<i>PSISD</i>	<i>Pitt Street Integrated Station Development</i>
<i>SSJ</i>	<i>Sydenham Station Junction</i>
<i>VCISD</i>	<i>Victoria Cross Integrated Station Development</i>
<i>WISD</i>	<i>Waterloo Integrated Station Development</i>