


MONTHLY REPORT CITY & SOUTHWEST ACOUSTICS ADVISOR

Project:	Chatswood to Sydenham SSI-7400		
For period:	September 2021	Authorisation:	
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Acoustic Studio Final Report

This is the last monthly report by Acoustic Studio in the role of City and Southwest Acoustics Advisor. From 1 October 2021 the role will be fulfilled by EMM Consulting. Acoustic Studio remains involved in the project to provide an effective handover.

Acoustic Advisor Activity

- Review and endorsement of
 - PSISD CNVIS Main Works Rev 11
 - LWW Construction Monitoring Report March – August 2020
 - Barangaroo Station CNVIS Civil Works
 - Barangaroo Station CNVIS Station Works
 - LWW CNVIS Addendum Northern Connection MPR Works
- Review and endorsement of out of hours work (OOHW) applications and extensions for
 - LWW Artarmon TSS Modular Buildings Delivery and Installation Works
 - MPISD September – December 2021 Utility Investigation
 - CNISD Ultegra works update
 - LWW Artarmon BPS Weekend Shutdowns 2021
 - PSISD OOH September 2021 Revision
 - WLISD OOH October 2021
 - CNISD Extended work hours
 - PSISD OOH October 2021
 - VCISD North site structures
- Attendance at Sydney Metro meetings with DPIE, and meetings with CNISD, TSE, CSM, PSISD, VCISD, MPISD Barangaroo Station and Waterloo ISD contractors.

Inspections, audits and site visits

- CNISD OOH Girder Delivery 11pm Thursday 2 to 2am Friday 3 September.
- Pitt Street ISD ER Inspection, 10 - 11am Tuesday 21 September
- CNISD OOH works viewing at 10 - 10.45pm Tuesday 21 September.

Due to Covid restrictions fortnightly environment meetings have included “virtual” inspection presentations of photos from site environment staff and time lapse cameras (where available), and review of real-time noise and vibration monitoring results.

Monitoring status

- Real-time vibration monitors removed from PSISD south and north following completion of works with the potential to generate higher risk vibration levels. Real-time noise and vibration monitoring (with real-time access) ongoing at VCISD, CSM, SSJ, MPISD, PSISD, CNISD sites.

Noise and vibration complaints

- Noise and vibration complaints from CNISD, WLISD, VCISD, LWW Surry Hills and Chatswood Dive – dealt with appropriately by contractors.
- Complaints about drilling noise with very annoying screech characteristics generated at PSISD resulted in non-compliances (see below).

Initiatives

- None

Non-compliances, incidents and events

- A noise complaint was made around 10am Friday 24 September, in relation to noise from rock drilling at the south Pitt Street ISD site. A further two complaints were made on Saturday 25 September, and three more were received on Monday 27 September about the noise on Saturday.
- We reviewed the level and character of the noise and, in consultation with Sydney Metro and the ER, assessed it as an annoying activity, similar to rock breaking, as mentioned in Conditions of Approval E37, E38, E46, and 6(2)(c)(ii) of both the Environmental Planning and Assessment (COVID-19 Development – Infrastructure Construction Work Days) Order 2020 and the Environmental Planning and Assessment (COVID-19 Development – Infrastructure Construction Work Days No. 2) Order 2020.
- A non-compliance was raised for high impact works being done without an OOH approval during the Saturday afternoon Covid Infrastructure Construction Order extended work hours (CoA E44).
- Issues relating to the non-compliance are:
 - Timeliness in application of the complaint response procedure in the CNVMP;
 - Experience of staff (requirement of CPB's monitoring program) in recognizing high impact works, particularly as they relate to the Covid Order.

Ongoing and upcoming environmental risks

- OOH works, particularly long running concrete pours and/or oversize deliveries at ISD sites through October at WLISD, VCISD, CNISD during extended Covid lockdown, and extended working hours to catch up lost time due to construction pause and other impacts due to Covid. Many residents will continue working from home and home-schooling during October.

Recommendations (incl auditing):

- Noise and vibration procedures should be included in the scope of the forthcoming audit of the PSISD works.