


MONTHLY REPORT CITY & SOUTHWEST ACOUSTIC ADVISOR

For period:	March 2020	Authorisation:	
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Emerging Issue – Covid-19 pandemic

During March 2020 the NSW government implemented restrictions in response to the rapidly changing Covid-19 pandemic situation. This presents challenges for site inspections; it also affects noise and vibration impacts and changes the availability or suitability of options for mitigation. For example:

- Large numbers of people are now working from home, restricted from leaving their homes for most of the day and many are home schooling. It is therefore likely that residential receivers are more sensitive to daytime construction noise.
- Respite offers such as movie or dinner vouchers are not suitable at this time. People may also be more reluctant to take up Alternate Accommodation.
- An Order was recently made allowing construction to be extended into Saturday afternoons, Sundays and Public Holidays, in certain circumstances. The order applies to Part 4 projects, but it is understood a further Order is being developed for Part 5 projects, such as Sydney Metro.

The AA is working with Sydney Metro, DPIE, contractors and the ER to develop an appropriate response to manage these impacts and fulfil the requirements of the Conditions of Approval. In addition to the risks, the Covid-19 situation does also present some opportunities that should be explored. For example, it may be possible to modify the hours available for road occupancy, allowing noisy work to be carried out at less sensitive times of the day.

Acoustic Advisor Activity

- Review and endorsement of
 - MP-ISD Six Monthly Monitoring report
 - TSE PSN B-Class hoarding and site sheds OOH CNVIS Addendum
 - SSJ Six Monthly Monitoring report
 - TSE Waterloo TFI Deliveries CNVIS Addendum
- Review and approval of
 - MP-USP CNVMP Revision 15
- Review and endorsement of out of hours work (OOHW) applications for
 - MP-ISD Tower Crane Install
 - MP-ISD Crane lift Pile Delivery
 - Martin Place Utility Investigations
 - MP-ISD Bulk Excavation Community Agreement
 - NCW Installation of permanent survey plaques
 - MP-ISD Installation of Sheet Pile Wall
 - MP-ISD Building Monitor Installation
- Attendance at Sydney Metro meetings with DPIE, and meetings with TSE and CSM contractors.

Inspections, audits and site visits

- TSE Marrickville
- SSJ Sydenham
- CSM Central Station works
- CSM Central Station Track Slab Replacement
- TSE Chatswood Piling Pad Compaction

Monitoring status

- Real-time noise and vibration monitoring (with real-time access) ongoing at TSE, CSM, SSJ, NCW and Martin Place USP sites.

Noise and vibration complaints

- Ongoing complaints about ground borne noise and vibration impacts from piling pad compaction at Chatswood Dive site, cross passage excavation and rock bolt drilling. Dealt with appropriately by TSE.
- Noise and vibration complaints from TSE, CSM, NCW – dealt with appropriately by contractors.

Initiatives

- None.

Non-compliances, incidents and events

- Vibration at 50 Martin Place reached 9mm/s at the vibration monitor on 19 March, exceeding the 7.5mm/s threshold. LendLease stopped excavation work and adopted alternative methods.

Ongoing and upcoming environmental risks

- Ongoing ground borne noise and vibration impacts from piling pad compaction and cross-passage excavation.
- Excavation at Pitt Street North, Martin Place (USP and TSE works) and Victoria Cross south.
- Progressive removal of acoustic sheds from station sites.

Recommendations (incl auditing): None