


**MONTHLY REPORT
CITY & SOUTHWEST ACOUSTIC ADVISOR**

For period:	October 2018	Authorisation:	
Prepared by:	Sav Shimada		
Date of issue:	7 November 2018		

Acoustic Advisor Activity

- Review and endorsement of CNVIS documents for works:
 - TSE Excavation at Waterloo (rev 8)
 - TSE Tunnelling CNVIS (rev 2)
 - L'OR Northern Corridor Works (NCW) P7B CNVMP (v0.4)
 - L'OR NCW CNVIS P7B CNVIS (rev D.04)
 - TSE Victoria Cross North and South Excavation CNVIS (rev 7)
 - Lend Lease Martin Place USP CNVMP (rev 6)
 - TSE Chatswood CNVIS (rev 8)
 - Lend Lease 9-19 Elizabeth St demolition CNVIS (rev 7)
- Review and endorsement of out of hours work (OOHW) applications for SSJ, CSM, Martin Place, NCW, Waterloo
- Attendance at Sydney Metro meetings with DPE and with TSE contractors.
- Alternate Acoustic Advisor enacted Tuesday 30th October to Wednesday 31st October

Inspections, audits and site visits

- Attended heritage audit by Independent Environmental Auditor at Waterloo, 4 October
- Attended internal audit by TSE on noise and vibration management, 15 October

Non-compliance and incident details

- Potential incident: vibration exceeded approved limit at 243 Miller St, at Victoria Cross North, during trial blast on 27th October. TSE advised on 5 November 2018 that the event was a non-compliance with Condition E54, as the modification allowing for a higher vibration limit at 243 Miller Street was issued on 2 November 2018, after the trial blast. TSE has arranged structural inspections to determine if any damage has occurred at 243 Miller Street, and will report on the results in November 2018.
- Non-compliance: Crows Nest, 27 September 2018, urgent road safety works undertaken during respite periods defined in the TSE EPL. TSE completed an investigation and presented the findings and recommended actions to Sydney Metro and EPA on 15 October 2018.

Noise and vibration complaints

- Noise and vibration complaints from all current TSE and Northern Corridor Works sites – dealt with appropriately by TSE and L'OR Contractors with the assistance of Sydney Metro communications team.
- Complaints received due to NCW cumulative impacts with Sydney Metro NorthWest contractor (NRT) working in the same area as TSE and L'OR. NRT now actively involved in Sydney Metro works coordination efforts, to appropriately manage cumulative impacts (including the provision of respite periods).
- Attended meeting with Community Complaints Commissioner and resident at 9-11 Nelson Street, Chatswood on 18 October, to discuss noise and vibration mitigation.

Ongoing and upcoming environmental risks

- Ongoing review of implementation of noise and vibration mitigation and management commitments during structural demolition and bulk excavation works, including for CSM which will involve loaded trucks using the Sydney Yard Access Bridge (SYAB).
- Ground borne noise and vibration from tunnelling activity, including tunnel boring machines, cross passage excavation and cavern excavation with road-headers. TSE conducting noise and vibration monitoring to verify predicted effects.

Recommendations (incl auditing):

- None