


## MONTHLY REPORT CITY & SOUTHWEST ACOUSTIC ADVISOR

For period:	September 2018	Authorisation:	
Prepared by:	Dave Anderson		
Date of issue:	7 October 2018		

### **Acoustic Advisor Activity**

- Review and endorsement of CNVIS documents for works:
  - TSE Local Area Utility Works - Chatswood Site (rev 5) and Victoria Cross North (rev 2)
  - Northern Corridor Works, Portion 7B, (L'OR version D03)
  - TSE Excavation at Barangaroo (rev 9) and Victoria Cross (rev 2 and rev 6)
  - Victoria Cross North blasting (TSE, rev 3) and blast management strategy (rev 01)
- Review and endorsement of out of hours work (OOHW) applications for Golder-Douglas (Geotech investigation), Martin Place USP, SSJ, CSM, NCW and TSE sites
- Attendance at Sydney Metro meetings with DPE and with TSE contractors.
- Alternate Acoustic Advisor enacted 1 to 7 September

### **Inspections, audits and site visits**

- Site inspection of noise and vibration management at Victoria Cross North, 11 September 2018

### **Non-compliance and incident details**

- Condition C11 requires that the proponent, ER, AA, DPE and EPA are provided with real time access to noise and vibration monitoring data. Bulk excavation was underway during September, but real time access to monitoring data was only provided to DPE, EPA and the ER from 4<sup>th</sup> September onwards.
- TSE's vibration monitor at 243 Miller Street, Victoria Cross North, identified several events that exceeded the vibration threshold between 3 and 6 September. Following investigation, TSE:
  - rectified a fault with the automatic alert system;
  - relocated the monitor closer to the affected structure on 10<sup>th</sup> September;
  - arranged for independent attended vibration measurements, which indicated that the events that exceeded the vibration threshold at the original monitoring location would not have exceeded the threshold at 243 Miller Street; and
  - repeated condition surveys at 243 Miller Street and confirmed no evidence of changes in condition.

### **Noise and vibration complaints**

- Noise and vibration complaints from all current TSE and Northern Corridor Works sites – dealt with appropriately by contractors.
- TSE carried out monitoring in response to complaints at Marrickville. The results confirm measured noise levels were aligned with predicted levels.

### **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).

### **Recommendations (incl auditing):**

- None