

ACOUSTICS ADVISOR MONTHLY REPORT SYDNEY METRO WEST (SSI 10038)

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| For period: | December 2022 | Authorisation: | Dave Anderson, Acoustics Advisor |
| Prepared by: | Dave Anderson | | |
| Date of issue: | 7 January 2023 | | |

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| Acoustics Advisor | Alternate Acoustics Advisor(s) |
| Dave Anderson | Larry Clark |

Document review

| Document | Reviewed | Endorsed / approved |
|---|--------------|---------------------|
| Central Tunnelling Package (CTP), AFJV | | |
| Tunnelling DNVIS Rev 4 | Y | 23/12/22 |
| OOH228 Traffic signage at Burwood North | Y | 5/12/22 |
| OOH232 Electrical testing at Ada Street Burwood | Y | 6/12/22 |
| OOH227 Traffic signage at Five Dock | Y | 6/12/22 |
| OOH194 Traffic lights at George / Pomeroy St North Strathfield | Y | 20/12/22 |
| OOH182 Bus stop works at St North Strathfield | Y | 21/12/22 |
| OOH234 Traffic control at Roberts and Mullens St | Y | 5/1/23 |
| Power Enabling Works (PEW), Quickway | | |
| OOH013 Road restoration works – Rev 5 | Y | 20/12/22 |
| OOH014 Darling Street restoration works – Rev 1 | Y | 13/12/22 |
| Metro Brownfield Enabling Works (MBEW), Transport for Tomorrow (TfT) | | |
| OOH protocol | Under review | |
| Western Tunnelling Package (WTP), GALC | | |
| Noise monitoring records from Rosehill and Clyde Dive sites | Y | N/A |

Inspections / site visits

| Date | Location | Details |
|--------------------------|--|---|
| 1 December 2140 to 2350 | Westmead, Parramatta, SOP, N Strathfield, Burwood, Five Dock | Dave Anderson surveillance inspection |
| 6 December 0930 to 1030 | Rosehill Gardens Racecourse | Dave Anderson inspection |
| 1 December 0930 to 1230 | The Bays, Five Dock and North Strathfield | Larry Clark joined ER inspections. |
| 8 December 2100 to 2230 | Westmead OOH Utilities works for High Voltage and Geotech investigations | Larry Clark joined ER inspections with EPA and DPE representatives. |
| 21 December 0900 to 1145 | Rosehill and Clyde MSF | Larry Clark joined ER inspections |
| 22 December 0930 to 1400 | Sydney Olympic Park, Burwood North and The Bays | Larry Clark joined ER inspections |

Meetings

| Date | With | Purpose |
|---------------|------------------------|------------------------------------|
| 2 Dec | Sydney Metro | Noise mat November wrap up |
| 7, 14, 21 Dec | Sydney Metro, GLC, ER | Weekly environment meeting, WTP |
| 8, 9, 16 Dec | Sydney Metro, JHJV, ER | ETP Meeting |
| 5, 12, 19 Dec | AFJV, Sydney Metro, ER | Environment meeting, CTP |
| 5, 12 Dec | Sydney Metro, GLC, ATC | Weekly works status |
| 2, 9 Dec | TfT, Sydney Metro, ER | Brownfield enabling works meetings |
| 12 Dec | DPE, ER | Monthly DPE compliance meeting |

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| 12 Dec | DPE | Quarterly AA catch up |
| 16 Dec | ERs | WTP OOHW Approvals |
| 19 Dec | ER, DPE | WTP OOHW Approvals |
| 20 Dec | ER, Sydney Metro | WTP OOHW Approvals |
| 22 Dec | DPE, Sydney Metro, ER | Monthly DPE post-approvals meeting |

Noise and vibration issues, incidents, recommendations

| Date | Contract / Location and details | |
|-------------|--|--|
| 1 December | The Bays, Five Dock and North Strathfield ER Inspections. Tonal alarm on excavator at Five Dock to be rectified. "Please minimise noise for our neighbours" type signs to be put up in amenities area, Five Dock. | |
| 21 December | WTP ER Inspection. Noise champion to be posted on Rosehill and Clyde MSF noticeboards. Rubber tyred, wheeled excavator in use at Clyde MSW to be investigated as a possible replacement for loud squeaky tracked excavator adjacent to Rosehill stables. | |
| 22 December | CTP ER inspections. Hydraulic hammer noise noted during 1100 to 1200 respite period. Reported due to maintenance. Crew reminded that respite includes no operation of the rock hammer, including for maintenance. | |

Examples of good practice in noise and vibration management

| Date | Contract / Location and details | |
|-------------|--|--|
| 8 December | Westmead ER Inspections, OOH Utilities works for High Voltage and Geotech investigations. Silent battery powered lighting plant in use; parked up truck switched off and not idling; squawker on excavator, which was not excessively loud; tail gate slams when unloading backfill avoided by unloading by excavator from the truck; noise from loading excavated materials into truck avoided by considerate handling of excavator. Good noise mat set up around Geotech drilling. | |
| 22 December | CTP ER inspection. Noise noted as a critical risk on Sydney Olympic Park noticeboard. Respite hours specified on noticeboard at The Bays. | |

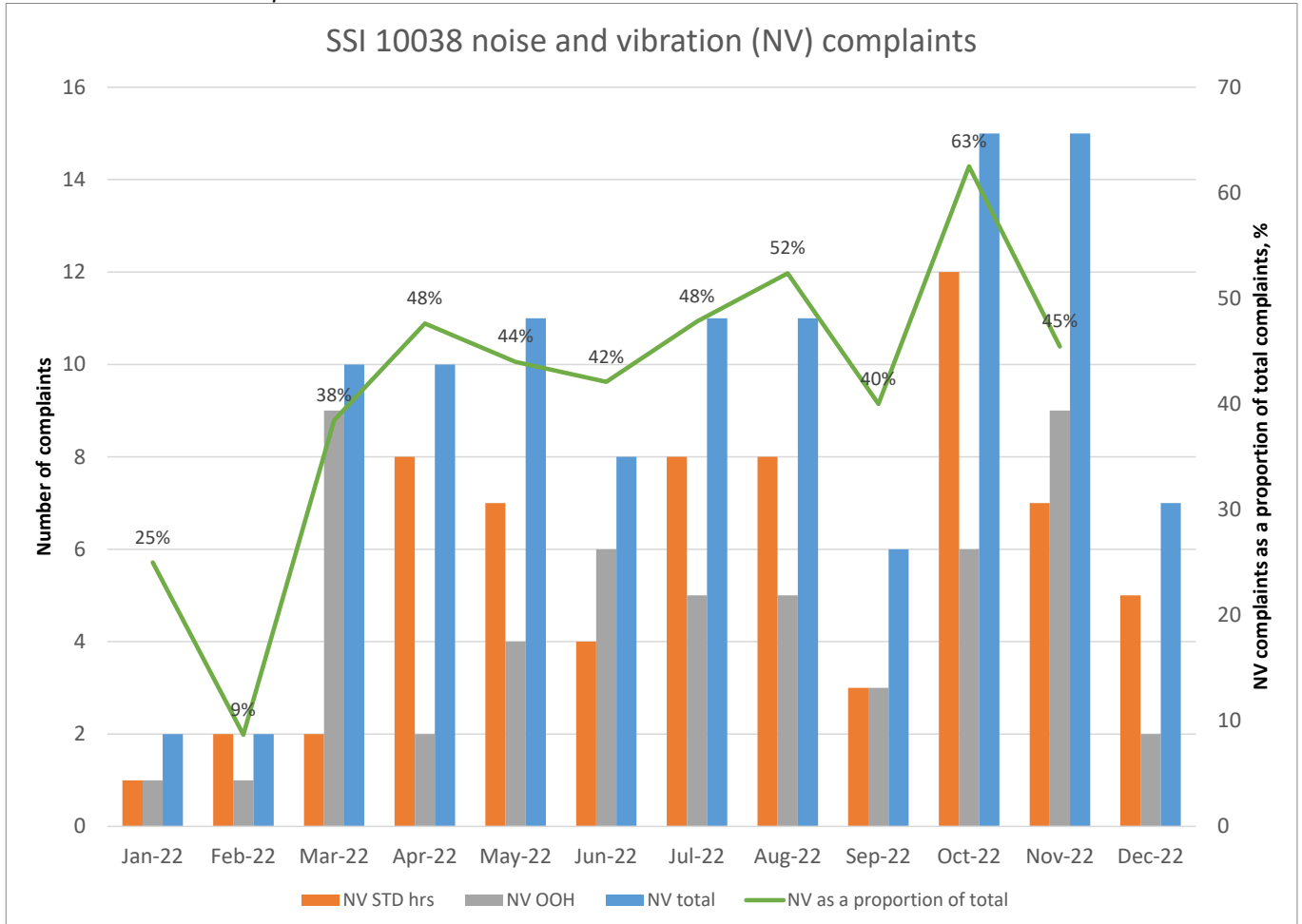
Notes

| Date | Contract / Location and details | |
|-------------|--|--|
| 1 December | Larry Clark presented a briefing at Burwood North pre-start toolbox talk on good practice in implementation of temporary noise barriers. The focus on temporary noise barriers follows comments raised by EPA during their OOH surveillance earlier in the year (although their comments weren't specifically focussed on Sydney Metro). | |

Noise and vibration complaints

Preliminary results, pending complete data: 7 noise and vibration complaints during December; 4 from Parramatta, 2 from Five Dock and 1 from Westmead.

Note: The chart shows noise and vibration (NV) complaints in standard hours and out of hours (OOH) periods. Some complaints relate to both time periods so the total number of NV complaints may be less than the sum of standard and OOH complaints.



Ongoing and upcoming noise and vibration risks

- Upcoming permanent pavement installation at Rozelle by Quickway, which triggers large numbers of Alternate Accommodation offers, taking place in early January.
- Ongoing construction near to the horse stables at Rosehill Gardens.