

ACOUSTICS ADVISOR MONTHLY REPORT

SYDNEY METRO WEST (SSI 10038 and SSI 19238057¹)

For period:	December 2023	Authorisation:	Dave Anderson, Acoustics Advisor
Prepared by:	Dave Anderson		
Date of issue:	12 January 2024		

Acoustics Advisor		Alternate Acoustics Advisor(s)	
Dave Anderson		Larry Clark, David Hanson and Sav Shimada	
Document review			
Document	Reviewed	Endorsed / approved	
Central Tunnelling Package (CTP), AFJV			
AFJV approved OOHW Permits	Y	N/A	
AFJV verification monitoring reports	Y	N/A	
Western Tunnelling Package (WTP), GLC			
Construction Noise and Vibration Management Plan, rev G	Y	10/1/24	
GLC verification monitoring reports	Y	N/A	
Westmead Utilities Relocation (WUR), Quickway			
OOH permit 002, rev 3	Y	19/12/2023	
OOH permit 003, rev 1	Y		
Eastern Tunnelling Package (ETP), JCG¹			
JCG verification monitoring reports	Y	N/A	
Minor Ancillary Facility, Union Street, Pyrmont	Y	N/A	
Hunter Street DNVIS rev 1	In progress		

Inspections / site visits		
Date	Location(s)	Details
12 December	Five Dock and Burwood	Larry Clark attended an OOH inspection (approx. 9pm to 1130pm)
	Opportunity discussed with contractor to optimise temporary noise barrier set-up at Five Dock	
13 December	Parramatta, Westmead, Sydney Olympic Park	Larry Clark joined ER inspection
	No issues raised	
13 December	Westmead: Utilities Relocation scope	David Hanson joined ER inspection
	Noisy vac truck identified. QW agreed to source a quieter machine.	
14 December	North Strathfield and Five Dock	Larry Clark joined ER inspection
	No issues raised	

Meeting		
Date	With	Purpose
5, 12, 19 December	Sydney Metro, JCGJV, ER	Weekly environment meeting, ETP
4, 11 December	AFJV, Sydney Metro, ER	Environment meeting, CTP
13 December	Sydney Metro, GLC, ER	Environment meeting, WTP
11 December	DPE, ER	Monthly meeting with DPE compliance
11 December	Sydney Metro, GLC, ATC	Fortnightly works status
(Not held in December)	DPE, Sydney Metro, ER, AA	Monthly meeting with DPE
14 December	Sydney Metro, Quickway, ER	Westmead Utilities Scope – Environment meeting

¹ Sydney Metro West Concept and Stage 1 (SSI 10038), *Sydney Metro West Stage 2: Bays to Sydney CBD (SSI 19238057) shown in italics*

Noise and vibration issues, incidents, recommendations

Date	Contract / Location and details
Ongoing	OOH compressor noise at Westmead exceeding NML – GLC continue to review and implement feasible and reasonable mitigation.

Examples of good practice in noise and vibration management

Date	Contract / Location and details
13 December	Westmead Utility Relocation, Quickway: Noise blankets erected around the whole vac truck, not just around the pothole being excavated.

Ongoing and upcoming noise and vibration risks

ETP:

- *Initial excavation starting soon at Pyrmont sites*
- *Structural demolition underway at Hunter Street sites*

CTP:

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WTP:

- Roadheader excavation at Westmead and Clyde
- 24/7 station box excavation to recommence 19 January at Parramatta

WUR:

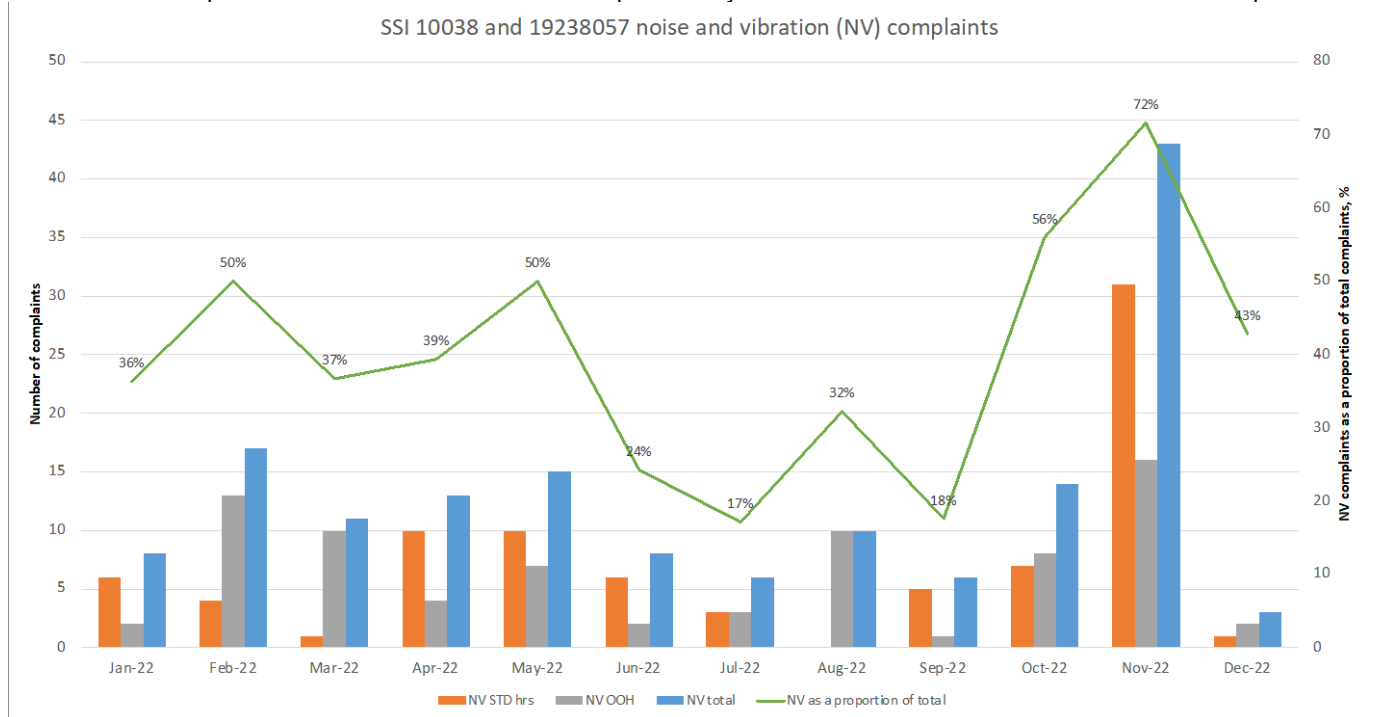
- Night works commencing under OOHW Permit 002 from Monday 15th January

Noise and vibration complaints

3 noise and vibration complaints attributed to Sydney Metro during December:

- 1 from Parramatta / Clyde regarding tunnelling (WTP)
- 1 from Five Dock regarding OOH noise from vehicles travelling over temporary road plates
- 1 from Pyrmont² regarding standard hours noise from Pyrmont West

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.



² Sydney Metro West Concept and Stage 1 (SSI 10038), Sydney Metro West Stage 2: Bays to Sydney CBD (SSI 19238057) shown in italics