

ACOUSTICS ADVISOR MONTHLY REPORT SYDNEY METRO WEST (SSI 10038 and SSI 19238057¹)

For period:	April 2023	Authorisation:	Dave Anderson, Acoustics Advisor
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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		
CNVMP Rev 9	Y	
Five Dock DNVIS Rev 6	Y	
Five Dock DNVIS Rev 5 addendum	Y	21/4/23
OOHW 248- Burwood Installation of Seat Bench and Tactiles	Y	6/4/23
OOHW 276- N Strathfield Line Marking	Y	6/4/23
OOHW-00272 N Strathfield Power Pole Installation & Connection	Y	6/4/23
OOHW-00273 N Strathfield Road, Footpath (etc) Restoration	Y	12/4/23
Western Tunnelling Package (WTP), GLC		
DNVIS Rev G	Y	3/5/23
CNVMP Rev E	Y	3/5/23
Eastern Tunnelling Package (ETP), JCG¹		
DNVIS for Pyrmont Station Rev 0	Y	13/4/23
DNVIS for Hunter Street Station Rev 0	Y	28/4/23

Inspections / site visits

Date	Location	Details
13 April	CTP Burwood North and The Bays	Larry Clark joined the ER inspection, with representatives from DPE compliance.
20 April	ETP Hunter Street (The Ivy)	Larry Clark witnessed nomination of real time monitoring locations
20 April	CTP Five Dock and North Strathfield	Larry Clark joined the ER inspection, with representatives from Sydney Metro and DPE compliance.
26 April	CTP Burwood North	Dave Anderson inspected OOH operation

Meetings

Date	With	Purpose
4, 11, 18 Apr ¹	Sydney Metro, JCGJV, ER	Weekly environment meeting, ETP
5, 19 Apr	Sydney Metro, GLC, ER	Environment meeting, WTP
3, 17, 24 Apr	AFJV, Sydney Metro, ER	Environment meeting, CTP
3, 17 Apr	Sydney Metro, GLC, ATC	Fortnightly works status
5 Apr	AA, Sydney Metro	WTP CNVMP and Monitoring Program
17 Apr	DPE, Sydney Metro, ER	Monthly meeting with DPE compliance
11 Apr	Sydney Metro, JCGJV	Pyrmont DNVIS briefing
12 Apr	Sydney Metro, JCGJV	D27 discussion
19 Apr	Sydney Metro, ER, GLC	Management of impacts at ATC

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

26 Apr	Sydney Metro, JCGJV	Hunter St DNVIS briefing
27 Apr	DPE, Sydney Metro, ER, AA	Monthly meeting with DPE post approvals and compliance

Noise and vibration issues, incidents, recommendations

Date	Contract / Location and details
13 April 2023	CTP Burwood North: discussion on representativeness of real-time noise monitoring location following construction of the acoustic shed. Issues related to possible relocation discussed.
20 April 2023	CTP Five Dock: AFJV to investigate changing reversing alarm on street sweeper from tonal to non-tonal. New shed noted adjacent to real time noise monitoring location. Subsequent discussion on implications and considerations in relation to relocation of monitor.

Examples of good practice in noise and vibration management

Date	Contract / Location and details
	(No new items this month)

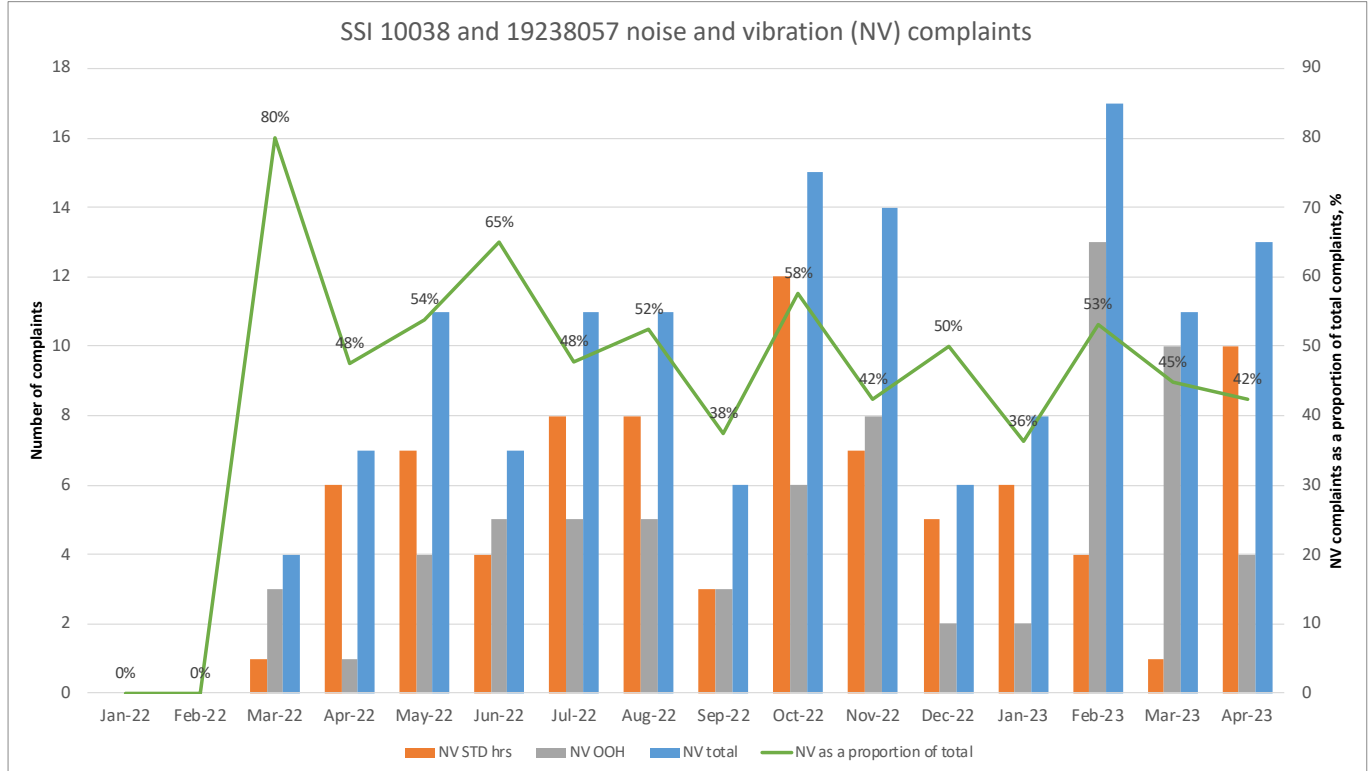
Notes

Date	Contract / Location and details
	(No new items this month)

Noise and vibration complaints

13 noise and vibration complaints attributed to Sydney Metro during April: 1 from Westmead, 1 from Clyde Dive, 1 from North Strathfield, 2 from Burwood North, 8 from Five Dock, and 1 from Pyrmont¹. The number and proportion of complaints about OOH noise reduced significantly this month, relative to the previous two months.

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

- Ongoing piling near to the horse stables at Rosehill Gardens.
- Vibration from diaphragm wall excavation at Parramatta (likely mid-year).
- Ongoing management of noise impacts at Five Dock.