Acoustics Advisor Monthly Report

ACOUSTIC STUDIO

SYDNEY METRO WEST

Stage 1 (SSI 10038), *Stage 2 (SSI 19238057*[1]) and Stage 3 (SSI 22765520[2])

For period:	February 2026	Authorisation:	Dave Anderson, Acoustics Advisor [redacted]
Prepared by:	Larry Clark, David Hanson, Aaron Miller		
Date of issue:	7 March 2026		

Acoustics Advisors		
Dave Anderson, Larry Clark, David Hanson, Aaron Miller and Sav Shimada		
Documents reviewed during the period		
Document	**Reviewed**	**Endorsed / approved**
Stage 1 – Phase B Central Tunnelling Package (CTP), AFJV		
-	-	-
Stage 1 – Phase F Western Tunnelling Package (WTP), GLC		
OOH TBM OSOM demobilisation noise monitoring reports	Y	N/A
Parramatta Concrete Supply Update to Main DNVIS	Y	19 February 2026
Parramatta Sewer Relining DNIS Scenarios Comparison	Y	16 February 2026
Westmead Shed Removal DNVIS	Y	Under review
Macquarie Lane Reinstatement DNVIS	Y	26 February 2026
JRD OOH tree removal noise monitoring reports	Y	N/A
Stage 2 – Phase G2 Eastern Tunnelling Package *(ETP), JCG*[1]		
Weekly real time unattended noise and vibration monitoring results Dec 25, Jan 26	*Y*	*N/A*
Hunter Street West OOH concrete pours DNVIS	*Y*	*Under review*
PYR East Union Street Concrete pour 15 January noise monitoring report	*Y*	*N/A*
PYR East Union Street Concrete pour 20, 22 January noise monitoring reports	*Y*	*N/A*
Stage 1 - Phase J (North Strathfield Utilities and Kiosk), Syscon		
OOHW Permit 1 rev. 6a	Y	10 February 2026
Stage 1 - Phase H2 (Five Dock Utilities Relocation), Quickway		
OOHW Permit 2 – Cutover Works	Y	19 February 2026
Stage 3[2] – Phase L (Rosehill Power Enabling Works), Quickway		
Rosehill DNVIS rev. 1	Y	20 February 2026
OOHW Permit 2	Y	24 February 2026
Stage 3 – Phase N (Line Wide Works - LWD), JHG		
-	-	-
Stage 3 – Phase O (Stations Package West), Gamuda		
LIW-01 - Inspection, Care and Maintenance at The Bays, Five Dock, Burwood North and North Strathfield	Y	N/A – approved by ER
Phasing Report Rev1.1	Y	N/A
CEMP rev. 0		In progress
CEMP Sub-plan Heritage Management Plan rev. 0		In progress
CEMP Sub-plan CNVMP rev. 0		In progress
CEMP Sub-plan CNVMonP rev. 0		In progress

[1] *Sydney Metro West Stage 2: Bays to Sydney CBD (SSI 19238057) shown in italics*

[2] Sydney Metro West Stage 3: Rail infrastructure, stations, precincts and operations (SSI 22765520) shown underlined

Inspections / site visits

Date	Location(s)	Details
3 February	*ETP Hunter Street, Pyrmont and The Bays.*	*Larry Clark joined ER inspection*
	No noise and vibration issues. Discussion on respite possibilities for child care centre above cross passage 3.	
4 February	WTP Parramatta and Westmead	Larry Clark joined ER inspection
	Discussion on upcoming DNVISs. Discussion on relocation of eastern boundary site hive real time noise monitor	
5 February	*ETP XP 2 GBN Monitor*	*Larry Clark witnessed GBN monitoring*
	No hammering heard or felt in background level of 30 to 35dBA	
10 February	*ETP Hunter Street, and HSE vibration monitors viewing*	*Larry Clark joined ER inspection*
	Electric crawler crane established on HSE. Viewed vibration monitors at [redacted]	
11 February	WTP Clyde Dive	Larry Clark joined ER inspection
	Discussion on upcoming WTP DNVISs; works along ATC boundary.	
12 February	CTP Burwood North, North Strathfield, Sydney Olympic Park	Larry Clark joined ER inspection
	No noise and vibration issues.	
12 February	Five Dock Utilities Relocation	David Hanson joined ER inspection at Five Dock
	Photo looking west along Second Ave Five Dock showing the minor works underway to prepare for the cutover in March 	
17 February	*ETP Hunter Street and Pyrmont*	*Larry Clark joined ER inspection*
	Hammering observed near HSE northern boundary – data for that time from vibration monitors presented at that afternoon's weekly meeting.	
18 February	WTP Parramatta and Westmead	Larry Clark joined ER inspection
	Eastern boundary site hive real time noise monitor reinstated. Noise mats around compressor and east stairs to be tidied.	
19 February	*ETP Hunter Street East*	*Larry Clark and Aaron Miller observed the Tower Crane retrieval of a TBM gantry. DPHI attended.*
	Tower crane (noise attenuated) observed to be relatively quiet - audible when listened for with the engine at high revs and under load during the lift.	
20 February	*ETP Cross Passage 4*	*Larry Clark witnessed groundborne noise monitoring*
	No hammering heard or felt in background level of 27 to 28dBA	
25 February	WTP Rosehill, Metro Stabling Facility, Clyde Dive	Larry Clark joined ER inspection
	Discussion on daytime, with respite hours, hydroblasting of concrete slab above heritage sewer, and; discussion on vibratory roller compaction adjacent to ATC boundary.	

Inspections / site visits

Date	Location(s)	Details
19 February	North Strathfield Utilities and Kiosk	David Hanson joined OOHW inspection during Ausgrid cutover works
	Works occurred at the corner of Warath and Queen Streets, and at the corner of Beronga and Queen Streets	

Meetings

Date	With	Purpose
9 February	DPHI, ER	Monthly Compliance Meeting
26 February	SM, ER	SMW Stage 3 OOHW Tool Training
9, 23 February	Sydney Metro, GLC, ATC	Fortnightly briefing on works status
4, 18 February	Sydney Metro, ER, Quickway	Five Dock Utility Relocation Enviro and Approvals meeting
10, 24 February	Sydney Metro, ER, Quickway	Rosehill Power Enabling Works Environment Meeting
12, 26 February	AFJV, Sydney Metro, ER	Environment meeting, CTP
3, 10, 17, 24 February	*Sydney Metro, JCGJV, ER*	*Weekly environment meeting, ETP*
4, 18 February	Sydney Metro, GLC, ER	Environment meeting, WTP
2, 9, 16, 23 February	Sydney Metro, ER, Syscon	Phase J Nth Strathfield Enviro and Approvals meeting
24 February	Sydney Metro, ER, JHG	Phase N Line Wide Works (LWD) Enviro and Approvals meeting
25 February	Sydney Metro, ER, JHG	Phase N LWD Phasing Report ER's review
26 February	DPHI, ER	Monthly Post Approvals Meeting
13 February	Sydney Metro, ER, Gamuda	SPW Phase O LIW & CEMP Strategy
19, 24 February	Sydney Metro, ER, Gamuda	Weekly environment meeting, SPW
23 February	Sydney Metro, ER, Gamuda	SPW Phase O Management Plan Briefings
27 February	Sydney Metro, ER	SPW CEMP Review Schedule

Noise and vibration issues, incidents, recommendations

Date	Contract / Location and details
5, 13 February	Phase J (North Strathfield Utilities and Kiosk): NC02 and 03 issued in February relating to (respectively) incorrect AMMs offered for OOHW conducted in January, and insufficient notice of OOHW. NC02 was discussed in our January report. NC03 occurred as a result of Ausgrid bringing forward the date of their cutover works by one week. Sydney Metro comms responded as quickly as possible to notify affected residents. No complaints and positive feedback received from residents regarding Sydney Metro communications team.

Examples of good practice in noise and vibration management

Date	Contract / Location and details
17 February	*ETP* [redacted]

Current Works
ETP: • *Hunter Street: shaft excavation by day, ongoing OOH tunnelling support works at Hunter Street East.* • *Tunnelling support at Pyrmont* • *Tunnelling and cross passages support at The Bays.*
CTP: • All CTP sites are now demobilised and handed over. Tunnel maintenance and site security ongoing.
WTP: • Westmead: TBM disassembly and removal; ongoing tunnel works; preparation for shed demolition. • Parramatta: Station box excavation and tunnell works. • Clyde Dive: tunnel equipment demob; perimeter fencing, earthworks • Rosehill: ongoing tunnel and cross passage works; surface structures demolition • Metro Stabling Facility: final landform earthworks. No OOHW
Utilities packages: • Five Dock: all cable re-routing works now completed. Only outstanding scope is to remove poles and connect power (Ausgrid), scheduled for early March. • Rosehill: no construction works in February – commencement of construction in first week March. • North Strathfield: cutover works completed in February. Only remaining works are Ausgrid commissioning and pole removal, then permanent restoration of footpaths which will be done by Council at their discretion (Syscon has completed temporary restoration works).

Upcoming works and discussion of risks
ETP: • *Hunter Street: Potential construction noise fatigue with works seven days per week (including Sunday) under CoA D39 respite agreement. Potential cumulative impact from Milligans development.*
CTP: • Negligible current risk.
WTP: • Haul road removal and other works, including fencing, along Clyde Dive ATC boundary adjacent to stables. Being managed by regular meeting with ATC.
Utilities packages: • Five Dock: Construction nearly completed - night works scheduled for March 2026 to close out scope. Some high noise levels predicted and potential construction noise fatigue of this community adjacent to the Five Dock East site. Quickway observed to be managing the works well to date, including noise mitigation and good-neighbour practices. Sydney Metro handling community engagement. • Rosehill: works mainly through industrial area. Almost all works will be below NML at ATC and nearest residential receivers. • North Strathfield: pole removal following Ausgrid switchboard commissioning.
Stations Package West: • Gamuda to take control of sites from 31/3/2026, then low impact works (care & maintenance) to commence.

Monitoring data

Nth Strathfield: attended noise monitoring by Acoustics Advisor on 19th February during OOHW inspection. 56dBA was recorded at boundary of closest residence to diesel lighting tower, confirming sound power level assumed in DNVIS.



Noise and vibration complaints

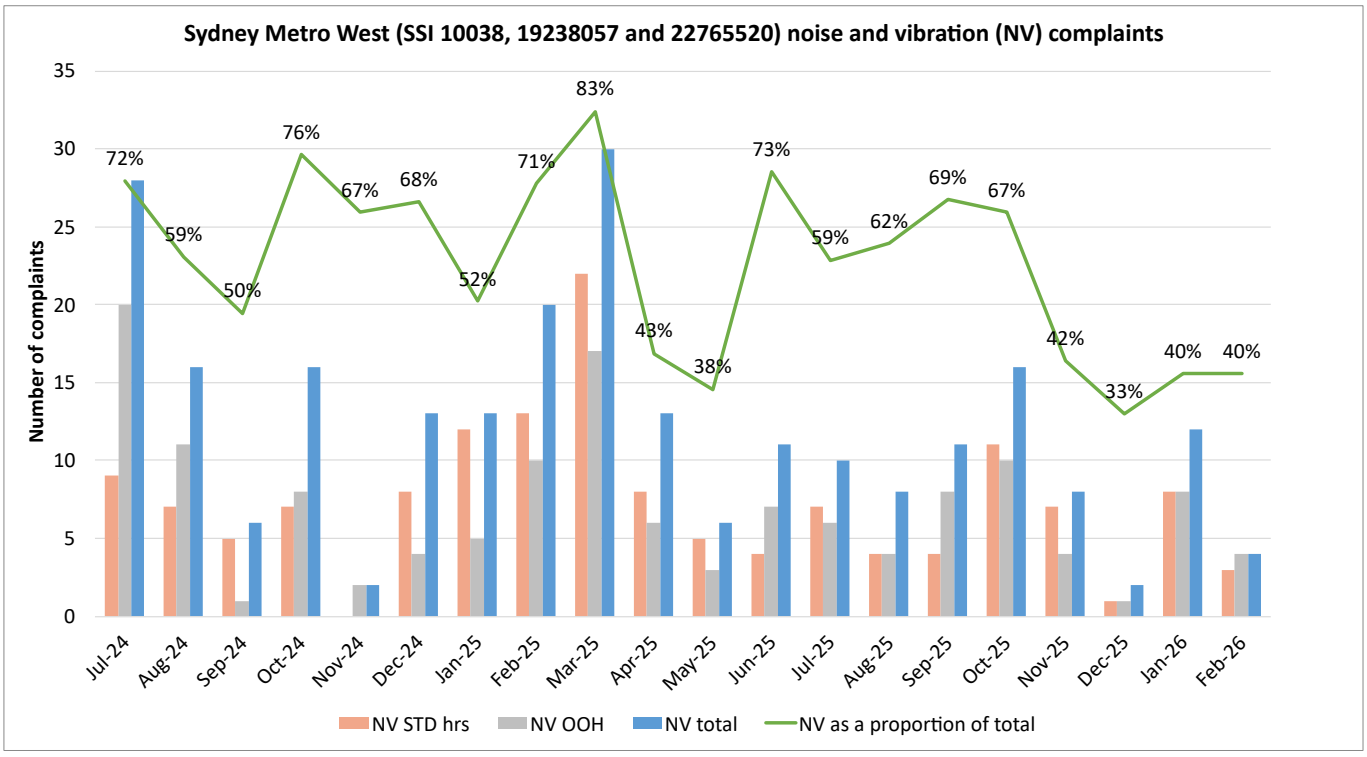
There were 4 registered noise and vibration complaints attributed to Sydney Metro in February:

- 1 from Hunter St covering both standard hours and out-of-hours works, in relation to the ancillary facility and concrete pours.
- 3 from Pyrmont comprising 1 out-of-hours and 2 relating to both periods. The Pyrmont complaints related to the large scale concrete pours underway and utility works.

The overall number of complaints remains relatively low by historical standards.

Location / activity	Standard hours	Out of hours	Both standard and out of hours	Total
Westmead				
Parramatta				
Clyde / Rosehill				
Sydney Olympic Park				
North Strathfield				
Burwood North				
Five Dock				
The Bays				
Pyrmont		*1*	*2*	*3*
Hunter Street			*1*	*5*
Tunnelling ETP CTP WTP				
Total	**0**	**1**	**3**	**4**

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 shown here may be less than the sum of standard and OOH complaints.



Declaration

I certify that:

- this report has been prepared for the NSW Department of Planning, Housing and Infrastructure, in accordance with the Acoustics Advisor Protocol and is accurate at the date of issue
- the proponent has provided me with all the information I requested to allow me to prepare this report
- there are no matters that have impaired the objectivity of this report.

Dave Anderson, Acoustics Advisor

