ACOUSTICS ADVISOR MONTHLY REPORT

SYDNEY METRO WEST - Stage 1 (SSI 10038), *Stage 2* (*SSI 19238057*[1]) and Stage 3 (SSI 22765520[2])

For period:	November 2025	Authorisation:	Dave Anderson, Acoustics Advisor
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Date of issue:	7 December 2025		

Acoustics Advisors		
Dave Anderson, Larry Clark, David Hanson, Aaron Miller and Sav Shimada		
Document review		
Document	**Reviewed**	**Endorsed / approved**
Stage 1 - Central Tunnelling Package (CTP), AFJV		
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Stage 1 - Western Tunnelling Package (WTP), GLC		
Westmead Heavy Vehicles exit via Hassall St DNVIS	Y	17 November 2025
Parramatta concrete supply noise monitoring results	Y	N/A
Stage 2 - Eastern Tunnelling Package *(ETP), JCG*[1]		
Weekly real time unattended noise and vibration monitoring results Sep, Oct	*Y*	*N/A*
Hunter St DNVIS rev. 6	*Y*	*Under review*
TBM Demob DNVIS Rev 5	*Y*	*14 November 2025*
Stage 1 - Phase J (North Strathfield Utilities and Kiosk), Syscon		
Detailed Noise and Vibration Impact Statement	Y	
Construction Noise and Vibration Management Plan	Y	3 November 2025
Construction Environment Management Plan	Y	N/A
OOHW Application 3	Y	28 November 2025
Stage 1 - Phase H2 (Five Dock Utilities Relocation), Quickway		
Detailed Noise and Vibration Impact Statement	Y	14 November 2025
Stage 3[2] – Phase L (Rosehill Power Enabling Works), Quickway		
Quickway noise monitoring reports from LIW	Y	N/A
Quickway Minor Ancillary Facility Memo	Y	N/A

[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**
5 November	WTP Rosehill, Metro Stabling Facility, Clyde Dive	Larry Clark joined ER inspection
	Discussions on: hammer demolition of spoil shed and application of respite hours; observation of hammering noise from nearby Sydney Water site; not hammering shaft capping beam on Saturday race day; vibration monitoring at Sydney Water stormwater pipe during haul road removal together with pre- and post-dilapidation surveys; generator panels to be closed when operated OOH.	
11 November	*ETP Hunter Street and Pyrmont Sites*	*Larry Clark joined ER inspection*
	[redacted]*, and discussion on non-hammer demolition of large pile in the north west corner.*	
12 November	WTP Parramatta, Westmead	Larry Clark joined ER inspection
	DPHI in attendance. Discussions on: OOH concrete pours at Parramatta (early setup of pump); TBM vent fans no longer operating; horn signalling during concrete pour; noise mats around archaeological area for saw cutting; quiet solar / battery lights for pedestrian walkway; TBM dismantle within station box and acoustic shed at Westmead.	
13 November	CTP Burwood North, North Strathfield, Sydney Olympic Park	Larry Clark joined ER inspection
	Discussions on: maintenance works at BWT of mobile crane on the surface to lift a vac truck in and out of the station box for cleaning out drains.	
18 November	*ETP Hunter Street, Pyrmont and The Bays Sites*	*Larry Clark joined ER inspection*
	Discussions on: non-hammer demolition by coring, wire cut and pull down onto rubble bed of large corner pile; light rail shut down for footpath works by Council adjacent to Hunter St west; watching brief on potentially noisy concrete wash out at PYR E, which cannot be done via the pump and supply line to the shaft; tonal vac truck at TBY but not operating OOH.	
19 November	WTP Rosehill, Metro Stabling Facility, Clyde Dive	Larry Clark joined ER inspection
	DPHI in attendance. Discussions on: Cross Passage works; data centre and Sydney Water projects works near by; tonal alarm on 4WD forklift – to be addressed; on-siting, and some sound power level, stickers on plant; low RBL and NML at CLJ due to assessment location removed from the influence of traffic on James Ruse Drive but addressed by good noise management; new vac truck without annoying noise characteristics; quiet solar walkway lighting.	
25 November	*ETP Hunter Street and Pyrmont sites*	*Aaron Miller joined ER inspection*
	General inspection of Hunter Street and Pyrmont sites. Concrete deliveries have changed: instead of going down the ramp the concrete trucks are now delivering to the upper steel deck. Hammering works that were subject to complaints are now completed on the northern wall. Truck was identified with squealing brakes, JCG to follow up. Some third party works on footpath next to ancillary site at Hunter Street West, could be mistakenly attributed to Sydney Metro. Tower crane not yet installed at Hunter Street East. Works continuing at Pyrmont, temporary noise barriers around concrete pumps in the Union Street work area have been constructed.	
26 November	*ETP Hunter Street and Pyrmont sites*	*Dave Anderson carried out OOH inspection*
	Pyrmont, 10pm: no issues. No segment deliveries underway at the time. Sites operating but doors closed, no raised voices, no discernible impact noise etc. *Hunter Street, 10.45pm: no issues. No concrete deliveries underway at the time but expected after 1am at East site. Steady noise audible from site but within NMLs. No raised voices, no discernible impact noise etc West site not operating.*	

Meetings		
Date	**With**	**Purpose**
3, 17 November	Sydney Metro, GLC, ATC	Fortnightly works status
10 November	DPHI, ERs	Monthly meeting with DPHI Compliance
27 November	DPHI, ERs	Monthly meeting with DPHI Post Approvals

Meetings

Date	With	Purpose
12, 26 November	Sydney Metro, ER, Quickway	Five Dock Utility Relocation Enviro and Approvals meeting
5, 21 November	Sydney Metro, ER, Quickway	Rosehill Power Enabling Works Environment Meeting
13 November	AFJV, Sydney Metro, ER	Environment meeting, CTP
6, 11, 18, 25 Nov	*Sydney Metro, JCGJV, ER*	*Weekly environment meeting, ETP*
12, 26 November	Sydney Metro, GLC, ER	Environment meeting, WTP
3, 10, 17, 24 Nov	Sydney Metro, ER, Syscon	Phase J Nth Strathfield Enviro and Approvals meeting

Noise and vibration issues, incidents, recommendations

Date	Contract / Location and details
4 November	*Note: safety, not noise and vibration, incident: ETP / HSS:* [redacted]*. Notified, and incident report sent, to DPHI on 12 November. Demolition works were stopped and the JCG Project Manager and Area Manager inspected the Site and found that there was minimal adhesive on the back of the tile. An additional vibration monitor was installed in the* [redacted]*. Saw cutting of the strip footing was undertaken on the 6th November to mitigate the transmission of vibration to* [redacted]*. Hammering in this area of the site was paused. However on 7 November* [redacted]

Examples of good practice in noise and vibration management

Date	Contract / Location and details
24 November	Quickway completed works in closest proximity to receivers at Five Dock without complaints. Ensured bins belonging to homes inside traffic control area were collected by Council.

Ongoing and upcoming noise and vibration risks

ETP:

- *Potential construction noise fatigue at Hunter Street with works seven days per week (including Sunday) under CoA D39 respite agreement. JCG understood to be managing the situation with ongoing consultation and discussions with stakeholders.*
- *Hunter Street: shaft excavation by day, ongoing OOH tunnelling support works at Hunter Street East. Potential cumulative impact from Milligans development and City of Sydney street works adjacent to Hunter Street West.*
- *24/7 scopes at Pyrmont, including overnight concrete pours (4 nights).*

CTP:

- All CTP sites are now demobilised and handed over noting that the final surface site handover was achieved at Five Dock on 12 May 2025.

WTP:

- Haul road removal and other works, including fencing, along Clyde Dive ATC boundary adjacent to stables.

Utilities packages:

- Five Dock: Construction to continue with night works commencing in February 2026. 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. Sydney Metro handling community engagement.
- Rosehill: works mainly through industrial area. All works predicted to be <NML at ATC and nearest residential receivers.
- North Strathfield: Construction commencing first weekend in December.

Noise and vibration complaints

There were 10 registered noise and vibration complaints attributed to Sydney Metro during November, encompassing 8 complaints related to Hunter Street and 2 to Westmead:

Location / activity	Standard hours	Out of hours	Both standard and out of hours	Total
Westmead	1		1	
Parramatta				
Clyde / Rosehill				
Sydney Olympic Park				
North Strathfield				
Burwood North				
Five Dock				
The Bays				
Pyrmont				
Hunter Street	*5*	*3*		
Tunnelling ETP CTP WTP				
Total	**6**	**3**	**1**	**10**

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.

