





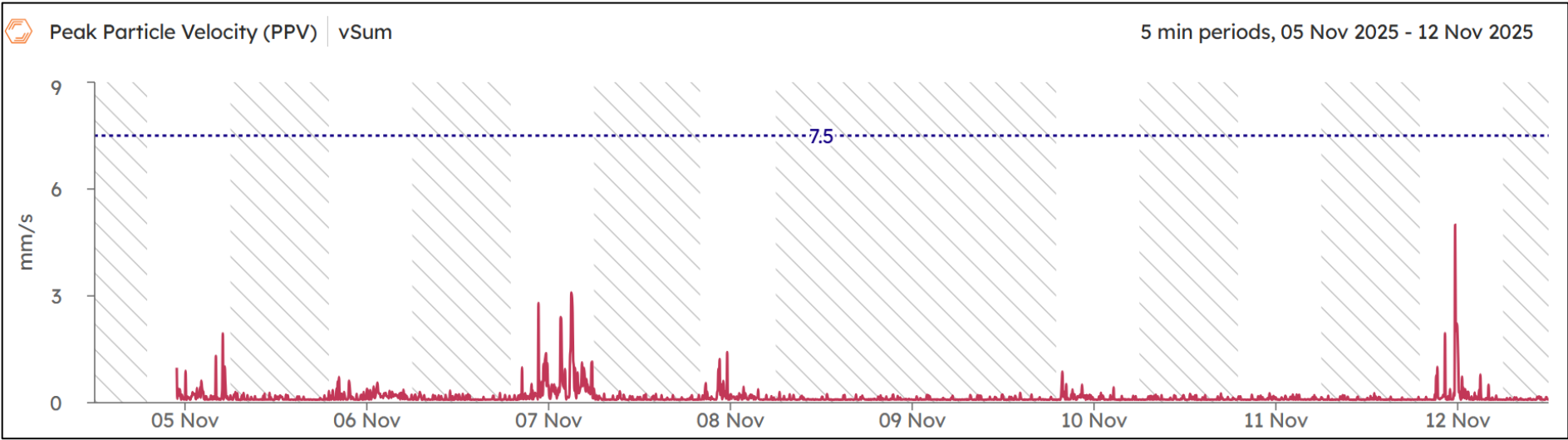


Water Monitoring Data - Monthly Summary											
Month and Year	November 2025										
Project	Sydney Metro SWM3										
EPL License No.	21147										
EPL Weblink	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21147&amp;id=21147&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21147&amp;id=21147&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>										
Specific EPL monitoring conditions	M2 - Requirement to monitor concentration of pollutants discharged										
Monitoring Location	Number of times monitored during the month	Event based monitoring (Y/N)	Parameter e.g. TSS, pH	Unit eg. mg/L	Minimum value for month	Maximum value for month	Allowable Maximum limit	Allowable Minimum limit	Comment		
SWM3 Monitoring Points	0	N/A	NA	NA	NA	NA	NA	NA	NA		

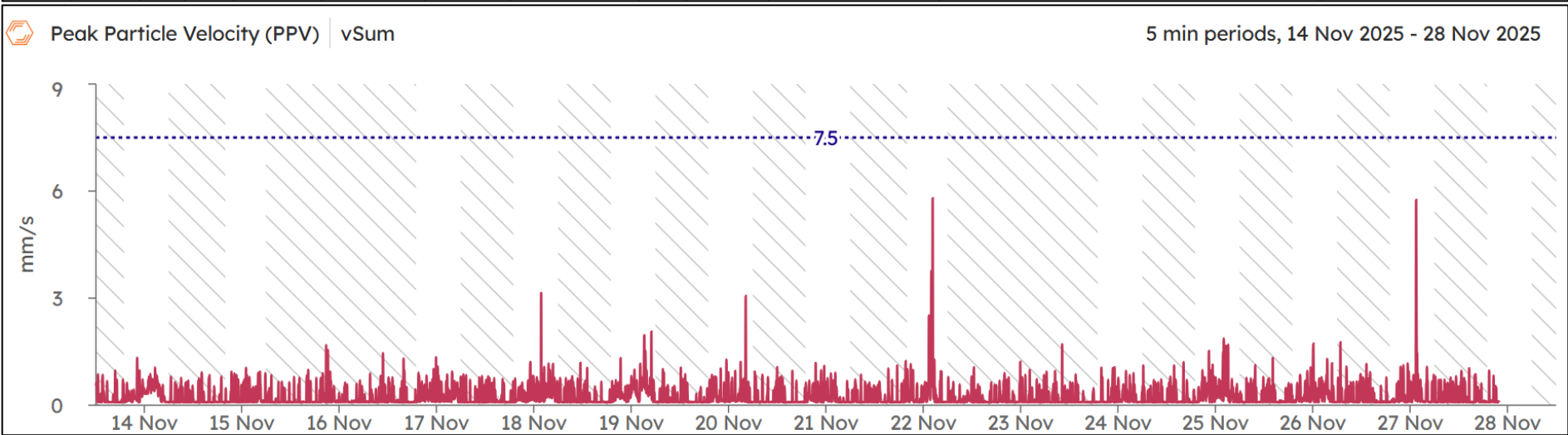
Noise Monitoring Data - Monthly Summary			
Month and Year	November 2025	 	
Project	Sydney Metro SWM3		
EPL license No.	21147		
EPL Weblink	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21147&amp;id=21147&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21147&amp;id=21147&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=Issued</a>		
Specific EPL monitoring conditions	M7.1 - Noise monitoring Appendix A- EPL R4.4 Validation Report		

Vibration Monitoring Data - Monthly Summary				
Month and Year	November 2025			
Project	Sydney Metro SWM3			
EPL license No.	21147			
EPL Weblink	<a href="https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21147&amp;id=21147&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=issued">https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=21147&amp;id=21147&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;prp=no&amp;status=issued</a>			
Specific EPL monitoring conditions	M7.2 - Vibration monitoring			

Start Date	Finish Date	Start Time	Finish Time	Type of Monitoring (Complaint/New Activity/Inquiry)	Sensitive Receiver/Address of monitoring location	Distance to activity (m)	Key activity occurring including plant list.	Criteria	Compliance target	Observed Vibration	Notes	Link to Vibration File/File Number	
(08)05/11/25	12/11/2025			Continues Monitoring	New Activity	South Side of Foord Ave Bridge , country side of Hurlstone Park Station	5m	Piling for OHCB (Overhead Crash Beam)	PPV	<7.5mm/s	Peak Vibration Value observed on 12 November at 11:40  The peak vibration measured as 4.994mm/s	Continues monitoring during piling (south side) for Overhead Crash Beam. Monitor at 5m from the auguring. Monitor is placed alongside the brick column of the bridge at the closest place to the piling.  Monitoring covers the whole period of piling.	Site Hive Monitoring Device: VIB-000449 Site Hive Monitoring Point: NCA03_Foord St Vib



Start Date	Finish Date	Start Time	Finish Time	Type of Monitoring (Complaint/New Activity/Inquiry)	Sensitive Receiver/Address of monitoring location	Distance to activity (m)	Key activity occurring including plant list.	Criteria	Compliance target	Observed Vibration	Notes	Link to Vibration File/File Number
(09) 14/11/25	28/11/2025	Continues Monitoring		New Activity	North Side of Foord Ave Bridge , country side of Hurlstone Park Station	5m	Piling for OHCB (Overhead Crash Beam)	PPV	<7.5mm/s	Peak Vibration Value observed on 22 November at 14:20  The peak vibration measured as 5.797mm/s	Continues monitoring during piling (northth side) for Overhead Crash Beam. Monitor at 5m from the auguring. Monitor is placed alongside the brick column of the bridge at the closest place to the piling.  Monitoring covers the whole period of piling.	Site Hive Monitoring Device: VIB-000449 Site Hive Monitoring Point: NCA03_Foord St Vib





# Appendix A- EPL R4.4 Validation Report

# EPL 21147

## R4.4 Validation Report

### SWM3 2025 WE/WK15

R4.4 Sydney Metro Possession (WE18, 02 to 05 November 2025) &  
Local Area Works (WK18, 01 to 03 November 2025)

#### Document and Revision History

Document Details	
<b>Title</b>	R4.4 Validation Report
<b>Client</b>	Sydney Metro City & Southwest
<b>JHLOR JV contract no.</b>	K44

#### Revisions

Revision	Date	Description	Prepared by	Reviewed by
01	13/11/2025	Prepared for R4.4	Ted Zhang	Lucas Dobrolot

#### Management reviews

Review date	Details	Reviewed by

Controlled: NO Copy no.: Uncontrolled: YES

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1. Confirmation that the equipment used to undertake the works was as specified in the relevant Construction Noise and Vibration Impact Assessment (CNVIA) for the worksite .....	3
2. A copy of the community notification required under Condition L5.11 .....	4
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## Introduction

This validation report has been prepared in accordance with EPL 21147 Condition R4.4 for out-of-hour works carried out between 1<sup>st</sup> to 5<sup>th</sup> November, detailed noise activities are below:

Low Impact Works (L5.1) – 2<sup>nd</sup> November 0800 to 1800 in Weekend 18 (WE18)

- Site access 0600 to 0800 Saturday & Sunday (pre-start, vehicle movement, set up, some low impact work)
- Protection Screen Door (PSD) & Mechanical Gap Filler (MGF) Testing Works
- Testing and commissioning equipment
- Track inspection

Low Impact Works (L5.1) – 3<sup>rd</sup> to 5<sup>th</sup> November 1800 to 0700 in Week 18 (WK18)

- Lakemba Station and Punchbowl Station water proofing

Possession Works (L5.5) - 2<sup>nd</sup> November 0800 to 1800 in WE18

- Platform finishes
- Tiling & Glazing installation

Occurred during possession on Sydney Metro's track (between Sydenham Station to Bankstown Station). Works were carried out under Condition L5.5 - Local Possessions.

Local Area Works (L5.6)

- Lilian Street, Campsie – 1<sup>st</sup> and 2<sup>nd</sup> November 1800 to 0800 in WE18
  - 33kv HV cable and pole removal
- Ness Avenue, Dulwich Hill - 2<sup>nd</sup> November 0800 to 1800 in WE18
  - Over Head Protecting Beam (OHPB) construction
- Victoria Track Bridge, Sydenham – 3<sup>rd</sup> November 2200 to 0700 in WK18
  - Bridge inspection

Works were carried out under Condition L5.6 - Local Area and Utility Works.

Refer to **Attachment 1** for monitoring results.

**R4.4(a) For activities permitted under Condition L5.5 & L5.6, a validation report must be submitted to the EPA that includes the following detail:**

1. **Confirmation that the equipment used to undertake the works was as specified in the relevant Construction Noise and Vibration Impact Assessment (CNVIA) for the worksite**

The assessment prepared for the works included modelling based on Sound Power Level for the following plant and equipment:

- Station Works
  - Powered hand tool
  - Generators
- PSD & MGF Testing and commissioning works
  - Hand tool
- Over Head Protecting Beam (OHPB) construction
  - Excavator
  - Hydremas/Mini hydremas
  - Powered hand tool
- Water Proofing

- 
- Hand tool
  - HV Removal
    - Powered hand tool
    - Chain saw
    - EWP
  - Bridge Inspection
    - EWP

## 2. A copy of the community notification required under Condition L5.11

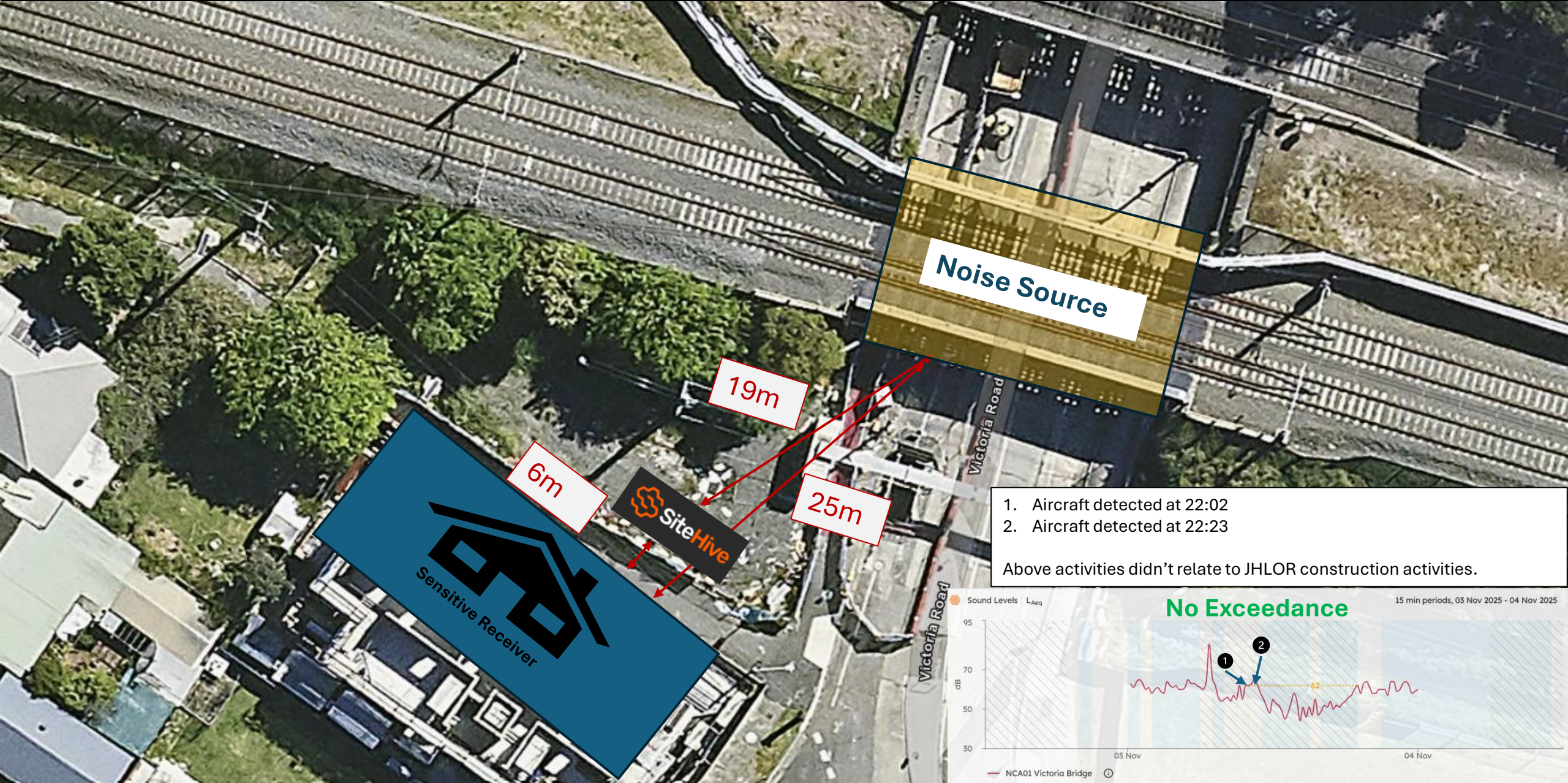
A copy of the community notification required under Condition L5.11 is appended as **Attachment 2**.

## 3. Noise monitoring as required by L5.7(d)

**WE/WK18** works noise monitoring was carried out at the following locations along the project corridor.

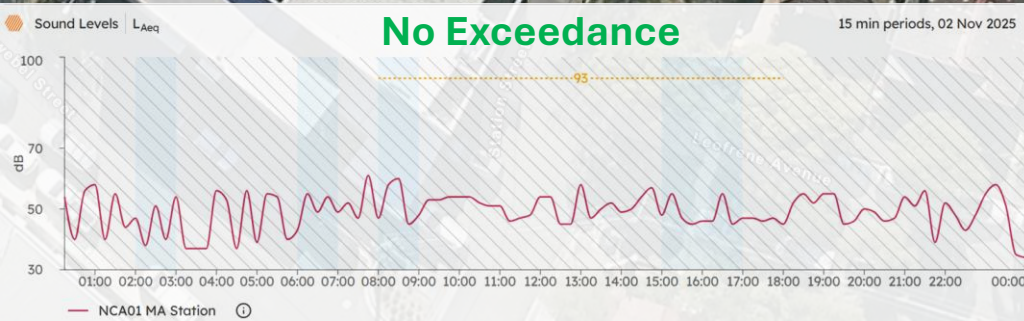
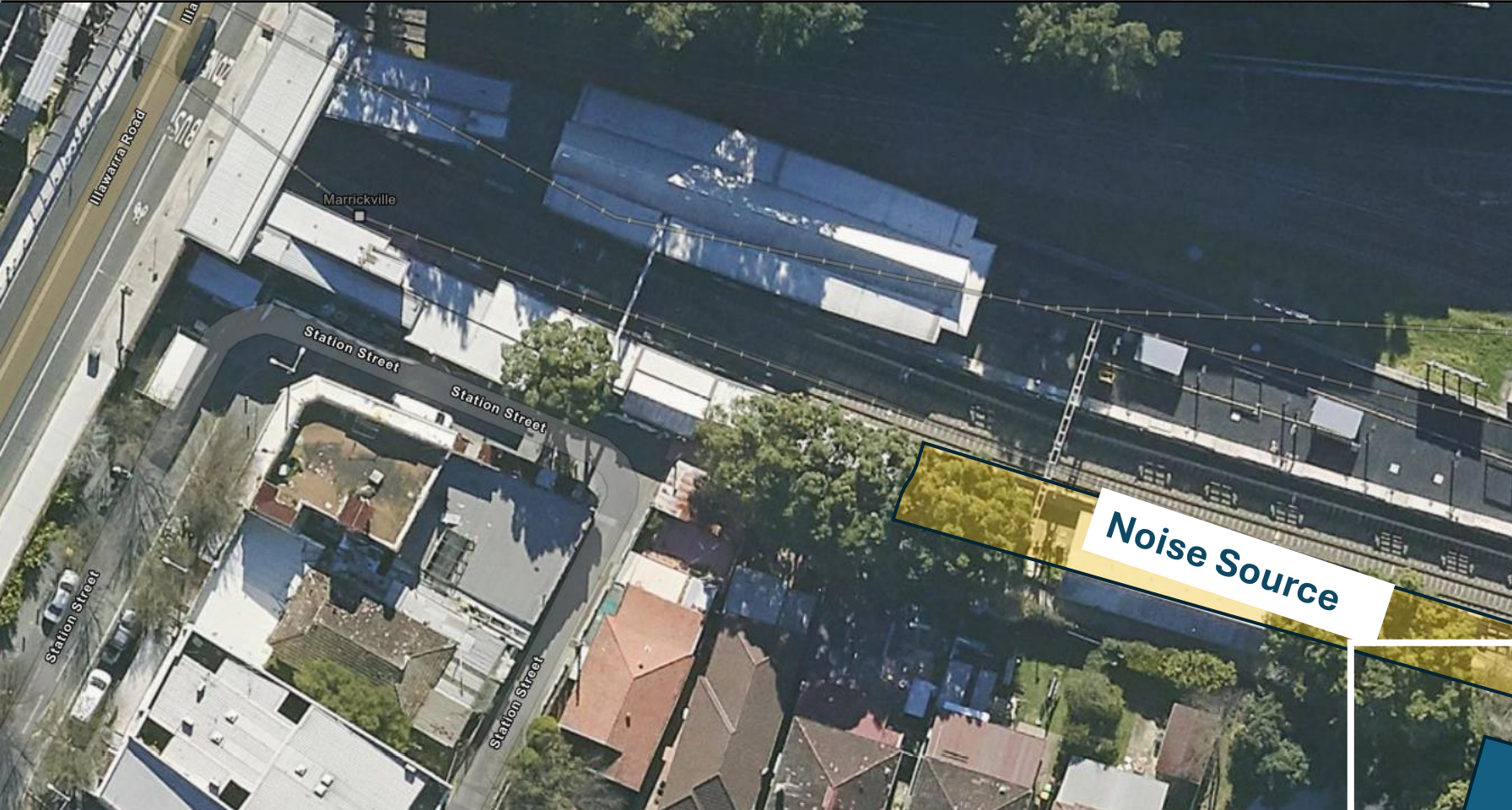


NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SK to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA01	HEX-000760	NCA01 Victoria Bridge	1 Charlotte Avenue	6	25	19	60	62	WK18	3/11/2025	P2	Mon-Fri (2200-0700)	33	29	27	M & R0



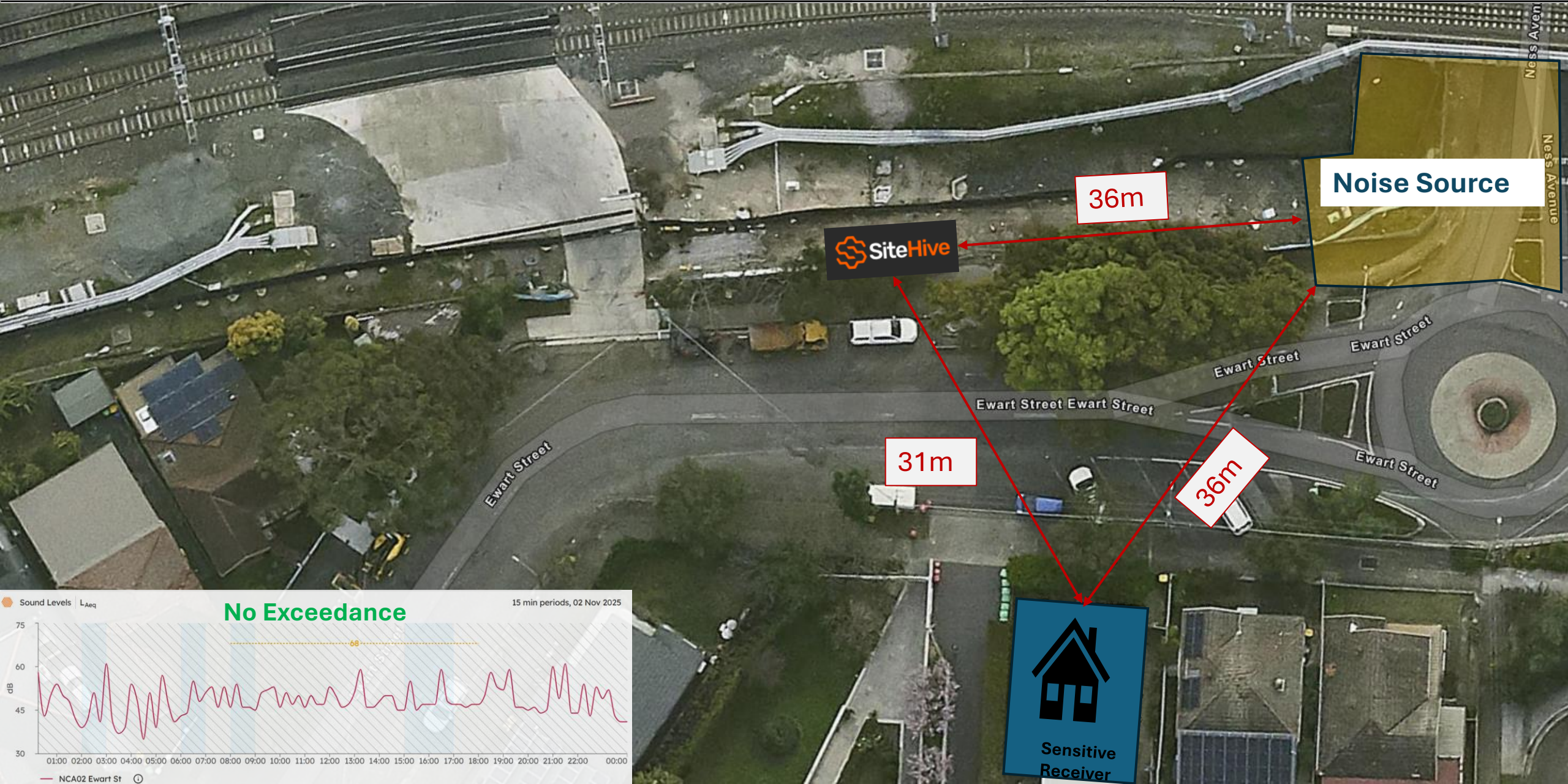


NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SR to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA01	HEX-000421	NCA01 MA STATION	15 Leofrene Avenue	4	5	1	79	93	WE18	2/11/2025	P1	Sun/Pub Ho1 (0800-1800)	38	55	41	RO



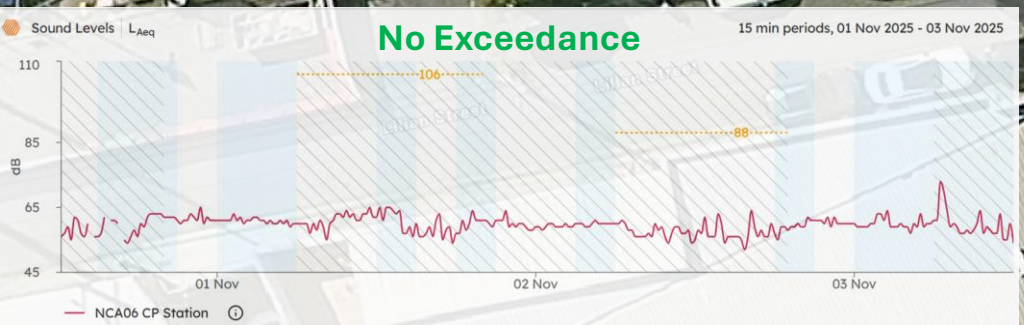
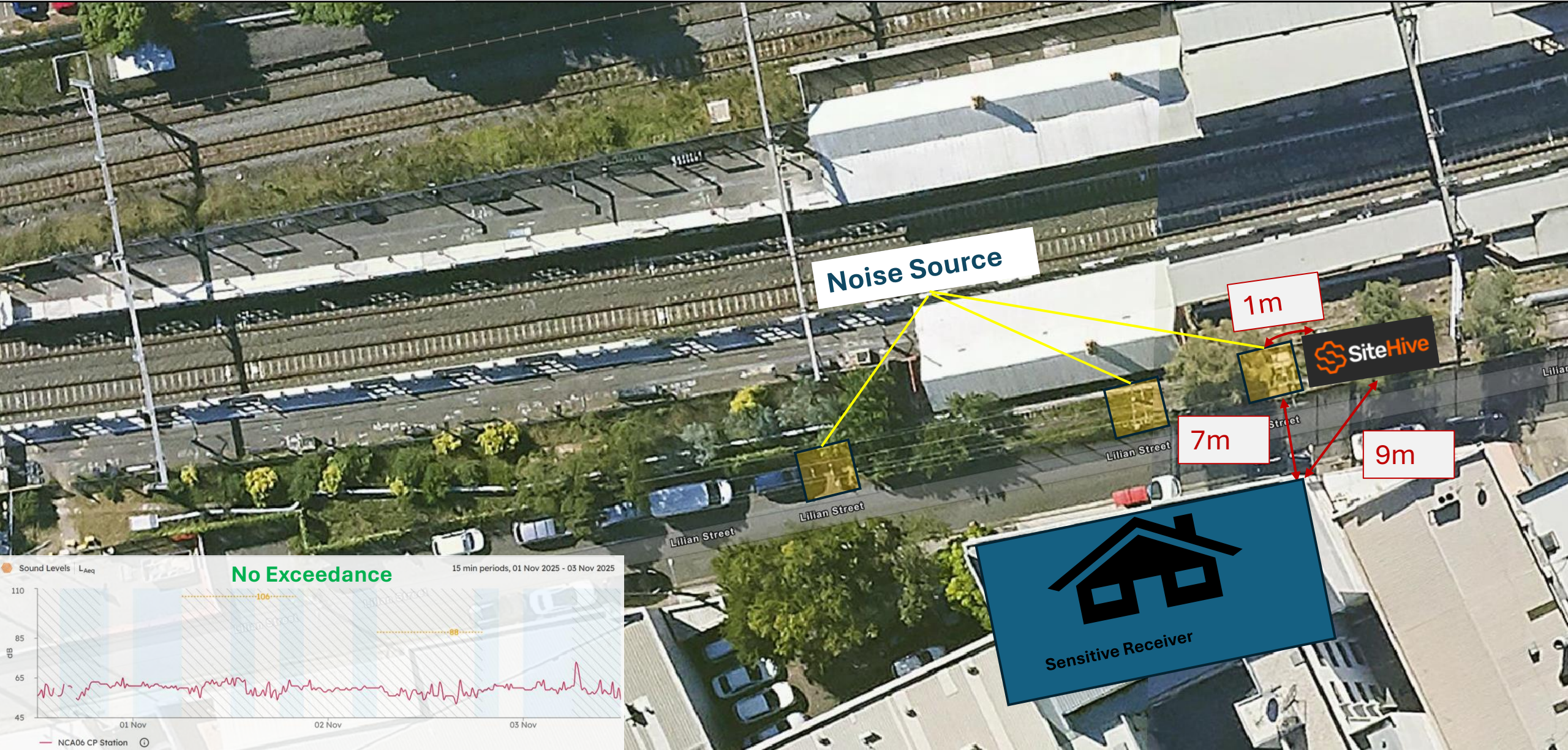


NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SR to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA02	HEX-000631	NCA02 EWART St	112 Ewart St	31	36	36	68	68	WE18	2/11/2025	P1	Sun/Pub Ho1 (0800-1800)	38	30	30	M & LB



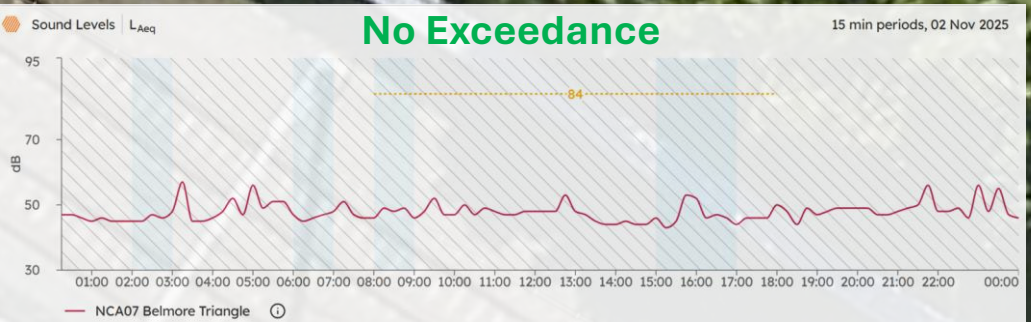


NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SR to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA06	HEX-000743	NCA06 CP STATION	13-15 Anglo Road	9	7	1	89	106	WE18	1/11/2025	P2	Sat (2200-0800)	35	71	54	RO, AA
NCA06	HEX-000743	NCA06 CP STATION	13-15 Anglo Road	9	7	1	71	88	WE18	2/11/2025	P2	Sun/Pub Ho1 (2200-0800)	35	53	36	RO, AA



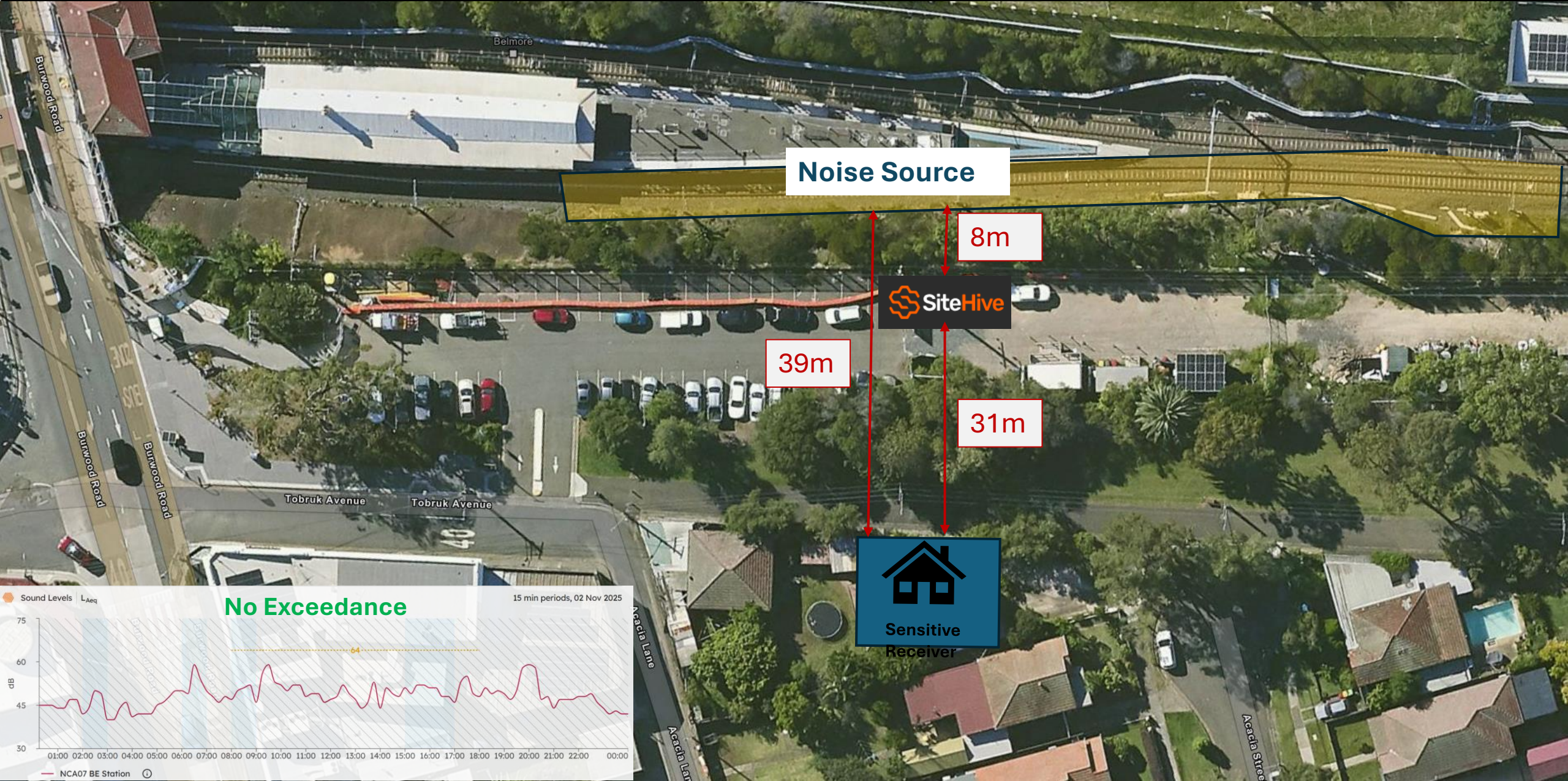


NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SR to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA07	HEX-000531	NCA07 BELMORE TRIANGLE	1 Hall Street	8	11	3	73	84	WE18	2/11/2025	P1	Sun/Pub Ho1 (0800-1800)	41	43	32	RO





NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SR to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA07	HEX-000630	NCA07 BE STATION	1 Acacia Street	31	39	8	50	64	WE18	2/11/2025	P1	Sun/Pub Hol (0800-1800)	41	23	9	nil





NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SR to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA08	HEX-000758	NCA08 LKB STATION	15-19 Croydon Street	43	46	9	62	76	WE18	2/11/2025	P1	Sun/Pub Ho1 (0800-1800)	47	29	15	LB





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**A. Details of any exceedances of predicted noise levels;**

There were no exceedance due to works occurring.

**B. Details of the noise and vibration mitigation measures that were implemented as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite**

The mitigation measures that were implemented included:

- Planning process reduce OOH in more sensitive periods where possible (mostly Day OOH)
- All workers briefed at prestart of OOHW taking place.
- Works occur within the hours agreed in the OOHW only.
- All plant positioned so that the exhaust (or noisiest side of the plant) is pointing away from sensitive receivers, where possible.
- The engine of any plant is to be turned off when not in use
- Workers are not to shout, slam doors, drop objects or make any other unnecessary noise
- Workers are to be mindful of residents when mobilizing and demobilizing

Additional mitigation measures in accordance with the Sydney Metro Construction Noise and Vibration Strategy were implemented which included:

- Letter box drops
- Continuous monitoring
- Respite for receivers with potential noise exceedance of over 20dB and alternative accommodation offered for receivers with potential noise exceedance of over 30dB.

**C. The justification required under L5.5 & L5.6 for the carrying out of works outside of standard construction hours in L5.1.**

The works carried out on WE18 (2<sup>nd</sup> November 0800 to 1800 and 3<sup>rd</sup>-5<sup>th</sup> November 1800 to 0700) could only be safely conducted during a rail possession due to works occurring within the rail corridor/danger zone. Works were completed in accordance with EPL Condition L5.5 Local Possession (as dynamic testing is occurring during the week). Carrying out the construction activities during standard construction hours (specified in L5.1) would cause unacceptable risks to construction personnel safety; rail passenger and railways personnel safety and railway network operational reliability.

The works carried out on WE18 (1<sup>st</sup> & 2<sup>nd</sup> November 1800 to 0800) at Lilian Street, Campsie were completed under L5.6 (OOHW – Utility & Local Area) as the **Ausgrid** has advised the licensee in writing that carrying out the works and activities during the hours specified in Condition L5.1 would result in a high risk to road network operational performance.

The works carried out on WE18 (2<sup>nd</sup> November 0800 to 1800) at Ness Ave, Dulwich Hill were completed under L5.6 (OOHW – Utility & Local Area) as the **TfNSW** has advised the licensee in writing that carrying out the works and activities during the hours specified in Condition L5.1 would result in a high risk to road network operational performance.

The works carried out on WK18 (3<sup>rd</sup> November 2200 to 0700) at Victoria Rail Bridge, Sydenham were completed under L5.6 (OOHW – Utility & Local Area) as the **TfNSW** has advised the licensee in writing that carrying out the works and activities during the hours specified in Condition L5.1 would result in a high risk to road network operational performance.

All feasible and reasonable at-source noise controls were implemented in accordance with Condition L4.1, and noise mitigation measures were implemented in accordance with JHLORJV's CNVIS and Interim Construction Noise Guideline (DECC 2009).

**R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.5 & L5.6 by no later than 2 business days from the end of each fortnight.**

This R4.4 Validation report has been submitted to EPA by no later than two business days after the end of the fortnight.

## Attachment 1 – Community Notification

Community Notifications were provided to residents of Sydenham, Marrickville, Dulwich Hill, Hurlstone Park, Canterbury, Campsie, Belmore, Lakemba, Wiley Park, Punchbowl and Bankstown.

Community notifications for works undertaken at the previously stated locations available upon request.

# EPL 21147

## R4.4 Validation Report

### SWM3 2025 WE/WK19

R4.4 Sydney Metro Possession (WE/WK19, 07 to 13 November 2025)

#### Document and Revision History

Document Details	
<b>Title</b>	R4.4 Validation Report
<b>Client</b>	Sydney Metro City & Southwest
<b>JHLOR JV contract no.</b>	J54

#### Revisions

Revision	Date	Description	Prepared by	Reviewed by
01	13/11/2025	Prepared for R4.4	Ted Zhang	Lucas Dobrolot

#### Management reviews

Review date	Details	Reviewed by

Controlled: NO Copy no.: Uncontrolled: YES



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2. A copy of the community notification required under Condition L5.11 .....	4
3. Noise monitoring as required by L5.7(d).....	4
A. Details of any exceedances of predicted noise levels; .....	5
B. Details of the noise and vibration mitigation measures that were implemented as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite.....	5
C. The justification required under L5.5 & L5.6 for the carrying out of works outside of standard construction hours in L5.1.....	5
<b>R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.5 &amp; L5.6 by no later than 2 business days from the end of each fortnight. ....</b>	<b>6</b>
<b>Attachment 1 – Community Notification.....</b>	<b>7</b>

## Introduction

This validation report has been prepared in accordance with EPL 21147 Condition R4.4 for out-of-hour works carried out between 7<sup>th</sup> to 13<sup>th</sup> November, detailed noise activities are below:

### Low Impact Works (L5.1) – 9<sup>th</sup> November 0800 to 1800 in Weekend 19 (WE19)

- Site access 0600 to 0800 Saturday & Sunday (pre-start, vehicle movement, set up, some low impact work)
- Protection Screen Door (PSD) & Mechanical Gap Filler (MGF) Testing Works
- Testing and commissioning equipment
- Track inspection
- Over Head Wire (OHW) inspection
- Tiling works at Punchbowl Station
- Cable installation

### Possession Works (L5.5) – 9<sup>th</sup> November 0800 to 1800 in WE19

- Platform finishes
- Tiling & Glazing installation
- Vegetation Clearing between Belmore Station and Lakemba Station
- Sewer Vent Shaft installation

### Possession Works (L5.5) – 10<sup>th</sup> to 13<sup>th</sup> November 1800 to 0700 in WE19

- Tiling works at Marrickville Station
- Tiling works at Campsie Station
- Tiling works at Punchbowl Station

Occurred during possession on Sydney Metro's track (between Sydenham Station to Bankstown Station). Works were carried out under Condition L5.5 - Local Possessions.

### Local Area Works (L5.6)

- Ness Avenue, Dulwich Hill – 9<sup>th</sup> November 0800 to 1800 in WE19
  - Over Head Protecting Beam (OHPB) construction
- Foord Avenue, Hurlstone Park – 12<sup>th</sup> November 2200 to 0700 in WK19
  - Plant Delivery

Works were carried out under Condition L5.6 - Local Area and Utility Works.

Refer to **Attachment 1** for monitoring results.

**R4.4(a) For activities permitted under Condition L5.5 & L5.6, a validation report must be submitted to the EPA that includes the following detail:**

1. **Confirmation that the equipment used to undertake the works was as specified in the relevant Construction Noise and Vibration Impact Assessment (CNVIA) for the worksite**

The assessment prepared for the works included modelling based on Sound Power Level for the following plant and equipment:

- Station Works
  - Powered hand tool
  - Generators
- PSD & MGF Testing and commissioning works
  - Hand tool

- 
- Over Head Protecting Beam (OHPB) construction
    - Excavator
    - Hydremas/Mini hydremas
    - Powered hand tool
  - Tailing Works
    - Powered Hand tool
  - Vegetation Clearing
    - Mulcher
    - Chain saw
    - Excavator
  - OHW Inspection
    - EWP
  - Track Inspection
    - High Rail UTE
  - Sewer Vent Shaft Installation
    - Powered Hand tool
  - Plant Delivery
    - Trailer Truck

## 2. A copy of the community notification required under Condition L5.11

A copy of the community notification required under Condition L5.11 is appended as **Attachment 2**.

## 3. Noise monitoring as required by L5.7(d)

**WE/WK19** works noise monitoring was carried out at the following locations along the project corridor.

**A. Details of any exceedances of predicted noise levels;**

An exceedance was identified at Campsie between Monday 10<sup>th</sup> to Thursday 13<sup>th</sup> Night Shift (1800-0700) due to JHLOR tiling works. Details for the exceedances is provided in the EPL R4.3 Exceedance Report (Provided 21/11/25).

**B. Details of the noise and vibration mitigation measures that were implemented as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite**

The mitigation measures that were implemented included:

- Planning process reduce OOH in more sensitive periods where possible (mostly Day OOH)
- All workers briefed at prestart of OOHW taking place.
- Works occur within the hours agreed in the OOHW only.
- All plant positioned so that the exhaust (or noisiest side of the plant) is pointing away from sensitive receivers, where possible.
- The engine of any plant is to be turned off when not in use
- Workers are not to shout, slam doors, drop objects or make any other unnecessary noise
- Workers are to be mindful of residents when mobilizing and demobilizing

Additional mitigation measures in accordance with the Sydney Metro Construction Noise and Vibration Strategy were implemented which included:

- Monthly notification
- Continuous monitoring
- Respite for receivers with potential noise impact of over 20dB and alternative accommodation offered for receivers with potential noise impact of over 30dB.

**C. The justification required under L5.5 & L5.6 for the carrying out of works outside of standard construction hours in L5.1.**

The works carried out on WE/WK19 (7<sup>th</sup> & 8<sup>th</sup> November 1800 to 0700; 9<sup>th</sup> November 0800 to 1800 and 10<sup>th</sup> to 13<sup>th</sup> November 1800 to 0700) could only be safely conducted during a rail possession due to works occurring within the rail corridor/danger zone. Works were completed in accordance with EPL Condition L5.5 Local Possession (as dynamic testing is occurring during the week). Carrying out the construction activities during standard construction hours (specified in L5.1) would cause unacceptable risks to construction personnel safety; rail passenger and railways personnel safety and railway network operational reliability.

The works carried out on WE19 (9<sup>th</sup> November 0800 to 1800) at Ness Ave, Dulwich Hill were completed under L5.6 (OOHW – Utility & Local Area) as the TfNSW has advised the licensee in writing that carrying out the works and activities during the hours specified in Condition L5.1 would result in a high risk to road network operational performance.

The works carried out on WK19 (12<sup>th</sup> November 2200 to 0700) at Foord Avenue, Hurlstone Park were completed under L5.6 (OOHW – Utility & Local Area) as carrying on those works and activities during the hours specified in Condition L5.1 would result in a high risk to construction personnel or public safety, based on a risk assessment carried out in accordance with AS/NZS ISO 31000:2009 "Risk Management".

All feasible and reasonable at-source noise controls were implemented in accordance with Condition L4.1, and noise mitigation measures were implemented in accordance with JHLORJV's CNVIS and Interim Construction Noise Guideline (DECC 2009).

**R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.5 & L5.6 by no later than 2 business days from the end of each fortnight.**

This R4.4 Validation report has been submitted to EPA by no later than two business days after the end of the fortnight.

## Attachment 1 – Community Notification

Community Notifications were provided to residents of Sydenham, Marrickville, Dulwich Hill, Hurlstone Park, Canterbury, Campsie, Belmore, Lakemba, Wiley Park, Punchbowl and Bankstown.

Community notifications for works undertaken at the previously stated locations available upon request.

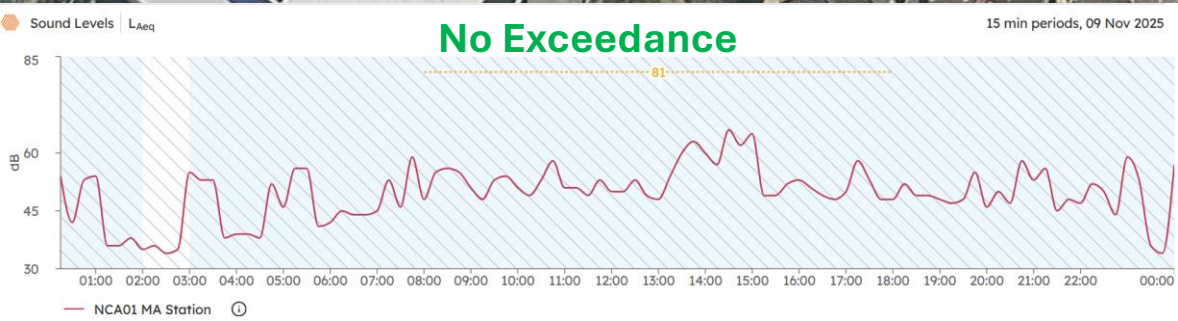
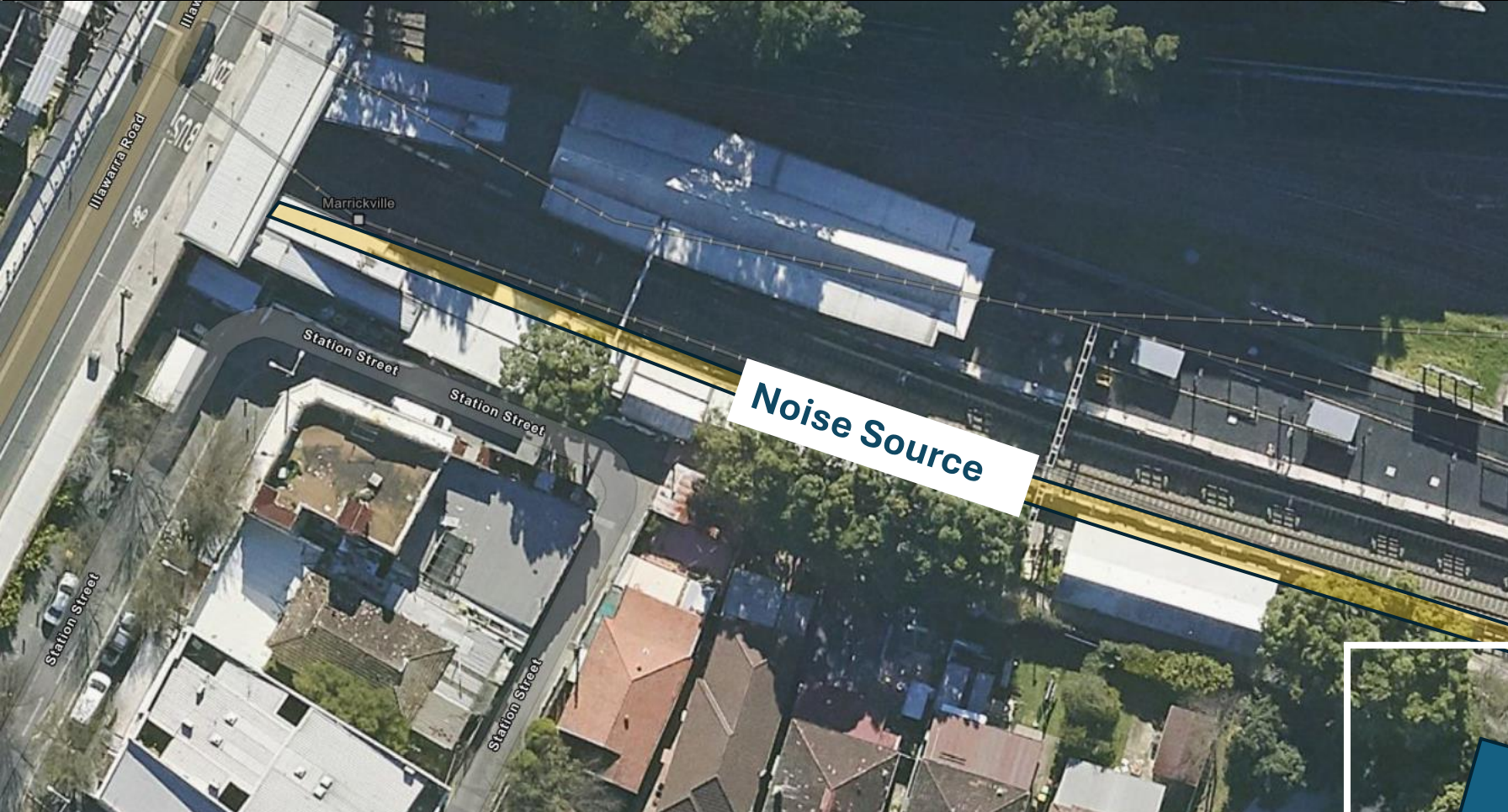


NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SR to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA01	HEX-000421	NCA01 MA STATION	15 Leofrene Avenue	4	5	1	58	72	WE19	7/11/2025	P1	Sat (1800-2200)	38	34	20	LB
NCA01	HEX-000421	NCA01 MA STATION	15 Leofrene Avenue	4	5	1	58	72	WE19	7/11/2025 to 8/11/2025	P2	Sat (2200-0800)	33	39	25	M & RO
NCA01	HEX-000421	NCA01 MA STATION	15 Leofrene Avenue	4	5	1	58	72	WE19	8/11/2025	P1	Sat (1800-2200)	38	34	20	LB
NCA01	HEX-000421	NCA01 MA STATION	15 Leofrene Avenue	4	5	1	58	72	WE19	8/11/2025 to 9/11/2025	P2	Sat (2200-0800)	33	39	25	M & RO





NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA01	HEX-000421	NCA01 MA STATION	15 Leofrene Avenue	4	5	1	67	81	WE19	9/11/2025	P1	Sun/Pub Ho1 (0800-1800)	38	43	29	M & LB





NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA01	HEX-000421	NCA01 MA STATION	15 Leofrene Avenue	4	5	1	57	71	WK19	12/11/2025	P1	Mon-Fri (1800-2200)	38	33	19	LB
NCA01	HEX-000421	NCA01 MA STATION	15 Leofrene Avenue	4	5	1	57	71	WK19	12/11/2025 to 13/11/2025	P2	Mon-Fri (2200-0700)	33	38	24	M & RO
NCA01	HEX-000421	NCA01 MA STATION	15 Leofrene Avenue	4	5	1	57	71	WK19	13/11/2025	P1	Mon-Fri (1800-2200)	38	33	19	LB
NCA01	HEX-000421	NCA01 MA STATION	15 Leofrene Avenue	4	5	1	57	71	WK19	13/11/2025 to 14/11/2025	P2	Mon-Fri (2200-0700)	33	38	24	M & RO

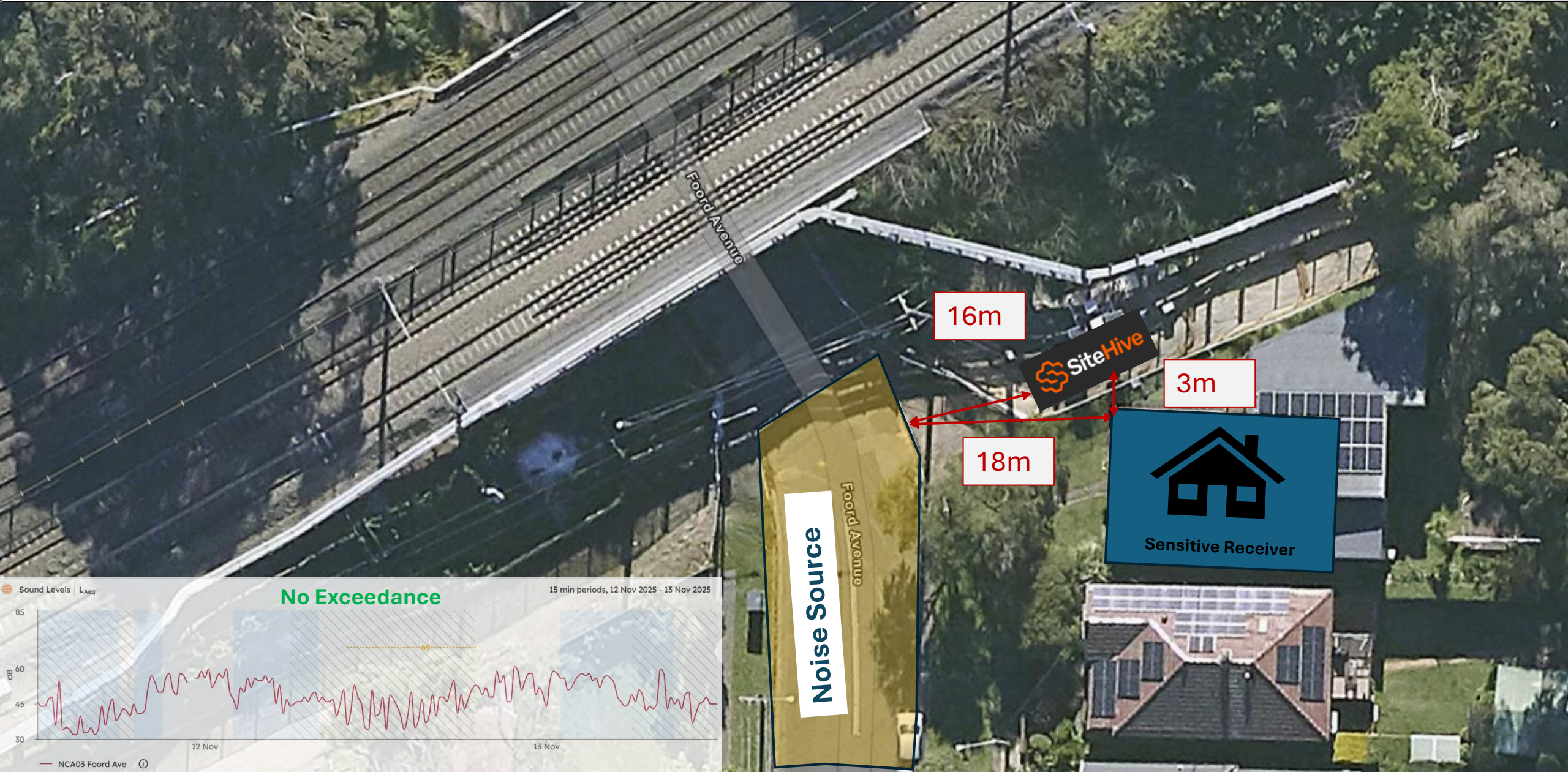








NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SR to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA03	HEX-000465	NCA03 FOORD Ave	5 Foord Ave	3	18	16	68	69	WK19	12/11/2025 to 13/11/2025	P2	Mon-Fri (2200-0700)	34	35	34	RO, AA

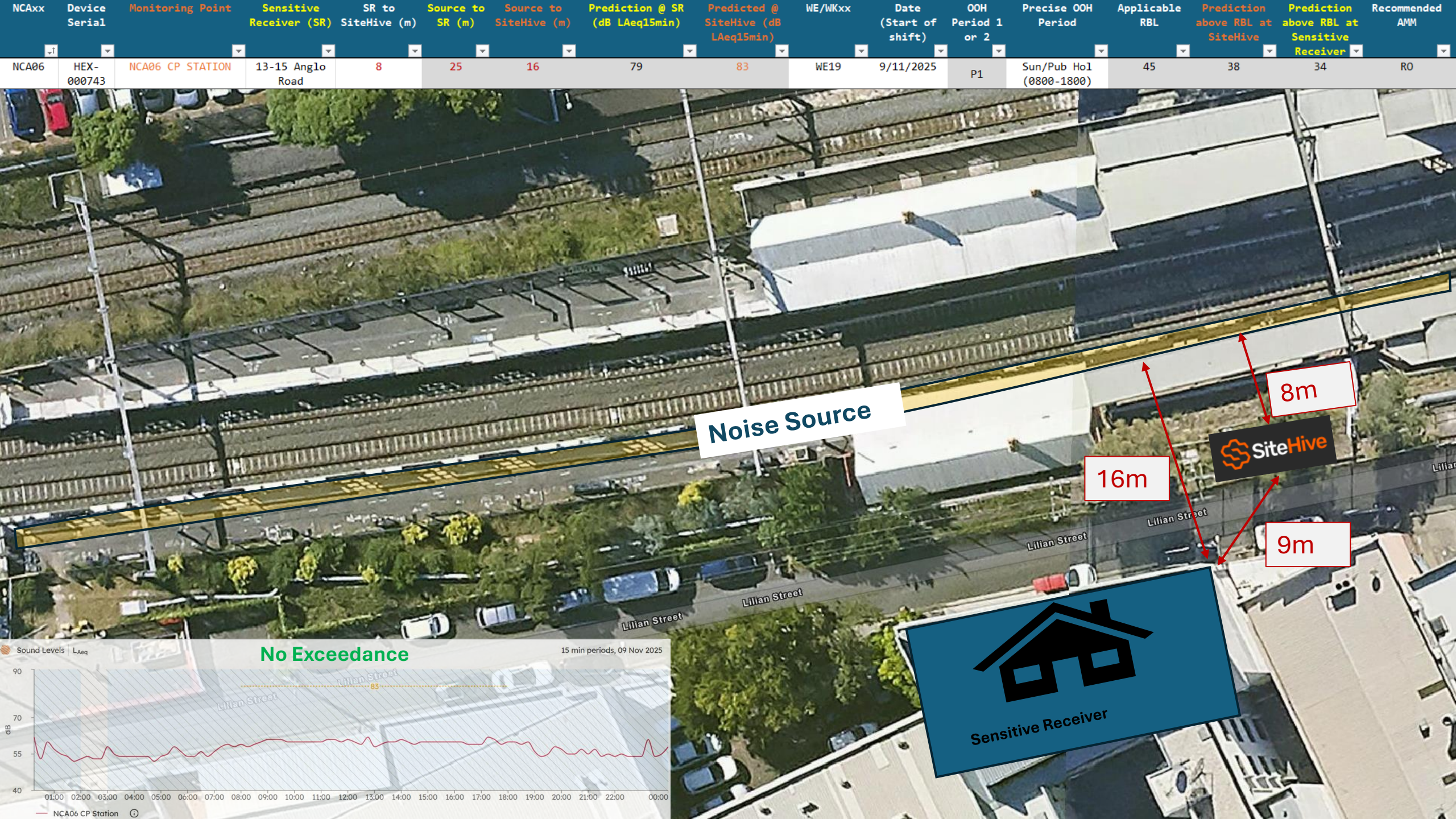




NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SR to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA03	HEX-000760	NCA03 FOORD Ave North	3 Foord Avenue	26	35	11	69	79	WK19	12/11/2025 to 13/11/2025	P2	Mon-Fri (2200-0700)	34	45	35	RO, AA

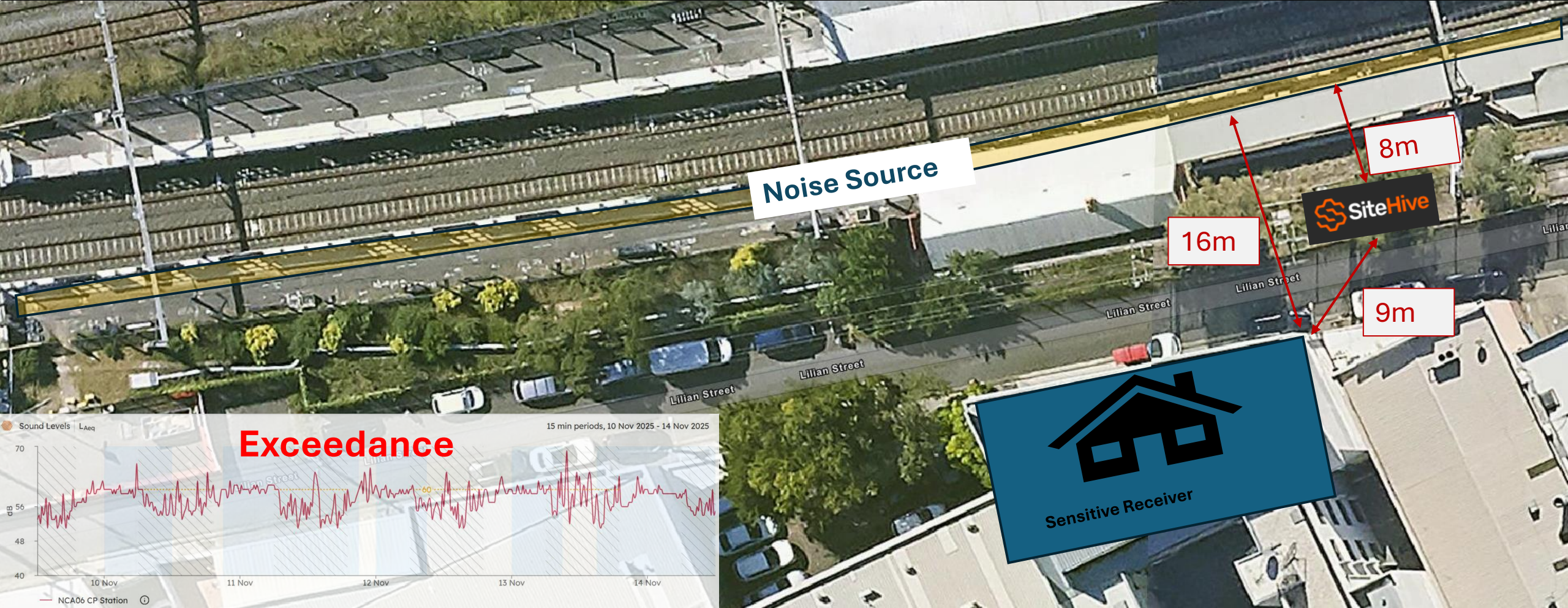








NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	Site to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA06	HEX-000743	NCA06 CP STATION	13-15 Anglo Road	9	16	8	54	60	WK19	10/11/2025	P1	Mon-Fri (1800-2200)	45	15	9	nil
NCA06	HEX-000743	NCA06 CP STATION	13-15 Anglo Road	9	16	8	54	60	WK19	10/11/2025 to 11/11/2025	P2	Mon-Fri (2200-0700)	35	25	19	LB, M
NCA06	HEX-000743	NCA06 CP STATION	13-15 Anglo Road	9	16	8	54	60	WK19	11/11/2025	P1	Mon-Fri (1800-2200)	45	15	9	nil
NCA06	HEX-000743	NCA06 CP STATION	13-15 Anglo Road	9	16	8	54	60	WK19	11/11/2025 to 12/11/2025	P2	Mon-Fri (2200-0700)	35	25	19	LB, M
NCA06	HEX-000743	NCA06 CP STATION	13-15 Anglo Road	9	16	8	54	60	WK19	12/11/2025	P1	Mon-Fri (1800-2200)	45	15	9	nil
NCA06	HEX-000743	NCA06 CP STATION	13-15 Anglo Road	9	16	8	54	60	WK19	12/11/2025 to 13/11/2025	P2	Mon-Fri (2200-0700)	35	25	19	LB, M
NCA06	HEX-000743	NCA06 CP STATION	13-15 Anglo Road	9	16	8	54	60	WK19	13/11/2025	P1	Mon-Fri (1800-2200)	45	15	9	nil
NCA06	HEX-000743	NCA06 CP STATION	13-15 Anglo Road	9	16	8	54	60	WK19	13/11/2025 to 14/11/2025	P2	Mon-Fri (2200-0700)	35	25	19	LB, M



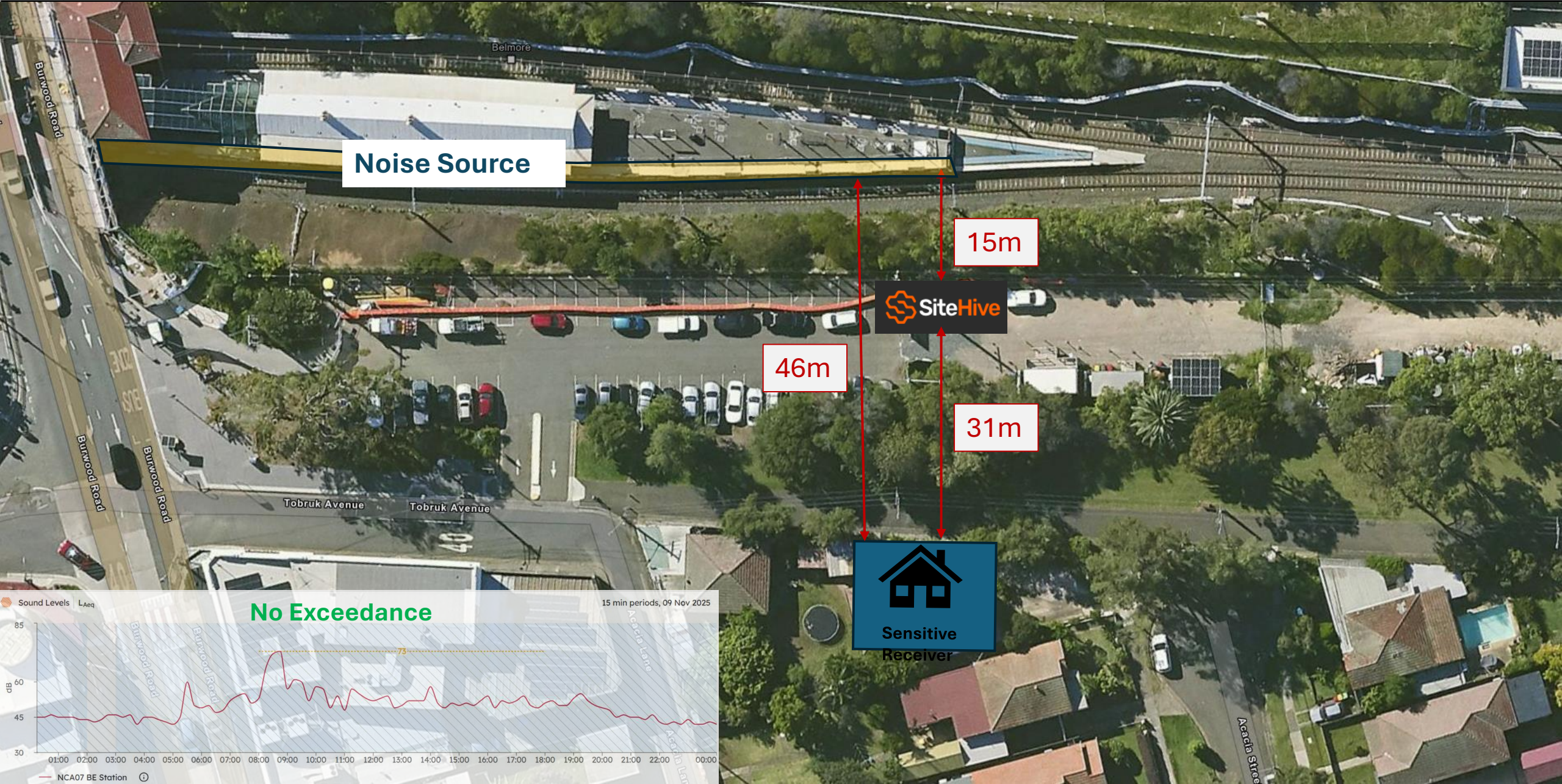


NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SR to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA07	HEX-000531	NCA07 BELMORE TRIANGLE	1 Hall Street	8	11	3	70	81	WE19	9/11/2025	P1	Sun/Pub Hol (0800-1800)	41	40	29	M & LB



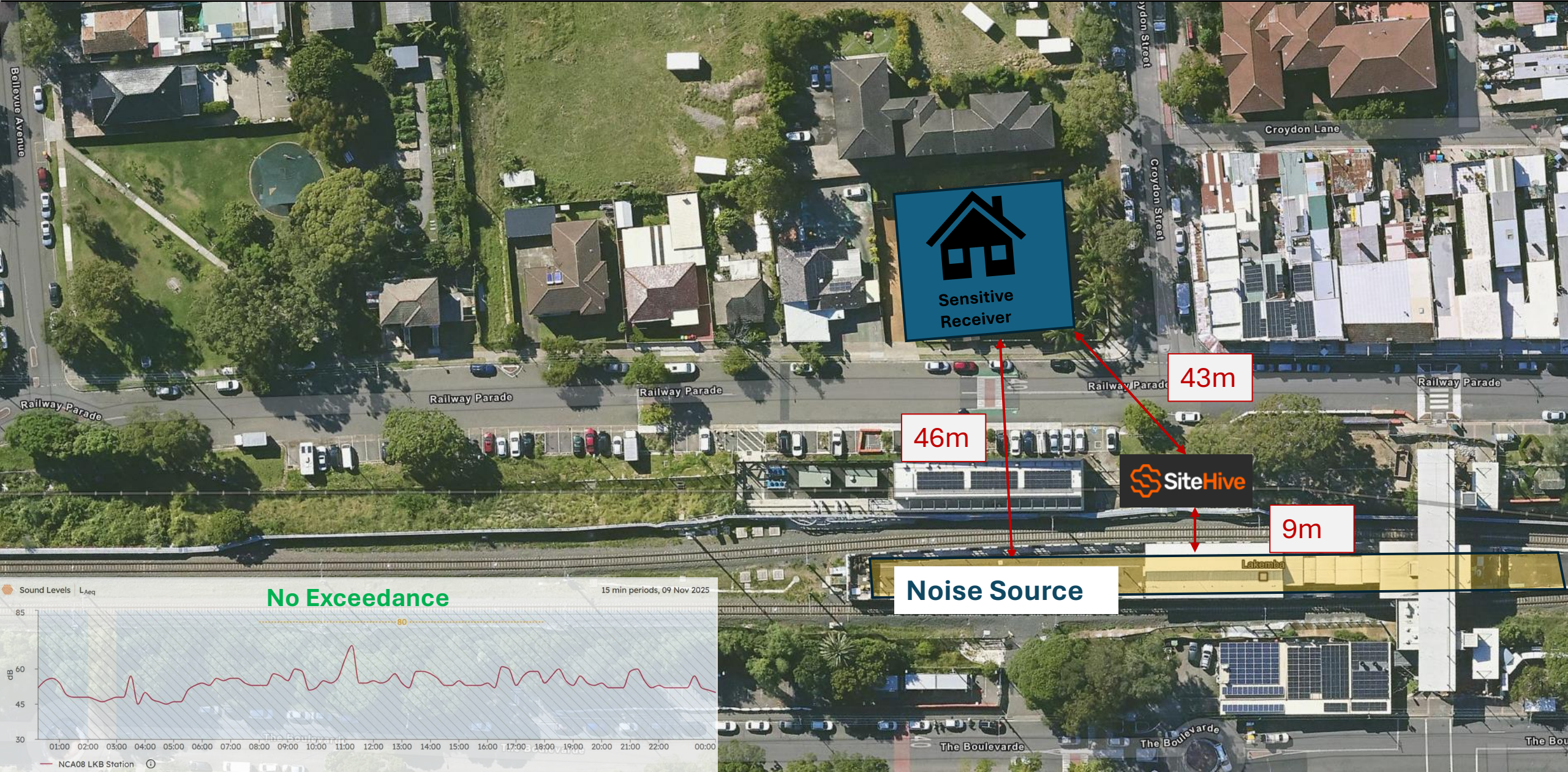


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NCA07	HEX-000630	NCA07 BE STATION	1 Acacia Street	31	46	15	63	73	WE19	9/11/2025	P1	Sun/Pub Ho1 (0800-1800)	41	32	22	M & LB



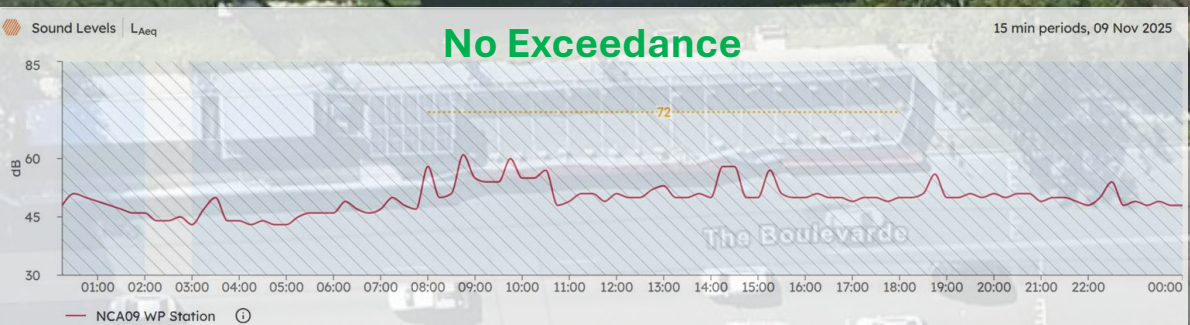
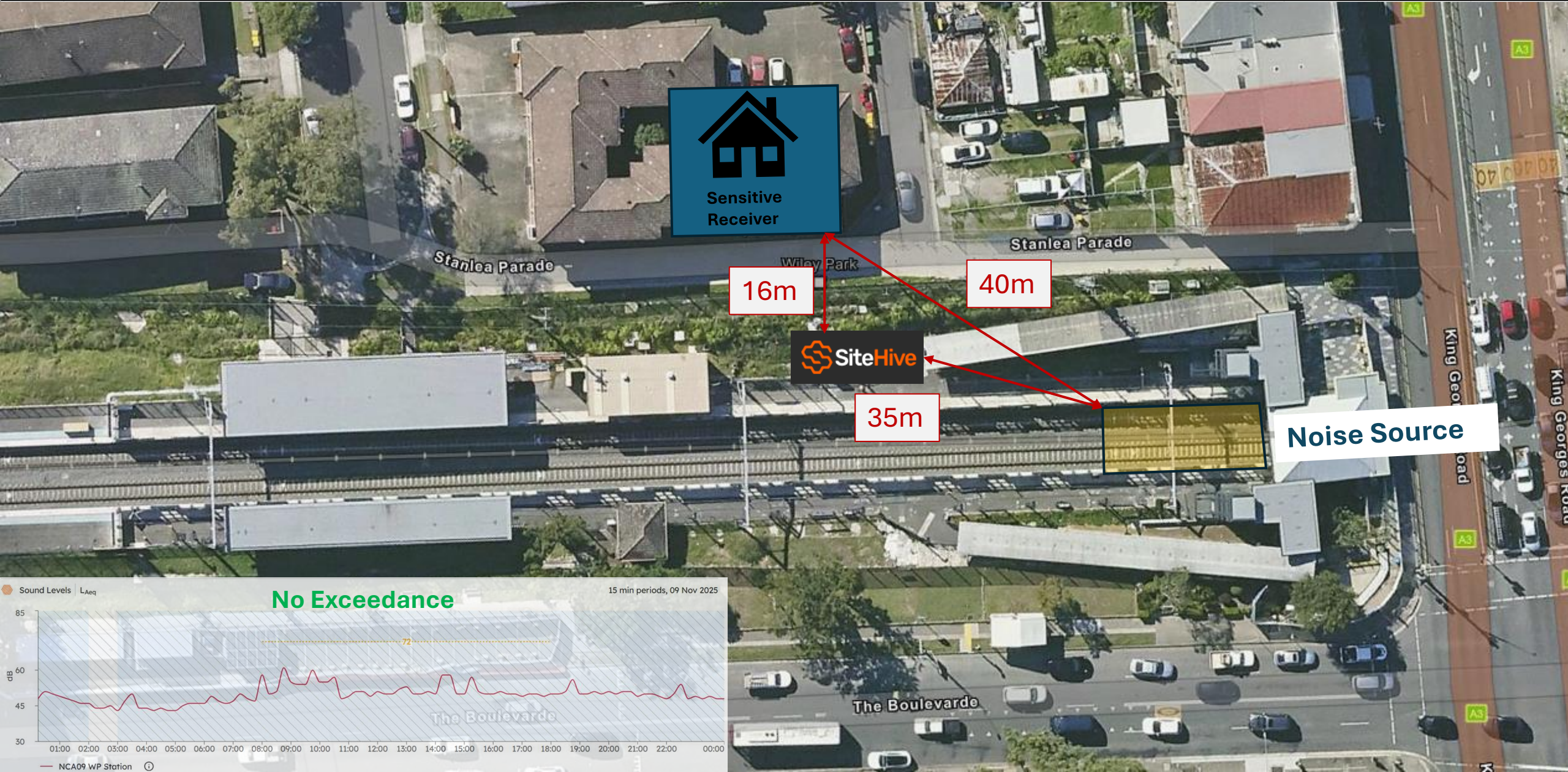


NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SR to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA08	HEX-000758	NCA08 LKB STATION	15-19 Croydon Street	43	46	9	66	80	WE19	9/11/2025	P1	Sun/Pub Ho1 (0800-1800)	47	33	19	LB





NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	Site to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA09	HEX-000558	NCA09 WP STATION	1-3 Shadforth Street	16	40	35	71	72	WE19	9/11/2025	P1	Sun/Pub Ho1 (0800-1800)	44	28	27	M & LB





# EPL 21147

## R4.4 Validation Report

### SWM3 2025 WE/WK22

R4.4 Sydney Metro Possession (WE/WK22, 28 to 30 November 2025)

#### Document and Revision History

Document Details	
<b>Title</b>	R4.4 Validation Report
<b>Client</b>	Sydney Metro City & Southwest
<b>JHLOR JV contract no.</b>	J54

#### Revisions

Revision	Date	Description	Prepared by	Reviewed by
01	09/12/2025	Prepared for R4.4	Ted Zhang	Lucas Dobrolot

#### Management reviews

Review date	Details	Reviewed by

Controlled: NO Copy no.: Uncontrolled: YES



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## Introduction

This validation report has been prepared in accordance with EPL 21147 Condition R4.4 for out-of-hour works carried out between 28<sup>th</sup> to 30<sup>th</sup> November, detailed noise activities are below:

### Low Impact Works (L5.1) – 30<sup>th</sup> November 0800 to 1800 in Weekend 22 (WE22)

- Site access 0600 to 0800 Saturday & Sunday (pre-start, vehicle movement, set up, some low impact work)
- Protection Screen Door (PSD) & Mechanical Gap Filler (MGF) Testing Works
- Testing and commissioning equipment
- Track inspection
- Cutting and Embankments Site Inspections
- Removal of redundant assets
- Over Head Wire (OHW) inspection
- Cable route investigation
- Cable installation

### Possession Works (L5.5) – 28<sup>th</sup> November 2200 to 30<sup>th</sup> November 2200 in WE22

- ARTC Sydenham Fright Fly Over (FFO) bridge anti throw screen installation
- ARTC Bridge Inspection
- Site Access via Belmore Ln, Tempe
- Site Access via Way St, Tempe
- Site Access via Fraser Park, Sydenham
- Site Access via Ewart St, Tempe

### Possession Works (L5.5) – 30<sup>th</sup> November 0800 to 1800 in WE22

- Segregation Fencing Defect Rectification
- Equitable Canopy Structural Steel Installation
- Tree Removal / De-vegetation work
- Platform waterproofing, tiling
- Bird Proofing
- Cooks River Bridge CSR Screen Beam Installation
- Wairoa St Bridge CSR Screen Beam Installation
- Materials Handling on Station Platform

Occurred during possession on Sydney Metro's track (between Sydenham Station to Bankstown Station) and ARTC track (between Sydenham Station to Belmore Station). Works were carried out under Condition L5.5 - Local Possessions.

Refer to **Section R4.4a Item 3** for monitoring results.

**R4.4(a) For activities permitted under Condition L5.5 & L5.6, a validation report must be submitted to the EPA that includes the following detail:**

1. **Confirmation that the equipment used to undertake the works was as specified in the relevant Construction Noise and Vibration Impact Assessment (CNVIA) for the worksite**

The assessment prepared for the works included modelling based on Sound Power Level for the following plant and equipment:



- Segregation Fencing Defect Rectification
  - Excavator
  - Powered Hand tool
- Equitable Canopy Structural Steel Installation
  - Crane Truck
  - EWP
  - Powered Hand tool
- Bird Proofing
  - EWP
  - Powered Hand tool
- Bridge CSR Screen Beam Installation
  - EWP
  - Powered Hand tool
- Station Works
  - Powered hand tool
  - Generators
- PSD & MGF Testing and commissioning works
  - Hand tool
- Bridge Inspection
  - EWP
- Tailing Works
  - Powered Hand tool
- Vegetation Clearing
  - Mulcher
  - Chain saw
  - Excavator
- ARTC FFO anti throw screen installation
  - EWP
  - Excavator
  - Powered Hand tool
  - Light Tower
- Track Inspection
  - High Rail UTE
- Plant Delivery
  - Trailer Truck

## 2. A copy of the community notification required under Condition L5.11

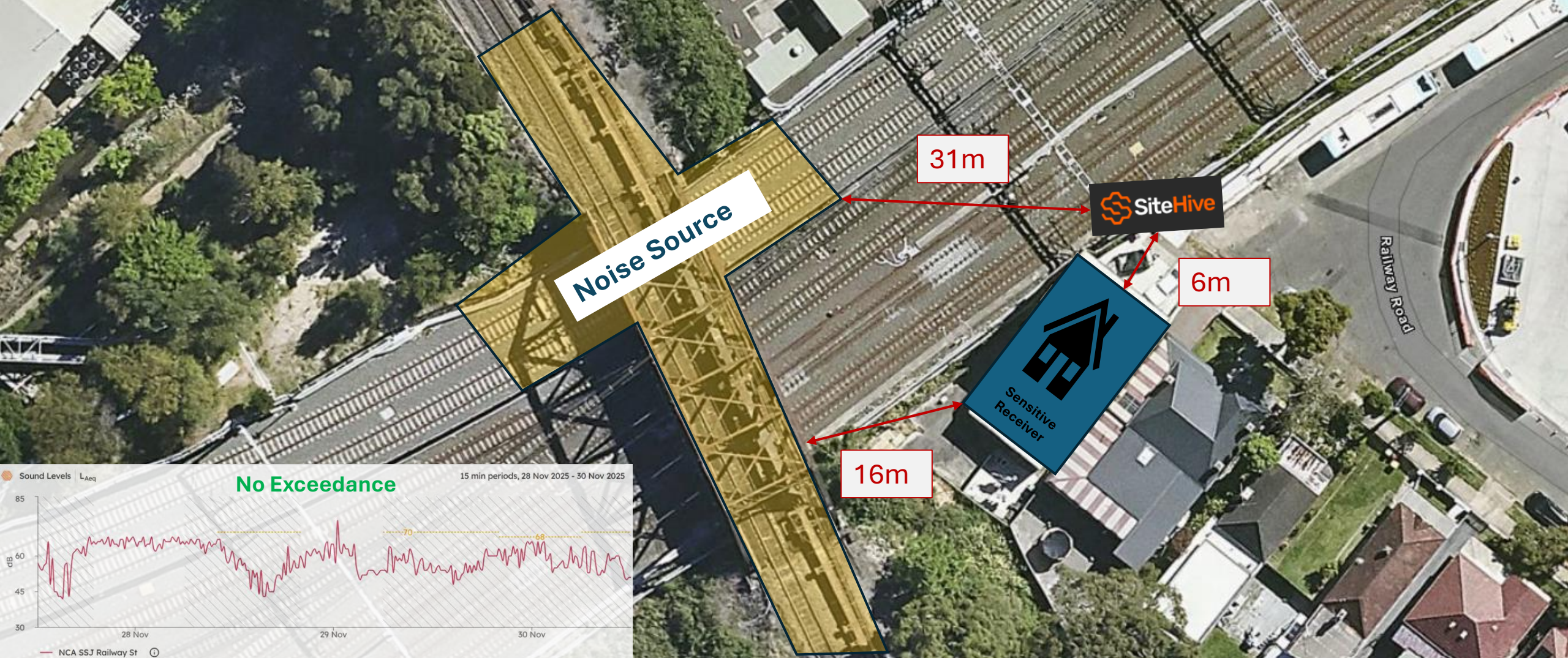
A copy of the community notification required under Condition L5.11 is appended as **Attachment 2**.

## 3. Noise monitoring as required by L5.7(d)

**WE/WK22** works noise monitoring was carried out at the following locations along the project corridor.

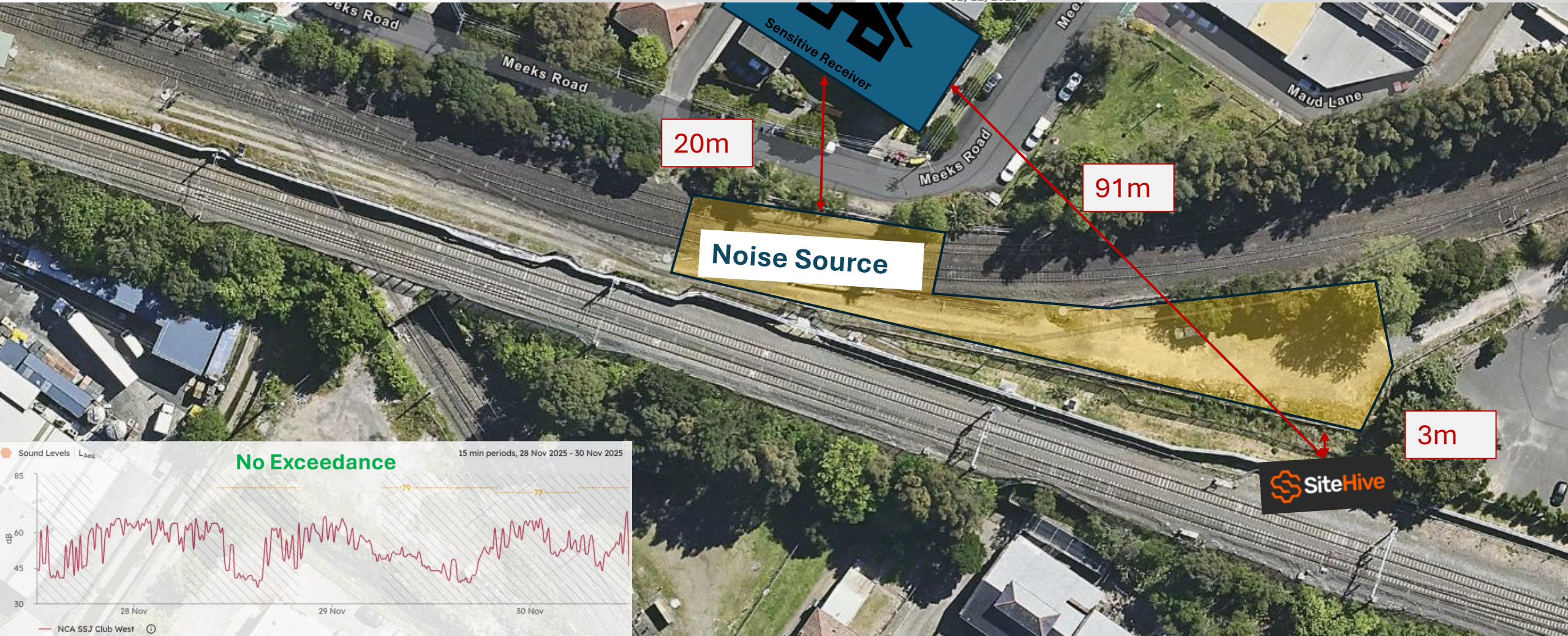


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NCA SSJ	HEX-000558	NCA SSJ Railway St	110 Railway Road	6	16	31	76	70	WE22	28/11/2025 to 29/11/2025	P2	Mon-Fri (2200-0700)	42	28	34	RO, AA
NCA SSJ	HEX-000558	NCA SSJ Railway St	110 Railway Road	6	16	31	76	70	WE22	29/11/2025	P1	Sat (1800-2200)	49	21	27	M & LB
NCA SSJ	HEX-000558	NCA SSJ Railway St	110 Railway Road	6	16	31	76	70	WE22	29/11/2025 to 30/11/2025	P2	Sat (2200-0800)	42	28	34	RO, AA
NCA SSJ	HEX-000558	NCA SSJ Railway St	110 Railway Road	6	16	31	74	68	WE22	30/11/2025	P1	Sun/Pub Ho1 (0800-1800)	51	17	23	M & LB
NCA SSJ	HEX-000558	NCA SSJ Railway St	110 Railway Road	6	16	31	76	70	WE22	30/11/2025	P1	Sat (1800-2200)	49	21	27	M & LB
NCA SSJ	HEX-000558	NCA SSJ Railway St	110 Railway Road	6	16	31	76	70	WE22	30/11/2025 to 01/12/2025	P2	Sun/Pub Ho1 (2200-0800)	42	28	34	RO, AA



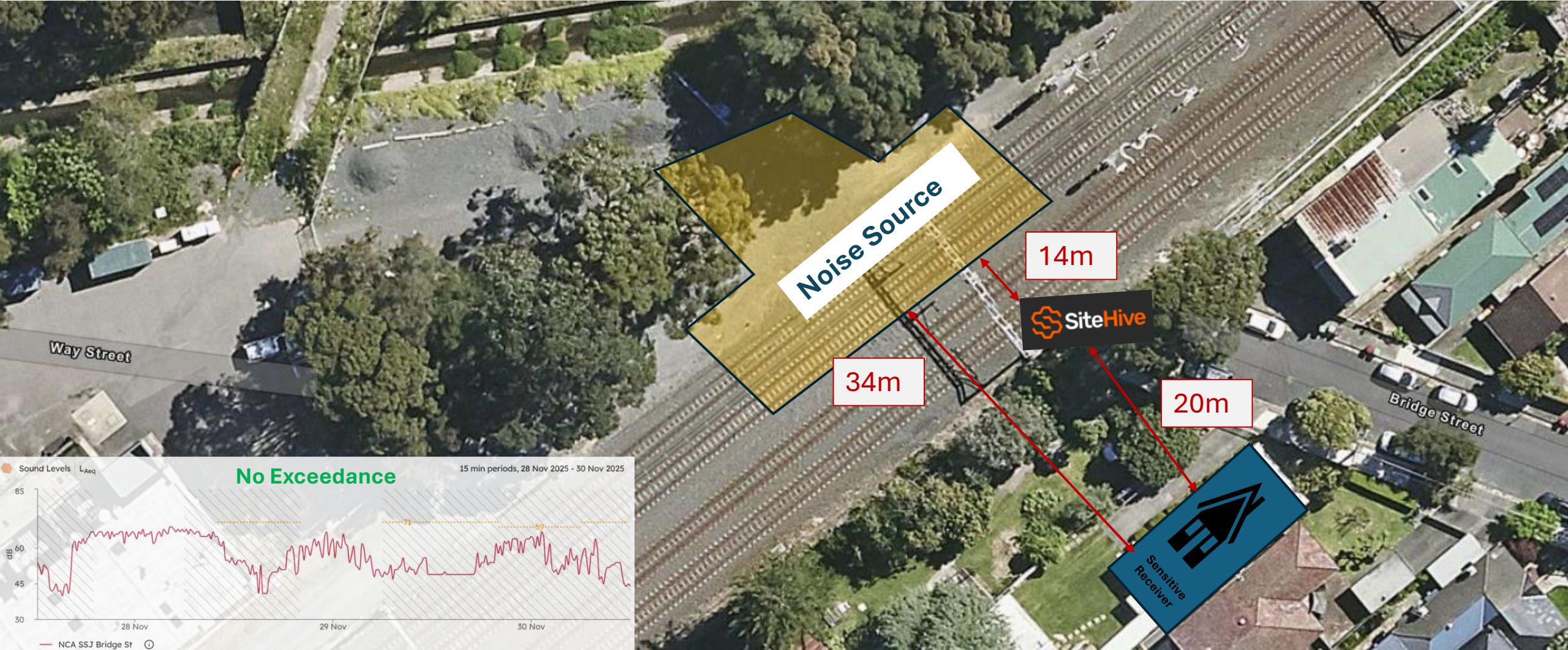


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NCA SSJ	HEX-000760	NCA SSJ Club West	133 Meeks Road	91	20	3	63	79	WE22	28/11/2025 to 29/11/2025	P2	Mon-Fri (2200-0700)	40	39	23	M & RO
NCA SSJ	HEX-000760	NCA SSJ Club West	133 Meeks Road	91	20	3	63	79	WE22	29/11/2025	P1	Sat (1800-2200)	45	34	18	LB
NCA SSJ	HEX-000760	NCA SSJ Club West	133 Meeks Road	91	20	3	63	79	WE22	29/11/2025 to 30/11/2025	P2	Sat (2200-0800)	40	39	23	M & RO
NCA SSJ	HEX-000760	NCA SSJ Club West	133 Meeks Road	91	20	3	61	77	WE22	30/11/2025	P1	Sun/Pub Ho1 (0800-1800)	47	30	14	LB
NCA SSJ	HEX-000760	NCA SSJ Club West	133 Meeks Road	91	20	3	63	79	WE22	30/11/2025	P1	Sat (1800-2200)	45	34	18	LB
NCA SSJ	HEX-000760	NCA SSJ Club West	133 Meeks Road	91	20	3	63	79	WE22	30/11/2025 to 01/12/2025	P2	Sun/Pub Ho1 (2200-0800)	40	39	23	M & RO



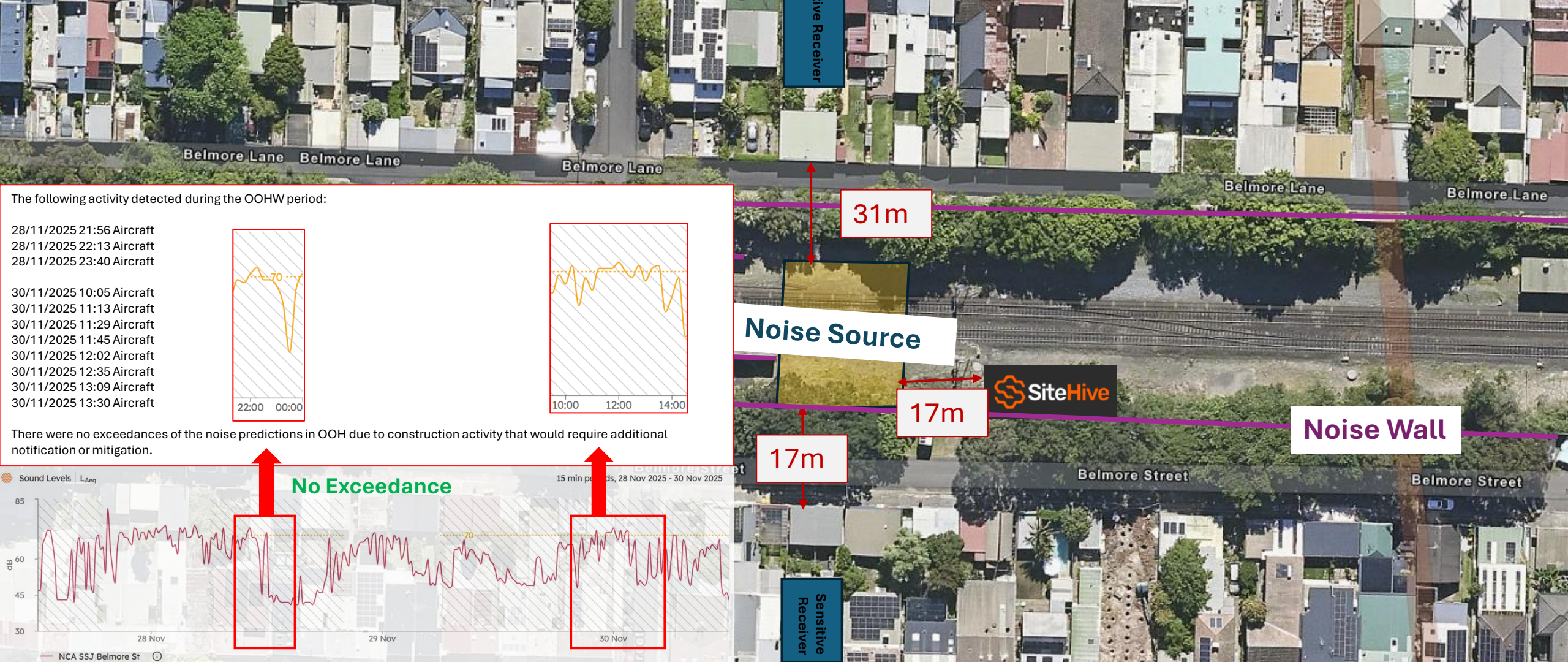


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NCA SSJ	HEX-000465	NCA SSJ Bridge St	20 Bridge Street	20	34	14	63	71	WE22	28/11/2025 to 29/11/2025	P2	Mon-Fri (2200-0700)	40	31	23	M & RO
NCA SSJ	HEX-000465	NCA SSJ Bridge St	20 Bridge Street	20	34	14	63	71	WE22	29/11/2025	P1	Sat (1800-2200)	41	30	22	M & LB
NCA SSJ	HEX-000465	NCA SSJ Bridge St	20 Bridge Street	20	34	14	63	71	WE22	29/11/2025 to 30/11/2025	P2	Sat (2200-0800)	40	31	23	M & RO
NCA SSJ	HEX-000465	NCA SSJ Bridge St	20 Bridge Street	20	34	14	61	69	WE22	30/11/2025	P1	Sun/Pub Hol (0800-1800)	41	28	20	LB
NCA SSJ	HEX-000465	NCA SSJ Bridge St	20 Bridge Street	20	34	14	63	71	WE22	30/11/2025	P1	Sat (1800-2200)	41	30	22	M & LB
NCA SSJ	HEX-000465	NCA SSJ Bridge St	20 Bridge Street	20	34	14	63	71	WE22	30/11/2025 to 01/12/2025	P2	Sun/Pub Hol (2200-0800)	40	31	23	M & RO

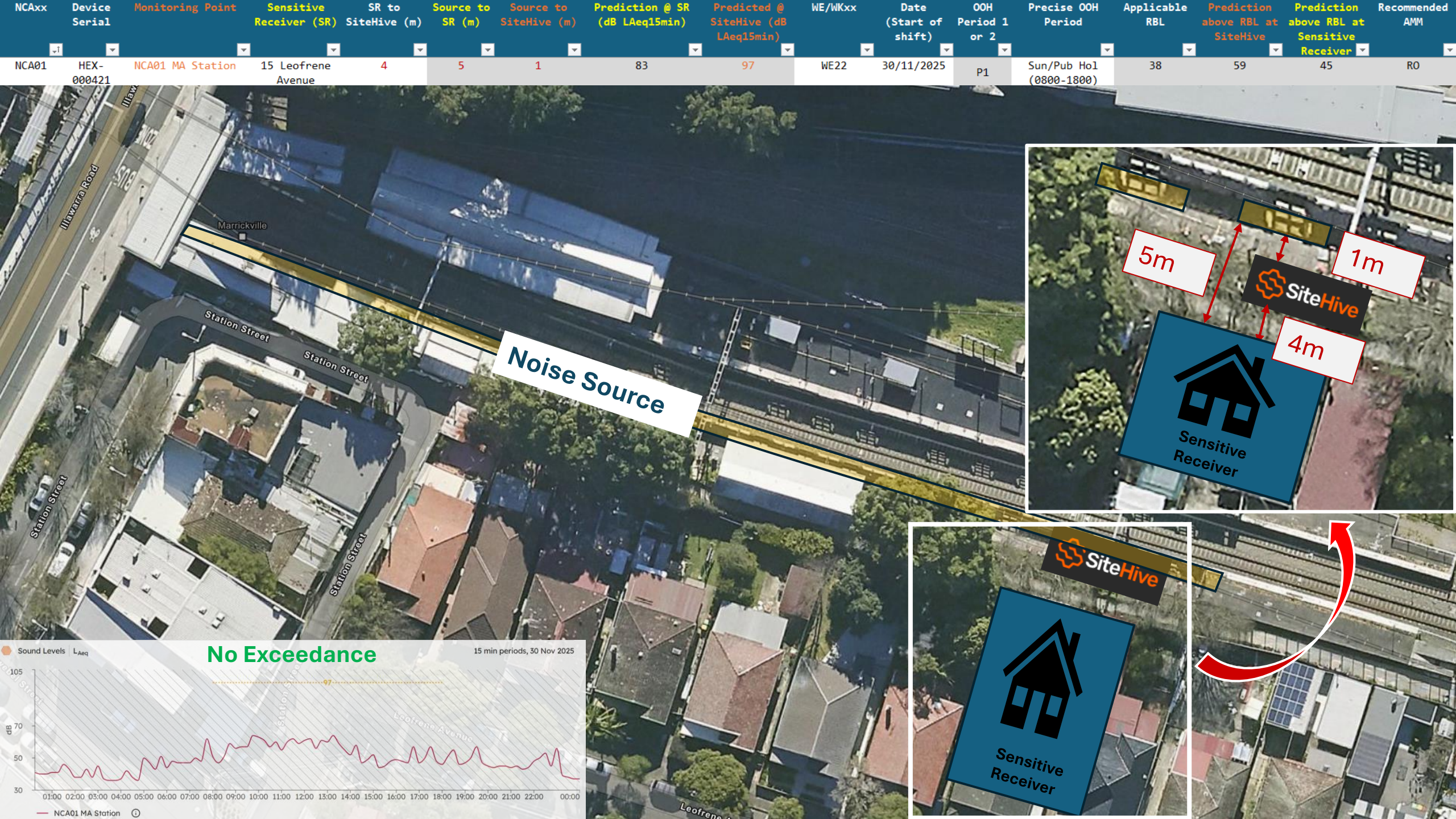




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NCA SSJ	HEX-000618	NCA SSJ Belmore St ARTC	47 Terry St	32	17	17	60	70	WE22	28/11/2025 to 29/11/2025	P2	Mon-Fri (2200-0700)	40	30	20	LB, M
NCA SSJ	HEX-000618	NCA SSJ Belmore St ARTC	47 Terry St	32	17	17	60	70	WE22	29/11/2025	P1	Sat (1800-2200)	41	29	19	LB
NCA SSJ	HEX-000618	NCA SSJ Belmore St ARTC	47 Terry St	32	17	17	60	70	WE22	29/11/2025 to 30/11/2025	P2	Sat (2200-0800)	40	30	20	LB, M
NCA SSJ	HEX-000618	NCA SSJ Belmore St ARTC	47 Terry St	32	17	17	60	70	WE22	30/11/2025	P1	Sun/Pub Ho1 (0800-1800)	41	29	19	LB
NCA SSJ	HEX-000618	NCA SSJ Belmore St ARTC	47 Terry St	32	17	17	60	70	WE22	30/11/2025	P1	Sat (1800-2200)	41	29	19	LB
NCA SSJ	HEX-000618	NCA SSJ Belmore St ARTC	47 Terry St	32	17	17	60	70	WE22	30/11/2025 to 01/12/2025	P2	Sun/Pub Ho1 (2200-0800)	40	30	20	LB, M

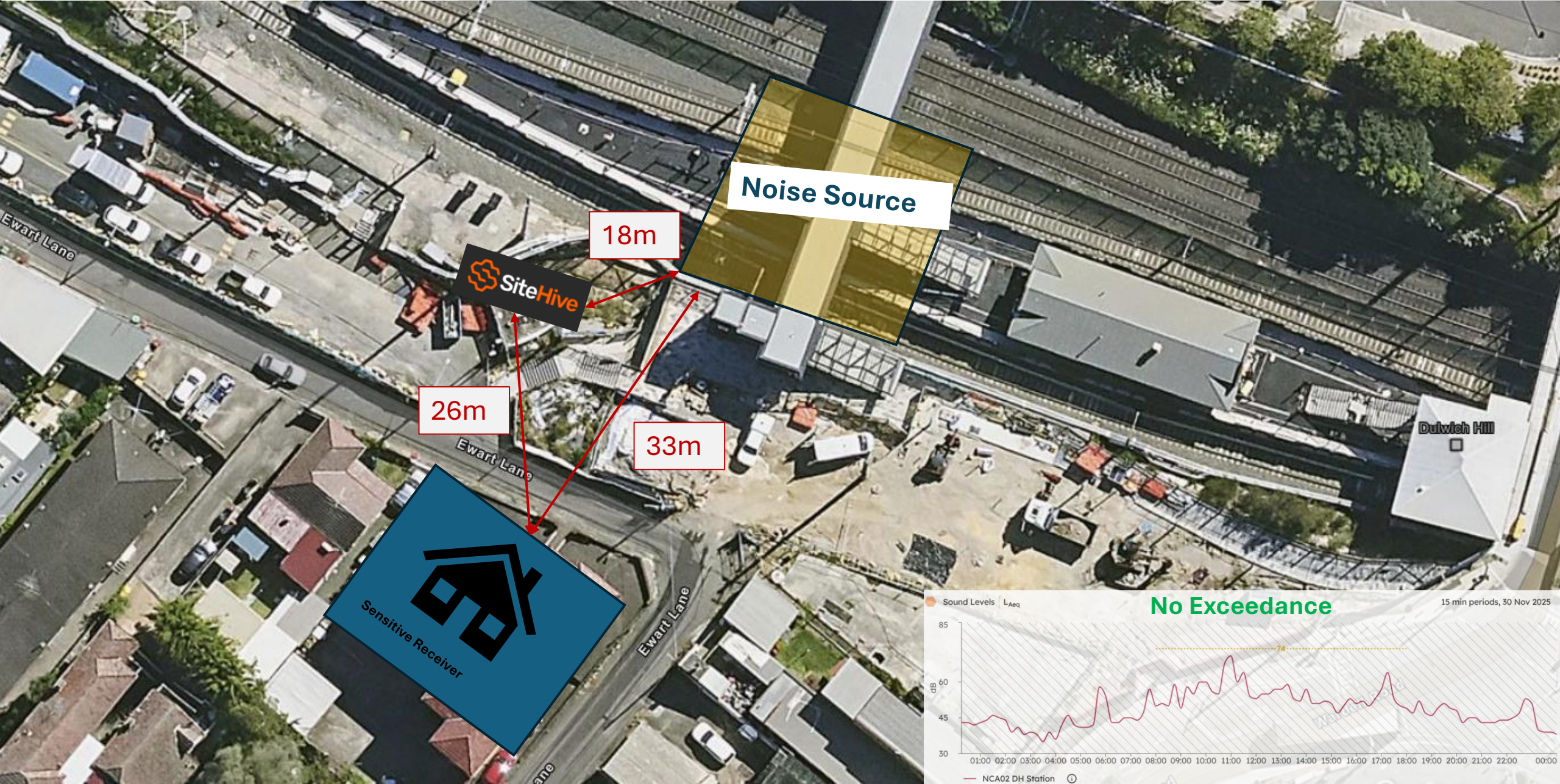








NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SR to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA02	HEX-000246	NCA02 DH Station	57A Ewart Street	26	33	18	69	74	WE22	30/11/2025	P1	Sun/Pub Ho1 (0800-1800)	38	36	31	R0





NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SR to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA02	HEX-000631	NCA02 Ewart St	73 Ewart Street	7	23	16	68	71	WE22	28/11/2025 to 29/11/2025	P2	Mon-Fri (2200-0700)	33	38	35	RO, AA
NCA02	HEX-000631	NCA02 Ewart St	73 Ewart Street	7	23	16	68	71	WE22	29/11/2025	P1	Sat (1800-2200)	38	33	30	M & LB
NCA02	HEX-000631	NCA02 Ewart St	73 Ewart Street	7	23	16	68	71	WE22	29/11/2025 to 30/11/2025	P2	Sat (2200-0800)	33	38	35	RO, AA
NCA02	HEX-000631	NCA02 Ewart St	73 Ewart Street	7	23	16	75	78	WE22	30/11/2025	P1	Sun/Pub Ho1 (0800-1800)	38	40	37	RO
NCA02	HEX-000631	NCA02 Ewart St	73 Ewart Street	7	23	16	68	71	WE22	30/11/2025	P1	Sat (1800-2200)	38	33	30	M & LB
NCA02	HEX-000631	NCA02 Ewart St	73 Ewart Street	7	23	16	68	71	WE22	30/11/2025 to 01/12/2025	P2	Sun/Pub Ho1 (2200-0800)	33	38	35	RO, AA









NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SR to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ Noise Monitor (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA04		Attended Monitoring (8 Broughton St, Canterbury NSW 2193, Back Wall)					67	67	WE22	30/11/2025	P1	Sun/Pub Hol (0800-1800)	40	27	27	M & LB



**Details of Attended Monitoring:**

**Date:** 30 November 2025    **Time:** 0900    **Duration:** 15 minutes

**Prediction:** L<sub>Aeq 15min</sub> = 67dB

**Field Observation:**

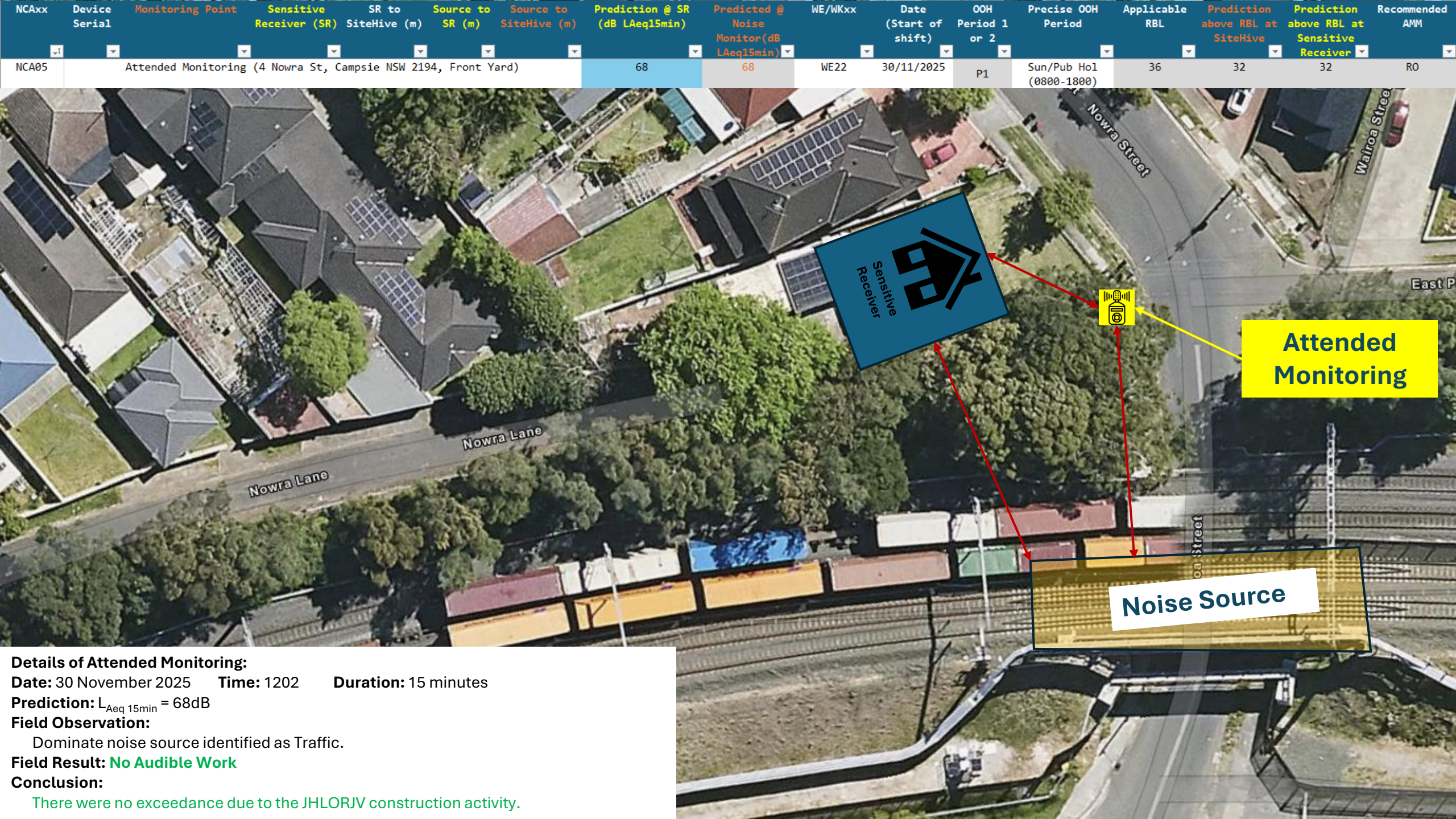
Dominate noise source identified as 12T Excavator idling, reverse squawker, moving material during the 15 minutes monitoring period.

**Field Result:** L<sub>Aeq 15min</sub> = 57dB    L<sub>AMax</sub> = 79.9dB    L<sub>AMin</sub> = 41dB

**Conclusion:**

There were no exceedance due to the JHLORJV construction activity.

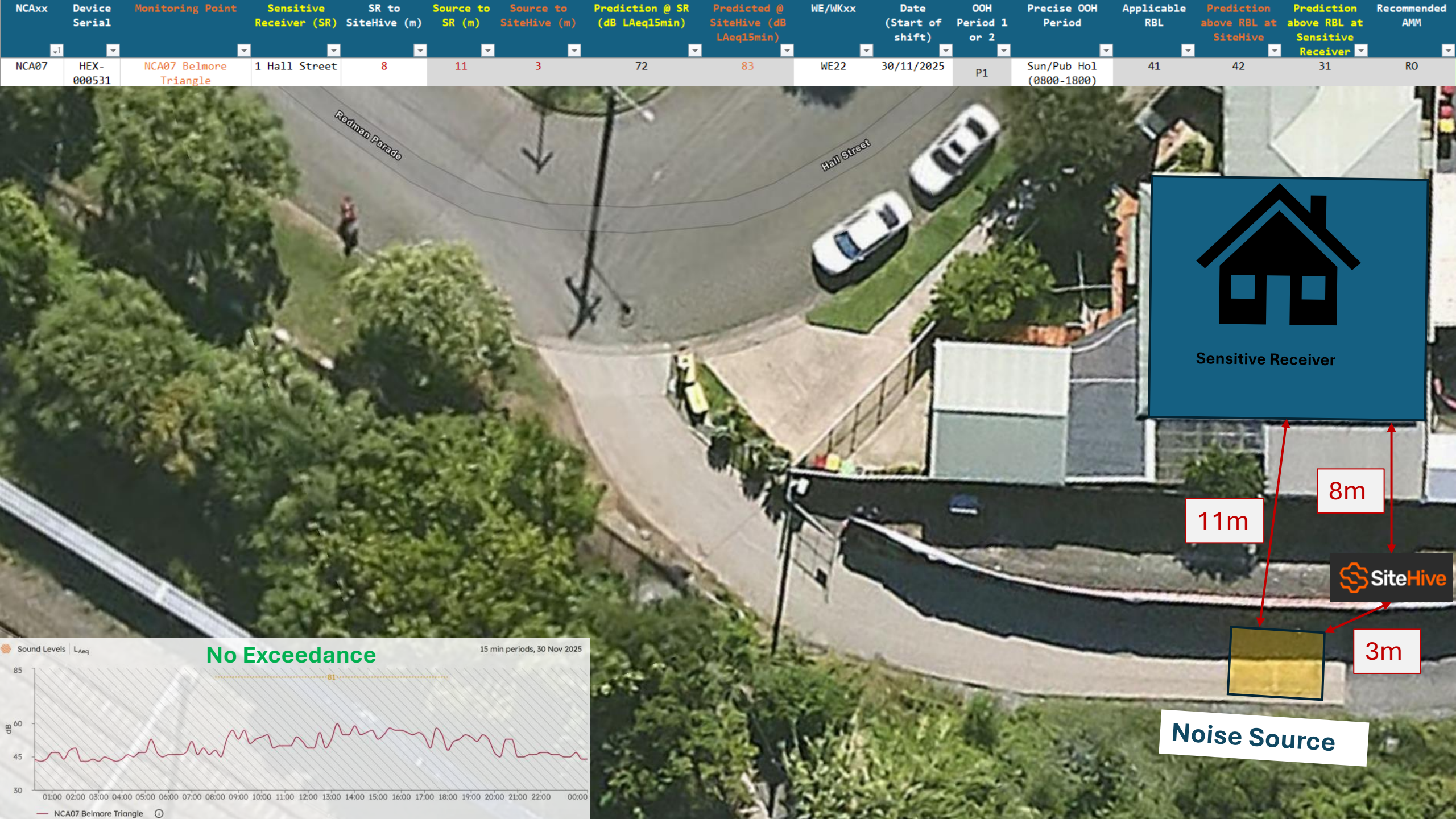














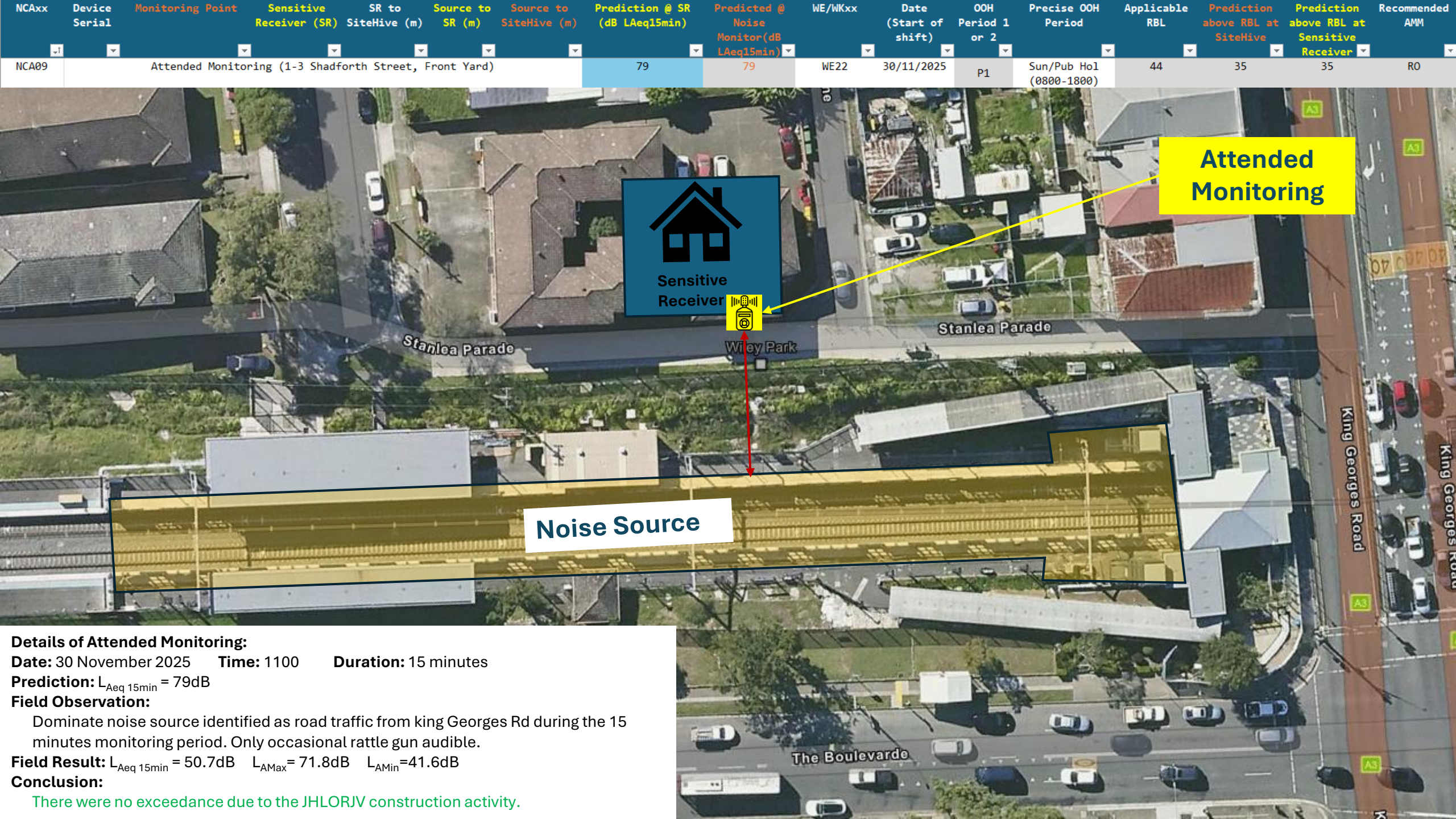




NCAxx	Device Serial	Monitoring Point	Sensitive Receiver (SR)	SR to SiteHive (m)	Source to SR (m)	Source to SiteHive (m)	Prediction @ SR (dB LAeq15min)	Predicted @ SiteHive (dB LAeq15min)	WE/WKxx	Date (Start of shift)	OOH Period 1 or 2	Precise OOH Period	Applicable RBL	Prediction above RBL at SiteHive	Prediction above RBL at Sensitive Receiver	Recommended AMM
NCA08	HEX-000758	NCA08 LKB Station	15-19 Croydon Street	43	46	15	69	79	WE22	30/11/2025	P1	Sun/Pub Ho1 (0800-1800)	47	32	22	M & LB







**Details of Attended Monitoring:**

**Date:** 30 November 2025    **Time:** 1100    **Duration:** 15 minutes

**Prediction:** L<sub>Aeq 15min</sub> = 79dB

**Field Observation:**

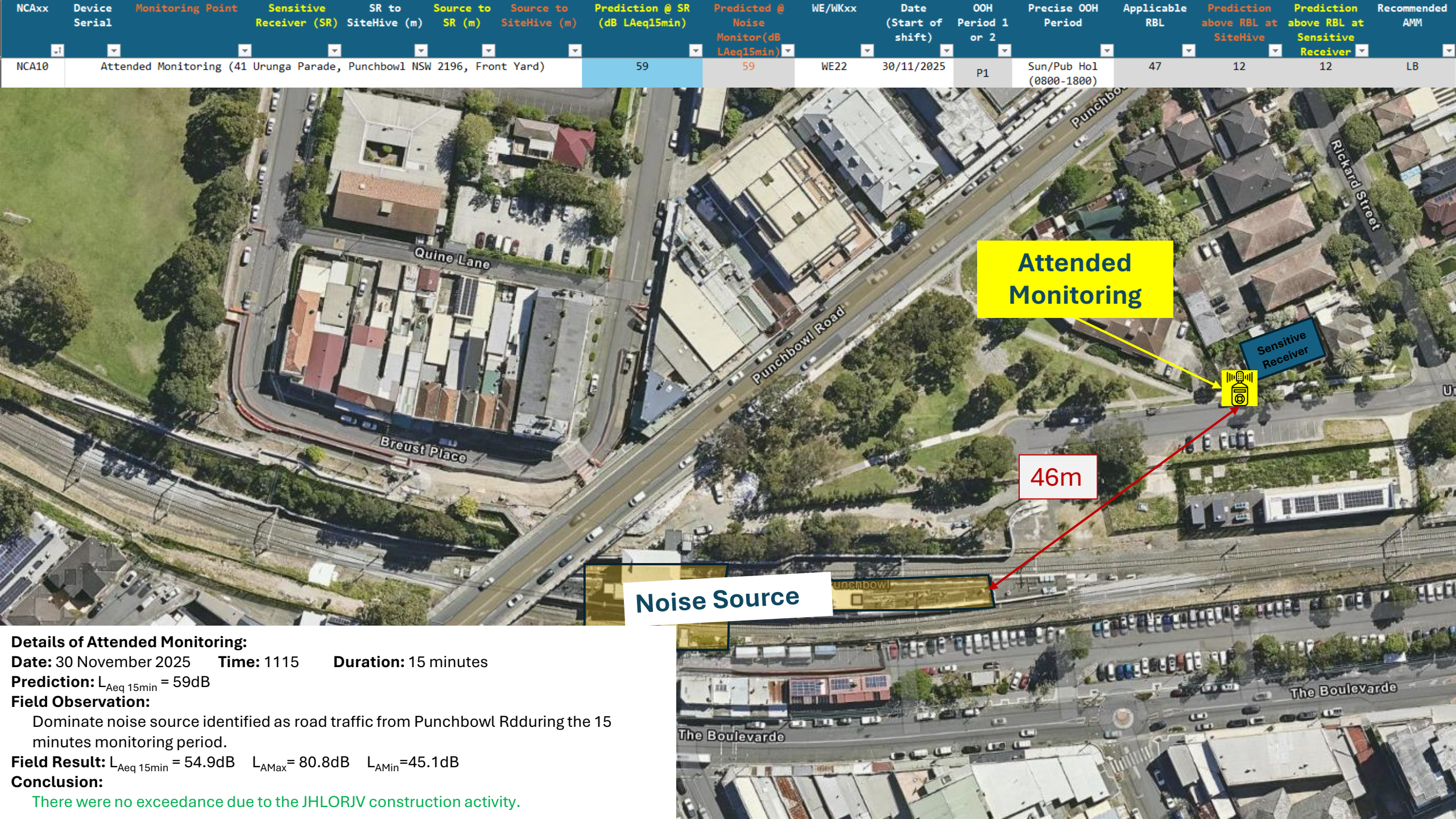
Dominate noise source identified as road traffic from king Georges Rd during the 15 minutes monitoring period. Only occasional rattle gun audible.

**Field Result:** L<sub>Aeq 15min</sub> = 50.7dB    L<sub>AMax</sub> = 71.8dB    L<sub>AMin</sub> = 41.6dB

**Conclusion:**

There were no exceedance due to the JHLORJV construction activity.







**A. Details of any exceedances of predicted noise levels;**

There was no exceedance due to works occurring.

**B. Details of the noise and vibration mitigation measures that were implemented as specified in the relevant Construction Noise and Vibration Impact Assessment for the worksite**

The mitigation measures that were implemented included:

- Planning process reduce OOH in more sensitive periods where possible (mostly Day OOH)
- All workers briefed at prestart of OOHW taking place.
- Works occur within the hours agreed in the OOHW only.
- All plant positioned so that the exhaust (or noisiest side of the plant) is pointing away from sensitive receivers, where possible.
- The engine of any plant is to be turned off when not in use
- Workers are not to shout, slam doors, drop objects or make any other unnecessary noise
- Workers are to be mindful of residents when mobilizing and demobilizing

Additional mitigation measures in accordance with the Sydney Metro Construction Noise and Vibration Strategy were implemented which included:

- Monthly notification
- Continuous monitoring
- Respite for receivers with potential noise impact of over 20dB and alternative accommodation offered for receivers with potential noise impact of over 30dB.

**C. The justification required under L5.5 & L5.6 for the carrying out of works outside of standard construction hours in L5.1.**

The works carried out on WE/WK22 (28<sup>th</sup> November 2200 to 30<sup>th</sup> November 2200 could only be safely conducted during a rail possession due to works occurring within the rail corridor/danger zone. Works were completed in accordance with EPL Condition L5.5 Local Possession (as dynamic testing is occurring during the week). Carrying out the construction activities during standard construction hours (specified in L5.1) would cause unacceptable risks to construction personnel safety; rail passenger and railways personnel safety and railway network operational reliability.

All feasible and reasonable at-source noise controls were implemented in accordance with Condition L4.1, and noise mitigation measures were implemented in accordance with JHLORJV's CNVIS and Interim Construction Noise Guideline (DECC 2009).

**R4.4 (b) The validation report must be submitted to the EPA fortnightly from the commencement of the works permitted by L5.5 & L5.6 by no later than 2 business days from the end of each fortnight.**

This R4.4 Validation report has been submitted to EPA by no later than two business days after the end of the fortnight.



## Attachment 1 – Community Notification

Community Notifications were provided to residents of Sydenham, Marrickville, Dulwich Hill, Hurlstone Park, Canterbury, Campsie, Belmore, Lakemba, Wiley Park, Punchbowl and Bankstown.

Community notifications for works undertaken at the previously stated locations available upon request.