

PSF OUT-OF-HOURS WORK PERMIT

(For works conducted under DPIE approval)

Permit No.	013		Application Date	09/02/2021
Revision No.	01		Revision Date	24/02/2021
Summary of Update (details of revision)	01	Revised following DPIE comments		
Title of Works	Addison and Enmore Road trenching, conduit, joint bay and cable installation, temporary road restoration.			
Person Requesting OOHW	Colin O’Mahony			

1.0 - JUSTIFICATION	
Justification for OOHW	Roads authority have requested the works be completed both day and night to minimise impact to road users.
DPIE Condition under which works are permitted	<p><i>Include additional details if required</i></p> <p>The work is permitted under the following clause of DPIE Condition of Approval:</p> <p>E4 (c): Linear infrastructure – Works in classified road reserves and signalised intersections.</p> <p>E6 (c): works approved under an Out-of-Hours Work Protocol</p>
Consideration of Community Impacts	<p>See Section 7.0 below for discussion on community. For the majority of the works programme, respite will be provided over and above that agreed during consultation ie. two nights respite per week rather than one. Additional effort was made to consult along Addison and Enmore Roads to increase feedback rates. Assuming the below scenarios are approved by DPIE & Roads authority, we anticipate the previously consulted 120 OOH's shifts will be reduced by approximately 50%.</p>

2.0 – DESCRIPTION OF THE WORKS		
Details of Work <input checked="" type="checkbox"/> Map attached at end of form (showing location / work extent / nearest sensitive receivers / landscape)	Location & Chainage	Approximately CH16,100 Illawara Road to CH16,900 Scouller Street, along Addison Road and Enmore Road.
	Description of works	Trenching, conduit installation, joint bay & ancillary pit installation, cable hauling, cable jointing and temporary road restoration.
	Proposed dates + time (incl contingency)	<p>Work is scheduled to take place between 08/03/2021 and 30/05/2021.</p> <p>OOHW within this application has been broken up into four packages. See maps of locations below and approximate timings for the work. Exact timings and shift patterns will depend on final agreement with council and roads authority regarding Road Occupancy Licences.</p> <p>No work scheduled for public holidays (or during day of Orthodox Easter).</p>

2.0 – DESCRIPTION OF THE WORKS

Package 1: Enmore Road between Addison Road and Scouller Street

Commence approx. 08/03/21



Timing (Road authority approvals pending):

Night shift only – approx. 3 weeks. Work will take place 18:00-06:00 on a maximum of 6 consecutive nights per week. As the work front progresses, individual receivers are likely to be directly impacted for no more than 1 week.

2.0 – DESCRIPTION OF THE WORKS

Package 2: Cook Road to Enmore Road:

Commence approx. 22/03/21



Timing (Road authority approvals pending):

Night shift only – approx. 4 weeks. Work will take place 18:00-06:00 on a maximum of 6 consecutive night shifts per week as per preference indicated via community consultation.

OR

24/7 shifts – approx. 2 weeks (Work will take place over 6 days Mon – Sat, 06:00 – 18:00 & 5 night shifts, 18:00 - 06:00).

As the work front progresses, individual receivers are likely to be directly impacted for no more than 2 weeks.

2.0 – DESCRIPTION OF THE WORKS

Package 3: Addison Road between Wemyss Street and Cook Road: Commence April 2021



Timing (Road authority approvals pending):

Night shift only – Approx 7 weeks (Work will take place 18:00-06:00 on a maximum of 6 consecutive nights as per preference indicated via community consultation).

OR

24/7 shifts - Approx 4 weeks (Work will take place over 6 days Mon – Sat, 06:00 – 18:00 & 5 night shifts, 18:00 - 06:00).

As the work front progresses, individual receivers are likely to be directly impacted for no more than 3 weeks.

2.0 – DESCRIPTION OF THE WORKS

Package 4: Illawarra Road and Addison Road intersection to Wemyss Street

Commence April 2021



Timing (Road authority approvals pending):

Full weekend - 2 full weekend closures (Fri 18:00 – Mon 06:00)

OR

24/7 shifts – 2 weeks (Work will take place over 6 days Mon – Sat, 06:00 – 18:00 & 5 night shifts, 18:00 - 06:00)

OR

Night shift only – 4 weeks (Work will take place 18:00-06:00 on a maximum of 6 consecutive nights as per preference indicated via community consultation)

As the work front progresses, individual receivers are likely to be directly impacted for no more than 2 weeks.

2.0 – DESCRIPTION OF THE WORKS

	Proposed Timings and activities	‘Night shift only’ indicative shift pattern					
		(max 6 consecutive nights per week).					
		<div>Night 1</div> <div>12 hours</div> <div>18:00-06:00</div>	<div>Night 2 –</div> <div>12 hours</div> <div>18:00-06:00</div>	<div>Night 3 –</div> <div>12 hours</div> <div>18:00-06:00</div>	<div>Night 4 –</div> <div>12 hours</div> <div>18:00-06:00</div>	<div>Night 5 –</div> <div>12 hours</div> <div>18:00-06:00</div>	<div>Night 6 –</div> <div>12 hours</div> <div>18:00-06:00</div>
<div>High impact works to be completed prior to midnight where practical.</div> <div>Anytime:</div> <div>Excavation</div> <div>Conduit install</div> <div>TSB</div> <div>Cable works</div> <div>Temporary road restorations</div>	<div>High impact works to be completed prior to midnight where practical.</div> <div>Anytime:</div> <div>Excavation</div> <div>Conduit install</div> <div>TSB</div> <div>Cable/joint bay install</div> <div>Temporary road restorations</div>	<div>High impact works to be completed prior to midnight where practical.</div> <div>Anytime:</div> <div>Excavation</div> <div>Conduit install</div> <div>TSB</div> <div>Cable/joint bay install</div> <div>Temporary road restorations</div>	<div>High impact works to be completed prior to midnight where practical.</div> <div>Anytime:</div> <div>Excavation</div> <div>Conduit install</div> <div>TSB</div> <div>Cable/joint bay install</div> <div>Temporary road restorations</div>	<div>High impact works to be completed prior to midnight where practical.</div> <div>Anytime:</div> <div>Excavation</div> <div>Conduit install</div> <div>TSB</div> <div>Cable/joint bay install</div> <div>Temporary road restorations</div>	<div>High impact works to be completed prior to midnight where practical.</div> <div>Anytime:</div> <div>Excavation</div> <div>Conduit install</div> <div>TSB</div> <div>Cable/joint bay install</div> <div>Temporary road restorations</div>	<div>No work</div>	

2.0 – DESCRIPTION OF THE WORKS

'24/7' indicative shift pattern

6 day shifts and 5 night shifts per week during the proposed dates.

Mon	Tues	Wednesday	Thursday	Friday	Saturday	Sunday
17 hours 06:00-23:59	24 hours 00:00-23:59	24 hours 00:00-23:59	24 hours 00:00-23:59	24 hours 00:00-23:59	18 hours 00:00-18:00	Respite
Respite – No works before 6am	High impact works to be completed prior to midnight where practical.	High impact works to be completed prior to midnight where practical.	High impact works to be completed prior to midnight where practical.	High impact works to be completed prior to midnight where practical.	Respite – No work after 6pm	Respite – No work
High impact works to be completed prior to midnight where practical.	Anytime: Excavation Conduit install	Anytime: Excavation Conduit install	Anytime: Excavation Conduit install	Anytime: Excavation Conduit install	High impact works will be completed during day shift.	
Anytime: Excavation Conduit install	TSB Cable/joint bay install	TSB Cable/joint bay install	TSB Cable/joint bay install	TSB Cable/joint bay install	Anytime: Excavation Conduit install TSB Cable/joint bay install	
TSB Cable works	Temporary road restorations	Temporary road restorations	Temporary road restorations	Temporary road restorations	Temporary road restorations	
Temporary road restorations						

2.0 – DESCRIPTION OF THE WORKS

		‘Full weekend’ indicative shift pattern				
	eg	Shift 1 (18:00 Fri – 06:00 Sat)	Shift 2 (06:00-18:00 Sat)	Shift 3 (18:00 Sat – 06:00 Sun)	Shift 4 (06:00 – 18:00 Sun)	Shift 5 (18:00 Sun – 06:00 Mon)
	1	High impact works to be completed prior to midnight where practical. Anytime: Excavation Conduit install TSB Cable/joint bay install Temporary road restorations	High impact works to be completed prior to midnight where practical. Anytime: Excavation Conduit install TSB Cable/joint bay install Temporary road restorations	High impact works to be completed prior to midnight where practical. Anytime: Excavation Conduit install TSB Cable/joint bay install Temporary road restorations	High impact works to be completed prior to midnight where practical. Anytime: Excavation Conduit install TSB Cable/joint bay install Temporary road restorations	High impact works to be completed prior to midnight where practical. Anytime: Excavation Conduit install TSB Cable/joint bay install Temporary road restorations
Details on any concurrent construction activities being undertaken OOWH adjacent / in close proximity to the proposed works?		N/A				
Names of Foremen supervising the work		TBC				
Subcontractor Details		Garde Services Durkin Locators				

3.0 – SENSITIVE RECEIVERS

Distance to Nearest Sensitive Noise Receiver	Sensitive Receiver	Distance	Sensitive Receiver	Distance
	<input type="checkbox"/> Place of Worship		<input type="checkbox"/> Educational Institution (inc. Child Care Centres	

3.0 – SENSITIVE RECEIVERS

	<input type="checkbox"/> N+V Sensitive Business and critical working area (eg. theatre, health services)		<input checked="" type="checkbox"/> Nearest Residential Receiver	6m
	<input type="checkbox"/> Not applicable (no sensitive receivers impacted)			
	<i>Where one of the above is checked, noise generating works must not be timetabled within sensitive periods, unless otherwise agreed with the affected receiver. This must be determined through ongoing consultation with the community in accordance with the Community Consultation Strategy.</i>			
	Has the sensitive receiver been consulted on these works and proposed respite options? (refer to CoA E9). List outcomes of consultation below <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Comments Two rounds of community consultation have been conducted via notification distribution and phone calls/emails to inform this permit application. See attached. Further community notifications will be distributed 7 days ahead of works commencing. Individual briefings will be conducted for those requesting them or deemed highly sensitive by the Community Relations Manager (COVID situation pending). Project specific respite offers, for example movie tickets, may be offered to members of the community subjected to lengthy periods of noise or vibration. This will be determined on a case-by-case basis.			

4.0 – PLANT & EQUIPMENT

Plant and equipment to be used: List all plant and noise generating equipment to be used during the work activities (eg. hand tools, generators, crane etc)	13t Excavator & hammer Pavement saw-cutting equipment Vacuum excavation units 5t excavator & hammer Truck & dogs 8-wheeler bogie Concrete agitators Compaction equipment (Whackers, plate compactors) Smooth drum roller Light vehicles Hand-held power tools
Are alternative, quieter / less vibration intensive equipment options feasible for the activity? If yes, why are these not being used?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

5.0 – TRAFFIC MANAGEMENT

Will the work require traffic control?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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5.0 – TRAFFIC MANAGEMENT

Describe the location and nature of proposed disruption to traffic.	During works, traffic will be maintained but diverted around the work sites on Addison Road and Enmore Road. Traffic on side streets will be maintained via diversion.
List any ROLs for the works	TBC

6.0 – LIGHTING

What lighting is to be provided for night work?	Daymakers Balloon lights
Will lighting be positioned to minimise light spill to nearby receivers?(Refer AS4282-1997 and AS/NZ 1158).	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

7.0 – NOISE & VIBRATION ASSESSMENT

Reference: NMC Noise Objective Noise Management Level (NML) Sleep Disturbance Level (night only) Predicted L_{max}/L_{A1}	NCA:	05			
	Type of OOHW:	Trenching, conduit, joint bay and cable installation			
	NML:	45			
	SDL:	65			
	Predicted:	75-85			
Acoustic Assessment to determine if works are above RBL +5dB(A) at closest receiver	<input type="checkbox"/>  Below NML <input type="checkbox"/>  <5dB(A) above NML – construction noise noticeable <input type="checkbox"/>  5 to 15dB(A) above NML – construction noise clearly audible <input type="checkbox"/>  >15 to 25dB(A) above NML – construction noise moderately intrusive <input checked="" type="checkbox"/>  >25dB(A) above NML – construction noise highly intrusive				
What measures are being taken to reduce noise impacts	<input type="checkbox"/> No added measures <input checked="" type="checkbox"/> Restrictive tools (<i>list</i>) – no greater than 13tonne excavator. Reverse quackers on trucks. <input checked="" type="checkbox"/> Balloon lights <input checked="" type="checkbox"/> Noise attenuation curtains <input checked="" type="checkbox"/> High noise impact respite <input checked="" type="checkbox"/> Other (<i>list</i>) – Road plates to be secured to minimise noise due to passing traffic.				
Noise monitoring required?	<input checked="" type="checkbox"/> Yes – Compliance monitoring to be carried out within the first two shifts (weather pending). <input type="checkbox"/> No				

7.0 – NOISE & VIBRATION ASSESSMENT																	
	<p>Nominated Verification monitoring locations:</p> <table border="1"> <thead> <tr> <th>Worksite</th> <th>NCA</th> <th>Nominated receiver</th> </tr> </thead> <tbody> <tr> <td>Package 1</td> <td>NCA5</td> <td>365 Enmore Road (Residential)</td> </tr> <tr> <td>Package 2</td> <td>NCA5</td> <td>12-18 Addison Road (Hostel/student accommodation)</td> </tr> <tr> <td>Package 3</td> <td>NCA5</td> <td>79 Addison Road (Residential)</td> </tr> <tr> <td>Package 4</td> <td>NCA5</td> <td>122 Addison Road (Mixed commercial/residential)</td> </tr> </tbody> </table> <p>*</p>		Worksite	NCA	Nominated receiver	Package 1	NCA5	365 Enmore Road (Residential)	Package 2	NCA5	12-18 Addison Road (Hostel/student accommodation)	Package 3	NCA5	79 Addison Road (Residential)	Package 4	NCA5	122 Addison Road (Mixed commercial/residential)
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Package 4	NCA5	122 Addison Road (Mixed commercial/residential)															
<p>Are vibration impacts above Human Comfort levels expected?</p>	<p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No</p> <p>Refer to OOH CNVIS Table 5</p>	<p>If yes, state number of properties expected to be impacted?</p> <p>No. of properties: Barely noticeable – 03</p> <p>Noticeable - 31</p>															
<p>Is vibration monitoring required?</p> <p>Refer to CNVMP/Monitoring Programme</p>	<p><input checked="" type="checkbox"/> Yes – Compliance monitoring to be carried out within the first two shifts (weather pending).</p> <p><input type="checkbox"/> No</p> <p>Nominated Verification monitoring location: As above for noise locations.</p>																
<p>Community notification required?</p>	<p>Yes. Community notifications will be undertaken as per the approved Community Communication Strategy (CCS), including;</p> <p>Consultation on preferred respite option</p> <p>Letters notifying of work activities to be delivered 7 days before.</p> <p>A door knock will be done for the sensitive receivers immediately adjacent to the works as per CNVMP (COVID situation pending). Individual briefings may be held where requested by the Community or where deemed appropriate by the Community Team Manager (COVID situation pending).</p>																
<p>Evidence of consultation and results</p>	<p><u>Consultation documentation submitted with this application.</u></p> <p><u>Summary of Results:</u></p> <p>355 receivers consulted on preferred respite via notification. 42 consulted via phone calls and emails. 24 responses received.</p> <p>Of those expressing a preference, 94% favoured option 2, up to six consecutive OOH shifts per week. As discussed at Section 2, where work is undertaken on night shift only, or at weekends, there will be a maximum of six consecutive night shifts per week. Where work is undertaken 24/7, there will be a maximum of six consecutive day shifts and five consecutive night shifts per week, to provide additional respite to the community.</p>																

8.0 – OOHW RISK LEVEL ASSESSMENT

Insert snip from Risk Level calculation sheet and attach worksheet separately

Low Risk (1-6)
Moderate (7-9)
High (10-12)

Low and Moderate risk work may be approved by the ESM.

High risk work must be approved by the Planning Secretary.


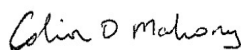
Overall Risk Assessment	Sum of Risk Factor Scores	Approval Path
Low 1 Risk Activity	1 - 6	Environment and Sustainability Manager
Moderate 2 Risk Activity	7 - 9	Environment and Sustainability Manager
High Risk Activity	10 - 12	Planning Secretary

Your total Risk score is:

12

Risk level calculator worksheet attached with application.

Work to be approved by Planning Secretary as per CoA E8(e).

9.0 AUTHORISATION/SITE ACCEPTANCE					
9.1 Environment & Sustainability Manager (Approval)					
<p>Approval Authority for works with Low or Medium Risk level on OOHW Risk Table as per section 8.0</p> <p>I confirm these works have been appropriately assessed under the OOHW Protocol as per CoA E8 and E9.</p> <p>The specified mitigation and management measures shall be implemented including:</p> <ul style="list-style-type: none"> No more than six consecutive night shifts per week when undertaking nightshift or weekend works. No more than five consecutive night shifts per week when undertaking 24/7 works. High impact noise will be completed between 07:00-00:00 where practical. Noise and vibration verification monitoring within the first two shifts (weather dependent). Installation of noise barriers around high impact works where safe to do so. Respite 1hr for every 3hr of continuous high impact noise. Selection of appropriate plant and equipment. Individual community briefings ahead of works commencing, and during works, as required (COVID situation dependent). Project specific respite offers may be made for residents impacted by lengthy periods of works. To be determined on a case-by-case basis. 					
Name	Tom Spillane	Signature		Date	24/02/2021
9.2 Planning Secretary (Approval)					
REQUIRED					
Name		Signature		Date	
9.3 Construction Supervisor/Project Manager (Site Acceptance)					
<p>I confirm the following:</p> <ul style="list-style-type: none"> OOH permit will be kept on site where work is occurring Respite and mitigation measures will be implemented Any changes to works which may affect this approval shall be communicated to the Environment and Community Manager 					
Name	Colin O'Mahony	Signature		Date	24/02/2021

Attachment – Map of Works Location

Out-of-hours work map

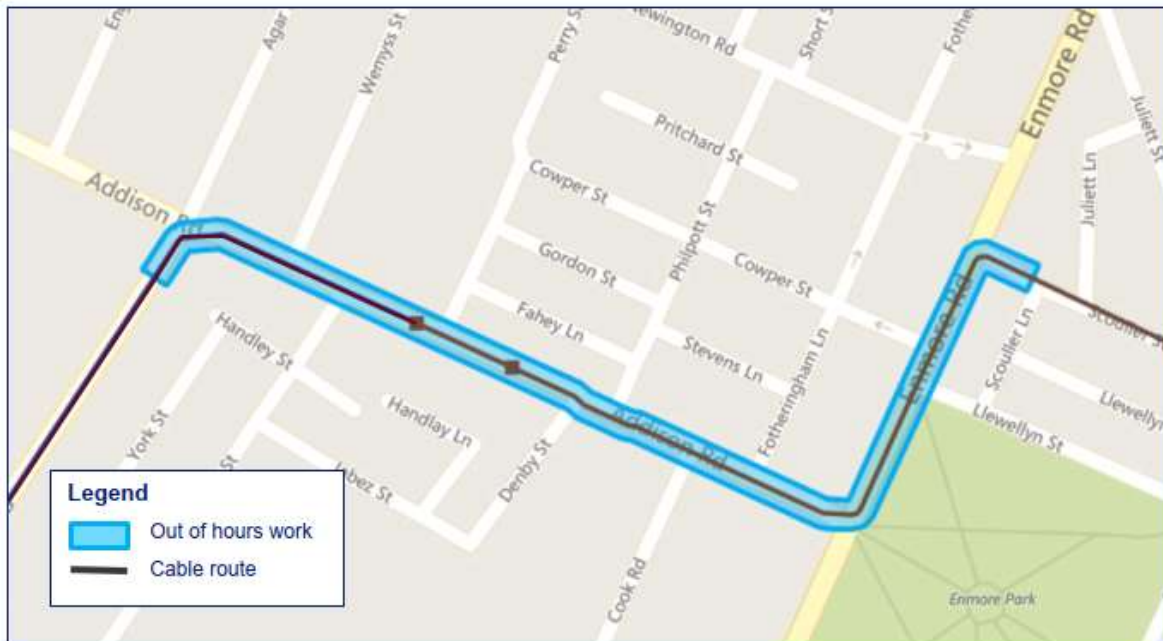


Figure 1: Map of works location

Attachment – Map of Works Location



Figure 2a: Map of potentially noise impacted receivers at Illawarra Road and Addison Road intersection.

Attachment – Map of Works Location

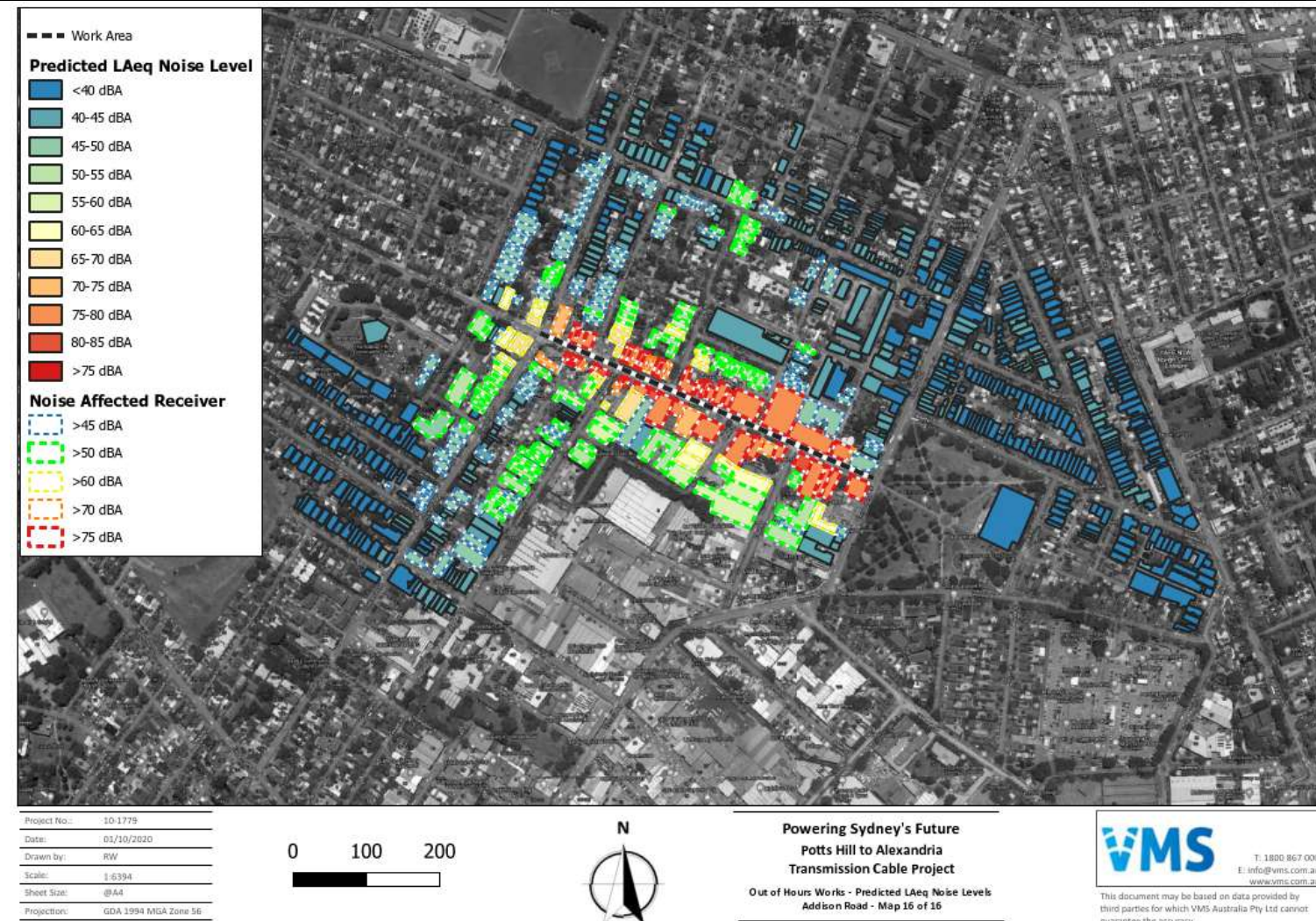


Figure 2b: Map of potentially noise impacted receivers along Addison Road.

Attachment – Map of Works Location

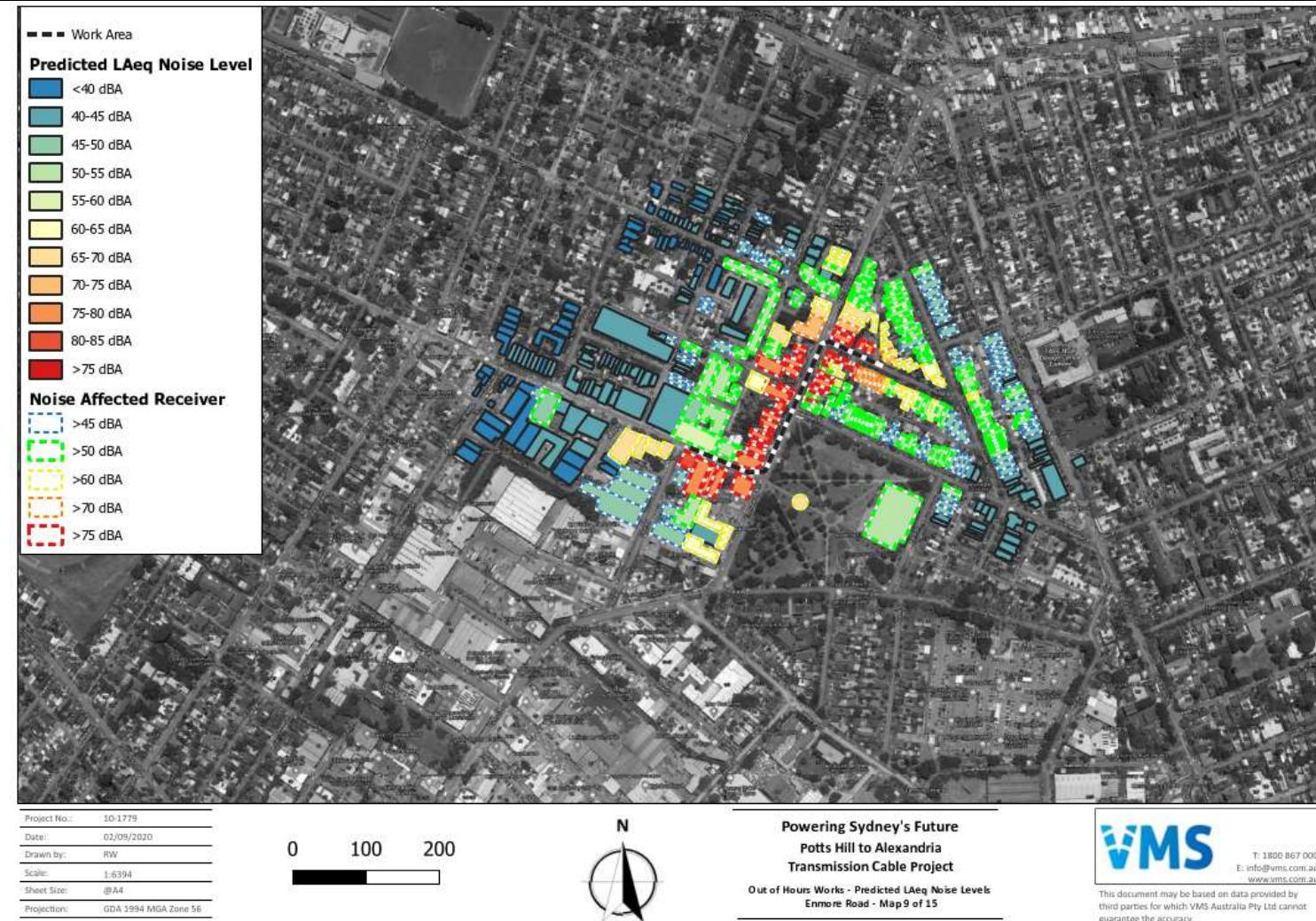


Figure 2c: Map of potentially noise impacted receivers along Enmore Road between Addison Road and Scouller Street.

Attachment – Map of Works Location

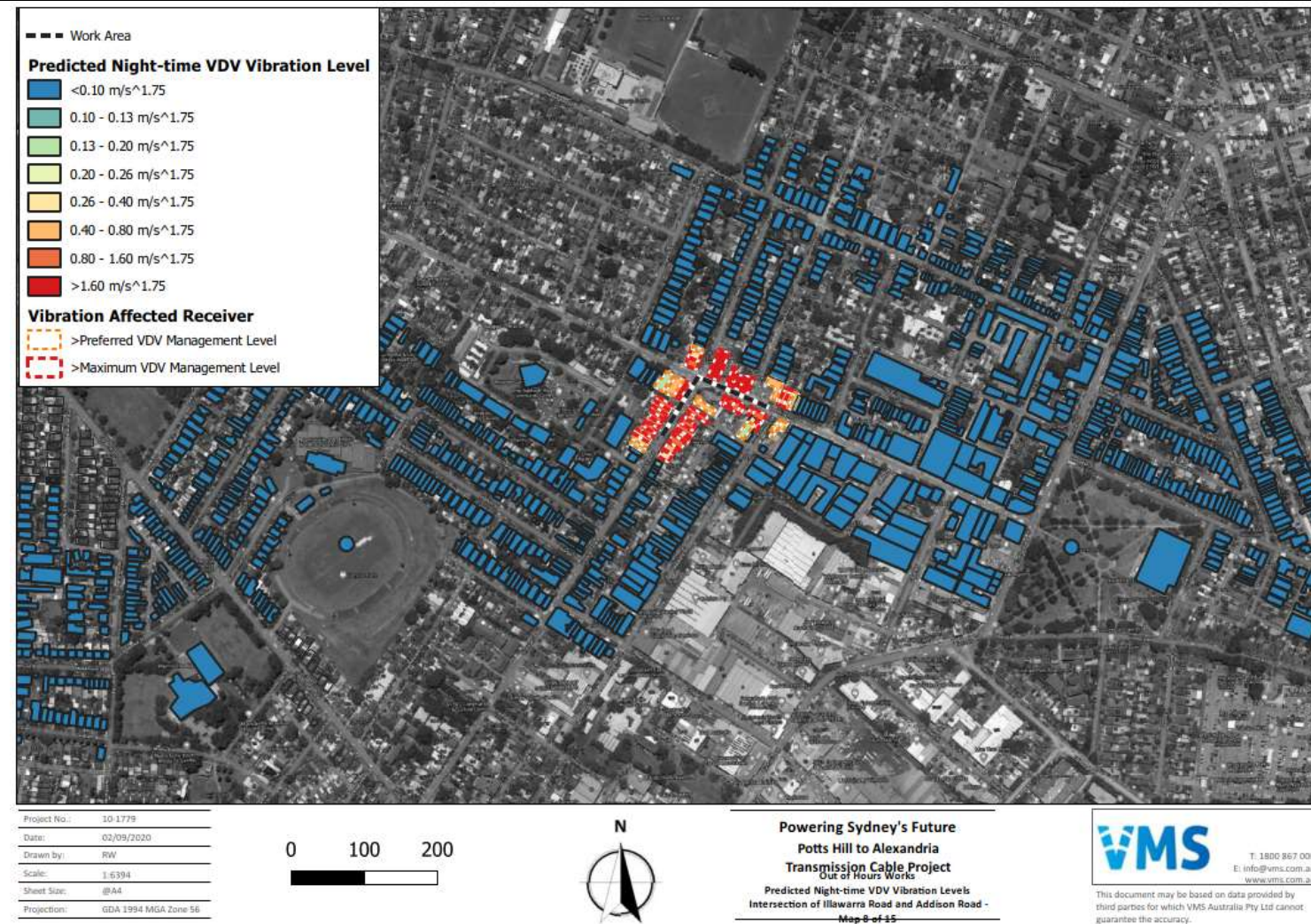


Figure 3a: Map of potentially vibration impacted receivers at Illawarra Road and Addison Road intersection.

Attachment – Map of Works Location

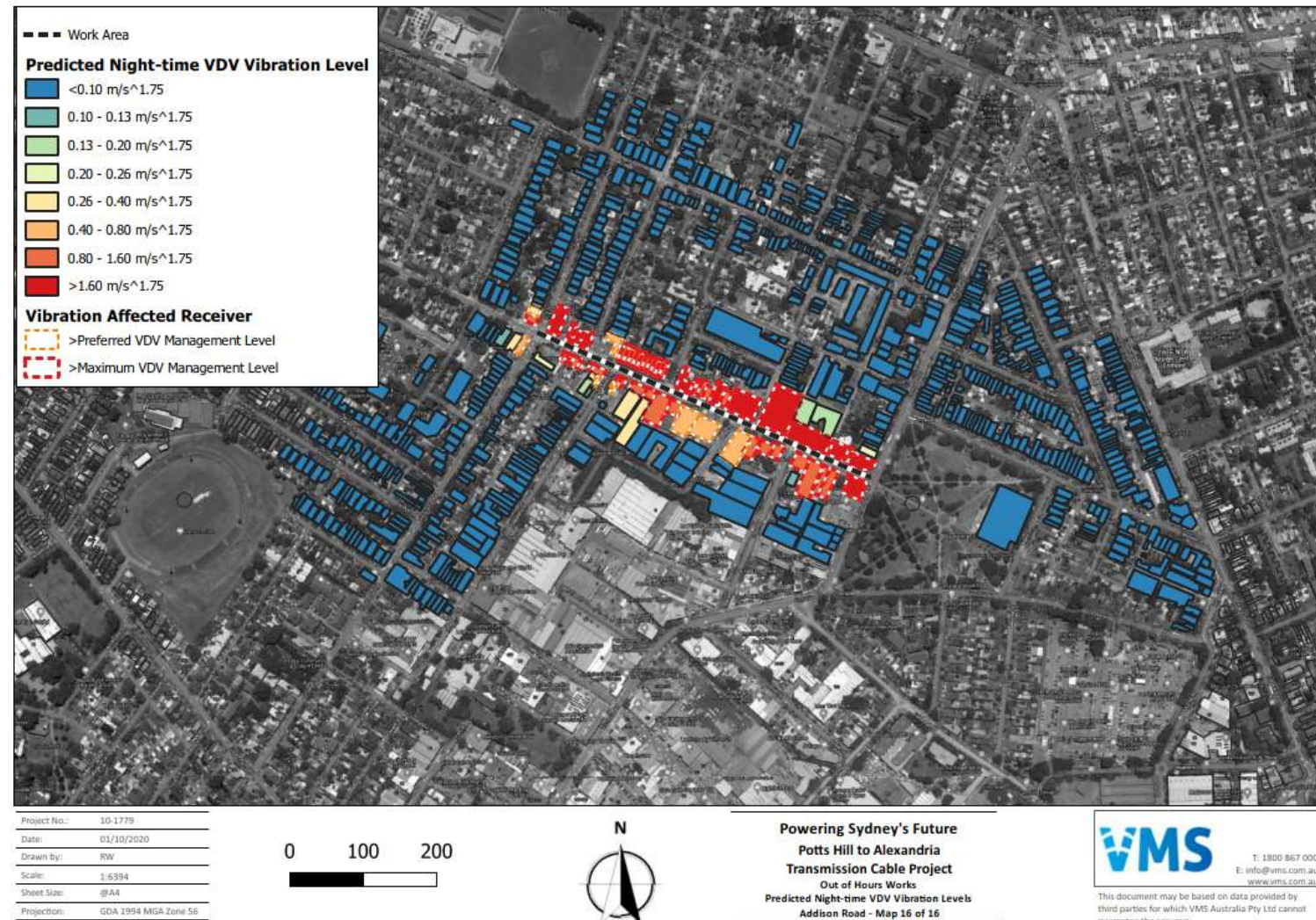


Figure 3b: Map of potentially vibration impacted receivers along Addison Road.

Attachment – Map of Works Location



Figure 3c: Map of potentially vibration impacted receivers along Enmore Road between Addison Road and Scouller Street.

Out of Hours Work

Activity Works	Activity / Impact	Time
Linear Infrastructure - Site preparation, trenching, excavation, joint bays, restoration of road services, other <input type="checkbox"/>	Delivery and Police <input type="checkbox"/>	Monday - Friday 7am - 6pm <input type="checkbox"/>
Substation Upgrade Works <input type="checkbox"/>	Emergency <input type="checkbox"/>	Monday - Friday 6pm - 7am <input checked="" type="checkbox"/>
Linear Infrastructure - Works in Classified Road Reserves and Signalised intersections, cable pulling and jointing <input checked="" type="checkbox"/>	Approved under Existing OOHW protocol <input type="checkbox"/>	Saturday 8am - 1pm <input type="checkbox"/>
Special crossings - Cable bridges and underboring <input type="checkbox"/>	> 75dBA COA E5 <input checked="" type="checkbox"/>	Saturday 1pm - 8am <input type="checkbox"/>
Construction Laydown Area <input type="checkbox"/>	>RBL + 5dBA <input type="checkbox"/>	Sundays and Public Holidays <input type="checkbox"/>
	<=45 NML <input type="checkbox"/>	
	> 45 NML <input type="checkbox"/>	
	Vibration perceptible inside Residence <input type="checkbox"/>	

OOHW Protocol is Triggered!!!

Receiver type	Day OOHW 7am - 6pm	Evening OOHW 6pm - 10pm	Night OOHW 10pm - 7am	Notes
Childcare	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	Not Operating during OOH
Commercial	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	Sensitivity of Premises to be confirmed through consultation
Industrial	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	Sensitivity of Premises to be confirmed through consultation
Educational	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	Not operating during OOH
Hotel	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	<input type="radio"/> Mod (2)	Sensitivity of Premises to be confirmed through consultation
Medical	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	Sensitivity of Premises to be confirmed through consultation
Place of Worship	<input type="radio"/> Mod (2)	<input type="radio"/> Mod (2)	<input type="radio"/> Low (1)	Sensitivity of Premises to be confirmed through consultation
Recording Studio	<input type="radio"/> Mod (2)	<input type="radio"/> Mod (2)	<input type="radio"/> Low (1)	Sensitive periods during operational periods as agreed with facility through consultation
Recreation (active)	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	Sensitive periods during normal periods of use and review of special events calendar

Recreation (Passive)	<input type="radio"/> Mod (2)	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	Sensitive periods during normal periods of use and review of special events calendar
Residential	<input type="radio"/> Low (1)	<input type="radio"/> Mod (2)	<input checked="" type="radio"/> High (3)	Risk subject to complaints management. Respite periods to be consulted for Highly Noise Intensive Works
Restaurant (Outdoor Dining)	<input type="radio"/> Mod (2)	<input type="radio"/> Mod (2)	<input type="radio"/> Mod (2)	Sensitivity of premises to be confirmed through consultation

Exceedance of NML	Day OOHW 7am - 6pm	Evening OOHW 6pm - 10pm	Nicht OOHW 10pm - 7am	Qualitative Description
<5dB	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	Barely noticeable exceedance of the NML
5 - 15 dB	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	<input type="radio"/> Mod (2)	Noticeably audible exceedance of the NML
15 - 25 dB	<input type="radio"/> Low (1)	<input type="radio"/> Mod (2)	<input type="radio"/> Mod (2)	Clearly audible exceedance of the NML
>25 dB	<input type="radio"/> Mod (2)	<input type="radio"/> High (3)	<input type="radio"/> High (3)	Intrusive exceedance of the NML
>75 dBa	<input type="radio"/> Mod (2)	<input type="radio"/> High (3)	<input checked="" type="radio"/> High (3)	Highly affected receivers

Vibration Assessment in Residential Areas (click here if Not Applicable) <input type="radio"/>	Day OOHW 7am - 6pm	Evening OOHW 6pm - 10pm	Nicht OOHW 10pm - 7am	Qualitative Description
Less than Preferred	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	No noticeable floor vibration
Greater than Preferred, but Less than Maximum	<input type="radio"/> Low (1)	<input type="radio"/> Mod (2)	<input type="radio"/> Mod (2)	Barely noticeable floor vibration
Greater than Maximum	<input type="radio"/> Low (1)	<input type="radio"/> Mod (2)	<input checked="" type="radio"/> High (3)	Noticeable floor vibration

Duration	Day OOHW 7am - 6pm	Evening OOHW 6pm - 10pm	Nicht OOHW 10pm - 7am	Qualitative Description
1 day	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	<input type="radio"/> Low (1)	Generally Tolerable
2 days	<input type="radio"/> Low (1)	<input type="radio"/> Mod (2)	<input type="radio"/> Mod (2)	Marginal Annoyance
3 days	<input type="radio"/> Low (1)	<input type="radio"/> Mod (2)	<input type="radio"/> High (3)	Moderate Annoyance
More than 3 days	<input type="radio"/> Low (1)	<input type="radio"/> High (3)	<input checked="" type="radio"/> High (3)	Highly Disturbing

Get Risk Score

Overall Risk Assessment	Sum of Risk Factor Scores	Approval Path
Low 1 Risk Activity	1 - 6	Environment and Sustainability Manager
Moderate 2 Risk Activity	7 - 9	Environment and Sustainability Manager
High Risk Activity	10 - 12	Planning Secretary

Your total Risk score is:

12

Powering Sydney's Future

POTTS HILL TO ALEXANDRIA TRANSMISSION CABLE PROJECT COMMUNITY CONSULTATION

Out-of-hours work at Addison Road and Enmore Road, Marrickville

TransGrid is installing a new underground electricity cable from Potts Hill to Alexandria. The Powering Sydney's Future project will help ensure a safe, reliable and affordable electricity supply for Sydney's CBD and surrounding areas. You can view a map of the cable route at www.transgrid.com.au/psf.

At **Addison Road and Enmore Road, Marrickville** we will need to **work outside standard construction hours** due to high daytime traffic volumes. Work in these locations is due to start in **February 2021** and will require up to **80 shifts along Addison Road and 40 shifts along Enmore Road**.

We will notify you with more information about the work, **at least seven days** before starting.

How will the work affect you?

- > This work will generate noise and vibration.
- > High impact noise typically occurs at the start and end of shifts, as we open up the road pavement and then repair it. This includes saw cutting, hammering, and road restoration. You will also experience noise from excavation and tree trimming.
- > High impact noise activities will be scheduled for three hours at a time, followed by one hour of respite.
- > We aim to do high impact noise activities before midnight wherever possible.
- > Access to properties will be maintained at all times, unless we make arrangements with you in advance.

Out-of-hours works are typically carried out between **7.00pm and 7.00am, Monday to Sunday**. In some locations, continuous weekend works from **6.00pm on Friday through to 6.00am Monday** may be permitted.

The work will progress at six to 12 metres per shift. As the work moves on, the noise impact at your property will reduce. Most properties along Addison and Enmore Roads will experience high impact noise for up to **10 shifts**.

Tell us your views

We would like your views on two different ways to complete work in your area as quickly as possible:

- Option 1 - Four consecutive out-of-hours shifts per week (up to 21 weeks along Addison Road and up to 11 weeks along Enmore Road), or
- Option 2 - Six consecutive out-of-hours shifts per week (up to 15 weeks along Addison Road and up to eight weeks along Enmore Road).

You are welcome to let the Powering Sydney's Future project team know which option you prefer by contacting us on **1800 955 588** or at psf@transgrid.com.au for up to five days after the 11 January 2021.

Please write **Addison Road** or **Enmore Road** in the subject line of your email to identify the major road.

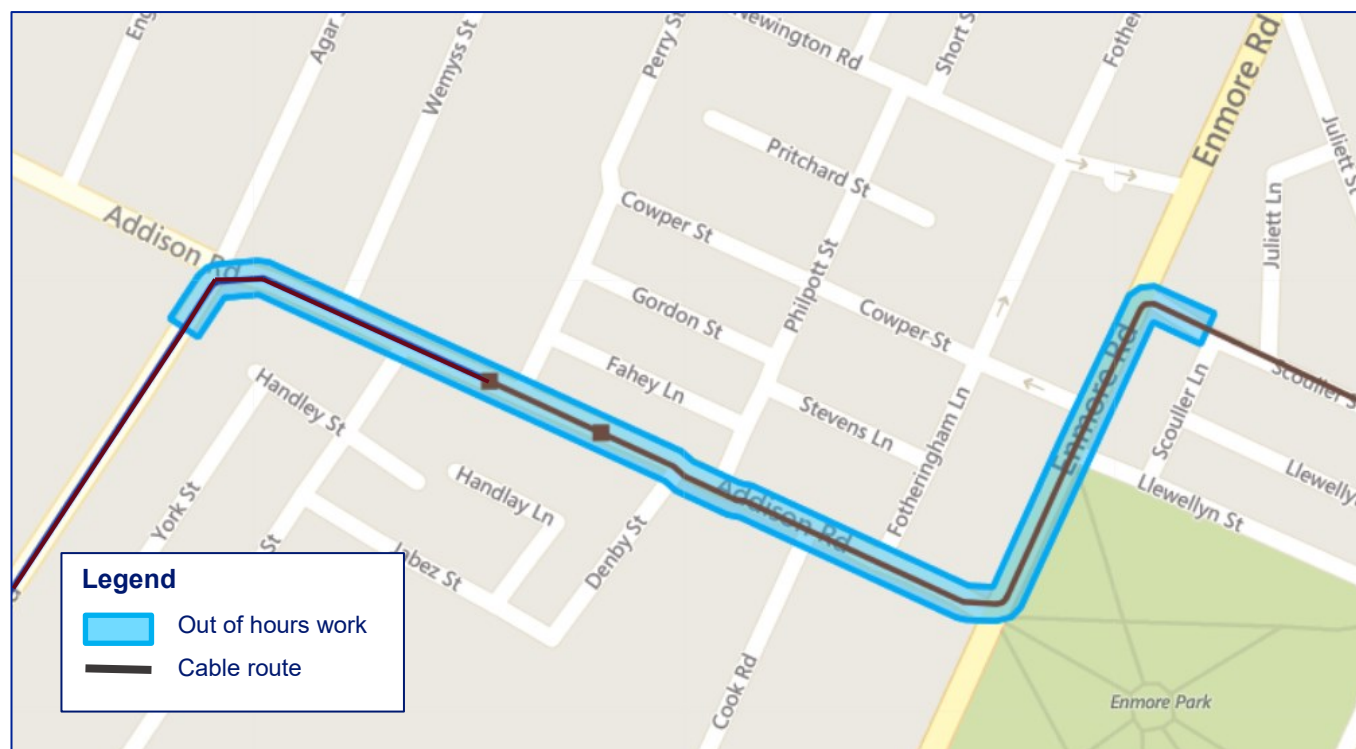


Connect with us

Community Information Line: **1800 955 588**
 Email: psf@transgrid.com.au
 Web: www.transgrid.com.au/psf
 Postal address: **PO Box A1000 Sydney South NSW 1235**



Out-of-hours work map



Noisy activities	Tools and equipment	The work will be carried out over the period below			
		February	March	April	May
Saw cutting and hammering, excavation, road restoration and tree trimming	Powered saw, excavator hammer and bucket, hand operated compactor and small roller, chainsaws	✓	✓	✓	✓

Please refer to the attached noise chart for typical noise levels from this type of work.

COVID-19 Safety protocols

The health and safety of our people, customers and the community and ensuring a reliable supply of electricity to NSW and the ACT are our highest priorities during the COVID-19 crisis.

TransGrid and our contractors, as a minimum, adhere to the recommendations of SafeWork NSW along with the advice of other state and federal authorities to effectively manage the risk of COVID-19 to workers and others in the work environment. This involves maintaining effective controls including social distancing, stringent hygiene and specific access protocols at our work sites.



For an interpreter please call **131 450** and ask them to call TransGrid on **1800 955 588**. The interpreter will then assist you with translation.

Connect with us

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Postal address: **PO Box A1000 Sydney South NSW 1235**

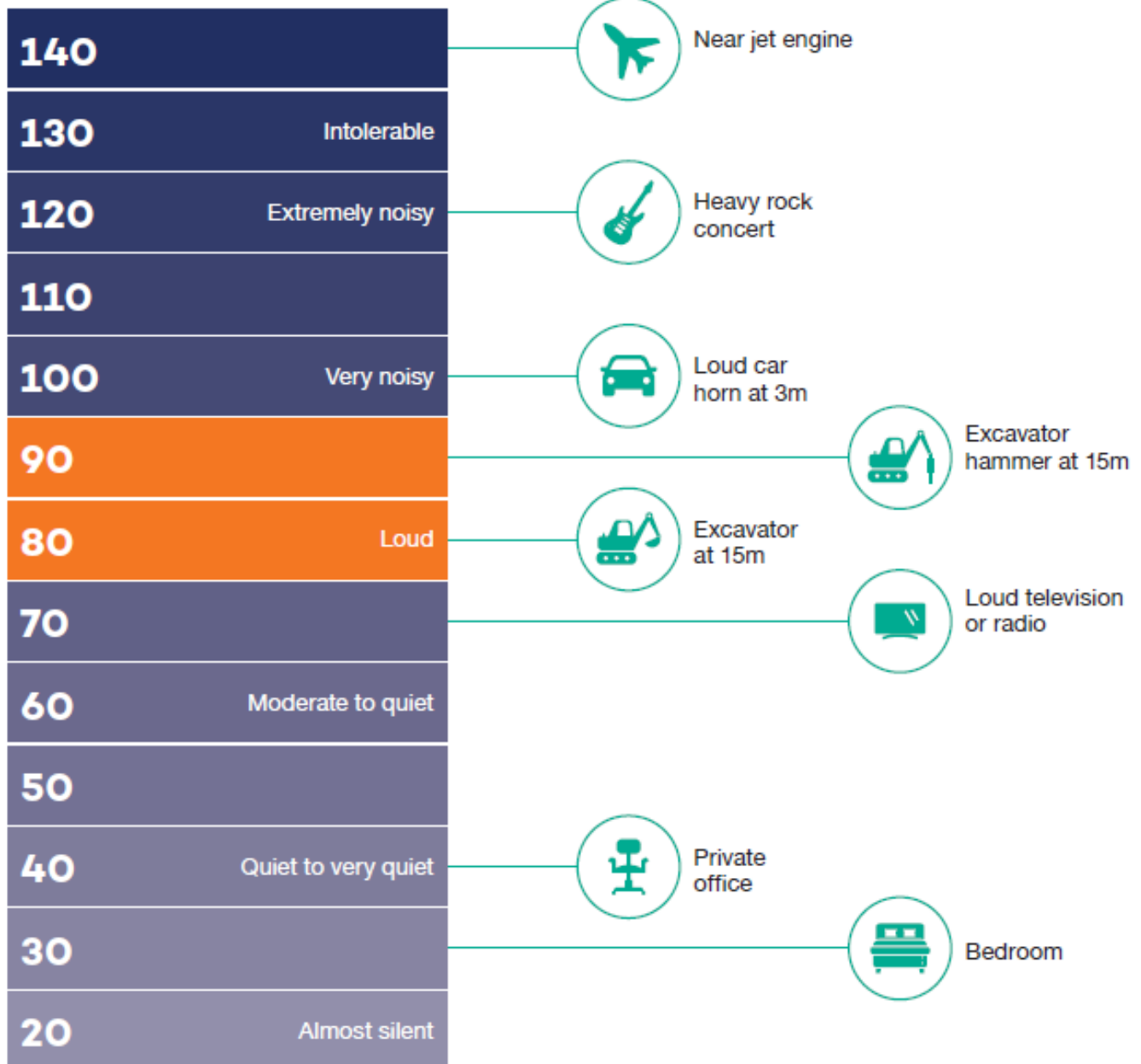
Noise level comparisons



People's perceptions of noise is strongly influenced by their environment.

A noise level that is perceived as loud in one situation may appear quiet in another.

dBA levels and subjective evaluation



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PSF OUT-OF-HOURS WORK PERMIT

Report	OOH Consultation for works at Addison Road and Enmore Road.	
Objective:	Obtain feedback about noise intensive works on Addison Road and Enmore Road (intersections Illawarra Road and Scouller street) outside standard construction hours.	
ITEM	#	%
Total of properties around 55DBA works	355	100%
Properties notified about the works and with OOH Consultation	355	100%
Properties with feedback after the notification	3	0.8%
Additional Activities.		
Properties emailed or phone called.	42	11.8%
Total of properties with feedback email or phone call.	21	5.9%
Total of properties without feedback	21	5.9%
Results		
Total of feedbacks	24	100%
Option 1 - Work four consecutive out-of-hours shifts per week (up to-21 weeks along Addison Road and up to 11 weeks along Enmore Road).	1	4.2%
Option 2 - Work six consecutive out-of-hours shifts per week (up to 15 weeks along Addison Road and up to eight weeks along Enmore Road).	16	66.7%
The resident has informed the project team that they do not have a preference regarding night work plans.	7	29.1%
MAP OF THE AREA.		
