

PSF OUT-OF-HOURS WORK PERMIT

(For works conducted under DPIE approval)

Permit No.	002	Application Date	28/09/2020
Revision No.	1	Revision Date	10/11/2020
Summary of Update (details of revision)	0	Initial application to allow works outside standard construction hours	
	1	Revised to add additional shifts for contingency	
Title of Works	PSF – Rawson Road & Waterloo Road Intersection Work		
Person Requesting OOHW	Martin O'Donnell, Project Manager.		

1.0 - JUSTIFICATION	
Justification for OOHW	Road Occupancy Licence (ROL) prevents works from occurring within standard construction hours.
DPIE Condition under which works are permitted	<i>Include additional details if required</i>
	The work is permitted under the following clause of DPIE Condition of Approval: E4 (c): Linear infrastructure – Works in classified road reserves and signalised intersections.
	E6 (c): works approved under an Out-of-Hours Work Protocol

2.0 – DESCRIPTION OF THE WORKS		
Details of Work <input checked="" type="checkbox"/> Map attached at end of form (showing location / work)	Location & Chainage	Intersection of Rawson Road and Waterloo Road CH3150-3200 approximately
	Description of works	Saw cutting, concrete/asphalt breakout, excavation, conduit install, TSB backfill, temporary restorations (plates if required), permanent restoration.
	Proposed dates + time	Start: 19/10/2020 @ 20:00 Finish: 14/12/2020 @ 06:00 (incl contingency) See below shift details.
	Contingency dates + time	Work expected to take approximately 14 shifts in total over 3-4 weeks. Contingency included in the above date range.

2.0 – DESCRIPTION OF THE WORKS

extent / nearest sensitive receivers / landscape)	Proposed Timings	Work on Rawson Rd and Waterloo Rd intersection 4 nights per week 20:00 – 06:00						
		Night 1 20:00-06:00	Night 2 20:00-06:00	Night 3 20:00-06:00	Night 4 20:00-06:00	Night 5	Night 6	Night 7
		High impact noise. Saw cutting Concrete/asphalt breakout Excavation to carry out investigations. Temp restorations (Plates if required)	High impact noise. Saw cutting Concrete/asphalt breakout Excavation Conduit install Temp restorations (Plates if required)	Moderate impact noise. Excavation Conduit install TSB backfill Temp restorations (Plates if required)	Moderate impact noise. Excavation Conduit install TSB backfill Temp restorations (Plates if required)	Respite	Respite	Respite
Details on any concurrent construction activities being undertaken OOWH adjacent / in close proximity to the proposed works?		Nil						
Names of Foremen supervising the work		Gerry McMahon – Trenching Supervisor						
Subcontractor Details		Durkin (locating) Carrickshock (Sawcutting)						

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 (including Child Care Centres)	
	<input type="checkbox"/> N+V Sensitive Business and critical working area (eg. theatre, health services)		<input checked="" type="checkbox"/> Nearest Residential Receiver	20m
	<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				
See Section 7.0 below and attached record of community consultation.				






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 5t excavator Truck & dogs 8-wheeler bogie Concrete agitators Compaction equipment (Whackers, plate compactors) Smooth drum roller
Are alternative 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
Describe the location and nature of disruption to traffic proposed	Lane closures as per Traffic Management Plan & Road Occupancy Licence

6.0 – Lighting	
What lighting is to be provided for night work?	Small generator, low noise LED lighting
Will lighting be positioned minimise light spill to nearby receivers?	Yes/No Yes

7.0 – Noise and Vibration Assessment		
Reference: NMC Noise Management Level (NML) Sleep Disturbance Level (night only) Predicted Range (L _{Aeq})	NCA:	02
	Type of OOHW:	Saw cutting, concrete & asphalt breakout, Loading trucks. Install conduits. Backfill & restoration.
	NML:	45
	SDL:	50
	Predicted:	50-80dB L _{Aeq}
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 – No impact to sensitive receivers <input checked="" type="checkbox"/> Restrictive tools (<i>list</i>) – 13T Excavator <input 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>) In consultation with the community, no more than four nights per week of work, followed by three nights of respite, over the date range specified.	
Noise monitoring required?	<input checked="" type="checkbox"/> Yes – Compliance monitoring to be carried out within the first two shifts. <input type="checkbox"/> No	
Are vibration impacts above Human Comfort levels expected?	<input checked="" type="checkbox"/> Yes. <input type="checkbox"/> No Refer to OOH CNVIS Table 5	If yes, state number of properties expected to be impacted? Approximate range is 8 – 20 properties. Intermittent vibration may be noticeable but is below structural impact levels.


7.0 – Noise and Vibration Assessment

<p>Is vibration monitoring required?</p> <p>Refer to CNVMP / Monitoring Program</p>	<p><input checked="" type="checkbox"/> Yes – Compliance monitoring to be carried out within the first two shifts.</p> <p><input type="checkbox"/> No</p> <p>Nominated Verification monitoring locations (from CNVIS)</p> <table border="1"> <thead> <tr> <th>Worksite</th> <th>NCA</th> <th>Nominated receiver</th> </tr> </thead> <tbody> <tr> <td>Waterloo/Rawson intersection</td> <td>NCA2</td> <td>245 Waterloo Road (perimeter)</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Worksite	NCA	Nominated receiver	Waterloo/Rawson intersection	NCA2	245 Waterloo Road (perimeter)			
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Waterloo/Rawson intersection	NCA2	245 Waterloo Road (perimeter)								
<p>Community notification required?</p>	<p>Yes. Community notifications will be undertaken as per the approved Community Communication Strategy (CCS), including;</p> <ul style="list-style-type: none"> - Letters notifying of work activities to be delivered 7 days before. - A door knock will be done for the sensitive receivers immediately adjacent to the works as per CNVMP. 									
<p>Evidence of consultation and results</p>	<p><u>Spreadsheet from Consultation Manager, and consultation documentation submitted with this application.</u></p> <p><u>Summary of Results:</u></p> <p>66 receivers consulted on preferred respite. 44 responses received.</p> <p>Of those expressing a preference, >85% favoured option 2, which was baseline OOH plus two additional consecutive nights per week with three nights of respite following.</p>									


8.0 – OOHW RISK LEVEL ASSESSMENT

<p>Insert snip from Risk Level calculation sheet and attach worksheet separately</p> <p>Low Risk (1-6) Moderate (7-9) High (10-12)</p> <p>Low and Moderate risk work may be approved by the ESM.</p> <p>High risk work must be approved by the Planning Secretary.</p>	<table border="1"> <thead> <tr> <th>Overall Risk Assessment</th> <th>Sum of Risk Factor Scores</th> <th>Approval Path</th> </tr> </thead> <tbody> <tr> <td>Low 1 Risk Activity</td> <td>1 - 6</td> <td>Environment and Sustainability Manager</td> </tr> <tr> <td>Moderate 2 Risk Activity</td> <td>7 - 9</td> <td>Environment and Sustainability Manager</td> </tr> <tr> <td>High Risk Activity</td> <td>10 - 12</td> <td>Planning Secretary</td> </tr> </tbody> </table> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.2em;">Your total Risk score is:</p> <p style="text-align: center; color: red; font-weight: bold; font-size: 1.5em;">11</p> <p>Risk level calculator worksheet attached with application.</p> <p><u>Work to be approved by Planning Secretary as per CoA E8(e).</u></p>	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
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											

AUTHORISATION

1. Environment & Sustainability Manager					
Approval Authority for works with Low or Medium Risk level on OOHW Risk Table as per section 8.0					
I confirm these works have been appropriately assessed under the OOHW Protocol as per CoA E8 and E9.					
The specified mitigation and management measures shall be implemented including: Verification monitoring. Installation of noise barriers around high impact works. Respite as per Community Consultation. Additional respite including 1 hr off after 3 hrs high impact work. No high impact work after midnight where practicable. Selection of appropriate plant and equipment					
Name	Tom Spillane	Signature		Date	10/11/2020
2. Planning Secretary					
Approval Authority for works with High Risk level on OOHW Risk Table as per section 8.0					
I confirm these works have been appropriately assessed under the OOHW Protocol as per CoA E8 and E9.					
The following additional mitigation measures shall be implemented:					
Name		Signature		Date	

Site Acceptance

3. Construction Supervisor/Project Manager					
I confirm the following: <ul style="list-style-type: none">▪ The work details in this approval accurately reflect the planned work on site▪ 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 prior to work commencing, or as soon as changes become known.					
Name	Martin O'Donnell	Signature		Date	10/11/2020

Attachment – Map of Works Location

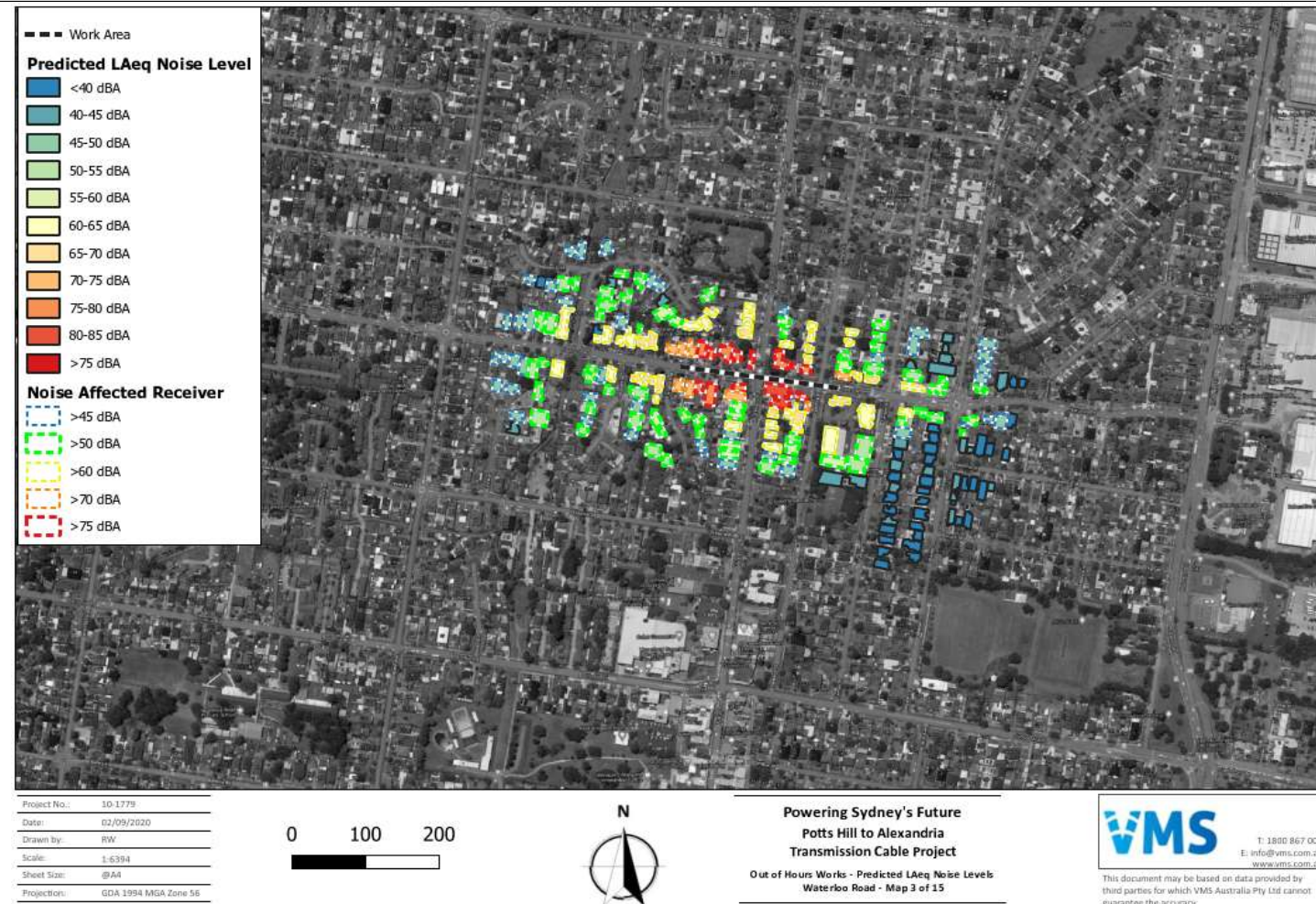


Figure 1: Extract from project OOHW CNVIS showing location at intersection Rawson Rd and Waterloo Rd and potentially impacted receivers.

Community consultation information submitted with this application.