

Out of Hours Permit

Belmont Desalination Plant



General Details			
Contract:	Belmont Desalination Plant Project		
Contractor:	John Holland Pty. Ltd.		
Application Title:	Over Size and Over Mass (OSOM) Delivery and Demobilisation from Belmont Desalination Plant		
Application Number:	003		
Application Date:	23/05/2025		
Relevant Planning Approval:	SSI 8896		
OOHW Protocol:	Belmont Desalination Plant Out-of-Hours-Work Protocol - CS1135-WT-BEL-EN-PLN-0004		
Contact Details			
Position	Name	Contact Number	Email
Superintendent	Tony MacPherson	0407 542 614	Tony.MacPherson@jhg.com.au
Construction Manager	Jason Nisbet	0418 693 964	Jason.Nisbet@jhg.com.au
Communications Representative	Monique Brown	0449 133 941	Monique.brown@jhg.com.au
Environmental Manager / Representative	Wadeea Chaudhary	0429 020 437	Wchaudhary@jhg.com.au

Part A: Proposal			
Project name:	Belmont Desalination Plant		
Summary of Out of Hours Works:	Demobilising of piling rig from site and mobilisation of grout plant		
Duration:	1 night	Duration and proposed hours of work (timing of works):	Expected timing between 12am and 3am
Specific Details:	Morning of Friday 06/06/2025		
Location of Works: Refer to Appendix 1	12A Ocean Park Road, Belmont South		
Scope of works, outside of approved working hours:	A Piling Rig was delivered to and used on the Belmont Desalination Plant site as part of the piling works for the intake shaft. Following completion of the piling works, plant is to be demobilised from the site on a delivery truck out of hours. Concurrently, a grouting plant/rig will be mobilised to the site using the same truck. The grout plant is also required for the piling works. The demobilisation/mobilisation process will involve a delivery truck parking within the site, unloading the grout plant/rig and then tracking the piling rig on to the back of the truck. No additional plant is required to mobilise the rig to the truck. A lighting tower will be set up during standard day time hours for these works. The rig will then be secured to the truck prior to leaving the site. Works will commence after 12:00am and be completed prior to 3:00am and are not expected to take longer than one hour.		
Justification	Justification These works will be undertaken outside standard construction hours in accordance with condition D4 of the Conditions of Approval SS1 8896, which states: <u>"Construction Hours</u> <i>Notwithstanding Conditions D3 and D7 Construction may be undertaken outside the hours specified in the following circumstances:</i> <i>(a) Safety and Emergencies, including: (i) for the delivery of materials required by the NSW Police Force or other authority for safety reasons</i> <i>c) By Approval, including: (ii) Construction which is not subject to an EPL that are approved under an Out-of-Hours Work Protocol as required by Condition C29,"</i> The demobilising of the piling rig is subject to an OSOM permit which is issued under the provisions of Section 122 of the Heavy Vehicle National Law (Appendix 2). Extended Hours Proposed		

	Works outside standard construction hours will be undertaken during the following Out of Hours (OOH) periods: OOH Period 2 (10PM-7AM) No residential receivers are expected to be affected by noise generated from these works for more than 2 nights consecutively and 3 nights in a week.
Equipment	Equipment List - Delivery truck - Lighting tower - Light vehicles x2 - Piling rig (only used to track onto the delivery truck and not for piling works)

Part C: Impacts, Mitigation and Communication Proposed

Noise Impacts

Potential noise impacts from the proposed OOH works may include:

- Delivery truck driving in to and off site
- Piling rig being tracked onto the delivery truck
- Operation of generator fuelled lighting tower

View attachment of Noise Assessment in Appendix 1 – Table 2 for further detail.

Site Location Maps – Refer to Appendix 1 – Figure 1

Closest residential and non-residential receivers – refer to Appendix 1 – Table 4

There are no impacted residential or non-residential receivers.

Other Impacts

Additional impacts to those already assessed as part of the Environmental Approval:

- Light spill due to incorrect placement of lighting tower

Mitigation Measures

Noise / Vibration Mitigation Measure	Reasonable / Feasible (Y/N/NA)	Comments
Have you considered programming of noisy activities to reduce community impacts?	Y	Demobilisation is scheduled to occur during standard hours wherever possible however the plant and equipment subject to this approval is designated as OSOM and must occur during the OOH period. Demobilisation will be scheduled to arrive as early as possible during the OOH period.
Are there alternative plant or methods that can be used to reduce noise? E.g. using smaller equipment to do the job, or using a different (quieter) method to do the job	N	The OSOM plant requires delivery trucks to be transported off site and no additional plant/equipment will be used.
Noise barriers/mats to assist noise management for all noisy works where practical	N/A	These works have been assessed to be inaudible to receivers; therefore, noise barriers are not deemed appropriate for this scope of work.
Where possible, trucks and vehicles to be parked up between noisy works when operating near sensitive receivers.	N/A	No receivers are impacted by the works (refer to Appendix 1).
Where possible, noisiest activities will commence closest to sensitive receivers and move away from them as work progresses.	N/A	No receivers are impacted by the work (refer to Appendix 1).
All plant and equipment to minimise reversing where possible and must include the use of non-tonal reversing beepers (or an equivalent mechanism, e.g. 'quackers')	Y	All mobile plant and equipment on site will have non-tonal reversing alarms equipped.
Staff to be briefed before works - no loud talking, excessive use of radios, music, swearing, be mindful of the community. Turn off equipment when not in use. Do not drop tools, equipment, and materials	Y	Included in inductions.
Supervisors will make note of, and have removed off site and replaced any equipment item observed to have defective noise controls e.g. defective muffler, loose or missing cowling or engine compartment panels etc	Y	Defective plant and equipment will be identified during plant inductions and during site inspections. Any defective plant/equipment will be removed and/or replaced.
During high noise impact works 3 hours on 1 hour off must be enforced unless the high noise activity is to be completed before midnight.	N/A	High noise impact works are not proposed to be undertaken as part of this activity.

Can temporary relocation (eg. accommodation) be offered to the adjacent sensitive receivers?	N/A	No receivers are impacted by the works (refer to Appendix 1).
Is minimum distance for cosmetic damage or human comfort triggered	N/A	No vibratory works will be carried out as part of this activity.
Are there any additional measures that could be incorporated to further mitigate any noise impacts?	Y	- All workers are to have completed the project induction and attended the pre-start toolbox. - Pre-start toolbox is to include the requirement for workers to leave the site in a quiet and considerate manner after the completion of works, being mindful of the site's neighbours. - Workers to communicate through walkie talkies when communicating over large distances (no shouting). - Flood lights will be directed down to prevent light spill. - Reversing alarms to be non-tonal only. - Plant not in use to be switched off. - Residential grade mufflers will be fitted. - Air brake silencers will be installed and operational. - No signalling by horns. - No whistles to be used. - No shouting. - No radios. - No dropping of materials from height, throwing of metal items and slamming of doors. - No excessive revving of plant and vehicle engines.
Additional Mitigation Measures	Reasonable/Feasible (Y/N/NA)	Comments
Notification (N)	N/A	These works will be inaudible to receivers in accordance with the noise assessment (Appendix 1).
Specific Notification (SN)	N/A	These works will be inaudible to receivers in accordance with the noise assessment (Appendix 1).
Individual Briefing (IB)	N/A	These works will be inaudible to receivers in accordance with the noise assessment (Appendix 1).
Alternative Accommodation (AA)	N/A	These works will be inaudible to receivers in accordance with the noise assessment (Appendix 1).
Verification of predicted noise (V)	N/A	These works will be inaudible to receivers in accordance with the noise assessment (Appendix 1).
Phone Call (PC)	N/A	These works will be inaudible to receivers in accordance with the noise assessment (Appendix 1).
Project Specific Respite Offer (RO)	N/A	These works will be inaudible to receivers in accordance with the noise assessment (Appendix 1).
Duration Respite (DR)	N/A	These works will be inaudible to receivers in accordance with the noise assessment (Appendix 1).
Community Notification Community notifications will be undertaken as per the Out of Hours Protocol, including; - Where predicted noise levels are <u>above</u> the relevant noise guideline levels the contractor must letterbox drop the impacted residents a minimum of 5 days prior to the works commencing and no more than 14 days prior to the works commencing. The contractor must consult with Hunter Water's Community Liaison Representative for messaging, at a minimum the notification must include: - Clearly outline the reason that the work is required to be undertaken outside standard construction hours specified. - Include a diagram that clearly identifies the location of the proposed works in relation to nearby cross streets and local landmarks. - Include details of relevant time restrictions that apply to the proposed works. - Clearly outline in plain English, the location, nature, type of work, scope and days and dates and hours of the proposed works. - Detail the expected noise impact of the works on directly affected residents and sensitive land use(s) - Detail mitigation and management measures and proposed respite periods. - Clearly state how complaints may be made and additional information obtained. - Include the number of the 24-hour telephone complaints line, site contact (where available) and the Project website address - The contractor must door knock all sensitive receivers immediately adjacent to the works (i.e. adjoining boundaries,) to clearly explain the duration of the works, noise levels, and inform of any respite periods at least 7 days prior to works commencing.		

All community complaints will be fully investigated, and any additional identified reasonable and feasible mitigation measures will be implemented, (including investigation of the feasibility of respite periods/alternative methodologies such as rescheduling of noisiest, adaptation of mitigation measures etc.)

Part D: Submission, Review and Approval

- ☐ OOHW Approved / Endorsed
☐ OOHW Approved with conditions (see below)
☐ OOHW Rejected

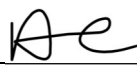
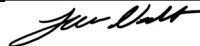
Conditions for Approval:

	Type	Low Risk Factors	High Risk Factors	Assessed Risk Level (Low/High)
Risk Level <i>(yellow highlight indicates applicable condition to this permit)</i>	Air-borne Noise (LAeq 15min)	Noise levels are predicted to be up to 5dBA above the NML, or Noise levels are predicted to be more than 5dBA above the NML for a maximum of: • 2 consecutive evenings and/or nights per week; and • 3 non-consecutive evenings and/or nights per week; and • 10 evenings and/or nights per month	Noise levels are predicted to be more than 5dBA above the NML for more than: • 2 consecutive evenings and/or nights per week; and • 3 non-consecutive evenings and/or nights per week; and • 10 evenings and/or nights per month	Low Noise levels are not predicted to be above the NML.
	Sleep Disturbance (LAmax)	Predicted maximum noise levels are below awakening levels of 55dB LAmax internal	Predicted maximum noise levels are above awakening levels of 55dB LAmax internal	Low Noise levels are not predicted to be above 55dB LAmax.

ER Assessment of Risk Factors: ☒ Low ☐ Medium ☐ High

Position	Name	Signature	Date
JHG Environmental Manager or Delegate	Wadeea Chaudhary		29.05.25
Environmental Representative (EMM)	Daniel Keegan		4/06/2025
HWC Environmental Lead	Stuart Longman		4/6/25

Internal Document Sign-off

	Name:	Signature:	Date:
Document Author:	Annabel Cowin		26.05.2025
JHG Community Manager or Delegate:	Monique Browne		26/05/2025
JHG Construction Manager:	Jason Nisbet		26/05/2025
JHG Project Environmental Rep:	Wadeea Chaudhary		23.05.2025

Appendices / Attachments: *(Attach supporting documentation / noise assessment / community agreement etc)*

Appendix 1: Noise Assessment – maps included (Gatewave)

Appendix 2: Oversize and Overmass (OSOM) Permit

Appendix 3: Community Notification