

SECTION 4 ENVIRONMENTAL APPROVAL			
Project Details			
myWaterNSW Request #: RITM		ARK Minor Works EIA Form #	
WaterNSW Contact	[REDACTED]	Project Location	Nepean Dam train shelters. These sites are within the curtilage of the Nepean Dam WaterNSW State Heritage Register.
Project Title	Rock Fall Fencing at Nepean Picnic Area		
Approved Activity	Install rockfall fencing around the former railway platform in Nepean Picnic Area to replicate current fencing in the area which is silver rails and posts with black fittings including a middle rail and chainmesh.		
Project Manager Responsibilities			
<p>In carrying out the project or works, it is the Project Manager's responsibility to ensure that the works are carried out as described within this assessment and that all safeguards listed within this approval are complied with. The Project Manager must also ensure that all licences, permits and approvals are obtained and maintained as required and that all statutory and regulatory requirements are complied with throughout the project or works. The Project Manager is also to ensure compliance with the Building Code of Australia and other relevant technical, manufacturer or industry standards.</p>			
Environmental Safeguards			
General			
G1	All WaterNSW Work Health and Safety requirements must be adhered to.		
G2	All complaints and compliments shall be directed to - feedback@waternsw.com.au or 1300 662 077.		
G3	All environment incidents shall be addressed in accordance with WaterNSW's Environmental Incident Management Procedure CD2016/6* .		
G4	If works have not commenced within 2 years of this approval, the EIA form must be re-submitted prior to the commencement of works, to ensure the controls remain in line with current legislation and internal procedures including re-approval by the Environmental Services team.		
G5	Site inductions shall include all aspects, impacts and controls identified in the EIA/REF and Environmental Approval.		
G6	For any shutdown, completion of Site Shutdown (RACS requirement) shall be completed at least 24 hours prior to shutdown commencing.		
G7	Approved Standard Hours are : Mon-Fri 7am-6pm, Sat 8am-1pm, No work Sunday or Public Holidays. For any proposed works outside approved standard construction hours, an Out of Hours Application CD2015/210* shall be submitted to the Environmental Services team, allowing 10 working days for approval.		
G8	If any items which have the potential to be of heritage significance are encountered, works shall cease until the significance of the item can be established. The Water NSW Environmental Services Team should be contacted for advice on the appropriate course of action to take.		
G9	If any Aboriginal cultural material (e.g. relics such as stone tools, worked bone or fire hearths) is encountered within or immediately adjacent to the work area, work shall stop immediately until the significance of the item can be established. Water NSW Procedure CD2012/184* - Unexpected Aboriginal Objects Procedure should be followed.		
G10	All sediment and erosion controls shall be installed according to the requirements of <i>Managing Urban Stormwater: Soils and Construction - Volume 1, 4th Edition 'Blue Book'</i> .		
G11	WaterNSW Tree Clearing Permit CD2021/110* must be completed and authorised by the works supervisor before vegetation removal activities commence.		
Community			
C2	All contractors' (and any sub-contractors') personnel employed for the works shall maintain a tidy appearance and exercise courtesy in all dealings with the public.		
Traffic and Utilities			
T2	Care shall be taken to ensure no disturbance of underground infrastructure (optic fibre cables, gaslines, water lines etc), or infrastructure (powerlines, sealed road pavement etc).		
T5	All practical measures shall be taken to prevent tracking of soil or materials from the worksite onto public roadways. If track occurs, affected roadways shall be swept or washed at least daily.		
Special and Contolled Areas			
SP1	All activities or work undertaken in Water NSW Special / Controlled Areas shall be carried out in a manner that will prevent or minimise impacts on water quality, environmental damage and fire.		
SP2	Standard access requirements of Water NSW catchment lands shall be observed. This includes restricted access to the catchment after periods of significant rainfall (typically 10mm in a 24 hour period).		

SP3	All gates and barriers shall be closed and locked at all times to prevent unauthorised access to the Special/Controlled Area
SP4	Any suspected unauthorised access to the area shall be reported to the Water NSW supervisor and report in RACS system.
SP5	All incidents, spills or fire sightings that occur in the WaterNSW Special / Controlled Area shall be immediately reported to the Water supervisor/Project Manager and reported in RACS system.
SP7	Portable fuel trailers shall be taken off catchment at the end of each working week.
SP11	All equipment transported to the site shall be thoroughly washed down, including underneath tractors and slashers, to remove mud, dirt and vegetative materials, prior to entering the Water NSW Special / Controlled Areas.
Soil and Water	
SW1	All works shall be undertaken in a manner that will minimise site disturbance and avoids or minimise erosion and sedimentation.
SW5	Chemicals, fuels and lubricants shall be securely stored in approved containers and spill containment material shall be kept on site ready for immediate use. Bund capacity is to be at least 110 % of the largest container & 25% of the total stored volume
SW6	No chemicals, fuels and lubricants shall be stored overnight on site unless specifically approved by Water NSW. If approved, these materials shall be stored with bunding within an established site compound, on a level area clear of native vegetation and at least 40m from any natural or built drainage line or wetland.
SW7	Plant and equipment shall not be refuelled within 20m of any natural or built drainage line or wetland. During any refuelling, spill containment material shall be on hand ready for immediate use.
SW8	Weather forecasts shall be regularly checked so that expected storm events can be taken into account in project planning and erosion and sediment management.
SW9	Temporary compounds and stockpiles shall be located: <ul style="list-style-type: none"> o at least 40m from natural or built drainage lines or wetland; o on areas previously disturbed and that do not require the clearing of native vegetation; o on level, hard ground wherever possible, and shall not be located on slopes steeper than 1(V):10(H); o beyond tree drip lines; o where there is no risk of impact on any indigenous or non-indigenous heritage site.
SW11	Concrete shall not be mixed within 20m of any natural or built drainage line or wetland. All concrete waste and any concrete washout shall be contained and removed for disposal off site at a lawful facility. Washout of trucks on site shall be minimised wherever possible.
SW14	Any mixing of paints is to be carried out over a waterproof membrane of at least 4 square metres in area. The contractor is to take all reasonable steps to prevent spillage of paint.
Flora and Fauna	
Pest and Weed Control	
Air Quality	
AQ1	All practicable and feasible measures shall be taken to avoid raising excessive levels of dust.
AQ2	All vehicles, plant and equipment shall be properly maintained to reduce vehicle and plant emissions. If visible smoke is seen for longer than 10 seconds duration from any engine while working on the site, the machine shall be taken out of service and adequately tuned or repaired so that such extended smoke emission no longer occurs.
AQ3	Wherever possible, vehicles, plant and equipment shall be switched off when not in use.
AQ4	Hazardous material shall be handled as per relevant guidelines to avoid potential air pollution.
Noise and Vibration	
N1	All practicable and feasible measures shall be taken to minimise noise. All vehicles, plant and equipment shall comply with relevant EPA and Workcover requirements.
N2	For any work approved to be undertaken outside standard hours, the emitted noise should not exceed the background noise level + 5dB(A)
Heritage	
Waste	
W5	All waste removal, transport and disposal, including excess spoil, shall be in accordance with the regulatory agency's (EPA) current guidelines for waste. Materials shall be recycled wherever possible. Dockets or equivalent evidence shall be obtained for all recycling and waste disposal, detailing the weights, materials, time and date and waste facility used. These dockets shall be available onsite and submitted with monthly reports.
Site Decommissioning and Restoration	

Fencing

PROJECT SPECIFIC SAFEGUARDS

PS1	<p>APPROVED DEVELOPMENT</p> <p>1. All work shall comply with the information contained within: a) Report: Supporting Statement – Nepean Dam , ARK Ref. No. D2022/16698 prepared by Water NSW dated 16 March 2022.;</p> <p>EXCEPT AS AMENDED by the conditions of this approval:</p> <p>SPECIALIST TRADESPERSONS</p> <p>2. All work to, or affecting, significant fabric shall be carried out by suitably qualified tradespersons with practical experience in conservation and restoration of similar heritage structures, materials and construction methods.</p> <p>Reason: So that the construction, conservation and repair of significant fabric follows best heritage practice.</p> <p>SITE PROTECTION</p> <p>3. Significant built and landscape elements are to be protected during site preparation and the works from potential damage. Protection systems must ensure significant fabric, including landscape elements, is not damaged or removed.</p> <p>Reason: To ensure significant fabric including vegetation is protected during construction.</p> <p>COMPLIANCE</p> <p>4. If requested, the applicant and any nominated heritage consultant may be required to participate in audits of Heritage Council of NSW approvals to confirm compliance with conditions of consent. Reason: To ensure that the proposed works are completed as approved.</p> <p>DURATION OF APPROVAL</p> <p>5. This approval will lapse five years from the date of the consent unless the building works associated with the approval have physically commenced.</p> <p>Reason: To ensure the timely completion of works.</p>
PS3	<p>If asbestos containing materials are identified, contractor shall:</p> <p>Engage an occupational hygienist to assess the extent of contamination, classify soil materials and provide air monitoring. Required documentation:</p> <ul style="list-style-type: none"> o Waste classification certificate (in accordance with NSW EPA Waste Classification Guidelines – attached) if soils are required to be taken offsite o Asbestos air monitoring results o Asbestos clearance certificate <p>Class B licensed asbestos removalist to undertake the removal works. They will need to provide:</p> <ul style="list-style-type: none"> o Safework notification o Asbestos removal control plan (recommend this is reviewed by the Ops Safety team prior to works being undertaken) o Tipping receipt docket o NSW EPA Waste Locate number

STAKEHOLDER REQUIREMENTS

SR1	
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DECLARATION AND SIGN-OFF

The proposed project/works described within this document are classified as 'exempt development' in accordance with the *Environmental Planning and Assessment Act 1979* (EP&A Act) and the *State Environmental Planning Policy (Infrastructure) 2007*. WaterNSW is satisfied that the proposed project/works:

- will have no more than a minimal impact on the environment,
- will not significantly impact critical habitat of an endangered species, population or ecological community, or a wilderness area,
- satisfy the requirements of clause 20 of the *State Environmental Planning Policy (Infrastructure) 2007*; and
- do not involve the removal of asbestos unless that removal is undertaken in accordance with *Working with Asbestos: Guide 2008* published by the WorkCover Authority.

If the scope of work or work methods described in this report change either prior to or during works, additional Environmental Impact Assessment must be undertaken.

Approval ARK #	D2022/13930*
Environmental Adviser Approval Environmental Impact Assessment for Minor Works was approved/endorsed by	Madison van de Veld