

## Minor Works Environmental Impact Assessment (EIA) /Minor Works Review of Environmental Factors(REF) Form

This EIA form is used by WaterNSW to assess and approve minor works that are either *Development Without Consent* or *Exempt Development*. It records & assesses activities or project works where environmental impacts are minimal or not likely to significantly affect the environment.

If you are unsure how to answer anything in this Form, please contact the Environmental Services Team for assistance and advice.

### SECTION 1 PROJECT SCOPE

	QUESTIONS	ANSWERS	GUIDANCE
1.1	Organisation/Business Unit/Team	SOAM	
1.2	WaterNSW representative and contact details	[REDACTED]	
1.3	Has a site inspection been undertaken? If so by whom and when?	Yes, [REDACTED]	<i>It is recommended the person undertaking site inspection should also complete this Form.</i>
1.4	ARK Reference – Project Folder/Work Folder	F2020/5116, D2022/13930	<i>Save your work to ARK and include the ARK numbers here. Provide project/works folder for background information</i>
1.5	Project Number/Budget Code	[REDACTED]	<i>Environmental Services time taken to process this request will be assigned to the project. ⓘ</i>
1.6	Project or Works Value	\$5,000	
1.7	Project or Works Title	Rock Fall Fencing at Nepean Picnic Area	<i>Include the full name for the project or work you propose undertaking.</i>
1.8	<b>Scope of Works:</b> What is to be undertaken and how?	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.	<i>Clearly outline the full scope of work and activities, including equipment type, size, quantity; sequence and tasks involved including site establishment, stockpiles; temporary structures such as site sheds; any block banks and de-watering.</i>
1.9	Proposed Start Date and Expected Duration of works	March 2022 to May 2022	
1.10	Planned Site Work Hours	Standard work hours	<i>Identify the planned site work hours. Standard Hours are : Mon-Fri 7am-6pm, Sat 8am-1pm, No work Sunday or Public Holidays. Non-standard hours may require additional noise assessments to be prepared</i>
1.11	One-off Project or Routine work	<input checked="" type="radio"/> One Off <input type="radio"/> Routine	
1.11.2	Options considered & justification for selecting the preferred option.	Options considered were constrained by heritage issues and visitor safety therefore exclusion fencing was the preferred option	<i>Describe all options that were considered and why the preferred option was selected.</i>
1.12	Location	Nepean Dam train shelters. These sites are within the curtilage of the Nepean Dam WaterNSW State Heritage Register.	<i>Identify the location of the project or work (e.g. which asset). Be sure to include the access roads / route</i>
1.13	Site Plan / Photos / Aerial Photo: Add Figures or ARK reference to figures	D2022/10106, D2022/10203, D2022/10202, D2022/10200	
		<input type="button" value="Add Figure or Photo"/>	<input type="button" value="Remove Figure or Photo"/>



**Nepean Dam Rock Fall Safety Fencing**



*Figure 2 Example of existing rockfall fencing at Nepean Dam*



*Figure 3*



Figure 4 Location of required rockfall fencing



Figure 3 Location of required rockfall fencing

1.14	Is the land and/or asset owned by WaterNSW?	<input checked="" type="radio"/> Yes <input type="radio"/> No	Site ownership details can be found at; Vested orders (DOC11/8076) Land Titles Office NULA <a href="#">i</a>
1.14.1	Provide evidence of ownership and detail what the land is used for	WaterNSW Metropolitan Special Area	Provide details of landuse e.g operational area, Special Area, Controlled Area, recreational area, agricultural area etc <a href="#">i</a> <a href="http://www.watersw.com.au/supply/Greater-Sydney/system">http://www.watersw.com.au/supply/Greater-Sydney/system</a> NULA
1.15	Lot and DP	Lot 12//DP1092321	Find a property using NULA or the <a href="#">NSW Planning Portal</a>
1.16	What is the Local Government Area (LGA)?	Wingecarribee Shire	Use: 1. <a href="#">LPI SIX Maps</a> or 2. <a href="#">NSW Planning Portal</a> or 3. <a href="#">NULA</a>
1.17	What is the zoning of the site?	SP2 Special Uses water supply	Provide details of the zoning from the relevant Local Environmental Plan(s) <a href="#">i</a>
1.18	Will the project or work be within the Sydney Drinking Water Catchment and/or a Special Area / Controlled Area?	<input checked="" type="radio"/> Yes <input type="radio"/> No	Check <a href="#">NULA</a> to identify if the project or work is within the Sydney Drinking Water Catchment. For more information on undertaking a Neutral or Beneficial Effect Assessment refer to CD2016/89*
1.18.1	Are there any identifiable potential impacts on water quality?	<input type="radio"/> Yes <input checked="" type="radio"/> No	Potential pollutants are sediments (fine & coarse), nitrogen, phosphorus, pathogens and hazardous chemicals and contaminants such as oil/fuel.
1.18.5	Is it likely that a neutral or beneficial effect on water quality will occur? Why?	Small scale of works with minimal soil disturbance far from watercourses	
<b>SPECIAL AND CONTROLLED AREAS</b>			
Select the appropriate safeguards to manage the impacts			
SP1	Special & Controlled Areas	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.	<input checked="" type="radio"/> Yes <input type="radio"/> N/A

SP2	Special & Controlled Areas	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).	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
SP3	Special & Controlled Areas	All gates and barriers shall be closed and locked at all times to prevent unauthorised access to the Special/Controlled Area	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
SP4	Special & Controlled Areas	Any suspected unauthorised access to the area shall be reported to the WaterNSW Incident Number 1800 061 069 (24/7 Service)	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
SP5	Special & Controlled Areas	All incidents, spills or fire sightings that occur in the WaterNSW Special / Controlled Area shall be immediately reported to the WaterNSW Incident Number 1800 061 069 (24/7 Service)	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
SP6	Special & Controlled Areas	Works shall not be undertaken and vehicles shall not travel on unsealed roads in the Water NSW Special / Controlled Areas when road surfaces are saturated, water is flowing down table drains or the catchment has been closed by Water NSW.	<input type="radio"/> Yes <input checked="" type="radio"/> N/A
SP7	Special & Controlled Areas	Portable fuel trailers shall be taken off catchment at the end of each working week.	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
SP8	Special & Controlled Areas	Any imported fill material shall be restricted to 'Virgin excavated natural material' (eg clay, gravel, sand soil and rock) that is not mixed with any other waste. Coal waste materials shall not be used in the construction or maintenance of trails.	<input type="radio"/> Yes <input checked="" type="radio"/> N/A
SP9	Special & Controlled Areas	New gravel or borrow pits shall not be established within the Special Areas.	<input type="radio"/> Yes <input checked="" type="radio"/> N/A
SP10	Special & Controlled Areas	In the event Water NSW fire roads are damaged as a result of the works, they shall be repaired as soon as practicable.	<input type="radio"/> Yes <input checked="" type="radio"/> N/A
SP11	Special & Controlled Areas	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.	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
1.19	Does the project or work require any vegetation to be cleared?	<input type="radio"/> Yes <input checked="" type="radio"/> No	Clearing means any one or more of the following: (a) cutting down, felling, thinning, logging or removing vegetation, (b) killing, destroying, poisoning, ringbarking, uprooting or burning native vegetation.
1.20	Is the project or work located on, in or adjacent to (within 40m) of a "water land" or waterway?	<input type="radio"/> Yes <input checked="" type="radio"/> No	'water land' means land submerged by water: (a) whether permanently or intermittently, or (b) whether forming an artificial or natural body of water, and includes wetlands and any other land prescribed by the regulations as water land to which this Division applies ⓘ
1.21	Is the project or work likely to result in any soil disturbance?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
1.22	Will the project or work require the stockpiling of any materials?	<input type="radio"/> Yes <input checked="" type="radio"/> No	

## SOIL AND WATER

Select the appropriate safeguards to manage the impacts

SW1	Soil and Water	All works shall be undertaken in a manner that will minimise site disturbance and avoids or minimises erosion and sedimentation.	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
SW2	Soil and Water	All areas disturbed during the works shall be protected by installing appropriate erosion and sedimentation control measures so that sediment-laden runoff does not enter any drainage line or wetland. Measures may include: o diverting any potential upslope runoff and stormwater away from the site; o installing temporary erosion control devices (eg sediment fencing, sand bags, sediment basins); o temporary surface protection (eg surface mulching, geotextile/erosion control matting).	<input type="radio"/> Yes <input checked="" type="radio"/> N/A
SW3	Soil and Water	All erosion and sediment control measures shall be checked and maintained on a regular basis so that they work effectively at all times, including removing trapped sediment before or when 30% capacity is reached. Control measures shall not be removed before the ground surface is stabilised.	<input type="radio"/> Yes <input checked="" type="radio"/> N/A
SW4	Soil and Water	A maintenance checklist shall be prepared for sites. Records shall be kept of all checks and maintenance and shall be provided to Water NSW on request. As a minimum this shall include a regular check of:	<input type="radio"/> Yes <input checked="" type="radio"/> N/A

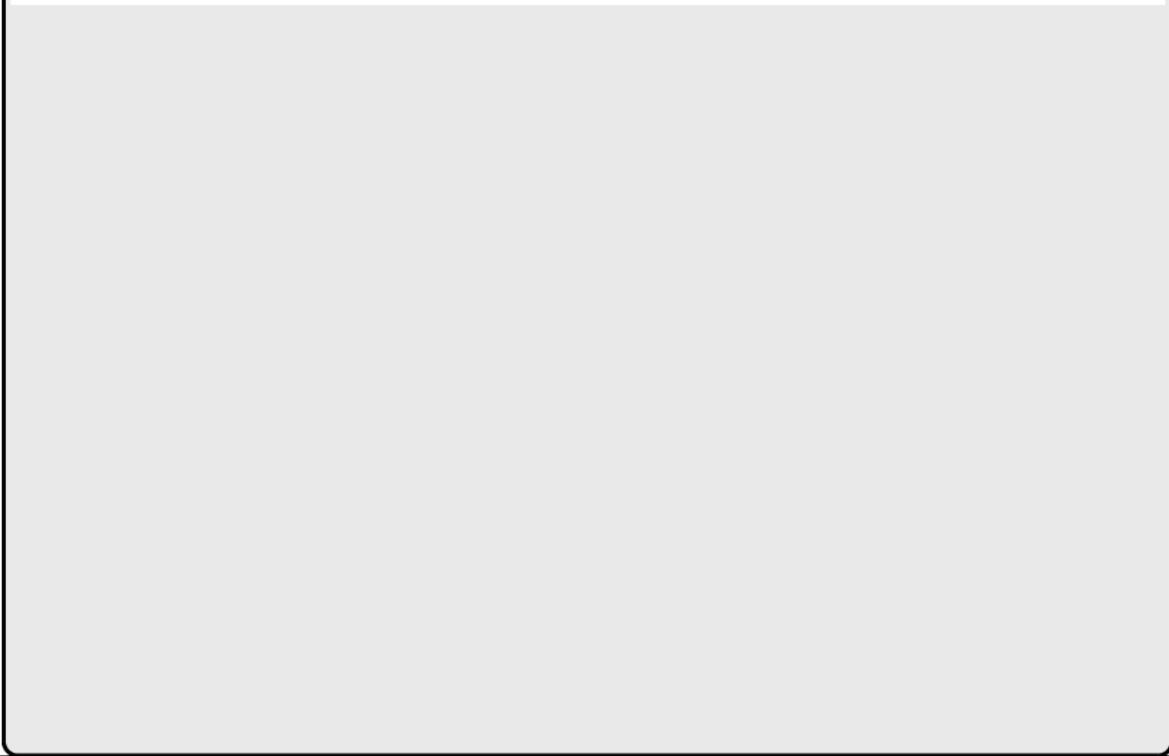
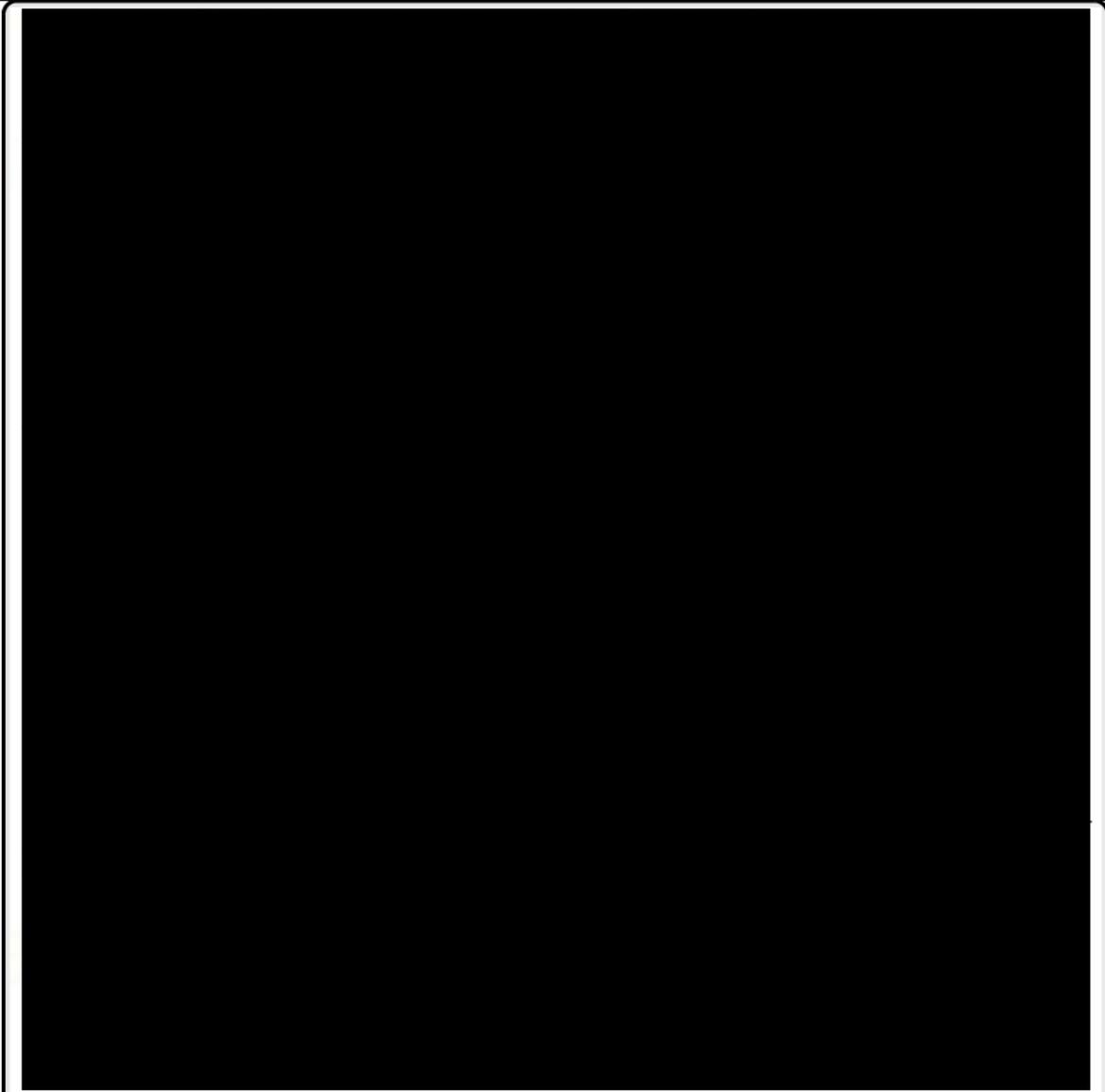
		<ul style="list-style-type: none"> <li>o sediment fencing/bunding</li> <li>o any sign of erosion of the site or material</li> <li>o any impact on adjacent vegetation (material shall be kept outside the dripline of any tree)</li> <li>o the safe storage of any chemicals, fuels or lubricants</li> <li>o the height, gradient and stability of any stockpile (&lt;2m high and 2:1 slope)</li> </ul>	
SW5	Soil and Water	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	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
SW6	Soil and Water	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.	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
SW7	Soil and Water	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.	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
SW8	Soil and Water	Weather forecasts shall be regularly checked so that expected storm events can be taken into account in project planning and erosion and sediment management.	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
SW9	Soil and Water	Temporary compounds and stockpiles shall be located: <ul style="list-style-type: none"> <li>o at least 40m from natural or built drainage lines or wetland;</li> <li>o on areas previously disturbed and that do not require the clearing of native vegetation;</li> <li>o on level, hard ground wherever possible, and shall not be located on slopes steeper than 1(V):10(H);</li> <li>o beyond tree drip lines;</li> <li>o where there is no risk of impact on any indigenous or non-indigenous heritage site.</li> </ul>	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
SW10	Soil and Water	Topsoil shall be stockpiled separately from general spoil and reused wherever possible.	<input type="radio"/> Yes <input checked="" type="radio"/> N/A
SW11	Soil and Water	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.	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
SW12	Soil and Water	Waste water generated during works shall be captured and: <ul style="list-style-type: none"> <li>- tested and treated before release back into the environment ensuring all water quality criteria are met;</li> <li>- disposed offsite at a lawful receiving facility;</li> <li>- sediment laden waters can be discharged in a manner that prevents sediments entering natural or built drainage lines or wetlands.</li> </ul>	<input type="radio"/> Yes <input checked="" type="radio"/> N/A
SW13	Soil and Water	Silt booms shall be installed in the stream or water body around the work site, or immediately downstream. The silt booms shall be appropriately anchored to maximise the capture of any sediment laden water.	<input type="radio"/> Yes <input checked="" type="radio"/> N/A
SW14	Soil and Water	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.	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
1.23	Will the project or work result in the generation of any waste materials?	<input type="radio"/> Yes <input checked="" type="radio"/> No	<i>This may include spoil, concrete, building materials, vegetation, wastewater, oil and grease.</i> <i>Will portable toilets be needed at the site?</i>
1.24	Will the project or work have an impact on members of the public or surrounding areas?	<input checked="" type="radio"/> Yes <input type="radio"/> No	<i>Types of impact may include noise, dust, access, visual amenity.</i> <i>Surrounding land uses may be agricultural/other rural land uses, residential, recreational etc.</i>
1.24.1	Provide details of the impact e.g. access, noise disturbance, dust.	Access to the sites will need to be restricted to members of the public during construction of fencing	

**COMMUNITY**

Select the appropriate safeguards to manage the impacts			
C1	Community	A Community Engagement Plan, or equivalent, shall be prepared to the satisfaction of the Water NSW Communications Team before work commences.	<input type="radio"/> Yes <input checked="" type="radio"/> N/A
C2	Community	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.	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
C3	Community	All access through, or work within any private property shall be undertaken with a minimum of inconvenience to the owner/ occupier	<input type="radio"/> Yes <input checked="" type="radio"/> N/A
NOISE AND VIBRATION			
Select the appropriate safeguards to manage the impacts			
N1	Noise and Vibration	All practicable and feasible measures shall be taken to minimise noise. All vehicles, plant and equipment shall comply with relevant EPA and Workcover requirements.	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
N2	Noise and Vibration	For any work approved to be undertaken outside standard hours, the emitted noise should not exceed the background noise level + 5dB(A)	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
AIR QUALITY			
Select the appropriate safeguards to manage the impacts			
AQ1	Air Quality	All practicable and feasible measures shall be taken to avoid raising excessive levels of dust.	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
AQ2	Air Quality	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.	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
AQ3	Air Quality	Wherever possible, vehicles, plant and equipment shall be switched off when not in use.	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
AQ4	Air Quality	Hazardous material shall be handled as per relevant guidelines to avoid potential air pollution.	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
1.25	Will the project require new access tracks to be developed or fences to be installed?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
1.26	Are there any impacts on any utilities and/or roads?	<input checked="" type="radio"/> Yes <input type="radio"/> No	Carry out a <a href="#">dial-before-you-dig</a> if necessary or conduct a survey to indicate if any underground infrastructure is present, eg, water, sewer, power, telecommunications, council roads, otherwise contact the supply authority or local Council (cl.13 ISEPP) ⓘ
1.26.1	Provide details of the impact and consultation outcomes.	Site assessment for buried utilities will be done before work commence. WaterNSW plans will be consulted	Details to be included are; the infrastructure that will be impacted, owner of the infrastructure and outcomes of any consultation ⓘ
TRAFFIC			
Select the appropriate safeguards to manage the impacts			
T1	Traffic and Utilities	A Traffic Management Plan shall be prepared as part of the CEMP, addressing the traffic and site access issues identified in the EIA.	<input type="radio"/> Yes <input checked="" type="radio"/> N/A
T2	Traffic and Utilities	Care shall be taken to ensure other infrastructure including underground electrical, fibre optic, gas and water pipes as well as road surfaces and overhead assets is not damaged as result of the works.  The appropriate utility owner shall be notified in the event of any damage to their utility/assets  Undertake a <i>Dial Before You Dig</i> search before works commence.	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
T3	Traffic and Utilities	Where works are conducted on or adjacent to public roads or need to be closed temporarily for safety reasons, appropriate traffic control procedures shall be implemented.	<input type="radio"/> Yes <input checked="" type="radio"/> N/A
T4	Traffic and Utilities	Vehicles and machinery shall use existing tracks wherever possible, avoid making new tracks and be kept out of swamps, wetlands and drainage lines.	<input type="radio"/> Yes <input checked="" type="radio"/> N/A

T5	Traffic and Utilities	All practical measures shall be taken to prevent tracking of soil or materials from the worksite onto public roadways. If tracking occurs, affected roadways shall be swept at least daily.	<input checked="" type="radio"/> Yes <input type="radio"/> N/A
1.27	Add specific stakeholder requirements or other measures that need to be included in the Environmental Approval.	Nepean picnic area is listed on the WaterNSW Heritage Register and on the State Heritage Register. An approval is required from NSW Heritage	<i>Note: State Environmental Planning Policy (Infrastructure) 2007, Part 2 Division 1 and Division 4 outlines specific conditions where affected stakeholders need to be consulted and the timeframes for consultation.</i>
1.28	Are there any post-construction rehabilitation or future maintenance requirements?	<input type="radio"/> Yes <input checked="" type="radio"/> No	<i>Post rehabilitation may include replanting, rip rap and making good of a disturbed area.</i>
1.29	Is a Construction Environmental Management Plan (CEMP) required?	<input type="radio"/> Yes <input checked="" type="radio"/> No	<i>A CEMP demonstrates how &amp; where site specific environmental controls or safeguards will be implemented at the project site. Not all projects or works need to have a CEMP prepared, for example small scale works with few potential impacts. The CEMP must address the safeguards identified in the EIA for the project. (refer to CD2015/188* - CEMP Condensed Template)</i>
1.29.1	Explain why a CEMP would not be necessary for this project or work	Small scale of works	
1.30	Are there any special environmental safeguards, controls or mitigation measures that need to be implemented during this project or works?	<input checked="" type="radio"/> Yes <input type="radio"/> No	<i>Minor and routine works not requiring a CEMP can still require specific mitigation measures.</i>
1.30.1	Provide details. Include a list of any project specific controls or mitigation measures that need to be implemented during this project or works.		
<p>Thank you for completing <b>Section 1</b> of this Minor Works Environmental Impact Assessment .</p> <p>Ensure you have saved this form to ARK and included the ARK reference number above.</p> <p>Go to myWaterNSW, click 'Request Something' &amp; create a service request for Environmental Services.</p>			<p>Save to ARK and go to <a href="#">myWaterNSW</a> to create a service request</p>
<input checked="" type="radio"/>	<p><u>Environmental Services Team</u> - Once Section 1 has been submitted, check that all questions are completed. If Section 1 is incomplete refer back to the Project Manager with comments. Environmental Services will complete section 2 &amp; 3 of the assessment.</p>		

SECTION 2 ENVIRONMENTAL CONSIDERATIONS			
	QUESTIONS	ANSWERS	HERITAGE TO BE CHECKED
2.1	Will the project / work occur on a heritage item? Is the work site or asset identified on the WaterNSW s170 heritage register or the State heritage register or identified as a local heritage item on the LEP?	<input checked="" type="radio"/> Yes <input type="radio"/> No	Heritage to be checked: 1. <a href="#">WaterNSW S170 Register (D2016/73126)</a> 2. <a href="#">NSW Planning Portal</a> ⓘ 3. Relevant Council LEP
2.1.1	Identify and describe the works with regard to the heritage significance.	WaterNSW proposes to undertake the installation of a safety fence to the rear of the tramway platform and small grassed area along the rock wall. The fence will cover a distance of approximately 90m as shown in Figure 2. It will be located approximately 1.5-2m from the rear rock wall. This allows for the greatest capture of rocks falling from the wall.	
2.1.2	Is the item identified on the LEP as locally significant?	<input checked="" type="radio"/> Yes <input type="radio"/> No	If yes notification to Council with provision of a heritage impact assessment for the works is required, and any comments received within 21 days must be considered.  Consult the Heritage Specialist for advice ⓘ
2.1.3	Will the impacts be more than minor or inconsequential?	<input type="radio"/> Yes <input checked="" type="radio"/> No	If there is more than minor or inconsequential impact to a local heritage item, Council notification with provision of a heritage impact assessment for the works is required, and any comments received within 21 days should be considered.
To be <b>Exempt Development</b> - must involve no more than minimal impact on the heritage significance of the item or area [Refer SEPP Infrastructure cl20 (e) (e1) (e2)]			
2.1.5	Include details that support the above conclusions and outcomes of consultation with the heritage specialist.	Approval has been granted under Section 60 fast track application no: HMS ID 930, received 16 March 2022	
2.2	Are there any: - relevant confirmed site records or other associated landscape feature information on AHIMS? and/or - other sources of information of which a person is already aware? and/or - landscape features that are likely to indicate the presence of Aboriginal objects? - ILUA in place?	<input type="radio"/> Yes <input checked="" type="radio"/> No	<b>Landscape features</b> that indicate the likely existence of Aboriginal objects. <i>Is the proposed activity</i> - within 200 metres of waters - within sand dunes on a ridge top/ridge line/headland - within 200 metres of the top or bottom of a cliff face - within 20m of or within a cave, rock shelter or a cave mouth  AND the land is NOT previously disturbed ⓘ  An <a href="#">Aboriginal Heritage Information Management System (AHIMS) Web Services</a> search must be undertaken using 200m buffer of the project or work and if positive undertake within 50m.  <a href="#">ILUA - Indigenous Land Use Agreement search tool</a>



2.2.2	<p>Does the project or work :</p> <ul style="list-style-type: none"> <li>- fall under an identified low impact activity; and/or</li> <li>- avoid disturbing the ground surface or any culturally modified trees?</li> </ul>	<input checked="" type="radio"/> Yes <input type="radio"/> No	<p>Low impact activities are listed in <a href="#">Clause 58</a> and include:</p> <ul style="list-style-type: none"> <li>- Road/track maintenance on land that has been previously disturbed</li> <li>- Utilities/services maintenance on land that has been - previously disturbed</li> <li>- Fence construction/maintenance on land that has been previously disturbed</li> <li>- Erosion control/soil conservation works construction/ maintenance on land that has been previously disturbed</li> <li>- Exempt development on land that has been previously disturbed</li> <li>- Removing isolated/dead/dying vegetation with minimal disturbance <b>(i)</b></li> </ul>
2.3	<p>Is the project or work within or likely to affect any of the following?</p> <ul style="list-style-type: none"> <li>- Declared Wilderness Area</li> <li>- Declared Area of Outstanding Biodiversity Value</li> <li>- Critical habitat of an endangered species, population or ecological community</li> </ul>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<p>There are 49 areas of Wilderness across NSW, 4 affecting the Sydney Drinking Water Catchments: Look up details using NULA.</p> <p>For land declared critical habitat, check:</p> <ol style="list-style-type: none"> <li>1. <a href="#">OEH Critical Habitat Register</a></li> <li>2. <a href="#">DPI Fisheries Register of Critical Habitat</a></li> </ol> <p>Exempt development cannot be carried out in critical habitat of an endangered species, population or ecological community (identified under the Biodiversity Conservation Act or the Fisheries Management Act)</p> <p>An Area of Outstanding Biodiversity Value is declared under the Biodiversity Conservation Act 2016 and includes critical habitat.</p>
2.3.1	<p>Add any information relevant to the searches undertaken.</p>		
2.4	<p>Is the project or works within or likely to affect any of the following areas:</p> <ul style="list-style-type: none"> <li>- World Heritage Land or land to which SEPP (Coastal Management) 2018 applies</li> <li>- Wetlands and/or migratory birds</li> <li>- National Parks or Land covered by a Conservation Agreement</li> </ul>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<p>The Warragamba Special Area is within the Greater Blue Mountains <a href="#">World Heritage Area</a>.</p> <p>See SEPP (Exempt &amp; Complying Development) 2008 <a href="#">Clause 1.5</a> for inclusions of environmentally sensitive areas, use hyperlink to check:</p> <ul style="list-style-type: none"> <li>- an <a href="#">aquatic reserve</a> under the Fisheries Management Act 1994 or a <a href="#">marine park</a> under the Marine Parks Act 1997</li> <li>- A <a href="#">RAMSAR wetland</a> or a <a href="#">World Heritage</a> area declared under the World Heritage Convention <b>(i)</b></li> </ul> <p>If works will impact on National Park or area with a conservation agreement consultation is required.</p>
2.5	<p>Are there any known contamination/ hazardous materials issues?</p>	<input checked="" type="radio"/> Yes <input type="radio"/> No	<p>Examples may include asbestos, contaminated soil. <a href="#">NULA Contaminated Land Risk Register (D2016/135491)</a> and <a href="#">Hazardous Materials Register (D2015/74763)</a>. Register - Gauging Stations, 26 November 2014 - Asbestos NSW Office of Water D2015/74762</p>
2.5.1	<p>Provide specific safeguards details</p>	<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"> <li>o Waste classification certificate (in accordance with NSW EPA Waste Classification Guidelines – attached) if soils are required to be taken offsite</li> <li>o Asbestos air monitoring results</li> <li>o Asbestos clearance certificate</li> </ul> <p>Class B licensed asbestos removalist to undertake the removal works. They will need to provide:</p> <ul style="list-style-type: none"> <li>o Safework notification</li> <li>o Asbestos removal control plan (recommend this is reviewed by the Ops Safety team prior to works being undertaken)</li> <li>o Tipping receipt dockets</li> <li>o NSW EPA Waste Locate number</li> </ul>	<p>Section 60 of the Contaminated Land Management Act 1997 includes a duty to report contamination. For further details see the <a href="#">Guidelines on the Duty to Report Contamination under the Contaminated Land Management Act 1997</a></p>
2.6	<p>Does the project or works require consent under State Environmental Planning Policy (Vegetation Non-Rural Areas) or the Local Land Services Act 2013?</p> <p><b>Note:</b> Vegetation removal that is part of an activity that is assessed as development without consent is approved under Part 5 of the EP&amp;A Act, removing the need for Council consent or LLS Act approval.</p>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<p>Vegetation clearing works are likely to be permissible as part of an activity that is being assessed under Part 5 of the EP&amp;A Act or; as works under a WM Act approval or; as bush fire management activities and authorised by other legislation. Additional permissibilities under the LLS Act and State Environmental Planning Policy (Vegetation- Non-Rural Areas) 2017. Refer to the Local Land Services Act 2013 Section 60 O for a list of authorisations and permissibilities.</p> <p><b>Use the <a href="#">OEH Native Vegetation Regulatory Maps</a> to determine vegetation category.</b></p>
2.6.1	<p>Provide details</p>	<p>The works do not require any vegetation removal</p>	<p>Ensure no ancillary activities require clearing. Record justification if clearing can be undertaken without</p>

			approval. Attach evidence of consultation where required.
2.7	Is the project or work likely to have only a minimal impact on the environment?	<input checked="" type="radio"/> Yes <input type="radio"/> No	A project is likely to have more than a minimal impact if for example: <ul style="list-style-type: none"> <li>• a license or permit is required</li> <li>• it is carried out in a waterway where flow interruptions are required</li> <li>• there is likely to be a community impact</li> <li>• it will result in the clearing of mature trees or a large area of understorey or native grasses</li> <li>• it will impact on an aboriginal heritage item</li> <li>• it will result in largescale soil disturbance</li> <li>• it will result in an increase in hard surfaces</li> <li>• it will result in the creation of new tracks, roads</li> <li>• it will result in more than minimal modifications / alterations to items of State or local significance ⓘ</li> </ul>
2.7.1	Provide any additional information relevant to and that supports the above assessment.		Details here will not appear elsewhere on the approval
2.7.2	Does the project or work fall within one of the development categories & associated exempt development types listed under SEPP (Infrastructure) 2007 Clause or Schedule 1 or alternative Environmental Planning Instrument?	<input checked="" type="radio"/> Yes <input type="radio"/> No	If <a href="#">ISEPP</a> clauses don't adequately describe the project or works including Schedule 1, consider <a href="#">State Environmental Planning Policy (Exempt and Complying Development Codes) 2008</a> ⓘ
2.7.3	Detail the planning instrument, development category and exempt development type that best describes the project or works?	The works are considered to be exempt under ISEPP Clause 127 (n) works for safety or security, such as— (i) construction, maintenance or realignment of security fencing that has a height above ground level (existing) of not more than 3.2m	
2.8	Are there any special environmental safeguards, controls or mitigation measures that need to be implemented during this project or works?	<input type="radio"/> Yes <input checked="" type="radio"/> No	
2.9	Does the project or works require notification under the <a href="#">Fisheries Management Act</a> ?	<input type="radio"/> Yes <input checked="" type="radio"/> No	Activities that could trigger requirement include: <ul style="list-style-type: none"> <li>• Dredging or reclamation on water land (S198A and C263)</li> <li>• Construction, alteration or modifications to a dam, weir or reservoir (S218)</li> <li>• Interruptions to water flows or does the project or work obstruct the passage of fish (S219) ⓘ</li> </ul>
<b>Project or works can be approved as exempt development. Go to Section 4 Environmental Approvals</b>			

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 - <a href="mailto:feedback@waternsw.com.au">feedback@waternsw.com.au</a> or 1300 662 077.		
G3	All environment incidents shall be addressed in accordance with WaterNSW's Environmental Incident Management Procedure <b>CD2016/6*</b> .		
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 <b>CD2015/210*</b> 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 <b>CD2012/184*</b> - 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.
<b>Soil and Water</b>	
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"> <li>o at least 40m from natural or built drainage lines or wetland;</li> <li>o on areas previously disturbed and that do not require the clearing of native vegetation;</li> <li>o on level, hard ground wherever possible, and shall not be located on slopes steeper than 1(V):10(H);</li> <li>o beyond tree drip lines;</li> <li>o where there is no risk of impact on any indigenous or non-indigenous heritage site.</li> </ul>
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.
<b>Flora and Fauna</b>	
<b>Pest and Weed Control</b>	
<b>Air Quality</b>	
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.
<b>Noise and Vibration</b>	
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)
<b>Heritage</b>	
<b>Waste</b>	
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.
<b>Site Decommissioning and Restoration</b>	

<b>Fencing</b>	
<b>PROJECT SPECIFIC SAFEGUARDS</b>	
PS1	
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"> <li>o Waste classification certificate (in accordance with NSW EPA Waste Classification Guidelines – attached) if soils are required to be taken offsite</li> <li>o Asbestos air monitoring results</li> <li>o Asbestos clearance certificate</li> </ul> <p>Class B licensed asbestos removalist to undertake the removal works. They will need to provide:</p> <ul style="list-style-type: none"> <li>o Safework notification</li> <li>o Asbestos removal control plan (recommend this is reviewed by the Ops Safety team prior to works being undertaken)</li> <li>o Tipping receipt dockets</li> <li>o NSW EPA Waste Locate number</li> </ul>
<b>STAKEHOLDER REQUIREMENTS</b>	
SR1	Nepean picnic area is listed on the WaterNSW Heritage Register and on the State Heritage Register. An approval is required from NSW Heritage
<b>DECLARATION AND SIGN-OFF</b>	
<p>The proposed project/works described within this document are classified as 'exempt development' in accordance with the <i>Environmental Planning and Assessment Act 1979</i> (EP&amp;A Act) and the <i>State Environmental Planning Policy (Infrastructure) 2007</i>. WaterNSW is satisfied that the proposed project/works:</p> <ul style="list-style-type: none"> <li>• will have no more than a minimal impact on the environment,</li> <li>• will not significantly impact critical habitat of an endangered species, population or ecological community, or a wilderness area,</li> <li>• satisfy the requirements of clause 20 of the <i>State Environmental Planning Policy (Infrastructure) 2007</i>; and</li> <li>• do not involve the removal of asbestos unless that removal is undertaken in accordance with <i>Working with Asbestos: Guide 2008</i> published by the WorkCover Authority.</li> </ul> <p>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.</p>	
Approval ARK # ⓘ	
<p style="text-align: center;"><b>Environmental Adviser Approval</b> Environmental Impact Assessment for Minor Works was approved/endorsed by</p>	