

## Environmental & Waste Management Plan

<b>Contract Name:</b>	<b>BAAKA Cultural Centre Wilcannia</b>	<b>Contract No.: To be advised when let</b>		
<b>ENVIRONMENTAL OBJECTIVES</b>	<b>ACTION TO BE TAKEN</b>	<b>WHEN ACTION WILL BE TAKEN</b>	<b>PERSON RESPONSIBLE</b>	<b>ACTION COMPLETED</b>
<b>1. CONSERVATION OF PLANTS &amp; WILDLIFE</b>				
1.1 Protect flora and fauna	Protect existing trees and plants at and around the Site from damage unless approved by the Principal. Refer to Arborist report on tree protection and retention – Jacaranda Tree and large Palm Tree	Construction Contractor	Site Manager	
	Do not remove trees and plants without approval from the Principal	Construction Contractor	Site Manager	
	Control weeds on the Site			
	Protect birds, fish and animals at and around the Site from harm	Construction Contractor	Site Manager	
	Do not remove birds, fish and animals from the Site without the written agreement of the Principal	Not applicable		
	Do not bring birds, fish, animals and plants onto the Site without written agreement from the Principal	Not applicable		
	Minimise the use of pesticides and herbicides for minimal impact on the environment	Not applicable		
1.2 Control movement of pedestrians, materials, vehicles and plant to minimise damage to the environment	Use only designated routes for access to the Site. Pedestrian footpath to be retained where possible for foot traffic, where not available ensure appropriate signage is erected directing public to alternative routes	Construction Contractor	Site Manager	
	Use designated site roads and access routes for all movements on and adjacent to the Site	Not Applicable this site		
	Locate compounds, and park all vehicles and plant, in designated areas on the Site. Site compound to be retained within the boundaries of the site unless proper authority is gained for location outside the site. Contractor/working parking to be approved by Council	Construction Contractor	Site Manager	

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<b>2. CONSERVATION OF RESOURCES</b>				
2.1 Design for energy efficiency	Adopt energy efficiency, environmental enhancement and waste minimisation as design criteria – Solar panels included in design for power generation and hot water	As designed	Design team	Completed
2.2 Select materials to minimise:	Use low energy usage construction, fittings and appliances (including heating/cooling and lighting)	As designed	Design team	Completed
– resource use and waste	Incorporate conservation of resources obligations into subcontracts	Construction Contractor	Site Manager	
– ozone depleting effects	Reuse all topsoil on the Site and minimise the use of imported topsoil	Construction Contractor	Site Manager	
– detrimental effects on air, water, and land quality	Mulch and chip cleared vegetation as appropriate	Construction Contractor	Site Manager	
	Maximise use of materials that are recyclable or from a sustainable source	Construction Contractor	Site Manager	
2.3 Conserve heritage items and other physical attributes of the Site	Use timber from sustainable managed sources only	Construction Contractor	Site Manager	
	Implement a strategy to reduce the quantity of waste, including minimising and recycling packaging	Construction Contractor	Site Manager	
	Use low water demand fittings & appliances (dual flush toilets, water conserving shower roses & taps)	As designed	Design team	Completed
	Minimise the use of solvents, glues, paints and other materials which release odours or vapour	Construction Contractor	Site Manager	
	Comply with statutory requirements for conservation of heritage items	As designed	Design team	Completed

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	Manage the conservation of physical attributes of the Site, including (LIST THE ATTRIBUTES): <ol style="list-style-type: none"> <li>1. heritage stone work identified in design</li> <li>2. Reconstruct verandah on street alignment as original design</li> <li>3. Restoration of the existing stone building to be in accordance with design and the Heritage conservation plan</li> </ol>	Construction Contractor	Site Manager	
<b>3. POLLUTION CONTROL</b>				
3.1 Control discharges and emissions from vehicles and plant to minimise damage to the environment	Do not use vehicles, plant or equipment that produce excessive emissions	Construction Contractor	Site Manager	
	Monitor emissions from vehicles and plant	Construction Contractor	Site Manager	
	Do not bring vehicles or plant and equipment with hydraulic fluid, fuel or oil leaks to the Site	Construction Contractor	Site Manager	
	Wash down vehicles, plant and equipment only in controlled areas acceptable to the Principal	Construction Contractor	Site Manager	
	Prevent and clean up any spills from transport vehicles	Construction Contractor	Site Manager	
3.2 Prevent pollution of stormwater and adverse effects on land and vegetation by control of cleaning activities and discharges	Use only water based, non-toxic paints and use only water to clear point brushes and rollers	Construction Contractor	Site Manager	
	Control all run-off from cleaning activities	Construction Contractor	Site Manager	
	Discharge only non-toxic cleaning products generally	Construction Contractor	Site Manager	

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3.3 Control soil erosion	Identify the existing drainage paths on the Site and protect them against siltation	Construction Contractor	Site Manager	
	Protect vulnerable and exposed surfaces and stockpiles against scouring	Construction Contractor	Site Manager	
	Install the following sediment control devices before starting construction (LIST THE DEVICES): 1. Protect stormwater discharge systems from potential site waste runoff	Construction Contractor	Site Manager	
	Monitor and manage the effectiveness of sediment control devices	Construction Contractor	Site Manager	
	Remove sediment control devices when no longer required	Construction Contractor	Site Manager	
3.4 Prevent release of soil contamination to the environment	Establish, before starting work on the Site, in consultation with the Principal, if contaminated soil is present at the Site. Site remediation has been carried out by others and included in the contract documents, clearance certificates and reports available. Contractor to advise the Principal of the contract of any found contamination at the site no identified in the contract documentation	Construction Contractor	Site Manager	
	If contaminated soil is present, manage the work to prevent release to the environment	Construction Contractor	Site Manager	
3.5 Manage refrigerants and other dangerous goods to meet statutory requirements	Ensure the procedures used for the charging and disposal of refrigerants and use of dangerous goods meet statutory obligations	NOT USED		
	Use appropriately trained employees	NOT USED		
	Obtain the licences required	NOT USED		
	Document dangerous goods identification, disposal and management, and retain the documentation	NOT USED		

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3.6 Minimise noise and vibration impacts on neighbours, occupants and users of any facility	Comply with noise limits and conditions prescribed by the EPA, Office of Environment and Heritage and Council (as applicable)	Construction Contractor	Site Manager	
	Use equipment in good repair and condition	Construction Contractor	Site Manager	
	Use noise suppression equipment (e.g. silencers on compressors) and acoustic barriers as required	Construction Contractor	Site Manager	
	Do not expose workers, neighbours or visitors to excessive noise, and cooperate and coordinate with operators of any neighbouring facility	Construction Contractor	Site Manager	
	Do not expose people or property to excessive vibrations	Construction Contractor	Site Manager	
3.7 Comply with Trade Waste Licence conditions applicable to the facility	Implement procedures to avoid breaches of the Trade Waste Licence conditions (may apply to discharges from cooling water systems, condenser water systems, heating water systems, cooking facilities, engine discharges, water treated with chemicals or where large sediment loads exist) <ul style="list-style-type: none"> <li>Potential for trade waste licence agreement required for commercial kitchen, the Principal of the contract will be responsible for arrangement of any trade waste licences</li> </ul>	Contract principal and owner of the building	Central Darling Shire Council	
3.8 Minimise air pollution from dust and emissions	Minimise areas of exposed earth and stockpiles	Construction Contractor	Site Manager	
	Cover and secure materials in open transport	Construction Contractor	Site Manager	
	Use water sprays and/or other means to control dust	Construction Contractor	Site Manager	
	Keep emissions within statutory or other required limits	Construction Contractor	Site Manager	

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	Minimise fire risks, and prevent and control fires	Construction Contractor	Site Manager	
3.9 Dispose of waste in accordance with statutory requirements	Implement appropriate disposal procedures for all waste items, including using lawful places for disposal, recording and reporting on the method and location of disposal and any non-conformances.  Contractor to negotiate with Central Darling Shire Council for tipping instruction and permits for the duration of the works  Contractor to contain waste and construction materials at the site in suitable bins and skips  Arrange for removal either by contractor personnel, contract waste removal teams or Council on agreement and pay appropriate fees and charges	Construction Contractor	Site Manager	
	<b>EITHER</b> Provide valid disposal certificates for each applicable item <b>OR</b> Provide company certification of appropriate disposal of the following (LIST THE ITEMS):	Construction Contractor	Site Manager	
	<ol style="list-style-type: none"> <li>1. Packaging materials</li> <li>2. Replaced or redundant materials</li> <li>3. Chemicals</li> <li>4. Oils and greases from machinery, cooking and other processes</li> <li>5. Paints and solvents, including those used to clean equipment, tools and brushes</li> <li>6. Cleaning materials and rags</li> <li>7. Materials unsuitable for re-use, including hazardous materials such as asbestos</li> </ol>			
3.10 Minimise damage to the	Document emergency procedures to manage all reasonably foreseeable harm, including spills and other environmental emergencies	Construction Contractor	Site Manager	

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environment from emergencies	Ensure emergency procedures are followed	Construction Contractor	Site Manager	
	Obtain the agreement of the Principal to procedures for handling oil, chemicals and other dangerous goods before placing them on the Site, including secure storage arrangements	Construction Contractor	Site Manager	
	Reinstate and clean damaged areas and features, including work areas	Construction Contractor	Site Manager	
	Identify key contacts: (LIST NAMES and ROLES) 1. Site manager – Contractor	Construction Contractor	Site Manager	
3.11 Comply with environmental requirements and rectify breaches	Inspect the Site daily to ensure appropriate environmental controls are in place and operating effectively, and that all environmental management requirements are being met	Construction Contractor	Site Manager	
	Cooperate with environmental audits by others	Construction Contractor	Site Manager	
	Rectify any environmental breaches identified within the time specified in an audit or by the Principal	Construction Contractor	Site Manager	
<b>4. RECORDS AND REPORTING</b>				
4.1 Provide sufficient documentation to demonstrate appropriate environmental management, including:	Prepare, submit and update the Environmental and waste Management Plan	Construction Contractor	Site Manager	
	Maintain and submit records of environmental and waste management training	Construction Contractor	Site Manager	
	Report on implementation of the Environmental and waste Management Plan	Construction Contractor	Site Manager	

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	Submit applicable waste disposal certificates and/or company certification of appropriate disposal	Construction Contractor	Site Manager	
	Submit to the Principal copies of correspondence with regulators, including incident reports and notification of non-compliances or fines	Construction Contractor	Site Manager	
	Submit documentation evidencing that the causes of non-compliances have been corrected	Construction Contractor	Site Manager	
	Keep records for inspection securely filed using an effective document retrieval system	Construction Contractor	Site Manager	
4.2 Report environmental incidents	Immediately report all environmental incidents to the Principal	Construction Contractor	Site Manager	
	Immediately report environmental incidents as otherwise required	Construction Contractor	Site Manager	