

ORGANISATION DETAILS			
Principal contractor:	Brendan McKenna Earthmoving Pty Ltd	Contact number:	0417 710 806
Project manager or supervisor:	Site Supervisor	Contact number:	
Person completing the SWMS:	Brendan McKenna	Contact number:	0417 710 806
Position:	Site Manager	Reviewed by:	Ron Broadhurst
Date prepared:	28/08/2026	Review date:	28/08/2028
PROJECT DETAILS			
Project	Shailer Dam Decommissioning Earthworks – Phase 2		
Project Reference	P263742		
What is the scope of the work?	Limited vegetation clearing and mulching within the approved Shailer Dam Phase 2 disturbance footprint to facilitate access, sump/drainage works and decommissioning earthworks. Clearing is to occur only where approved by QPWS and within confirmed work boundaries.		
Who else was consulted/involved in preparing this SWMS?	This SWMS has been developed in consultation with relevant workers and supervisors and aligned with the Shailer Dam project requirements, SSMP, EMP and approved methodology. Controls will be monitored and reviewed where incidents occur, hazards are identified, or site conditions and work activities change.		
What high risk work activities are covered by this SWMS?	Vegetation clearing and mulching using mobile plant within the approved disturbance footprint, including work on wet/soft or uneven ground and adjacent to dam, sump, drainage and dewatering areas. This SWMS does not authorise tree felling or chainsaw work unless separately assessed and approved.		
References: Legislation, Australian Standards, Codes of Practice, MSDS and SOPs.	WHS Act 2011 (Qld) / WHS Regulation 2011 (Qld) / Managing Risks of Plant in the Workplace Code of Practice / Managing Noise and Preventing Hearing Loss at Work Code of Practice / Hazardous Manual Tasks Code of Practice / Environmental Protection Act 1994 (Qld) / Biosecurity Act 2014 (Qld) / QPWS project requirements / Project EMP / SSMP / ESCP / Approved Earthworks Plan and Methodology / Relevant BME SWMS and Emergency Procedures.		
Plant involved in the scope of work:	Excavator with mulching attachment where approved; excavators and dozers associated with the work area. Other plant only where identified and approved for the task.		
What high risk licence classes will be required to do the work?	Relevant plant competencies required. Construction White Card and QPWS site induction required. Operators must be trained, competent and authorised for the plant being used.		

The following notes apply to the risk controls where relevant:

Personal Protective Equipment (PPE): High Vis Garments Hearing protection Safety Glasses Hard Hats Gloves Safety Footwear Other as identified by the task risk assessment.

Vegetation Clearing & Mulching – Shailer Dam Phase 2:

- Work must remain within the QPWS-approved disturbance footprint and confirmed clearing limits.
- QPWS site induction is required before commencing work.
- Vegetation removal is limited to that necessary for the approved Phase 2 earthworks and access.
- Clearing boundaries, no-go areas and environmentally sensitive areas must be understood before work starts.
- Coordinate clearing with QPWS where fauna/environmental inspection or direction is required.
- Maintain safe separation from retained water, sumps, dewatering activities, wet silt and unstable/soft ground.
- Stop work immediately if protected fauna, cultural heritage material, unexpected contamination, unstable ground or unsafe conditions are identified.
- Apply project biosecurity, erosion/sediment and environmental controls throughout the activity.

Identify each task in order	Specify the hazards/risks you have identified	What control measures will be implemented?	Who is responsible for implementing and monitoring controls?
Arriving onsite and pre-start assessment	Hazard: • Changed site conditions • Wet/unstable ground • Water/sump edges • Unauthorised access • Inadequate planning Risk: • Unsafe work area • Plant rollover/bogging • Delayed emergency response • Injury to workers or others	Complete daily pre-start, machine pre-start and site-specific risk assessment before work. Confirm QPWS induction, approved work areas, clearing limits, environmental controls and emergency arrangements. Inspect ground, water/sump edges, dewatering areas, overhead hazards, weather and access restrictions. Confirm emergency contacts and assembly arrangements. Inspect plant, attachments and PPE. Establish exclusion zones and communicate the planned activity.	Site Supervisor
Vegetation clearing and site preparation	Hazard: • Vegetation debris • Hidden obstacles • Uneven/soft ground • Falling branches • Clearing outside limits Risk:	Inspect the work area before clearing. Confirm clearing is required and within the approved disturbance footprint. Remove unnecessary obstacles where practicable. Maintain housekeeping and minimise vegetation accumulation. Keep workers outside plant exclusion zones. Do not disturb no-go areas or vegetation outside approved boundaries.	Site Supervisor

Safe Work Method Statement (SWMS) – Vegetation Clearing & Mulching

	• Slips/trips/falls • Impact injury • Plant instability • Environmental harm		
Operation of excavator / mulching attachment	Hazard: • Flying debris/projectiles • Plant interaction • Rollovers/bogging • Contact with workers • Soft or saturated ground Risk: • Crush/impact injury • Serious injury • Plant instability • Fatality	Operator must be competent and authorised. Conduct plant and attachment pre-start inspections. Establish and maintain an exclusion zone around operating machinery. Keep personnel clear of the mulching operating area. Operate at safe speeds and maintain a firm working platform. Maintain safe stand-off from water, sumps, soft edges and dewatering areas. Stop work if visibility, ground stability or site conditions become unsafe.	Plant Operator / Site Supervisor
Mobile plant interaction and movement	Hazard: • Multiple plant movements • Restricted visibility • Reversing • Workers on foot	Establish plant operating and pedestrian exclusion zones. Use positive communication before workers approach operating plant. Use a spotter where visibility or restricted access creates additional risk. Maintain separation between excavators, dozers and other site vehicles. Do not enter an operator's working radius until acknowledged and plant is in a safe state.	All Operators / Site Supervisor

Safe Work Method Statement (SWMS) – Vegetation Clearing & Mulching

	Risk: • Collision • Crush injury • Serious injury/fatality		
Working near water, sumps and soft ground	Hazard: • Retained water • Sumps/dewatering • Wet silt • Unstable banks/edges • Saturated ground Risk: • Drowning • Entrapment • Plant rollover/bogging • Slips/falls	Apply HS-SWMS-003 Working in, over or adjacent to water where applicable. Maintain safe plant stand-off distances from water and unstable edges. Do not enter water, deep mud or dewatering infrastructure unless specifically assessed and authorised. Maintain a clear escape route for workers and plant. Stop work if water levels, rainfall, dewatering or ground saturation changes make the area unsafe.	Site Supervisor / Plant Operator
Manual handling and movement of equipment	Hazard: • Lifting/pushing/pulling • Awkward postures • Heavy or unstable loads Risk:	Use mechanical aids where practicable. Assess loads before lifting and team lift where required. Avoid twisting while carrying loads. Position equipment close to the work area where safe. Take breaks and rotate tasks where practicable.	All Workers / Site Supervisor

Safe Work Method Statement (SWMS) – Vegetation Clearing & Mulching

	• Musculoskeletal injury • Strains and sprains	Report discomfort or injury promptly.	
Fire risk from machinery and vegetation works	Hazard: • Hot plant components • Friction/sparks • Dry vegetation build-up • Fuel sources Risk: • Fire ignition • Bushfire spread • Injury/environmental harm	Inspect plant for vegetation build-up around hot components. Remove accumulated vegetation during operations. Maintain suitable fire extinguishers on plant/support vehicles. Do not park hot machinery in long dry vegetation. Monitor weather and fire danger conditions. Stop work if fire risk becomes unacceptable and follow QPWS emergency directions.	Plant Operator / Site Supervisor
Environmental, fauna and biosecurity controls	Hazard: • Fauna interaction • Clearing outside boundaries • Sediment runoff • Biosecurity risks Risk: • Environmental harm • Injury from wildlife • Project non-compliance	Remain within approved work boundaries and no-go controls. Coordinate with QPWS if fauna or protected environmental features are identified. Do not handle wildlife unless authorised/competent to do so. Maintain erosion and sediment controls. Comply with plant hygiene/biosecurity requirements before site entry and when directed. Stop work and notify the Site Supervisor/QPWS for protected fauna, sensitive areas or unexpected environmental finds.	All Workers / Site Supervisor

Safe Work Method Statement (SWMS) – Vegetation Clearing & Mulching

Cultural heritage / unexpected finds	Hazard: • Unexpected heritage items • Human remains • Disturbance of significant area Risk: • Harm to cultural heritage • Legal/project non-compliance • Worker exposure to sensitive find	Stop work immediately if suspected cultural heritage material or human remains are identified. Establish an exclusion zone and do not touch, move or disturb the find. Notify the Site Supervisor and QPWS representative. Do not recommence in the affected area until authorised by QPWS and applicable requirements have been followed.	All Workers / Site Supervisor
Emergency response	Hazard: • Medical emergency • Plant incident • Water/soft-ground emergency • Fire/extreme weather Risk: • Delayed rescue • Serious injury/fatality	Emergency arrangements are to be communicated during site induction and pre-starts. Trained first aid personnel will be available onsite. For serious or life-threatening emergencies call 000. Keep emergency access available. The assembly point will be established and communicated during induction. Nearest hospital: Logan Hospital, 2 Armstrong Road, Meadowbrook QLD 4131. Do not place workers at further risk during rescue; use trained/specialist assistance where required.	All Workers / Site Supervisor
Site restoration and demobilisation	Hazard: • Remaining hazards • Debris/waste • Unstable or incomplete areas	Remove waste, unused materials and equipment. Inspect completed work areas and leave them safe. Maintain required erosion/sediment and environmental controls after clearing activities. Remove temporary safety controls only when no longer required and authorised.	Site Supervisor

	• Public access Risk: • Injury to workers/public • Environmental harm	Complete final inspection with QPWS/project requirements where applicable.	
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WORKER CONSULTATION AND ACKNOWLEDGEMENT

This SWMS is to be communicated to workers undertaking the scope of works. Workers must understand the hazards and controls before commencing the activity. Consultation and acknowledgement may be recorded through the MCK Group App or other approved company record. A paper signature is not required where electronic acknowledgement is used.

Site-specific review: Before use on a project, the Site Supervisor must confirm the SWMS is applicable to the actual vegetation clearing and mulching activities, plant, ground conditions, environmental constraints, emergency arrangements and project requirements, and add any additional site-specific controls through the pre-start / risk assessment process.