



# Waste Management Plan

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## Demolition, Construction, Soil and Water Management Plan

SITE ADDRESS: **1 Mcpherson Ave Punchbowl**

### 1. GENERAL

#### **1.1 . Introduction**

In preparation for the Development Application, Architecture & Building Works, we have created an initial Demolition, Construction, and Waste Management Plan (referred to as 'the Plan'). This Plan will be further detailed as construction progresses. The chosen contractor will be obligated under the contract to develop a site-specific plan that considers their available resources and approach.

#### **1.2 . Objectives**

The Plan's goals are to ensure on-site safety and mitigating disturbances within the local neighborhood.

#### **1.3 . References**

- Local Government Act
- Environmental Planning and Assessment Act
- Australian Standards
- Construction Safety Act
- Occupational Health & Safety Act
- Development Consent Conditions
- Council Codes
- Work Cover Authority
- Environmental Protection Authority

#### **1.4 . Construction Activities**

The construction phase will encompass the removal of current structures and the creation of a new development.

### 2. PEDESTRIAN & TRAFFIC MANAGEMENT

The site will be restricted from public access except in cases of emergencies. Protective barriers will be installed along the street to ensure public safety. All vehicular access to the site will be directed through Mcpherson Ave. In cases where necessary, flagmen will be stationed on the sidewalk to assist with the entry and exit of vehicles from the site.

### 3. HEALTH PROTECTIONS/SAFETY

Work Health and Safety Act 2011: For all aspects pertaining to the contract's work, the Contractor is responsible for adhering to and implementing the stipulations of the amended Work Health and Safety Act 2011.

The Contractor must implement all essential measures to ensure the well-being of individuals when demolition operations have the potential to subject workers and other individuals within or near the site

to hazardous conditions that can adversely affect health, such as noxious fumes, dust, liquids, infections, fire, explosions, radiation, and various other risks.

Take suitable precautions where the following are encountered:

- Asbestos insulation or sprayed asbestos coatings
- Fibreglass or rockwool insulation
- Flammable or explosive liquids or gases
- Toxic, infective or contaminated materials
- Noxious or explosive chemicals

The Contractor is responsible for furnishing suitable protective equipment tailored to the specific hazardous materials and conditions encountered. This may include items like protective clothing, masks, screens, shields, decontamination equipment, seals, coverings, and similar gear. Furthermore, the Contractor must ensure the correct usage of these protective devices during the ongoing work and as long as health risks persist.

**PROHIBITED:** Smoking is strictly prohibited on the site or any section of the project that has been handed over to the Contractor's control. Likewise, the presence or consumption of alcohol on the site is not allowed.

**SAFETY REQUIREMENTS:** Beyond the mandates of the Work Health and Safety Act 2011, and any pertinent laws or regulations that demand employers to safeguard the health, safety, and welfare of their employees, the following conditions will be enforced:

**Safety Helmets and High-visibility clothing:** require that all Contractors' employees, agents, or visitors on site wear helmets that comply with AS1801.

**Accident Reports:** Immediately advise the Superintendent of:

- Any incidents resulting in fatalities or personal injuries.
- All incidents causing work disruption or those with the potential for accidents, such as equipment malfunctions, collapses, or similar situations.

Provide a written report upon request.

**SAFETY CO-ORDINATION COMMITTEE:** In the absence Occupational Health & Safety (OHS) Workplace Committee, the Superintendent can instruct the formation of a Safety Co-ordination Committee. This committee will be led by the Superintendent or a designated representative, and it will include members from the Principal, Contractors, Sub-contractors, and workers. If instructed to do so, the Contractor must implement the recommendations made by the Committee.

#### **4. SOIL AND WATER MANAGEMENT DURING CONSTRUCTION**

**GENERALLY:** On-site erosion and sediment control measures must be put in place for the project. These measures should be continuously managed and adjusted as outlined in the Contract period. The Contractor is responsible for initiating these measures prior to any activities such as demolition, cleaning, vegetation removal, large-scale earthworks, and service excavation. All actions should

adhere to the NSW Clean Water Act, Soil Conservation Act, and any other applicable legal requirements.

REFERENCE DOCUMENT: Managing Urban Stormwater: Soils and construction

EROSION CONTROL: Ensure that there is no soil erosion from any lands utilised or occupied during the execution of the work as outlined in THE SOIL AND WATER MANAGEMENT PLAN.

SOIL AND WATER MANAGEMENT PLAN: The Contractor is responsible for developing a soil and water management plan. These measures must be implemented by the Contractor before engaging in any clearing, extensive earthworks, or service excavation.

GEOFABRIC SILT FENCING: Install 'silt' fencing as indicated on the authorised Soil & Water Management Plan. Maintain 'silt' fencing as necessary or as instructed. Replace any damaged sections, realign, and secure pickets, and reattach the mesh or fabric if it becomes loose.

TEMPORARY STRAW BALE BLINDS:

As per the Contractor's authorised Soil and Water Management Plan, straw bales may be employed temporarily, such as during the installation of control measures or when a control measure has been partially or entirely removed to facilitate construction activities.

Utilise exclusively wire-bound straw bales, positioning them in twin rows with the straws parallel to the ground surface. Lay the bales flat and bury them at least 100mm into the downslope side. Fasten each bale in place by inserting two wooden stakes or steel pickets through the center. Compact the soil directly uphill from the bale to prevent erosion. Replace any bales showing signs of deterioration or straw loss.

EARTHWORKS: Earthworks will be executed incrementally. Use temporary straw bale bunds to shield the immediate work areas.

MATERIAL RECEPTORS: Arrange suitable receptacles for concrete and mortar slurries, paints, acid washings, lightweight waste materials, and litter. Empty these receptacles as needed and dispose of the contents in an appropriate manner.

## **5. CONSTRUCTION REFUSE**

REMOVAL: Consistently remove construction waste from the site as it accrues and upon project completion. Maintain a clean site environment at all times to minimize safety risks associated with construction debris. During demolition and construction, the public pathway must remain unobstructed by building materials, waste containers, or any other means.

SKIPS: Under no circumstances should building waste containers (skips) be positioned on the road or sidewalk.

Due to the liability of old buildings to infestation by rats and vermin, ensure that food scraps are not allowed to accumulate. Provide adequately sealed receptacles and empty when full.

## **6. DISPOSAL OF CONTAMINANTS AND REFUSE**

GENERALLY: Remove from the site all contaminants and refuse, and dispose of in a lawful manner meeting all the requirement of the NSW Environmental Protection Authority and the NSW Waste Rectification and Processing service.

Refer also to RESTRICTED WORKING HOURS AND COUNCIL REEQUIREMENTS.

## **7. TRUCKING**

REQUIREMENT: Transport soils, earth, sand, loose debris, and similar materials to or from the site in a way that avoids spillage on public streets. Ensure that the wheels, tracks, and vehicle surfaces of all departing vehicles and machinery are clean and free from mud, preventing mud from being spread onto nearby paved streets or other locations.

Refer also to RESTRICTED WORKING HOURS AND CONCIL REQUIREMENTS.

## **8. PROTECTION OF MATERIALS AND WORK/DUST CONTROL**

STORE: During the course of the project, ensure that all items prone to damage such as perishable materials, fragile materials, fittings, fixtures, as well as specially plated, glazed, vitreous, and enameled surfaces are stored, handled, and shielded adequately to prevent harm from any source, including vandalism and theft.

COVERS: Utilize temporary covers that are both sufficiently extensive and durable to safeguard finishing materials and similar items in their installed positions on the project, shielding them from potential damage of any nature or origin.

PROTECTION: The Contractor is responsible for providing all required safeguards, including wire enclosures and dust coverings for scaffolding, as mandated by the relevant authorities and as instructed by the Superintendent on-site. Additionally, ensure the protection of undisturbed stonework and other designated building features remaining on-site.

Furthermore, furnish and install protective measures to shield ongoing masonry work from adverse weather, potential damage, and staining caused by various substances such as timber, stone dust, oil, steelwork or scaffolding residues, and other harmful materials.

Temporary coverings must be established when roof sheeting is removed, exterior walls are dismantled, or openings are created in roofs and walls. These coverings should be placed at the end of each workday and should be in position during non-working hours and in inclement weather.

To minimize dust generated by demolition activities, take measures to prevent the release of dust when handling materials. Utilize approved material handling chutes or hoisted containers for material handling and apply water as needed to control dust in chutes, containers, materials, and affected areas.

## **9. POISONS AND OTHER INJURIOUS SUBSTANCES**

PRECAUTIONS: Ensure that necessary measures are in place to secure poisons and other harmful substances to prevent unauthorised access.

Storage, handling, and management of poisons and hazardous materials must adhere to the guidelines outlined in the Work Cover Authority's NATIONAL CODE OF PRACTICE FOR THE CONTROL OF WORKPLACE HAZARDOUS SUBSTANCES [NOHSC:2007(1994)].' This includes the provision of Material Safety Data Sheets (MSDS) for hazardous substances present on the site.

## **10. NOISE CONTROL**

Refer to RESTRICTED WORKING HOURS AND COUNCIL REQUIREMENTS.

**MINIMISE NOISE:** Adhere to all applicable regulations to minimize the noise generated by activities under the Contract. Equip all construction equipment with noise suppression devices and operate them in a manner that keeps noise levels to a minimum. Avoid using loudspeakers.

**LIMIT:** The noise levels produced by machinery and equipment should not surpass the standards established in AS2436, unless those standards are determined by an Act or Regulation.

## **11. DEMOLITION PLAN**

Before initiating any work, the Contractor is required to submit a comprehensive demolition plan in accordance with AS2601. This plan must outline the specific procedures for the intended demolition of the designated structures.

Additionally, the plan should encompass details regarding the shoring and underpinning measures necessary to ensure the safety and stability of all neighboring properties throughout and following the demolition process.

# Waste Management Plan

**Site Address: 1 Mcpherson Ave Punchbowl**

**Buildings and other structures currently on site: Single level dwelling and outbuilding**

**Brief description of proposal: Mutli dwelling development 5 units**

<i>Type of Materials</i>	<i>Est Vol.</i>	<i>Est Weight</i>	<i>Onsite reuse</i>	<i>Recycling</i>	<i>Disposal</i>
<b>DEMOLITION PHASE</b>					
Weatherboard	0.5m <sup>3</sup>	2 t	NA	Reuse Recycle Reclaim P/L	NA
Aluminum cladding	NA	NA	NA	NA	NA
Timber	2m <sup>3</sup>	0.5 t	NA	Waste Recyclers P/L	NA
Bricks	15m <sup>3</sup>	11 t	Back fill	NA	NA
Glass	0.2m <sup>3</sup>	0.1 t	NA	NA	Tip Fast P/L
General building waste	4m <sup>3</sup>	3 t	NA	NA	Tip Fast P/L
<b>CONSTRUCTION PHASE</b>					
Masonry	1m <sup>3</sup>	2 t	Back fill	NA	NA
General building waste	5m <sup>3</sup>	-	NA	NA	Auz Waste P/L
FC and PB sheeting	0.2m <sup>3</sup>	0.5 t	NA	NA	Auz Waste P/L

<i>Type of Waste</i>	<i>Est Vol. per week</i>	<i>Proposed Onsite Facilities</i>	<i>Destination</i>
<b>ONGOING MANAGEMENT OF WASTE</b>			
Food Waste	1m <sup>3</sup>	Compost bins	On site
Glass	0.5m <sup>3</sup>	Recycling area	Council recycling services
Paper / Cardboard	0.5m <sup>3</sup>	Recycling area	Council recycling services
General Household Waste	1m <sup>3</sup>	Recycling area	Council recycling services