



SITE WASTE MINIMISATION AND MANAGEMENT PLAN FOR A TEMPORARY USE – FUNCTION CENTRE

AT 8 Edward Street, Morpeth, NSW, 2321
(Lot 2, DP 708453)

Prepared by Perception Planning Pty Ltd on behalf of Michael Bowe

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Document Versions and Control				
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Site Waste Minimisation Plan, 8 Edwards Street, Morpeth, NSW 2321				
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EXECUTIVE SUMMARY

Perception Planning Pty Ltd has been engaged by Darren Obrien (**'the client'**) to prepare a site waste minimisation plan for the temporary use of an existing shed as a function centre at 8 Edwards Street, Morpeth, NSW, 2321. Legally identified as LOT 2 DP 708453.

In planning a construction project, it is important to understand what excess materials are likely to be generated and then focus on how the generation of those excess materials can either be avoided or the material can be diverted from landfill. One approach is to develop a waste management plan. The key objectives of any waste management plan should be to:

1. Minimise the amount of waste generated as part of the project
2. Maximise the amount of material which is sent for reuse, recycling or reprocessing
3. Minimise the amount of material sent to landfill.

When developing and implementing this waste management plan, the following key elements have been considered:

- 1. Waste streams:** identify which waste streams are likely to be generated and estimate the approximate amounts of material.
- 2. Focus on waste avoidance:** instead of managing the waste once it has been generated, look at ways to avoid the generation of that waste in the first place.
- 3. Services:** select an appropriately qualified waste management contractor who will provide services for the waste streams generated and data on waste/recycling generation.
- 4. On-site:** understand how the waste management system will work on-site, including bin placement and access.
- 5. Clearly assign and communicate responsibilities:** ensure that those involved in the construction are aware of their responsibilities in relation to the construction waste management plan.
- 6. Engage and educate personnel:** be clear about how the various elements of the waste management plan will be implemented and ensure personnel have an opportunity to provide feedback on what is/isn't working.
- 7. Monitor:** to ensure the plan is being implement, monitor on-site.
- 8. Evaluate:** once the project is complete, evaluate your estimates in the plan against the actual data for waste generated and consider feedback from personnel.

OUTLINE OF PROJECT

Site address: 8 Edward Street, Morpeth, NSW, 2321 61 Flat Road, Bolwarra, NSW, 2. Legally identified as LOT 13 DP 1122972.
Applicants name: Perception Planning
Mailing address: PO Box 107 Clarence Town, NSW, 2321
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Buildings and other structures currently on-site (if any): Dwelling and ancillary farm buildings
Brief description of proposal: Temporary use of the farm buildings as a function centre.

The details provided in this report accurately describe the proposed waste management actions to be undertaken as part of this project. This waste management plan will not outline actions relating to demolition. The proposed works will only be for the required alterations to the existing buildings in accordance with the BCA report prepared by Perception Planning, construction and future use. It should be noted that all waste management practices will be contained within the subject site (where necessary) – This is not relevant to material that will be transported in and out of the site.

SITE WASTE MINIMISATION AND MANAGEMENT PROCEDURE

Construction

- An area will be dedicated for a waste disposal bin / garbage receptacle for the length of the construction / fit-out / demolition phase where required;
- Footpaths, public reserves and street gutters will not be used as places to store demolition waste or materials of any kind without Council approval;
- Any material moved offsite is transported in accordance with the requirements of the *Protection of the Environment Operations Act 1997*;
- Any hazardous waste (i.e. asbestos) will be removed in accordance with the Safe Work Australia Guidelines;
- Licenced contractors will remove waste associated with the development, incorporating that of potential reused / recycled materials; and
- Demolition of internal walls (where required) will be carried out in accordance with AS 2601-2001, The Demolition of Structures.

Operational waste

- The bin storage area is within the side setback screened by a gate (consistent with the current arrangement), conveniently accessible by users and is well ventilated and lit;
- Waste collection will be via Council kerbside collection. Should waste exceed the threshold, private contractor collection will be arranged; and
- The waste management system is designed and operated to prevent the potential for risk or injury.

The construction and operational waste management will be conducted in accordance with **TABLE 1** and **2** respectfully.

Table 1: Construction Site Waste Minimisation Plan

Construction (all types of developments)

Type of waste generated	Description	Reuse	Recycling	Disposal	Specific method of onsite reuse, contractor and recycling outlet and or waste depot to be used
Excavation material	The extent of excavation will be the soil the proposed structures will go on. Minor cut for footings.	Potentially. Minor fill may be required on land that was over cut.	Excess unused fill will be reused as per normal practices.	Excess fill will not be disposed (unless found to be contaminated) . As such, soil will be treated accordingly.	Site disturbance shall be minimised, it is not anticipated that the required works will result in the need for excavation or fill.
Timber	Basic framework may utilise this material.	Measures will be taken to ensure maximum reuse value with timber will be used throughout construction phase	Excess timber will be sorted accordingly to be reused at a different time/ different site for the purpose of future developments .	Disposal of timber will be located within designed skip bins/ material waste areas in close proximity to the proposed developments .	Timber will be managed before, during and after construction phase to ensure minimal resources wastage is achieved during this development . Excess material will be taken from site to

Type of waste generated	Description	Reuse	Recycling	Disposal	Specific method of onsite reuse, contractor and recycling outlet and or waste depot to be used
					be further used/ managed for potential disposal at relevant waste management centre.
Concrete	May be used for the initial footings to support development .	Set concrete will not be reused on site	Excess Concrete will be recycled accordingly and where necessary. Material will be transported to specialised concrete recycling centres.	Disposal of concrete will be located within designed skip bins/ material waste areas in close proximity to the proposed developments .	Concrete will be managed before, during and after construction phase to ensure minimal resources wastage is achieved during this development . Excess material will be taken from site to be further used/ managed for potential disposal at relevant

Type of waste generated	Description	Reuse	Recycling	Disposal	Specific method of onsite reuse, contractor and recycling outlet and or waste depot to be used
					waste management centre.
Bricks	May be used primarily on the façade of the proposed structure	Measures will be taken to ensure maximum reuse value with bricks will be used throughout construction phase	Excess bricks will be recycled accordingly and where necessary. Material will be transported to specialised brick recycling centres	Disposal of bricks will be located within designed skip bins/ material waste areas in close proximity to the proposed developments .	Bricks will be managed before, during and after construction phase to ensure minimal resources wastage is achieved during this development . Excess material will be taken from site to be further used/ managed for potential disposal at relevant waste management centre.
Tiles	May be used primarily	Broken tiles will not be	Excess tiles will be	Disposal of tiles will be	Tiles will be managed

Type of waste generated	Description	Reuse	Recycling	Disposal	Specific method of onsite reuse, contractor and recycling outlet and or waste depot to be used
	within the proposed amenities development	reused within this development	recycled accordingly and where necessary. Material will be transported to specialised tile recycling centres	located within designed skip bins/ material waste areas in close proximity to the proposed developments	before, during and after construction phase to ensure minimal resources wastage is achieved during this development . Excess material will be taken from site to be further used/ managed for potential disposal at relevant waste management centre.
Metal	May be used primarily for structural support	Where necessary, metal onsite will be cut to relevant size to ensure maximum	Excess metal will be recycled accordingly and where necessary.	Disposal of metal will be located within designed skip bins/ material waste areas in close proximity to	Metal will be managed before, during and after construction phase to ensure

Type of waste generated	Description	Reuse	Recycling	Disposal	Specific method of onsite reuse, contractor and recycling outlet and or waste depot to be used
		usage of material	Material will be transported to specialised metal recycling centres	the proposed developments .	minimal resources wastage is achieved during this development . Excess material will be taken from site to be further used/ managed for potential disposal at relevant waste management centre.
Glass	Glass may primarily be used for windows and doors.	Broke glass will not be reused for this development	Unlikely to have excessive material as glass will be ordered on a quantity basis. However, excess metal will be recycled accordingly	Disposal of glass will be located within designed skip bins/ material waste areas in close proximity to the proposed developments . Extra precautions for clean-up and	Glass will be managed before, during and after construction phase to ensure minimal resources wastage is achieved during this development

Type of waste generated	Description	Reuse	Recycling	Disposal	Specific method of onsite reuse, contractor and recycling outlet and or waste depot to be used
			and where necessary. Material will be transported to specialised glass recycling centres	management of sharps will be paramount	. Excess material will be taken from site to be further used/ managed for potential disposal at relevant waste management centre.
Plasterboard	Internal walls may be constructed from this material primarily	Where possible, broken plasterboard will be cut down to size for reuse. However, reuse value will be negligible	Unlikely to have excessive plasterboard as glass will be ordered on a quantity basis. However, excess metal will be recycled accordingly and where necessary. Material will be transported to specialised	Disposal of plasterboards will be located within designed skip bins/ material waste areas in close proximity to the proposed developments .	Plasterboard will be managed before, during and after construction phase to ensure minimal resources wastage is achieved during this development . Excess material will be taken from site to be further

Type of waste generated	Description	Reuse	Recycling	Disposal	Specific method of onsite reuse, contractor and recycling outlet and or waste depot to be used
			glass recycling centres		used/ managed for potential disposal at relevant waste management centre.
Packaging (used pallets, pallet wrap)	Packaging will be generated from incoming material for construction	Pallets will be returned to supplier to ensure continued reuse of material packaging. Pallet wrap will be disposed of.	Pallets will be returned for reuse to the supplier. Depending on pallet wrap, material will be disposed of accordingly.	Disposal of pallet wrap will be located within designed skip bins/ material waste areas in close proximity to the proposed developments	Packaging will be organised prior to construction. Pallet boards will be taken from site to be further used by the supplier.
Containers (cans, plastic, glass)	Will be used to assist in the construction of the development (paint, silicon, nail boxes etc.)	Containers will not be reused for this development	Containers that are recycle friendly will be managed accordingly	Disposal of containers will be located within designed skip bins/ material waste areas in close proximity to the proposed developments	Containers will be managed before, during and after construction phase to ensure minimal resources wastage is

<i>Type of waste generated</i>	<i>Description</i>	<i>Reuse</i>	<i>Recycling</i>	<i>Disposal</i>	<i>Specific method of onsite reuse, contractor and recycling outlet and or waste depot to be used</i>
					achieved during this development .

Residual waste					
Hazardous/special waste e.g. asbestos (specify)	N/A	N/A	N/A	N/A	No hazardous/special waste will be used in the construction of this development(s)
Other (specify)	Food scraps Will be generated by applicable tradespersons and other relevant people(s) on site	Will not be reused	Organic and general waste will be managed accordingly	Will be disposed of in separate areas to separate material from food waste/ packaging	Will be managed accordingly.

Table 2: Operational Site Waste Minimisation Plan

Type of waste generated	Description	Reuse	Recycling	Disposal	Specific method of onsite reuse, contractor and recycling outlet and or waste depot to be used
Commercial waste	Commercial type waste may be produced as part of the ongoing use of the site as a temporary	Commercial waste will not be reused	It is not expected that unused Commercial waste will be created. No recycling of this type	Commercial type waste will be appropriately disposed of in waste bins on the site and removed by a licenced contractor.	Commercial waste will be managed before, during and after to ensure minimal resources

<i>Type of waste generated</i>	<i>Description</i>	<i>Reuse</i>	<i>Recycling</i>	<i>Disposal</i>	<i>Specific method of onsite reuse, contractor and recycling outlet and or waste depot to be used</i>
	function centre.		of waste is proposed.		wastage is achieved.
General Waste	General waste may be produced as part of the ongoing use of the site as a temporary function centre	General waste will not be reused on the site.	Recycling will occur where possible, being disposed of in the Yellow lid Council bins for collection by the roadside pickup.	General Waste which cannot be recycled will be appropriately disposed of in the red lid Council bins for collection by the roadside pick up.	General waste will be managed before, during and after to ensure minimal resources wastage is achieved.
Paper/glass/cans	Recyclable waste such as paper, glass and cans may be produced as part of the ongoing use of the site as a temporary	Paper/glass/cans will be collected separately from general waste and recycled	Recycling will occur where possible, being disposed of in the Yellow lid Council bins for collection by the	Contaminated recyclable materials will be separated and disposed of in the red lid Council bins for collection by the roadside pick up.	Recyclable waste will be managed before, during and after to ensure minimal resources wastage is achieved.

<i>Type of waste generated</i>	<i>Description</i>	<i>Reuse</i>	<i>Recycling</i>	<i>Disposal</i>	<i>Specific method of onsite reuse, contractor and recycling outlet and or waste depot to be used</i>
	function center		roadside pickup.		
Wastewater	Wastewater will be generated as a result of the ongoing use of the temporary function centre	Wastewater will not be reused across the site	Wastewater will not be recycled	Collection is via pumpout by a suitably qualified contractor	Wastewater will be disposed of at an appropriate collection facility by the engaged contractor.