



SITE WASTE MANAGEMENT PLAN FOR A REPLACEMENT BRIDGE AT 926 WESTLEYS ROAD, BINDERA, NSW, 2422 (LOT 902, DP 878135)

Prepared by Perception Planning Pty Ltd on behalf of Simon Taylor.

5 March 2024

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EXECUTIVE SUMMARY

Perception Planning Pty Ltd has been engaged by Simon Taylor to prepare a Site Waste Management Plan for a proposed Bridge at 926 Westleys Road, Bindera, NSW 2422 (the site).

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 implemented, 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: 926 Westleys Road, Bindera, NSW 2422
Applicants name: Joseph Murphy (Perception Planning)
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Buildings and other structures currently on-site (if any): The subject site currently includes the following structures: <ul style="list-style-type: none"> Dwelling and detached garage
Brief description of proposal: The objective of the proposed development is to obtain development consent a replacement bridge 926 Westleys Road, Bindera, NSW 2422.

The details provided in this report accurately describe the proposed waste management actions to be undertaken as part of this project. The proposed works will be for the erection/construction of a new development. 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.

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
Construction					
Excavation material	The extent of excavation will involve minor soil removal for the establishment of concrete abutments at either end of the bridge.	Potentially. Minor fill may be required for any over excavation.	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.	Soil erosion measures will be put into place as per normal around construction site to prevent soil erosion/ mudslides onto other parts of the site/ neighbouring lots.

Concrete	Will be used for the creation of abutments	Set concrete will not be reused on site	<p>Excess Concrete will be recycled accordingly and where necessary.</p> <p>Material will be transported to specialised concrete recycling centres.</p>	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 waste management centre.
Metal	Will be used for the bridge deck	Where necessary, metal onsite will be cut to relevant size to ensure maximum usage of material	<p>Excess metal will be recycled accordingly and where necessary.</p> <p>Material will be transported to specialised metal recycling centres</p>	Disposal of metal will be located within designed skip bins/ material waste areas in close proximity to the proposed developments.	Metal 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.
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.	<p>Pallets will be returned for reuse to the supplier.</p> <p>Depending on pallet wrap, material will be disposed of accordingly.</p>	Disposal of pallet wrap will be located within designed skip bins/ material waste areas in close proximity to the	Packaging will be organised prior to construction. Pallet boards will be taken from site to be further used by the supplier.

		Pallet wrap will be disposed of.		proposed developments	
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 achieved during this development.