

# Waste Management Plan

23 February 2024

## Overview:

The Waste Management Plan outlined below is tailored for the construction works of a small substation building and an extension of a shed at the Orora facility located at 146-152 Carrington Street, Revesby NSW. The project will be managed by GN Project, aiming to uphold sustainable waste management practices, minimize environmental impact, and ensure compliance with local regulations.

### 1. Regulatory Compliance:

Ensure compliance with waste management regulations outlined by local authorities and the Environmental Protection Agency (EPA) of NSW.

Obtain all necessary permits and approvals related to waste management activities.

### 2. Waste Assessment:

Conduct a comprehensive waste assessment to determine the types and quantities of waste expected to be generated during the construction phase.

Categorize waste streams into general categories such as inert waste, recyclable materials, hazardous waste, etc.

### 3. Waste Minimization Strategies:

Prioritize waste reduction at the source by optimizing material usage and minimizing packaging.

Implement efficient procurement practices to avoid over-ordering materials.

Encourage the reuse of materials where feasible, such as salvaging and repurposing materials from demolition or construction activities.

### 4. Segregation and Storage:

Designate specific areas on-site for waste segregation and storage, clearly marked and separated according to waste type (e.g., general waste, recyclables, hazardous waste).

Provide appropriate containers, bins, and signage to facilitate proper waste segregation by workers.

### 5. Recycling and Reuse:

Identify local recycling facilities capable of processing construction waste materials such as concrete, wood, metal, plastics, and cardboard.

Establish a recycling program to ensure that recyclable materials are sorted and sent to appropriate recycling facilities.

Explore opportunities for reusing materials within the project or donating reusable materials to local charities or community organisations.

## **6. Hazardous Waste Management:**

Identify potential hazardous materials on-site, such as asbestos, lead-based paint, or chemicals, and develop a plan for their safe handling, removal, and disposal.

Ensure that workers are trained in proper procedures for handling hazardous materials and that all necessary permits and approvals are obtained for their disposal.

## **7. Waste Disposal:**

Arrange for the proper disposal of non-recyclable and hazardous waste materials through licensed waste management companies.

Maintain detailed records of waste disposal activities, including documentation of waste types, quantities, disposal methods, and receipts from waste disposal facilities.

## **8. Monitoring and Review:**

Implement regular inspections and monitoring to ensure compliance with the Waste Management Plan and identify opportunities for improvement.

Conduct post-construction reviews to evaluate the effectiveness of waste management strategies and identify lessons learned for future projects.

## **9. Stakeholder Communication:**

Communicate the Waste Management Plan to all project stakeholders, including contractors, subcontractors, and site personnel.

Provide comprehensive training and resources to ensure that all personnel understand their roles and responsibilities in implementing the plan effectively.

## **10. Operational Waste Management:**

During the operational phase of the structures, it is anticipated that minimal waste will be generated. However, in the event of any waste generation, it will be managed through the existing waste management arrangements in place at the site. This includes utilising Orora facility's established waste management protocols and infrastructure to capture and appropriately handle any waste generated during routine operations.

## **11. Continual Improvement:**

GN Projects and Orora will foster a culture of continual improvement by actively soliciting feedback from workers and stakeholders throughout the construction process.

Lessons learned from this project will be used to refine waste management practices and enhance sustainability efforts for future construction projects at the Orora facility.

By adhering to this Waste Management Plan, the construction project at the Orora facility in Revesby, NSW, will effectively manage its waste streams, minimize environmental impact, and ensure regulatory compliance under the management of GN Projects.

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