

# WASTE MANAGEMENT PLAN (WMP) for DA

Project:

**Sussex Street Bar**

Level 11 Executive Lounge

Level 12 Roof Top Bar

161 Sussex Street Sydney

Client:

**M&L Development Co Pty Ltd**

Prepared by:

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## SUSSEX STREET BAR

161 Sussex Street Sydney

## WASTE MANAGEMENT PLAN

### 1. EXECUTIVE SUMMARY

The top two levels at 161 Sussex Street, Sydney, are to be redeveloped to include the following new works:

- Level 11 Executive Lounge
- Level 12 Roof Top Bar

The main waste storage facilities are located at the dock.

A bottle crusher is proposed in order to reduce glass volumes.

It is proposed that, similarly to the existing regime, all waste will be segregated back at the contractor's depot.

Due to the very limited space available at the dock, it is proposed that the frequency of collection will increase. The frequency of collection will be determined in conjunction with the private waste contractor.

Under bench waste bins will be provided throughout the two levels. The cleaning contractors will be responsible for collecting and transporting the waste, via the lifts, to the main waste stores.

This report has been prepared based on Council of the City of Sydney "Policy for Waste Minimisation in new Developments". The waste stores will be fitted out to meet Council requirements.

It reviews the waste management system proposed for the project, including:

- Estimates of waste quantity
- Waste space allocation & equipment
- Management of waste
- Waste segregation and minimization procedures
- Access

The Waste Management Proposal is based on:

- Appropriately sized waste collection spaces
- Waste stores located inside the development
- Appropriately sized waste collection vehicle docking areas
- Segregation of waste into various waste streams
- Recycling of waste
- Reduction of waste volume by the use of bottle crushers, balers and compactors

## 2. ACCESS

The waste will be taken down via the lifts.

## 3. WASTE GENERATION SCHEDULE IN CUBIC METRES (cm) per day

Area	Size sqm	Day Rate L/sqm	Total L/day	240L bin
<b>General</b>				
L 11 Lounge	371	50L/100sqm	186	1
L 12 Bar	436	50L/100 sqm	218	1
<b>Total uncompacted</b>			<b>404</b>	<b>2</b>
<b>Recyclable</b>				
L 11 Lounge	250	50L/100sqm	186	1
L 12 Bar	500	50L/100sqm	218	1
<b>Total uncompacted</b>			<b>404</b>	<b>2</b>

### Assumptions

- One day's waste will be held on each level. This will be transported to the main waste store at the loading dock on a daily basis
- All food prepared elsewhere
- L11 food consists of small meals only
- L12 food consists of bar food only
- Council does not provide separate rates for food waste
- Proposed use of bottle crushers will reduce bottle volume by about 50%. Crushed glass trolleys to be parked in a dedicated space
- This report is part of the design process. The final sizing of waste storage spaces and frequency of waste collection will be made after final agreements are in place.

## 5. ESTIMATE OF REQUIRED STORAGE SPACE

The long term aim of the waste management strategy is to provide an ongoing and coordinated waste management service that satisfies mandatory authority requirements and is adaptable to changing operational needs.

Private waste collection contractors, working with Management, will be responsible for providing a waste removal service, including the supply and maintenance of all equipment and the coordination of this service with the cleaning service.

## 6. MANAGEMENT OF INTERNAL WASTE REMOVAL

Waste from all areas will be collected in dedicated bins and moved to the main waste stores by the cleaning contractor who will also be responsible for cleaning all the waste handling areas.

## 7. WASTE REMOVAL AND VEHICLE MANOEUVRING

The waste removal trucks will access the loading bay area on the lower ground and will remove the compactors, bins, and bales.

## **8. WASTE SEGREGATION AND MINIMISATION**

The waste management strategy for the development will be continually evaluated by Management, to improve the service provided and to achieve the NSW Government's domestic and commercial waste reduction targets

### **a) Wet and General Waste**

Non-organic waste will be separated from organic waste.

### **b) Recyclable Waste**

Separate recycling bins for nominated waste categories will be provided for:

- Paper and cardboard
- Glass/ plastics/ aluminium cans/ metal
- Oils: Note that a bunded and drained area is required within each main waste store.

## **9. WASTE STORES REQUIREMENTS**

Any waste stores will be designed to meet Sydney City Council's requirements.

### **Ventilation**

The waste stores will be ventilated by a separate system. The ventilation system will comply with AS 1668 Parts 1 & 2.

### **Floor finish**

Floors will be of concrete slab construction, graded and drained to an approved connection to the sewer. The finish will be sealed, non-slip and impervious to grease and water. It will be coved at all wall junctions.

### **Wall finish**

The walls will be constructed of solid impervious material, cement rendered to a smooth even surface coved at all intersections. Doors will be vermin proof and must be kept closed at all times.

### **Ceiling finish**

The ceiling will be finished with a rigid, smooth faced, non-absorbent material, capable of being easily cleaned.

### **Lighting**

Suitable artificial lighting will be provided in accordance with relevant Australian Standards and the Building Code of Australia, to enable safe and appropriate disposal of waste at all times.

### **Bin washing**

A waste bin washing area will be provided at the dock, with hot and cold water and appropriate drainage.

### **Safety signage**

Safety and warning signage will be provided