

# Waste Management Plan (2 pages)

By: LiquorPlan

Date: 9 September 2024

Planning application number: TBA

Address: Part of 2 Convention Centre Place South Wharf 3006 (part Lot 2209 PS615749)

Land use type: Commercial (Tavern (Bar))

Number of floors: 1 Floor area (m<sup>2</sup>): 1160sqm (available to public as per submitted plans)

**Waste volume calculation (based on rate for “Licensed club” as per Council’s Guidelines For Waste Management Plans 2021, which does not provide a rate for a Tavern (Bar)).** Note: I am assuming a “Licensed Club” refers to a typical Nightclub rather than a sporting or community club

Tenancy size	Garbage	Recycling
1160sqm	50L/100 m2 floor area/day	50L/100 m2 of floor area/day
<b>Total daily waste</b>	580 litres/day	580 litres/day
<b>Total weekly waste</b>	4060 litres/week (seven day week)	4060 litres/week (seven day week)

However, the problem with the above calculation is that waste generation is based not on square metres (sqm) per se but gross person capacity<sup>1</sup> but the above calculation does not take into consideration person density/sqm. In this case, there will be 1160sqm but only 300 persons, which is 1 person/3.5sqm, much lower than the density that would normally be accommodated in a “Licensed club” (which would be more like 1 person/0.75 sqm or 1.33 persons/1sqm).

If persons can be accommodated in a “licensed club” at the rate of 1 person/0.75sqm (the maximum occupancy rate allowed by Liquor Licensing Victoria), there can be a maximum of 133 persons in a 100 sqm “licensed club”.

As, using the above figures, the same club would generate Garbage and Recycling at a rate of 50L/100sqm/day per stream, each person accommodated therein would generate 0.38 litres each of Garbage and Recycling per day.

When the proposed 300 person capacity is multiplied at this rate, maximum generation of rubbish would be 114 litres per day (or 798 litres per week) for each of Garbage and Recycling<sup>2</sup>.

In this case:

- There are 2 x 660litre Garbage bins already available in the existing onsite waste storage area, each or both of which are collected/swapped (for new ones) each morning by Melbourne Convention and Exhibition Centre contractors.
- While waste is not currently separated into streams this will occur upon approval of this Waste Management Plan.
- My client anticipates that 7 collections/week of 1 x 660litre Garbage bin would be the maximum required. This will occur, but will be varied according to the actual waste generation (which would be seasonal for a Tavern (Bar) that is located outdoors (eg at time of writing, just after winter, only enough waste to fill about half of 1 x 660litre bin in total is being generated per day).
- The space currently occupied by the second 1 x 660litre Garbage bin will now be used for a Recycling bin. This will also be a 1 x 660litre bin, collected/swapped each morning.

**Bin storage location:** Designated waste storage area at side/rear of site

Bins will be clean, sealed and locked, and display relevant City of Melbourne permission stickers. Empty drink containers and other relevant waste will be deposited into recycling bins quietly so as not to cause disturbance to the neighbourhood. Except with the prior written consent of the Responsible Authority, no drink containers or other waste material will be removed from the site 9pm-9am (seven days per week).

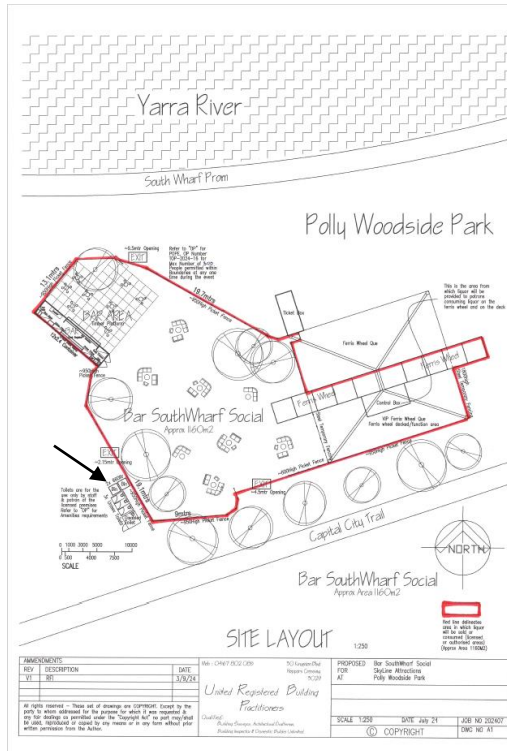
<sup>1</sup> ie both patrons and staff members

<sup>2</sup> This is ultimately a “personal floor space waste generation unit” of 1L of waste/0.75sqm/person

**Waste collection location:** Next to site

**Waste collection contractor:** Private collection contractor, 7 times per week

**Scaled waste management drawings (waste storage area identified with an arrow):**



**Plan showing location of waste storage area (identified with arrow)**



**Photos showing waste storage area. The building containing the toilets of the Tavern is also visible**