

Waste Management Plan

The Langston Markets

May 2022

Jointly prepared by
Bespoke Markets &
Reactivate Consulting Pty Ltd

EXECUTIVE SUMMARY

This waste management plan covers the ongoing management of waste generated by the proposed long-term operation of the fortnightly Sunday Langston Markets in Epping.

It should be noted that this waste management plan supports, rather than supersedes, the existing approved commercial waste management plan for the precinct. All recommended waste management plans will comply with council codes and any statutory requirements. This waste management plan has three key objectives:

- i. ***To ensure waste is managed to reduce the amount of waste and recyclables sent to land fill*** by assisting and enabling market operators, vendors, and attendees to segregate appropriate materials that can be recycled; displaying signage to remind and encourage recycling practices; and through placement of recycling and waste bins in key areas during market operation.
- ii. ***To recover, reuse and recycle*** generated waste wherever possible.
- iii. ***Compliance*** with all relevant statutory codes and policies.

This waste management plan is intended to outline how market operators propose to responsibly manage and dispose of waste generated at the market in support of the full Plan of Management.

It should be noted that the markets are promoted and operated as an eco-friendly 'plastic free' market. As such, waste generation is already considered to be very low.

The assessment of waste volumes is based on the learnings and waste management practices undertaken across a trial of ten (10) market days between September 2019 and February 2020 for a market held in Summer Hill also run by Bespoke Markets.

The garbage and recycling will be guided by the services and acceptance criteria of the Parramatta Council. All waste facilities and equipment are to be designed to be in compliance with Parramatta Council regulation.

OBJECTIVES

- To minimise waste generation on site during market operation
- To require on-site source separation and other design and siting standards which assist waste collection and management services offered by Council and/or other private sector
- To minimise the overall environmental impacts of waste
- To achieve Federal and State Government waste minimisation targets as set out in the Waste Avoidance and Resource Recovery Act 2

MARKET OPERATORS/WASTE CARETAKER

All waste equipment movements are to be managed by the market operators and/or associated cleaning staff at all times. No commercial tenants, residents, or attendees will be allowed to transport waste or recyclables from the market site.

The market operator/cleaner duties include, but are not limited to, the following:

- transporting (drop off and collection) of bins as required;
- fulfilling the role of garbage and recycling waste pick-up and responsible disposal as required (at the end of each market day);
- regular cleaning and, if required, replacement, of all bins;
- ensuring site safety for residents, children, visitors, staff and contractors;
- abiding by all relevant OH&S legislation, regulations, and guidelines;
- assess any manual handling risks and prepare a manual handling control plan for waste and bin transfers; and
- providing staff/contractors with equipment manuals, training, health and safety procedures, risk assessments, and PPE to control hazards associated with all waste management activities

MARKET WASTE GENERATION

As previously mentioned, the level of waste generated at the markets will aim to be low/ minimal as the market is an eco-friendly/ plastic free market. The market operators commit to working with vendors to strategise ways to remove items such as bottled water (which is been important in providing drinking water on hot days).

One of the key learnings during the Flour Mill Markets (also managed by Bespoke Markets and Reactivate Consulting since September 2019), is that market operators are now able to accurately determine the fortnightly waste generation from each market. The findings were as follows:

Each fortnightly market produces an approximate amount of waste:

- 1 x 240L Recycling Bin
- 1 x 240L General Waste Bin

Table 1: *Estimated Waste Generation – Langston Markets*

Location/ Area	Generated Waste (L/ fortnight)	Generated Recycling (L/ fortnight)	Total Generated Waste & Recycling (L/fortnight)
Chambers Court	240	240	480
TOTAL	240	240	480

It is likely that the first year of the Langston Markets will come in at a significantly smaller figure than the above for as initial stall numbers will not be the capacity during the initial period of establishing community recognition.

As has been reflected in the plan of management - all vendors are required to take away their waste at the end of each market day.

WASTE DISPOSAL

All estimated 480L of market generated waste and recycling is to be removed from site and disposed of responsibly by the market operators. Within the current verbal agreement between market management and the landowner, the waste will be stored on in the existing waste room of Tower 2 loading dock overnight, to be collected first thing Monday by a waste disposal company organized by the market management.

It should be noted that food handling for food cooked or prepared, served and consumed on site will produce a typical waste composition of food scraps from plates, packaging waste and some plastics (e.g. water bottles). The Plan of Management and Langston Market policy requires that participating market vendors are responsible for removal and responsible disposal of all of their own waste.

EDUCATION

Market operators are responsible for creating and managing the waste management education process. Educational material encouraging correct separation of garbage and recycling items will be provided to each vendor.

It is also recommended that the market's communication channels (including but not limited to website, social media channels etc.) contain information for attendees/vendors on appropriate waste management during market days. Information should include recycling and garbage descriptions.

ADDITIONAL INFORMATION

Transfer of waste and all bin movements requires some manual handling. Therefore, the market operator must assess manual handling risks and provide any relevant documentation to building management. If required, a bin-tug, trailer or tractor consultant should be contacted to provide equipment recommendations. Hitches may require installation to move multiple bins to the collection area. Council must be informed of any hitch attachments required to be installed on bins.

USEFUL CONTACTS

Reactivate does not warrant or make representation for goods or services provided by the following suppliers. To assist in effective waste management, this list below has been made available to market operators.

SULO MGB (MGB, Public Place Bins, Tugs and Bin Hitches)

Phone: 1300 364 388

CLOSED LOOP (Organic Dehydrator)

Phone: 02 9339 9801

ELECTRODRIVE (Bin Mover)

Phone: 1800 333 002

Email: sales@electrodrive.com.au

RUD (Public Place Bins, Recycling Bins)

Phone: 07 3712 8000

Email: Info@rud.com.au

CAPITAL CITY WASTE SERVICES

Phone: 02 9359 9999

RELIVIT

Phone: 1300 247 732

Email: mailto:info@relivit.com.au

REMONDIS (Private Waste Services Provider)

Phone: 13 73 73

SITA ENVIRONMENTAL (Private Waste Services Provider)

Phone: 13 13 35

NATIONAL ASSOCIATION OF CHARITABLE RECYCLING ORGANISATIONS INC. (NACRO)

Phone: 03 9429 9884

Email: information@nacro.org.au

PURIFYING SOLUTIONS (Odour Control)

Phone: 1300 636 877

Email: sales@purifyingsolutions.com.au

Elephants Foot Recycling Solutions (Chutes, Compactors and eDiverter Systems)

44 – 46 Gibson Avenue

Padstow NSW 2211

Free call: 1800 025 073

Email: natalie@elephantsfoot.com.au