



Waste Wise Management Plan for Special Events Appendix 1

DEVELOPING YOUR BIN PLACEMENT PLAN

Establishing a Bin Placement Plan is an important step in the Waste Wise Process. The Bin Placement Plan is used to communicate to stallholders where you want recycling and waste separated. It also ensures that the on site waste managers at the event position the bins correctly. Being strategic about the location of your bin stations will also maximise recovery of recycling and reduce littering.

Things to consider when developing your bin plan.

- Event site
- Expected crowd size
- Bin serviceability
- Crowd behaviour
- Venue/site constraints
- Access
- Types of materials that will be brought on site
- Stallholder/vendor locations

Most of this information will already be in your Waste Wise Management Plan.

CALCULATING HOW MANY BINS ARE NEEDED

A rule of thumb for waste generation at events is one litre per person per meal. However there are variables, such as the type of catering facilities, whether or not there will be alcohol at the event, the crowd profile and the types of activities that are available. For example, at events such as food and wine festivals, the amount of waste generated per person is often higher.

For example, you estimate that you will have 4,000 people at the event, which will run over two meal times from mid-morning to evening. The formula to calculate approximate waste generation would be as follows:

- < 4,000 people x 2 meal times = 8,000 litres of estimated waste
- < Divide 8,000 by 240 (a standard wheelie bin is 240 litres) = 34
- < You will need 34 bins
- < There are 2 bins at each bin station (1 recycling, 1 waste) so you will need approximately 17 bin stations

NOTE: If you empty bins over the day of the event you will require less bin stations. Also, you will need to monitor bins near food and beverages more often as they will fill faster.

CALCULATING HOW MANY SKIPS ARE REQUIRED

Calculating the number of skips required will depend upon whether the waste contractors servicing the bins are removing waste and/or recycling directly from the bins or from skips. It will also depend upon the information given to you by stallholders when you created the Waste Wise Management Plan.

To calculate the volume of wheelie bins to skips; 6 x 240L wheelie bins = 1.5m³ skip

Skips come in number of sizes; check out the options with your waste contractor.

A separate skip for CARDBOARD at events is important.

BIN PLACEMENT PLANS

Below is an example from the Bangalow Markets in Byron Shire Council.

Note: A cluster of bin stations around both food areas.

The Waste skip and Recycling sorting area is located centrally to food stalls and majority of bins.

Figure One: Bangalow Market Bin Placement Plan

