

Auckland Council Solid Waste Calculator (explanation)

(‘Multi-unit Development Waste Space Calculator V3R2 Beta.xlsx’)

This spreadsheet/calculator is taken from Auckland Design Manual.

The solid waste calculator provides designers, developers and those that need to know with a useful guide to help determine how much space is needed for waste storage in multi-unit developments.

The calculator uses an excel spreadsheet to gather essential information and is based on the figure of 60L of combined waste per person per week. The waste calculator establishes the size requirement of a bin space or room in metres squared, considering the number and type of dwellings utilising the waste storage area (if there are multiple waste storage areas); frequency and type of collection; and includes space for manoeuvring bins within the waste area (or room).

The volume of refuse, recycling and food scraps is calculated based on data used by other large municipal councils in Australia (Sydney, Melbourne) who have compatible bin sizes and collection methodologies to Auckland.

For those developers who don't know how to approach waste, the tool guides them to the end point. It provides the feature of automatically populating a tailored waste management and minimisation plan tab for the project. It is designed so that it can be printed for submission with the resource consent application.