

WASTE MANAGEMENT PLAN

Demolition, construction, and ongoing use at
1-7 FERGERSON AVENUE, FAIRFIELD



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2260

INTRODUCTION

This waste management plan has been prepared in support of the part 5 application for demolition and construction at 1-7 Fergerson Avenue, FAIRFIELD

The proposal is for the demolition of the four existing single storey fibro dwellings and construction of 12 seniors housing units over two storeys comprising of 16 units with a single shared driveways and parking spaces.

The waste management plan has been prepared in accordance with the Fairfield City Council **Development Control Plan**. The following information sets out how it is proposed to reduce the volume of and manage the waste generated by the demolition, construction and on-going use of the proposed development.

The estimates of the volumes and types of waste produced during the demolition and construction of the project will be reviewed prior to the start of the project, that is, once it has been fully documented.

WASTE MANAGEMENT PLAN

1. SECTION 01 – DEMOLITION & CONSTRUCTION STAGE

Demolition of existing buildings.

| 1 Materials On-Site | | 2 Destination | | |
|-----------------------------|------------------------------------|--|--|--|
| 3 | | 4 Re-use & Recycling | | 5 Disposal |
| Type of Material | Estimated Volume (m ³) | ON-SITE specify proposed reuse or on-site recycling methods | OFF-SITE specify contractor and recycling outlet | specify contractor and landfill site |
| Excavation Material | 10m ³ | Keep and re-use topsoil for landscaping, store on-site prior to use. Use suitable material behind retaining walls etc. | Expressions of interest will be sought from contractors for acceptance of certified fill as recyclable material. Contractor and recycling outlet to be confirmed | Excess material to be transported to an approved landfill site by a certified contractor |
| Green waste (organic) | 60m ³ | All trees noted on the landscape drawing that to be removed will be mulched and removed from the site. | Expressions of interest will be sought from contractors, landscape suppliers for acceptance of mulch as recyclable material. Contractor and recycle outlet TBC | Stumps and large trunks separated |
| Concrete | 35m ³ | Crush concrete for temporary driveway | To be transported to a suitable crushing plant. Contractor and recycling plant TBC | NIL |
| Timber | 30m ³ | Undamaged framing separated and reused on site | To be re-used on next project by building sub-contractor or sold for re-use | Excess material to be transported to an approved landfill site by a certified contractor |
| Masonry | 5m ³ | NIL | Excess material to be transported to a suitable crushing plant. Contractor and recycling plant TBC | NIL |
| Plasterboard / Fibro Cement | 1000m ³ | NIL | To be transported to suitable recycling yard for reprocessing. Contractor and recycling yard to be confirmed | NIL |

| | | | | |
|----------------------|-------------------|-----|--|--|
| metals | 100m ³ | NIL | To be transported to suitable recycling yard for reprocessing. Contractor and recycling yard to be confirmed | NIL |
| Hazardous waste | N/A | N/A | N?A | If found, to be transported to an approved landfill site by a certified contractor in accordance with EPA requirements and relevant Council and Australian Standards |
| Other: Roof Tiles | 350m ³ | NIL | To be transported to a suitable crushing plant. Contractor and recycling plant to be confirmed | Excess material to be transported to an approved landfill site by a certified contractor |

- 2. All records demonstrating lawful disposal of waste shall be kept and made readily accessible for inspection by regulatory authorities such as Council, WorkCover NSW or NSW EPA.**

2 SECTION 02 – ON-GOING MANAGEMENT

The proposed units will be provided with access to, one shared waste storage facility located centrally at the end of block B near the central driveway which 15 x 240L bins are provided for general waste, recycling and green waste which service units 02-05, 07-12 (total 10 units). These are in a location easily accessible to the collection point.

Units 01 & 06 have 2 x 240L bins located in their individual courtyards providing 1x 240L for general waste, 1 x 240L for recycling. 1 x 240L green waste bin is included in the communal bin area

Waste cupboards will be located within the kitchen joinery of each unit. The cupboard will be sized to accommodate garbage, recyclables and compostable material with enough storage for one day's waste.

Separate wheelie bins for recyclable and non-recyclable waste will be placed at the kerbside collection point in accordance with Council's timetable, for collection by Council's waste management service.

Wheelie bins to be cleaned as needed by residents.

Fairfield City Council DCP Waste & Recycling Generation Rates:

- Garbage: 80L/unit/week per 1 bed unit
- Garbage: 100L/unit/week per 2 bed unit
- Recycling: 80L/unit/week per 1 bed unit
- Recycling: 100L/unit/week per 2 bed unit
- Garden Organics: Not specified

Bin Calculation Table:

Calculation for Units 01 & 06 bins placed in their courtyards: 2 x 2 bed units

| Type of Material | Waste allocation per unit/wk | Number of Units | Total volume generated/wk | Quantity of 240L bins required | specify contractor and landfill site |
|------------------|------------------------------|-----------------|---------------------------|-----------------------------------|--------------------------------------|
| Garbage | 100L | 2 | 200L | 1 in each units courtyard | Weekly Council collection |
| Recycling | 100L | 2 | 200L wk x 2 400L fn | 1 in each units courtyard | Fortnightly Council collection |
| Garden | 25L | 2 | 50L | 1 x Included in communal bin area | Weekly Council collection |

Garbage room: For Units 02-05, 07-12 (total 10 units): 6 x 1 bed & 4 x 2 bed units

| Type of Material | Waste allocation per unit/wk | Number of Units | Total volume generated/wk | Quantity of 240L bins required | specify contractor and landfill site |
|------------------|------------------------------|-----------------|---------------------------|-----------------------------------|--------------------------------------|
| Garbage | 6x80L 4x100L | 10 | 880L | 5 in communal bin area | Weekly Council collection |
| Recycling | 6x80L 4x100L | 10 | 880L wk x 2 1760L fn | 8 in communal bin area | Fortnightly Council collection |
| Garden | 25L | 10 | 250L | 1 x included in communal bin area | Weekly Council collection |

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