

## WASTE MANAGEMENT PLAN

To facilitate waste management and reduction, Council requires on-site sorting and storage of waste products pending re-use, recycling or collection.

The applicable sections of the following waste management plan must (at a minimum) be completed and submitted with applications which involve the demolition, design and construction, the use of a building and on-going management.

Larger developments should include the level of detail which reflects the scale of the development. The Resource NSW website contains a number of best practice publications that may be of assistance for more detailed waste management planning activities.

The information provided in the waste management plan will enable an assessment of how it is intended to re-use, recycle and dispose of waste. The information will be assessed against prescribed targets for the minimisation of waste disposal.

|                                                                                                  |       |
|--------------------------------------------------------------------------------------------------|-------|
| <b>Outline of Proposal</b>                                                                       |       |
| Site Address: 2 Jeffrey street, Canterbury, NSW, 2193                                            |       |
| Applicant's name and address:                                                                    |       |
|                                                                                                  |       |
|                                                                                                  |       |
| Phone:                                                                                           | Fax:  |
|                                                                                                  |       |
| Buildings and other structures currently on the site:                                            |       |
| Existing house, garage and a carport.                                                            |       |
| Brief Description of Proposal:                                                                   |       |
| Extending existing carport, New colorbond fence and a sliding gate.                              |       |
| The details provided on this form are the intentions for managing waste relating to this project |       |
| Signature of Applicant:                                                                          | Date: |

## SECTION ONE – DEMOLITION STAGE

To be completed for applications involving demolition, excavation or residential subdivision (where involving 6 or more lots).

| MATERIALS ON SITE   |                                                                           | DESTINATION AND QUANTITY OF WASTE REUSE AND RECYCLING        |                      |                                                                      |                                                                      |  | DISPOSAL                                                                                 |
|---------------------|---------------------------------------------------------------------------|--------------------------------------------------------------|----------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|--|------------------------------------------------------------------------------------------|
| TYPE OF MATERIAL    | ESTIMATED VOLUME (M <sup>3</sup> )<br>*see A2.01 to help determine volume | ESTIMATED WEIGHT (kg)<br>*see A2.01 to help determine weight | ON-SITE              |                                                                      | OFF-SITE                                                             |  | * see A1.03 for transfer stations and landfills<br>Quantity (kg)<br>Probable destination |
|                     |                                                                           |                                                              | Quantity (kg)<br>Use | * see A1.02 for suggestions<br>Quantity (kg)<br>Probable destination | * see A1.02 for suggestions<br>Quantity (kg)<br>Probable destination |  |                                                                                          |
| Excavation Material | 0.01                                                                      | 10Kg                                                         | 10kg                 | Garden                                                               |                                                                      |  | Ryde Resource Recovery                                                                   |
| Green Waste         |                                                                           |                                                              |                      |                                                                      |                                                                      |  |                                                                                          |
| Bricks              |                                                                           |                                                              |                      |                                                                      |                                                                      |  |                                                                                          |
| Concrete            |                                                                           |                                                              |                      |                                                                      |                                                                      |  |                                                                                          |
| Tiles               |                                                                           |                                                              |                      |                                                                      |                                                                      |  |                                                                                          |

(Section One – Demolition Stage – continued )

| MATERIALS ON SITE                          | DESTINATION AND QUANTITY OF WASTE<br>REUSE AND RECYCLING |                                                                           |                                                              |               |          |               | DISPOSAL             |                                                 |
|--------------------------------------------|----------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------|---------------|----------|---------------|----------------------|-------------------------------------------------|
|                                            | TYPE OF MATERIAL                                         | ESTIMATED VOLUME (M <sup>3</sup> )<br>*see A2.01 to help determine volume | ESTIMATED WEIGHT (kg)<br>*see A2.01 to help determine weight | ON-SITE       |          | OFF-SITE      |                      | * see A1.03 for transfer stations and landfills |
|                                            |                                                          |                                                                           |                                                              | Quantity (kg) | Use      | Quantity (kg) | Probable destination |                                                 |
| Timber -<br>Please Specify<br><i>fence</i> |                                                          | < 3 M <sup>3</sup>                                                        | 3000 kg                                                      |               |          | 3000 kg       |                      | Ryde<br>Rescue<br>Recovery                      |
| Plasterboard                               |                                                          |                                                                           |                                                              |               |          |               |                      |                                                 |
| Metals<br>Please Specify                   |                                                          |                                                                           |                                                              |               |          |               |                      |                                                 |
| Other –<br>Please Specify                  |                                                          |                                                                           |                                                              |               |          |               |                      |                                                 |
| TOTAL WASTE                                |                                                          | 3010                                                                      | kg (100%)                                                    | 10            | kg ( ) % | 3000          | kg ( ) %             | kg ( ) %                                        |

Does the combined re-use and recycling of waste materials meet Council's target of 60% or greater (Yes/No) Yes.  
If no, revisit the table to see where improvements may be achieved. If the target is still not possible, please state reasons why:

## SECTION TWO – DESIGN STAGE

To be completed for all applications involving the design of buildings.

### Choice of Building Materials

|                                     | Building Materials                          | Reused or Recycled                  | Ecological Sustainability of Building Materials (See A3.01) |
|-------------------------------------|---------------------------------------------|-------------------------------------|-------------------------------------------------------------|
| Used                                |                                             | Used (✓)                            | Considered (✓)                                              |
|                                     | <b>External Wall Type:</b>                  |                                     |                                                             |
| <input type="checkbox"/>            | Brick                                       | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Timber/Weatherboard                         | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Autoclaved Aerated Concrete                 | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Concrete                                    | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Stone                                       | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Fibrous Cement                              | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Hardiplank                                  | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Steel                                       | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Aluminium                                   | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Other (Specify).....                        | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
|                                     | <b>Frame:</b>                               |                                     |                                                             |
| <input type="checkbox"/>            | Timber                                      | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input checked="" type="checkbox"/> | Steel                                       | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/>                         |
| <input type="checkbox"/>            | Other (Specify).....                        | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
|                                     | <b>Internal Wall Type:</b>                  |                                     |                                                             |
| <input type="checkbox"/>            | Brick                                       | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Timber                                      | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Autoclaved Aerated Concrete                 | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Concrete                                    | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Stone                                       | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Plasterboard                                | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Insulation (Specify).....                   | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Other (Specify).....                        | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
|                                     | <b>Ground Floor Type:</b>                   |                                     |                                                             |
| <input checked="" type="checkbox"/> | Concrete Slab on Ground                     | <input type="checkbox"/>            | <input checked="" type="checkbox"/>                         |
| <input type="checkbox"/>            | Suspended Concrete Slab                     | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Suspended Timber                            | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Insulation (Specify).....                   | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Other (Specify).....                        | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
|                                     | <b>Floor Covering:</b>                      |                                     |                                                             |
| <input type="checkbox"/>            | Tiles                                       | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Slate                                       | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Carpet                                      | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Timber                                      | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Vinyl                                       | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Other (Specify).....                        | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
|                                     | <b>Roof Covering:</b>                       |                                     |                                                             |
| <input type="checkbox"/>            | Concrete Roof Tiles                         | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Terracotta Roof Tiles (Clay)                | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Slate                                       | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input checked="" type="checkbox"/> | Metal deck                                  | <input type="checkbox"/>            | <input checked="" type="checkbox"/>                         |
| <input type="checkbox"/>            | Aluminium                                   | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Fibreglass/Plastics                         | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Insulation (Specify).....                   | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Other (Specify).....                        | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
|                                     | <b>Notable Site Works:</b>                  |                                     |                                                             |
| <input type="checkbox"/>            | Asphalt Driveways/Paving                    | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Concrete Driveways/Paving                   | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Brick Fences/Walls                          | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Timber Fences/Walls                         | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Concrete Fences/Walls                       | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input type="checkbox"/>            | Stone Fences/Walls                          | <input type="checkbox"/>            | <input type="checkbox"/>                                    |
| <input checked="" type="checkbox"/> | Other (Specify)..... <i>Colorbond Fence</i> | <input type="checkbox"/>            | <input checked="" type="checkbox"/>                         |

Note: Tick boxes to indicate what building material is used, whether it is reused or recycled and whether its ecological sustainability qualities have been considered.

**(Section Two – Design Stage - continued)**

**Building Design**

| Design Techniques                                                                                                                                    | Used                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| The appropriate location of waste management facilities                                                                                              | ( <input checked="" type="checkbox"/> ) |
| Design energy efficient housing to minimise energy consumption and use of fossil fuels (see Energy Efficient Housing Policy)                         | ( )                                     |
| Design to standard material sizes, use modular construction, prefabricated material and basic designs to reduce the need for off-cuts                | ( <input checked="" type="checkbox"/> ) |
| Specify the use of second hand, recycled or resource efficient building materials                                                                    | ( )                                     |
| "Design for deconstruction" techniques should be used so materials can be easily reused/recycled at the end of the life span of the building         | ( )                                     |
| Retrofit and repair existing buildings                                                                                                               | ( )                                     |
| Design to minimise excavation                                                                                                                        | ( <input checked="" type="checkbox"/> ) |
| Re-use off-cuts in building design                                                                                                                   | ( <input checked="" type="checkbox"/> ) |
| Design and specify for the smallest possible satisfactory solution                                                                                   | ( )                                     |
| Retain a copy of the building plans and specifications with the building to aid maintenance and resource recovery at the end of a buildings lifespan | ( <input checked="" type="checkbox"/> ) |
| Landscape design incorporates an area for composting                                                                                                 | ( )                                     |
| Other (Specify).....                                                                                                                                 | ( )                                     |

**Note: Tick boxes where design techniques have been or will be utilised to minimise waste.**

## SECTION THREE – CONSTRUCTION STAGE

**To be completed for all applications involving construction of buildings.**

| MATERIALS ON SITE        | DESTINATION AND QUANTITY OF WASTE REUSE AND RECYCLING        |                                                              |               |     |               |                      | DISPOSAL                                                                                       |
|--------------------------|--------------------------------------------------------------|--------------------------------------------------------------|---------------|-----|---------------|----------------------|------------------------------------------------------------------------------------------------|
| EXPECTED WASTE MATERIALS | ESTIMATED VOLUME (M³)<br>*see A4.01 to help determine volume | ESTIMATED WEIGHT (kg)<br>*see A4.01 to help determine weight | ON-SITE       |     | OFF-SITE      |                      | * see A1.03 for transfer stations and landfills<br><br>Quantity (kg)      Probable destination |
|                          |                                                              |                                                              | Quantity (kg) | Use | Quantity (kg) | Probable destination |                                                                                                |
| Excavation Material      |                                                              |                                                              |               |     |               |                      |                                                                                                |
| Green Waste              |                                                              |                                                              |               |     |               |                      |                                                                                                |
| Bricks                   |                                                              |                                                              |               |     |               |                      |                                                                                                |
| Concrete                 |                                                              |                                                              |               |     |               |                      |                                                                                                |
| Tiles                    |                                                              |                                                              |               |     |               |                      |                                                                                                |

(Section Three – Construction Stage – continued)

| MATERIALS ON SITE          | DESTINATION AND QUANTITY OF WASTE REUSE AND RECYCLING |                                                                           |                                                              |               |         |               | DISPOSAL             |                                                                 |
|----------------------------|-------------------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------------|---------------|---------|---------------|----------------------|-----------------------------------------------------------------|
|                            | EXPECTED WASTE MATERIALS                              | ESTIMATED VOLUME (M <sup>3</sup> )<br>*see A4.01 to help determine volume | ESTIMATED WEIGHT (kg)<br>*see A4.01 to help determine weight | ON-SITE       |         | OFF-SITE      |                      | * see A1.03 for transfer station and landfills<br>Quantity (kg) |
|                            |                                                       |                                                                           |                                                              | Quantity (kg) | Use     | Quantity (kg) | Probable destination |                                                                 |
| Timber -<br>Please Specify |                                                       |                                                                           |                                                              |               |         |               |                      |                                                                 |
| Plasterboard               |                                                       |                                                                           |                                                              |               |         |               |                      |                                                                 |
| Metals –<br>Please Specify | 0.01 m <sup>3</sup>                                   | 10 Kg                                                                     |                                                              |               |         | 10 Kg         |                      | Ride Rescue Recovery                                            |
| Other –<br>Please Specify  |                                                       |                                                                           |                                                              |               |         |               |                      |                                                                 |
| TOTAL WASTE                |                                                       |                                                                           | kg (100%)                                                    |               | kg ( %) |               | kg ( %)              |                                                                 |

Does the combined re-use and recycling waste meet Council's target of 60% or greater (Yes/No) \_\_\_\_\_.  
If no, revisit the table to see where improvements may be achieved. If the target is still not possible, please state reasons why:

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## SECTION FOUR – USE AND ON-GOING MANAGEMENT

To be completed for all applications involving the construction of residential accommodation and commercial and industrial developments or for the change of use of same.

Describe how you intend to ensure on-going management of waste on-site. Issues which may require to be addressed include maintenance, signage and responsibilities.

| ISSUE                            |                                                                                                                                                                                              | PROPOSED ARRANGEMENTS |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| <b>Size and Location</b>         |                                                                                                                                                                                              |                       |
|                                  | Use of premises.                                                                                                                                                                             |                       |
|                                  | Number of dwellings/units.                                                                                                                                                                   |                       |
|                                  | Estimated garbage generation (See A6.01).                                                                                                                                                    |                       |
|                                  | Estimated recycling generation (See A6.01).                                                                                                                                                  |                       |
|                                  | Number of and capacity of waste storage bins and volume handling and reduction equipment to be used for managing garbage.                                                                    |                       |
|                                  | Number of and capacity of waste storage bins and volume handling and reduction equipment to be used for managing recyclables.                                                                |                       |
|                                  | Number of and capacity of waste storage bins and volume handling and reduction equipment to be used for managing garden organics (if applicable).                                            |                       |
|                                  | Area/s allocated for waste storage and recycling area and volume handling and reduction equipment (highlight on plan drawings).                                                              |                       |
| <b>On-site Access</b>            |                                                                                                                                                                                              |                       |
|                                  | Describe arrangements for on-site access by residents to waste facilities (highlight on plan drawings)                                                                                       |                       |
|                                  | Describe arrangements for on-site access by collection contractors to waste facilities (highlight on plan drawings)                                                                          |                       |
| <b>Design and Construction</b>   |                                                                                                                                                                                              |                       |
|                                  | Describe the fire safety features and protection equipment provided.                                                                                                                         |                       |
|                                  | Describe how noise associated with residents using the bins, collection contractors emptying the bins and waste falling through and out of the bottom of a garbage chute has been minimised. |                       |
|                                  | Describe any features for preventing ingress of vermin into waste storage areas.                                                                                                             |                       |
|                                  | Describe measures taken to ensure waste storage areas are aesthetically consistent with the rest of the development.                                                                         |                       |
|                                  | Describe the light source and method of ventilation within waste storage areas.                                                                                                              |                       |
|                                  | Describe facilities for washing bins, waste storage areas and garbage chute systems.                                                                                                         |                       |
|                                  | Describe the features incorporated in the design of the volume handling and reduction equipment to ensure its safe and efficient operation.                                                  |                       |
| <b>On-going Waste Management</b> |                                                                                                                                                                                              |                       |
|                                  | Identify the time frame that it will take to introduce an environmental management system (i.e. waste minimisation and management strategy).                                                 |                       |
|                                  | Describe arrangements for the cleaning and maintenance of waste storage areas and volume handling and reduction equipment.                                                                   |                       |
|                                  | Describe arrangements for ensuring appropriate signage and ensuring residents/tenants are aware of how to use the waste management system correctly.                                         |                       |
|                                  | Identify each stage of waste transfer between residents'/tenants' units and loading into the collection vehicle. Who is responsible for each transfer?                                       |                       |
|                                  | Describe arrangements for the disposal of hazardous waste (if applicable)(See A6.02).                                                                                                        |                       |

*No change to Existing arrangements.*