



DRAFT WASTE MANAGEMENT PLAN

DEMOLITION, CONSTRUCTION, AND USE OF PREMISES

The applicable sections of this table must be completed and submitted with your Development Application.

Completing this table will assist you in identifying the type of waste that will be generated and will advise Council of how you intend to reuse, recycle or dispose of the waste.

Please refer to the City of Parramatta Waste Management Guidelines for new applications for the specific requirements for your type of application.

If you choose to provide an alternative waste management plan to the attached template please ensure all of the required information is addressed. Failure to provide all the required information may lead to further information being requested and a hold up in the final decision of your application.

The information provided will be assessed against the objectives of City of Parramatta Council Development Control Plan (DCP) 2011.

If space is insufficient in the table please provide attachments.

Outline of Proposal

Site address: 14 Mobbs Lane Carlingford NSW 2118

Applicant's name and address: Shiwei Lyu

Unit 9 1 Boden Rd Seven Hills NSW 2147

Phone: 0411899965 **Mobile:** 0411899965

Email: _ 649035509@qq.com or admin1@durapools.com.au

Building and other structures currently on site:

A house is currently on site

Brief description of proposal: _

The proposal development is a swimming pool that will be built in the backyard of the house.

The details provided on these forms, plans and attached documents are the intentions of managing waste relating to this project.

Signature of applicant: Shiwei Lyu **Date:** 2024/09/05

DEMOLITION & CONSTRUCTION

Council is seeking to reduce the quantity of waste and encourage the recycling of waste generated by demolition and construction works. Applicants should seek to demonstrate project management which seeks to:

1. Re-use excavated material on-site and disposal of any excess to an approved site
2. Green waste mulched and re-used on-site as appropriate, or recycled off-site
3. Bricks, tiles and concrete re-used on-site as appropriate, or recycled off-site
4. Plasterboard waste returned to supplier for recycling
5. Framing timber re-used on site or recycled off-site
6. Windows, doors and joinery recycled off-site
7. All asbestos, hazardous and/or intractable wastes are to be disposed of in accordance with WorkCover Authority and EPA requirements
8. Plumbing, fittings and metal elements recycled off site
9. Ordering the right quantities of materials and prefabrication of materials where possible
10. Re-using formwork
11. Careful source separation of off-cuts to facilitate re-use, resale or recycling

How to Estimate Quantities of Waste

- There are many simple techniques to estimate volumes of construction and demolition waste. The information below can be used as a guide by builders, developers & homeowners when completing a waste management plan:

To estimate Your Waste:

1. Quantify materials for the project
2. Use margin normally allowed in ordering
3. Copy these amount of waste into your waste management plan

When estimating waste the following percentages are building “rule of thumb” and relate to renovations and small home building:

Material	Waste as a Percent of the Total Material Ordered
Timber	5-7%
Plasterboard	5-20%
Concrete	3-5%
Bricks	5-10%
Tiles	2-5%

Converting Volume into Tonnes : A Guide for Conversion

Timber = 0.5 tonnes per m³
Concrete = 2.4 tonne per m³
Bricks = 1.0 tonne per m³
Tiles = 0.75 tonne per m³
Steel = 2.4 tonne per m³

To improve/provide more reliable figures:

- Compare your projected waste quantities with actual waste produced;
- Conduct waste audits of current projects;
- Note waste generated and disposal methods;
- Look at past waste disposal receipts;
- Record this information to help estimate future waste management plans.
- On a waste management plan amounts of waste may be stated in – m² or m³ or tonnes (t).

IMPORTANT

- The following tables should be completed by applicants proposing any demolition or construction work including the change of use, fit-out as well as alterations and additions of existing premises.
- The location of temporary waste storage areas and soil stockpiles during demolition and construction are to be shown on the submitted plans.
- Vehicle access to and from the site must be shown on the submitted plans.
- Stage three – Design of facilities should be completed by all applicants including change of use, fit-out as well as alterations and additions.

Demolition Stage One – To be completed for proposals involving demolition

Materials On- Site		Destination		
		Reuse & Recycling		Disposal
Type of material	Estimated Volume (m ³) or Area (m ²) or weight (tonnes)	On-Site Specify how materials will be reused or recycled on-site	Off-Site Specify the contractor and recycling outlet	Specify the contractor and landfill site
Bricks	0.25m ³	* Clean and reuse for footings	*Broken bricks sent by Bingo driver to its recycling centre 3/5 Duck St, Auburn NSW 2144 1300424646	No bricks will be sent to landfill, so nil to landfill
Excavation material(Soil)	1.2m ³	The excavated soil that can be used on site will be cleaned and reused for landscaping work.	The excavated material that cannot reuse on site will be delivered by Bingo to its recycling center (3/5 Duck St, Auburn NSW 2144) (1300424646)	Sent by the driver from Cleanaway Erskine Park Landfill 85 Quarry Rd, Erskine Park NSW 2759 (02)86028720
Green waste	0.3m ³	It will be reused for decorating the garden	Broken green waste will be delivered by Bingo to its recycled center (3/5 Duck St, Auburn NSW 2144) (1300424646)	The green waste will be used on site and will not be sent to landfill site, so nil to landfill
Tiles	0	It is expected that almost no tiles will be found during the excavation.	It is expected that almost no tiles will be found during the demolition, so no tiles will be sent to the outlet.	It is expected that almost no tiles will be found during the excavation and demolition, so nil to landfill

Concrete	0.25m ³	Clean and put them in the trash bin	Broken concrete will be transported by Bingo to its recycling centre 3/5 Duck St, Auburn NSW 2144 1300424646	The broken concrete will sent by Bingo to the recycling outlet, so will not be sent to landfill site, and therefore nil to landfill
Timber	0.01 m ³	Clean and used for landscaping work.	Broken timbers will be sent by bingo driver to 3/5 Duck St, Auburn NSW 2144 1300424646	No timber will be sent to the landfill, so nil to landfill.

Materials On- Site		Destination		
		Reuse & Recycling		Disposal
Type of material	Estimated Volume (m ³) or Area (m ²) or weight (tonnes)	On-Site Specify how materials will be reused or recycled on-site	Off-Site Specify the contractor and recycling outlet	Specify the contractor and landfill site
Plasterboard	0	It is expected that almost no plasterboard will be found during the excavation and demolition.	No plasterboard will be sent, since no plasterboard will be found during the excavation of a swimming pool	No plasterboard will be found during the demolition , so Nil to landfill.
Metals	0	It is expected that almost no metals will be found during the excavation	No metals will be sent, since no metals will be found during the excavation of a swimming pool	No metals will be found during the demolition, so no metals will be sent to landfill. And therefore, Nil to landfill.

Asbestos	0	It is expected that almost no asbestos will be found during the excavation.	It is expected that almost no asbestos will be found during the excavation, so no asbestos will be sent to the outlet.	No asbestos will be found during the excavation, so there is no asbestos will be sent to the landfill site.
Other waste	0	It is expected that almost no other waste will be found during the excavation	It is expected that almost no other waste will be found during the excavation, so no other waste will be sent to the recycling outlet.	No other waste will be found during the demolition, so no other waste will be sent to landfill. And therefore, nil to landfill

How will waste be separated and/or stored onsite for reuse and recycling? How will site operations be managed to ensure minimal waste creation and maximum reuse and recycling?

e.g. Staff training, selected deconstruction v. straight demolition, waste management requirements stipulated in contracts with sub-contractors, on-going checks by site supervisors, separate area set aside for sorted wastes, clear signage for waste areas etc .

Note. Details of the site area to be used for on-site separation, treatment and storage (including weather protection) should be provided on plan drawings accompanying your application.

The staff working on site will be trained and told by the supervisor or site manager, and the supervisor will tell them how to separate and store different waste on site and how to reuse and recycling.

For example, when it comes to the excavated soil, plenty of them can be used for landscaping work. A temporary waste storage area that are used for storing the reused soil will be set on the site, which is around 5 m² and this area will be set in the backyard of the house, and the location of the house is 14 Mobbs Lane Carlingford NSW 2118.

Besides,there are 3 different garbage chutes, with the colour of red, green and yellow.

The red one is used for Placing domestic waste by staff working at the construction site.

The yellow one is used for recycled waste, such as the waste paper box, and the green one is used for the broken green waste.

The waste collection vehicle access to the collection point on-site located at 14 Mobbs Lane Carlingford NSW 2118. The waste collection vehicle can park near the driveway of 14 Mobbs Lane, after taking the waste, the driver can drive to the recycling outlet, and the pathway to move the bins to and from on the street collection point is based on the results of setting on the google map by garbage truck driver.

Construction Stage two – To be completed for proposals involving construction

Materials On- Site		Destination		
		Reuse & Recycling		Disposal
Type of material	Estimated Volume (m ³) or Area (m ²) or weight (tonnes)	On-Site Specify how materials will be reused or recycled on-site	Off-Site Specify the contractor and recycling outlet	Specify the contractor and landfill site
* <u>Example only</u> * Bricks	0.5m ³	Clean and reuse for footings	Broken bricks will be sent by bingo diver to recycling centre 3/5 Duck St, Auburn NSW 2144 1300424646	No bricks will be sent to landfill site.
Excavation material(Soil)	1 m ³	Clean	The excavated material will be delivered by Bingo to its recycling center (3/5 Duck St, Auburn NSW 2144) (1300424646	Sent by the driver from Cleanaway Erskine Park Landfill 85 Quarry Rd, Erskine Park NSW 2759 (02)86028720
Green waste	0.3m ³	The green waste will still be used for garden working.	Broken green waste will be sent by bingo driver to the recycling center 3/5 Duck St, Auburn NSW 2144 1300424646	No green waste will be sent to landfill site, so nil to landfill.
Tiles	0.5m ²	The sides of the swimming pool will be tiled	The broken tiles will be transported by bingo diver to recycling centre 3/5 Duck St, Auburn NSW 2144 1300424646	No tiles will be sent to the landfill site, so nil to landfill.

Concrete	0.5m ³	The concrete will be used for laying tiles on sides of the swimming pool.	If there is any concrete left after construction, it will be taken away by Bingo driver, sending them to its recycling center 3/5 Duck St, Auburn NSW 2144 1300424646	No concrete will be sent to the landfill site, so nil to landfill.
Timber	0.5m ²	After the construction of swimming pool, a tiny part of timber will be used for retain wall	Broken timbers will be taken away by Bingo driver, sending them to its recycling center 3/5 Duck St, Auburn NSW 2144	No timber will be sent to landfill site, so nil to landfill.

Materials On- Site		Destination		
		Reuse & Recycling		Disposal
Type of material	Estimated Volume (m ³) or Area (m ²) or weight (tonnes)	On-Site Specify how materials will be reused or recycled on-site	Off-Site Specify the contractor and recycling outlet	Specify the contractor and landfill site
Plasterboard	0	During the construction, Plasterboard will not be used	No plasterboard will be used during the construction of swimming pool, so no plasterboard will be sent by driver to the recycling outlet.	No plasterboard will be sent to landfill site, so nil to landfill.

Metals	0.05 m ²	Clean	The broken metals will be put in the bin and transported by Bingo driver to its recycling centre 3/5 Duck St, Auburn NSW 2144 1300424646	No metal will be sent to landfill site, so nil to landfill.
Other waste	0	It is expected that almost no other waste will be generated during the construction.	It is expected that almost no other waste will be generated during the construction of swimming pool.	It is expected that almost no other waste will be generated during the construction of swimming pool, so nil to landfill.

How will waste be separated and/or stored onsite for reuse and recycling? How will site operations be managed to ensure minimal waste creation and maximum reuse and recycling?

e.g. Staff training, recycled materials used in construction, waste management requirements stipulated in contracts with sub-contractors, on-going checks by site supervisors, separate area set aside for sorted wastes, clear signage of waste areas etc.

The staff working on site will be trained and told by the supervisor or site manager, and the supervisor will tell them how to separate and store different waste on site and how to reuse and recycling. For example, when it comes to the broken tiles and concrete, an temporary bin from Bingo will be set on the site, which is around 5 m² and this trash bin will be set in the front yard of the house, and the house is at 14 Mobbs Lane Carlingford NSW 2118.

And then , when the trash bin is filled with the broken bricks or tiles, it will be transported by the driver from Bingo.

The vehicle access to and from the site is located at 14 Mobbs Lane Carlingford NSW 2118.

Note. Details of site area to be used for on-site separation, treatment and storage (including weather protection) must be provided on plan drawings accompanying your application.

Design of facilities (Use of site) Stage three – To be completed for all proposals including change of use, fit out as well as alterations and additions

- Applicants should refer to Councils document 'Waste Management Guidelines for new Development Applications' for specific requirements related to the type of development proposed. This is available on Councils website.
- In the case of change of use, fit out as well as alterations and additions, if the proposal involves existing waste management practices then full details of current methods are to be provided
- All proposals are to show the waste storage areas on plan drawings which should accompany your application

Type of waste to be generated	Expected volume per week, number and size of bins	Proposed on-site storage and treatment facilities	Destination and contractor
Please specify. E.g. glass, paper, food waste, green waste, compost etc.	Volume (Litres – L)	For example: waste storage room, garbage chute, compaction equipment	For example: Recycling, landfill by council or private contractor (include name of contractor)
Green waste	50 L per week 1*120L bin	Garbage bin or temporary waste area	Recycling, collected by Bingo Collection company, and will be sent to its recycling centre 3/5 Duck St, Auburn NSW 2144
Concrete	60L per week 1*660L Wheelie Bin	Garbage chute	Recycling, collected by Bingo Collection company, and will be sent to its recycling centre 3/5 Duck St, Auburn NSW 2144

Describe how you intend to ensure on-going management of waste on-site (e.g. lease conditions, caretaker, strata manger) as well as provide details of how the bin store area complies with councils bin storage area requirements relevant to the type of proposed development.

The staff working on site will be trained and told by the supervisor or site manager, and the supervisor will tell them how to separate and store different waste on site and how to reuse and recycling.

For example, when it comes to the excavated soil, some parts of them can be used for landscaping work. A temporary waste storage area that are used for storing the reused soil will be set on the site, which is around 5 m² and this area will be set in the backyard of the house, and the location of the house is 14 Mobbs Lane Carlingford NSW 2118.

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FINAL CHECK

Please read and tick the box to ensure all required information has been provided

1. Have you checked the waste requirements for the proposed type of development in Councils document 'Waste Management Guidelines for new Development Application and provided all of the required information? ☒
2. Have you completed the relevant sections to your application of the above waste management plan template or provided an alternative waste management plan addressing the required information? ☒
3. Have you shown use of site waste storage areas, garbage chutes, bin pulls and compaction equipment on plans accompanying this application? ☒
4. Have you shown the location of temporary waste storage areas, soil stock piles and vehicle entry/exit points during construction and demolition on the plans accompanying this application? ☒
5. Have you shown the waste collection vehicle access to the collection point on-site (if applicable) on the plans accompanying this application? ☒
6. Have you shown the pathway taken to move the bins to and from the on street collection point and the location of the on street collection point on the plans accompanying this application? ☒