

10 Fern Creek Road, Warriewood (Lot 06)

DECEMBER 2021

Operational Waste Management Plan



**WASTE AUDIT AND
CONSULTANCY SERVICES**

Level 21 / 133 Castlereagh Street
Sydney, NSW 2000

Telephone (02) 9199 4521
www.wasteaudit.com.au

This report contains confidential information. It has been compiled by Waste Audit and Consultancy Services (Aust) Pty Ltd on behalf of PTI Architecture for the 10 Fern Creek Road Warriewood development.

This Waste Management Plan is not a substitute for legal advice on the relevant environmental legislation, which applies to PTI Architecture, its contractors or other bodies. Accordingly, Waste Audit and Consultancy Services (Aust) Pty Ltd will not be liable for any loss or damage that may arise out of this project, other than loss or damage caused as a direct result of Waste Audit and Consultancy Services (Aust) Pty Ltd's negligence.

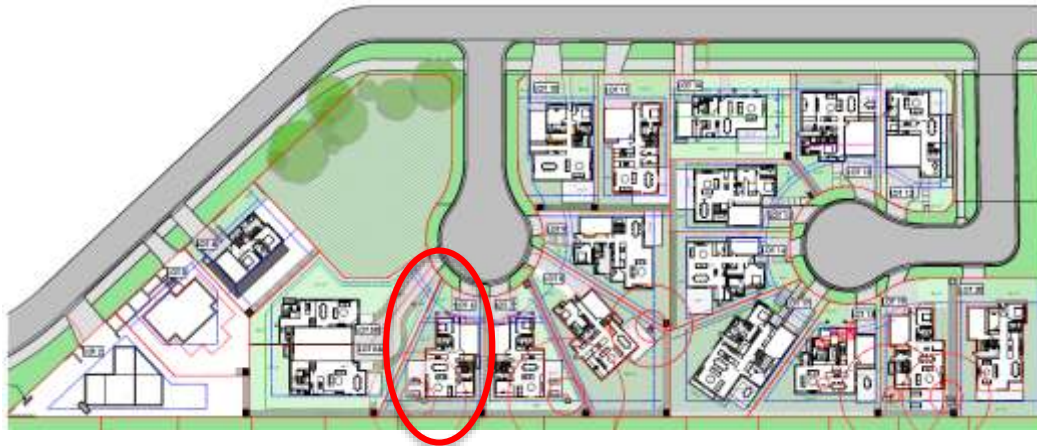
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1 Introduction

This Waste Management Plan (WMP) has been prepared on behalf of PTI Architecture to accompany a Development Application for the 10 Fern Creek Road Warriewood development.

The Operational Waste Management plan applies to Lot 06 of this development.



This Plan has been developed with consideration of Northern Beaches Council and other Authority's requirements. It is intended to inform the design of the waste services by identifying the estimated waste profile for the development and providing the total area required by the recommended equipment/systems.

In doing so this Plan, which includes waste estimates and related management requirements, has been developed in accordance with Northern Beaches Council's *Pittwater 21 Development Control Plan* (specifically *Section C1.12 Waste and Recycling Facilities*).

2 Waste Generation

2.1 Waste Streams

Based on the development profile, the following waste streams would be expected:

- General Waste
- Commingled Recycling (including paper and cardboard)
- Garden waste

2.2 Waste Generation Estimates

Based on the services that Council provides to residential buildings, each resident will require:

- One x 80 litre mobile garbage bins for residual waste;
- One x 140 litre mobile garbage bins for paper/cardboard recyclables;
- One x 140 litre mobile garbage bins for commingled recyclables; and
- One x 240 litre mobile garbage bins for garden organics.

These are illustrated below:



2.3 Waste Management System

Residents will be provided with the appropriate bins for the waste, recyclables and garden waste/organics.

Council services for these are:

- General waste serviced weekly
- Recycling and garden waste serviced fortnightly

All bins will need to be placed at kerbside weekly or fortnightly as per Council's collection schedule.

Details for each stream (ie., what can and should not be deposited into each stream), can be found at: <https://www.northernbeaches.nsw.gov.au/services/rubbish-and-recycling/bin-guide>

Council provides a range of additional information to assist residents improve waste management. Details can be found at: <https://www.northernbeaches.nsw.gov.au/services/rubbish-and-recycling/a-to-z-guide-to-recycling-reuse-and-disposal>;

<https://www.northernbeaches.nsw.gov.au/services/rubbish-and-recycling/kimbriki-resource-recovery-centre>; and

<https://www.northernbeaches.nsw.gov.au/services/rubbish-and-recycling/waste-reduction>

2.4 Operational Procedures

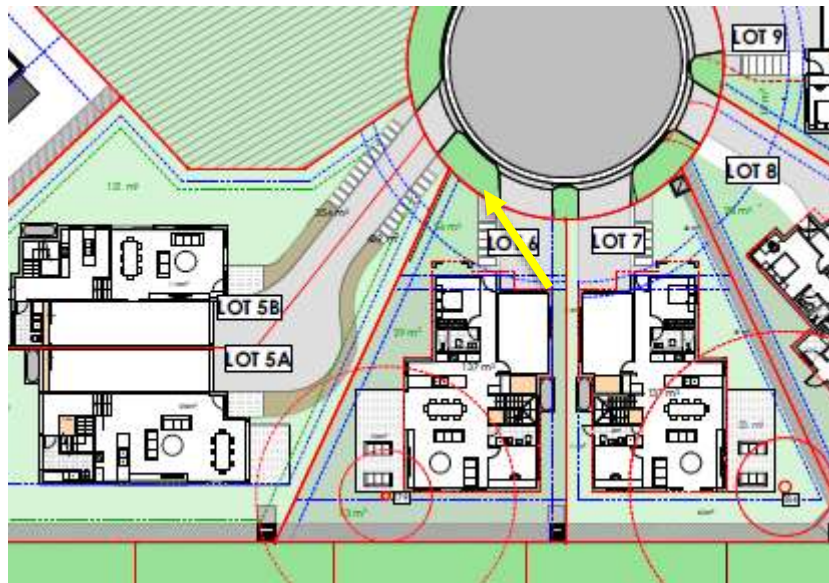
The following summarises the recommended waste and recycling systems that will be implemented. These recommendations are based on the Northern Beaches Council's requirements for residential developments.

- Bins will be located within each of the premises and stored at the front of the property or in the garage. The indicative location is illustrated below:



- ii. Residents will be required to place bins out onto the kerbside for collection.
- iii. All bins that are being serviced will need to be placed onto the kerbside the night before collection. Council indicates that servicing will occur on Fridays.
- iv. Bins are also to be removed from kerbside on the same day of servicing (ie., within 24 hours).
- v. Bins are to be spaced a minimum of 20 centimetres apart and clear of any parked vehicles or any other object that could obstruct servicing by Council's collection vehicle(s).

The following illustrates the roadway where the bins from each residence will be placed for servicing by the Council:



2.5 Bulky Waste

Council provides a scheduled “clean up service” for the disposal of larger items. Details of this service (and how to book), can be found at:

<https://www.northernbeaches.nsw.gov.au/node/15352>

NORTHERN BEACHES COUNCIL

Waste Management Plan

(For development in the area of WLEP 2011 and WLEP 2000)

This plan is to be completed
in accordance with Council's

Waste Management Guidelines

(For development in the area of WLEP 2011 and WLEP 2000)

Effective Date: 25 October 2016

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Purpose of the Waste Management Plan

This *Waste Management Plan (WMP)* will detail the arrangements for waste management during all stages of development and occupation.

The WMP must be completed in accordance with the Waste Management Guidelines (Guidelines).

A completed WMP is a mandatory requirement for any Development Application (DA) submitted under WLEP 2011 or WLEP 2000. DAs that are submitted without a completed WMP will be rejected or refused by Council.

Structure of the Waste Management Plan

All applicants are required to complete the 'Applicant and Project Details' part of the WMP and include it with the relevant Sections that apply to their proposed development.

The WMP is divided into Sections and applicants are only required to complete the relevant Sections in accordance with the Guidelines. The table below identifies which Sections are relevant to which development types.

For example, if the proposed development was to include demolition of an existing structure and construction of a single dwelling, the relevant Sections would be Sections 1, 2 and 3.

Section	Development Type [^]
Section 1 – Demolition	All
Section 2 – Construction	All
Section 3 – On-going waste management for one or two dwellings	One or two dwelling developments Mixed-use developments containing one or two dwellings
Section 4 – On-going waste management for three or more dwellings	Three or more dwelling developments Mixed-use developments containing three or more dwellings
Section 5 – On-going waste management for non-residential and mixed use developments	Commercial developments Industrial developments Mixed-use developments
Section 6 – Private roadway developments	Private roadways

[^]Note: the definitions of the development types are provided in Section vi of the Introduction to the Guidelines

Applicant and Project Details

Complete this page and the relevant Sections that apply to your proposed development.

Applicants' Details

Name: (must be the same as the DA form)	Anthony Jonker - CPS Planning
Address: (must be the same as the DA form)	Level 3, 397 Riley Street, Surry Hills NSW 2010
Phone Number:	02 8039 7461
Email Address:	cps.admin@cpsplanning.com.au

Property Details

Lot No: Deposited Plan (DP) No: or Strata Plan (SP) No:	Lot 6 DP736961
Unit No: House No: Street: Suburb: Postcode:	Lot 6

Project Details

Description of proposed development:	Dwelling House
Structures to be demolished:	Nil

Applicant Declaration

I declare that:

1. This plan has been completed in accordance with the Waste Management Guidelines
2. To the best of my knowledge, the details on this form are accurate and correct

I understand that:

1. All records demonstrating lawful disposal of waste will be retained and kept readily accessible for inspection by regulatory authorities such as Council, NSW Environment Protection Authority or WorkCover NSW.
2. A bond in accordance with Council's fees and charges may apply to this development and must be paid to Council prior to any works commencing.
3. The bond will only be refunded when Council is satisfied that all waste outlined in this plan has been managed as per the plan, and evidence such as photos, receipts and statutory declarations must be supplied where appropriate.

Signature of Applicant: _____

Date: _____

Section 1 – Demolition

This section must be completed in accordance with 'Chapter 1 – Demolition' of the Waste Management Guidelines

MATERIALS ON SITE	DESTINATION						
	<i>Evidence such as weighbridge dockets and invoices for waste disposal or recycling must be retained on site for inspection</i>				DISPOSAL (LEAST FAVOURABLE)		
Types of Waste Material	Estimated Volume (m ³) or Weight (t)	REUSE AND RECYCLING (MOST FAVOURABLE)		DISPOSAL (LEAST FAVOURABLE)			
		ONSITE RE-USE ✓ Specify how material will be reused on site	OFFSITE RECYCLING ✓ Recycling Outlet (RO) ✓ Waste Transport Contractor (WTC)	OFFSITE DISPOSAL ✓ Specify landfill site (LS) ✓ Specify Waste Transport Contractor (WTC)			
				WTC	RO	WTC	LS
Excavated Material							
Garden Organics							
Bricks						OPTION NOT AVAILABLE: These materials must be re-used or separated on or off site and sent for recycling.	
Tiles							
Concrete							
Timber							
Plasterboard							
Metals							
Asbestos							
Other waste (please specify)							
Estimated Total % Recovered							

Refer to the estimation tables in 'Chapter 1 – Demolition' of the Guidelines for assistance in completing this table.

The applicant must submit a Site Plan showing the structures to be demolished and storage areas for waste and construction materials (if the development also includes construction).

WMP Checklist

Not Applicable to this development

Have you included the following:	Applicant Tick
A site plan showing: <ul style="list-style-type: none"> • The structures to be demolished. • Storage areas for waste to be reused, recycled, or disposed of. • Materials storage (if the development also includes construction) 	<input checked="" type="checkbox"/>
The table on the previous page, completed in accordance with ‘Chapter 1 – Demolition’ in the guidelines.	<input checked="" type="checkbox"/>

Section 2 – Construction

This section must be completed in accordance with 'Chapter 2 – Construction' of the Waste Management Guidelines

Not Applicable to this development

MATERIALS ON SITE	DESTINATION						
	<i>Evidence such as weighbridge docketts and invoices for waste disposal or recycling must be retained on site for inspection</i>				DISPOSAL (LEAST FAVOURABLE)		
	REUSE AND RECYCLING (MOST FAVOURABLE)			DISPOSAL (LEAST FAVOURABLE)			
Types of Waste Material	Estimated Volume (m ³) or Weight (t)	ONSITE RE-USE ✓ Specify how material will be reused on site	OFFSITE RECYCLING ✓ Specify recycling outlet (RO) ✓ Specify Waste Transport Contractor (WTC)	WTC	RO	OFFSITE DISPOSAL ✓ Specify landfill site (LS) ✓ Specify Waste Transport Contractor (WTC)	
* Please specify				WTC	RO	WTC	LS
Excavated Material	10m3	NA	TBC By Contractor				
Garden Organics	0						
Bricks	1.5- 3m3		Brick Recycle Center			OPTION NOT AVAILABLE: These materials must be re-used or separated on or off site and sent for recycling.	
Tiles	0.1-0.15m3						
Concrete	3-4.5m3						
Timber*	2m3		Timber recycling				
Plasterboard	3-5m3						
Metals*	1m3		Metal Recycling				
Asbestos	Nil						
Other waste*	Nil						
Estimated Total % Recovered	5-10%						

Refer to the estimation tables in 'Chapter 2 – Construction' of the Guidelines for assistance in completing this table.

The applicant must submit a Site Plan showing the structures to be demolished and storage areas for waste and construction materials (if the development also includes construction).

Not Applicable to this development
WMP Checklist

Have you included the following:	Applicant Tick
A site plan showing: <ul style="list-style-type: none"> • The structures to be demolished. • Potential storage areas for waste to be reused, recycled, or disposed of. • Materials storage 	<input checked="" type="checkbox"/>
The table on the previous page, completed in accordance with 'Chapter 2 – Construction' in the guidelines.	<input checked="" type="checkbox"/>

Section 3 – On-going waste management for one or two dwellings

This section is to be completed in accordance with ‘Chapter 3 – On-going waste management for one or two dwellings’ of the Waste Management Guidelines.

Type of development: Dwelling House

Number of dwellings: 1

WMP Checklist

Do your architectural and landscape plans include the following:	Applicant Tick
Waste Storage Area design requirements (Chapter 3.2.)	<input checked="" type="checkbox"/>
Waste Storage Area location requirements (Chapter 3.3.)	<input checked="" type="checkbox"/>

Section 4 – On-going waste management for three or more dwellings

This section is to be completed in accordance with 'Chapter 4 – On-going waste management for three or more dwellings' of the Waste Management Guidelines.

Not Applicable to this development

Type of development: _____

Number of dwellings: _____

WMP Checklist and Applicant Declaration

Do your architectural/landscape plans include the following:	Applicant Tick	N/A
Waste Storage Area design requirements (Chapter 4.2.)	<input type="checkbox"/>	-
Waste Storage Area location requirements (Chapter 4.3.)	<input type="checkbox"/>	-
Pathway, access and door requirements (Chapter 4.4.)	<input type="checkbox"/>	-
Clean-up waste requirements (Chapter 4.5.)	<input type="checkbox"/>	<input type="checkbox"/>
Kerbside (on-street) waste collection requirements (Chapter 4.6.)	<input type="checkbox"/>	<input type="checkbox"/>
On-site (off-street) waste collection requirements (Chapter 4.7.)	<input type="checkbox"/>	<input type="checkbox"/>

Section 5 – On-going waste management for non-residential and mixed use developments

This section is to be completed in accordance with ‘Chapter 5 – On-going waste management for non-residential developments’ and ‘Chapter 6 – On-going waste management for mixed use developments’ of the Waste Management Guidelines.

Not Applicable to this development

Type of development: _____

Number of commercial premises: _____

Number of Waste Storage Areas: _____

WMP Checklist

Do your architectural/landscape plans include the following:	Applicant Tick	N/A
Waste Storage Area design requirements (Chapter 5.2.)	<input type="checkbox"/>	-
Waste Storage Area location requirements (Chapter 5.3.)	<input type="checkbox"/>	-

Section 6 – Private roadway developments

This section is to be completed in accordance with 'Chapter 7 – Private roadway developments' of the Waste Management Guidelines.

Not Applicable to this development

Type of development: _____

Number of dwellings: _____

(Only applicable for sub-divisions)

WMP Checklist and Applicant Declaration

Do your sub-division plans include the following:	Applicant Tick	N/A
Council's waste vehicle design requirements (Chapter 7.2.)	<input type="checkbox"/>	<input type="checkbox"/>
Waste Storage Area requirements (Chapter 7.3.)	<input type="checkbox"/>	<input type="checkbox"/>