



# WASTE MANAGEMENT PLAN (WMP)

FOR OPERATIONAL WASTE

GENERAL WASTE AND RECYCLABLE WASTE  
DA SUBMISSION

Proposed Mixed Use Development

## North Cronulla Surf Life Saving Club

(Sutherland Shire Local Government)

Waste Plan prepared by:

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North Cronulla Surf Life Saving Club

**WASTE MANAGEMENT PLAN FOR DA**  
**MIXED USE DEVELOPMENT**

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**WASTE MANAGEMENT PLAN FOR DA**  
**MIXED USE DEVELOPMENT**  
**North Cronulla Surf Life Saving Club (NCSLSC)**

**1.0 EXECUTIVE SUMMARY**

The North Cronulla Surf Life Saving Club is located in central Cronulla, within Dunningham Park. The site is bounded by North Cronulla Beach to the east, the Prince Street car park to the north and Dunningham Park to the south and west.

The club currently occupies the existing three storey heritage listed building and the existing equipment storage shed attached to the southern end of the heritage building. Within the equipment shed building, there is an existing kiosk with an outdoor seating area fronting the beach.

**Current waste bins**

Bins for the NCSLSC are located along the passage way between the pool and the heritage building. The Kiosk bins are located in front of the Kiosk. There is a Council store to the south of the Kiosk. There is also a Council store to the west of the equipment store. Council has no bins in these stores.

There are Council bins outdoors with stainless steel covers on the south end of the complex and on the eastern side. Council swaps these bins via a small ATV or buggy, located at Wanda, and performs daily rounds, up and down the beaches and into coastal parks. Waste is collected by Council trucks as required over the normal week cycle.

**Special events - current**

When an event is held at North Cronulla, an application is made to Council by the event organizer and they can request extra bins, which are orange. These are also collected by the Council garbage truck, as required, over the duration of the event. There is no formal or dedicated location for these bins.

**Vehicle access - current**

Vehicle access is limited to the car park area along Prince Street. The promenade that runs along the eastern side of the existing buildings (between the existing surf club and the beach), is the only access for service vehicles, such as garbage trucks and delivery vehicles.

#### The proposal

The proposal for this development is to demolish the existing storage shed and Kiosk, and the existing Nippers building located at the rear of the site. A new three storey building is proposed on the southern side of the heritage surf life saving building.

This will incorporate a new Nippers building, the equipment storage shed, Kiosk, Council's ancillary facilities, including public amenities, a Life Guard and First Aid Room and a new first floor commercial tenancy. The second floor is a minor addition which will provide lift access to the second floor of the existing club building.

In line with the type of development being proposed, being a mix of spaces, there are two waste management systems in place. Council waste collection contractors will collect the Council and the Club bins and private contractors will collect the commercial and Kiosk bins. Time of collection will be as per Council requirements.

#### NCSLSC Waste

As per current procedure, waste from the NCSLSC will initially be held in bins throughout the Club and will be moved to the Club's waste store by their cleaner. This waste store is located on the ground floor on the western side of the new building.

The waste vehicle will enter the site from Mitchell Road and will proceed via the internal driveway to the designated loading zone.

As per current procedures, collection frequency will be as required as it can vary greatly from week to week, and from day to day. The peak volume is estimated to be about 5x 240L bins collected about twice per week. The Council store/ waste zone has been sized at 86.4 sqm (Council had requested 60 sqm). Time of collection will be to suit Council requirements.

#### Kiosk Waste

It is proposed that the Kiosk will hold its bins within its tenancy. This is to be included by the tenant's fitout designers and is not part of this scope. An indicative sample plan has been attached. This waste will be collected by a private contractor.

The waste vehicle will enter the site from Mitchell Road and proceed via the internal driveway to the designated loading zone. The collection frequency will be as required. At peak times, eg. festivals, etc. the volume is envisaged to be about 4x 240L bins collected once per week. Time of collection will be to suit other traffic (eg. very early in the morning) and to meet Council requirements.

#### Commercial Tenancy Waste

Waste from the new commercial tenancy will initially be held in bins within the tenancy and will be moved to the commercial waste store by the tenant. The commercial waste store is located on the ground floor on the western side of the new building.

The waste vehicle will enter the site from Mitchell Road and will proceed via the internal driveway to the designated loading zone. The type of tenant is not yet known but assumptions have been made in order to prepare this report.

In order to estimate the waste volumes for the commercial tenancy this report has been based on the rates provided by the "Better Practice Guidelines for Waste Management and Recycling in Commercial and Industrial Facilities", which is an EPA document.

Collection frequency will be as required. At peak times, eg. festivals, the volume is envisaged to be about 10x 660L bins collected 5 times per week. This could be increased to daily collection as required. Time of collection will be to suit other traffic (eg. very early in the morning) and to suit Council requirements.

It is envisaged that waste collection for special events will remain as per current procedures.

This report has been prepared based on the Sutherland Shire Council's Waste Management requirements in DCP 2015 "Chapter 18 B3 Commercial Core Cronulla". This document provides the requirements in general for waste handling facilities for the DA submission.

Council has provided the waste area sizes for the Club/ Council.

The basic requirements for waste handling facilities are as follows:

- To be of adequate size.
- Integrated with building design and site landscaping.
- Suitably screened from public areas.
- With appropriate access for collection.
- Assurance that OH&S requirements for waste contractors are met.

The proposed design complies with Council requirements, has met the above criteria and has greatly improved on the existing facilities as follows:

- Council, the Club, the Kiosk and the commercial tenancy all have their own internal designated waste stores.
- There is easy access to each.

- Each waste holding space will be well lit and ventilated, to comply with the regulations.
- The Council waste store is considerably larger than existing.
- The Kiosk waste zone is located inside the tenancy (not outside as per existing).  
Although an indicative sketch has been attached, the tenant will need to submit their own waste management plan as part of their fitout DA.
- The commercial tenancy waste store has been calculated based on its size, rates provide by EPA, and Council guidelines. In addition, the collection frequency will be adjusted as required and in coordination with the waste contractor.
- The Club will be responsible for managing their waste, including vehicular access and maintenance of the waste areas. A letter from the Club has been attached to this effect.

All waste stores will be fitted out to meet Building Code of Australia and Council requirements. This report describes the waste management system proposed for the project, including:

- Estimates of waste quantity
- Waste space allocation & equipment
- Management of waste
- Waste segregation and minimization procedures
- Access

## **2.0 ACCESS**

- To collect all waste bins the vehicles will enter the site from Mitchell Road and proceed to the loading zone near the waste store via an internal driveway.
- Also refer to the Traffic Consultant's report.

## **3.0 WASTE GENERATION SCHEDULE, ESTIMATE OF WASTE VOLUME AND WASTE STORE SIZE**

### **NCSLSC Waste**

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As per current procedures, collection frequency will be as required as it can vary greatly from week to week, and from day to day. The peak volume is estimated to be about 5 x 240L bins collected about twice per week.

The Council store/ waste zone has been sized at 86.4 sqm (Council had requested 60 sqm). Time of collection will be to suit Council requirements.

#### Kiosk Waste

It is proposed that the Kiosk will hold its bins within its tenancy. This is to be included by the tenant's fitout designers and is not part of this scope. A indicative sample plan has been attached. This waste will be collected by a private contractor.

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#### Commercial Tenancy Waste

Waste from the new commercial tenancy will initially be held in bins within the tenancy and will be moved to the commercial waste store by the tenant. The commercial waste store is located on the ground floor on the western side of the new building.

The type of tenant is not yet known but assumptions have been made in order to prepare this report.

At peak times, eg. festivals, the volume is envisaged to be about 10x 660L bins collected 5 times per week. Collection frequency can be increased as required. Time of collection will be to suit other traffic (eg. very early in the morning) and to suit Council requirements.

A summary of the estimated commercial waste volume has been tabulated below.

### **Commercial Estimate of Waste Volume/ Week**

#### **01. Assumptions**

This report is part of the development application process. The final sizing of waste stores and frequency of waste collection will be made once the final tenancy agreement is in place and the tenancy type is finalized. A Food and Beverage use has been assumed.

#### **02. Commercial - Estimate of Waste Volume**

Area	Size sqm	Rate L per 100 sqm	Total L per day	Total L per week
General	588	380	2234.4	15641
Recyclable	588	380	2234.4	15641
<b>Total</b>				<b>31282 L</b>

#### **Commercial waste store size**

##### **General and recyclable waste**

31282L @ 660L bins = 47.4 bins

Assume collection is 5x per week = 9.5 bins = 10bins

Note that about 50% of these are estimated to be for recyclable waste

Plus circulation

#### **Notes:**

- The recyclable waste space is to be clearly demarcated and signage provided
- The above calculations need to be coordinated with the final tenancy guidelines.
- Council will be responsible for providing the Council and Club waste removal service, also for maintaining and cleaning their own waste areas.
- The Club will arrange for bins to be collected at call as per current procedures. This is because the use of the club facilities varies widely from week to week (also during the week)
- The commercial and kiosk tenants will be responsible for providing their own waste removal service by a private contractor.
- Kiosk waste store to be within their own tenancy.
- The various cleaners will be responsible for moving the bins to the main waste stores and for cleaning all the waste handling areas.
- The long term aim of the waste management strategy is to provide an ongoing and coordinated waste management service that satisfies mandatory authority requirements and is adaptable to changing operational needs.

#### **4.0 WASTE REMOVAL AND VEHICLE MANOEUVRING**

As per current procedure, waste from Council areas will be moved to their waste store by their contractor. This waste store is located on the ground floor on the western side of the new building.

Waste from the NCSLSC will initially be held in bins throughout the Club and will be moved to the club's waste store by their cleaner. This waste store is located on the ground floor on the western side of the new building.

The Council waste vehicle for the above two areas will enter the site from Mitchell Road and will proceed via the internal driveway to the designated loading zone

Waste from the new commercial tenancy will initially be held in bins within the tenancy and will be moved to their waste store by the tenant. Their waste store is located on the ground floor on the western side of the new building.



The Kiosk will hold its bins within its tenancy. This is to be included by the tenant's fitout designers and is not part of this scope.

The private contractor's waste vehicle for the above two areas will enter the site from Mitchell Road and will proceed via the internal driveway to the designated loading zone

## **5.0 WASTE SEGREGATION AND MINIMISATION**

The waste strategy for the development will be continually evaluated by Center Management, to improve the service provided and to achieve the NSW Government's waste reduction targets, through improved recycling methods and aiming to minimize waste.

## **6.0 WASTE STORES REQUIREMENTS**

The waste stores will be designed in line with Council and BCA requirements.

Waste stores in Food Premises/ tenancies will also need to comply with AS 4674-2004.

### **Floor finish**

To be sealed concrete slab, graded and drained to meet Sydney Water Guidelines.  
The floors must be a washable, non-slip, smooth, even surface, coved at wall joints, finished in a light colour.

### **Wall finish**

The walls must be a solid, impervious material, cement rendered to a smooth washable surface, finished in a light colour.

### **Ceiling finish**

Must be finished in a rigid smooth, non-absorbent material, capable of being easily cleaned, finished in a light colour

### **Drainage**

Stores are to be graded and drained to sewer and grease trap  
Refer to Sydney Water for requirements.

### **Doors**

Must be tight fitting to prevent the entry of vermin

### **Lighting**

Waste stores must be suitably lit with artificial lighting.

#### Ventilation

All the waste stores must be ventilated by either natural ventilation (5 litres/ sqm) or be mechanically ventilated. The ventilation system will comply with AS 1668 Parts 1 & 2 and Council's ventilation guidelines.

#### Safety

All equipment must have safe operation procedures in place. Appropriate safety signage must be provided

#### Bin washing

Provide a trapped gully and hot and cold water mixer tap in each central waste store  
Refer to Sydney Water for requirements

Provide a bunded waste oil drum space in the waste store for the commercial tenants.  
Refer to Sydney Water for requirements

#### Grease Traps

A grease trap maybe required and the hydraulic consultant will to coordinate this with Sydney Water. Refer to Sydney Water Guidelines for requirements

Path of travel – from bin holding area to truck

No steps or kerbs

Maximum gradient = 1:14

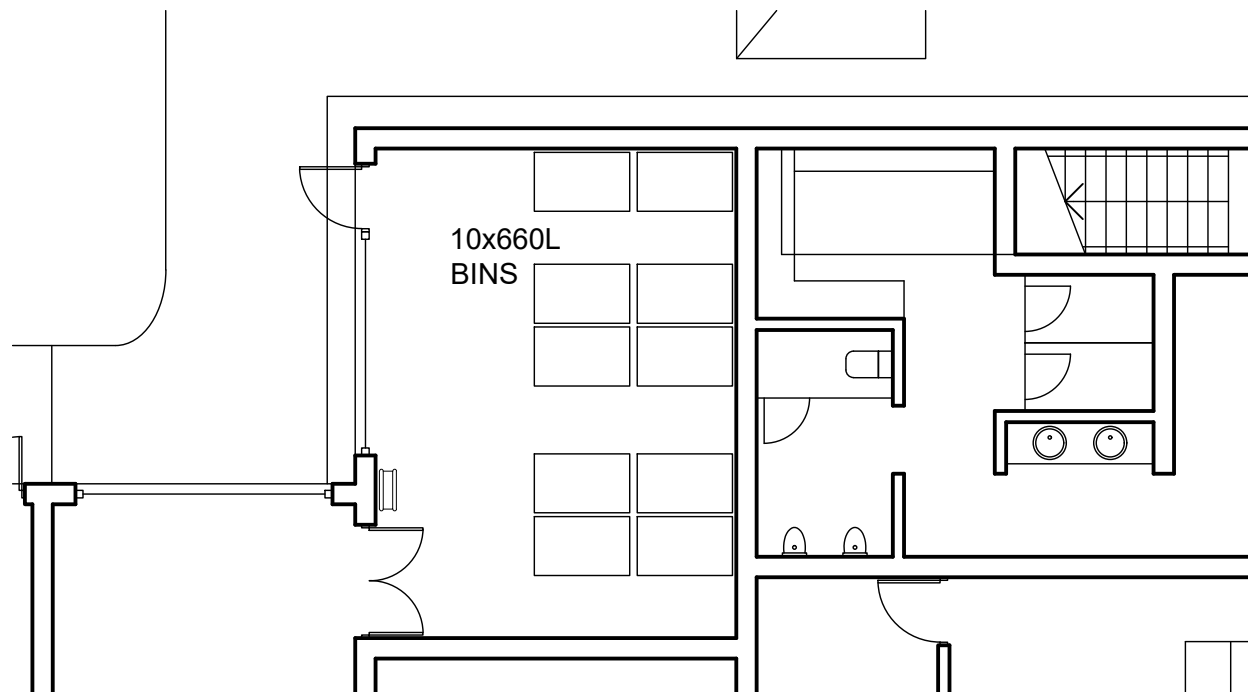
#### Appendix

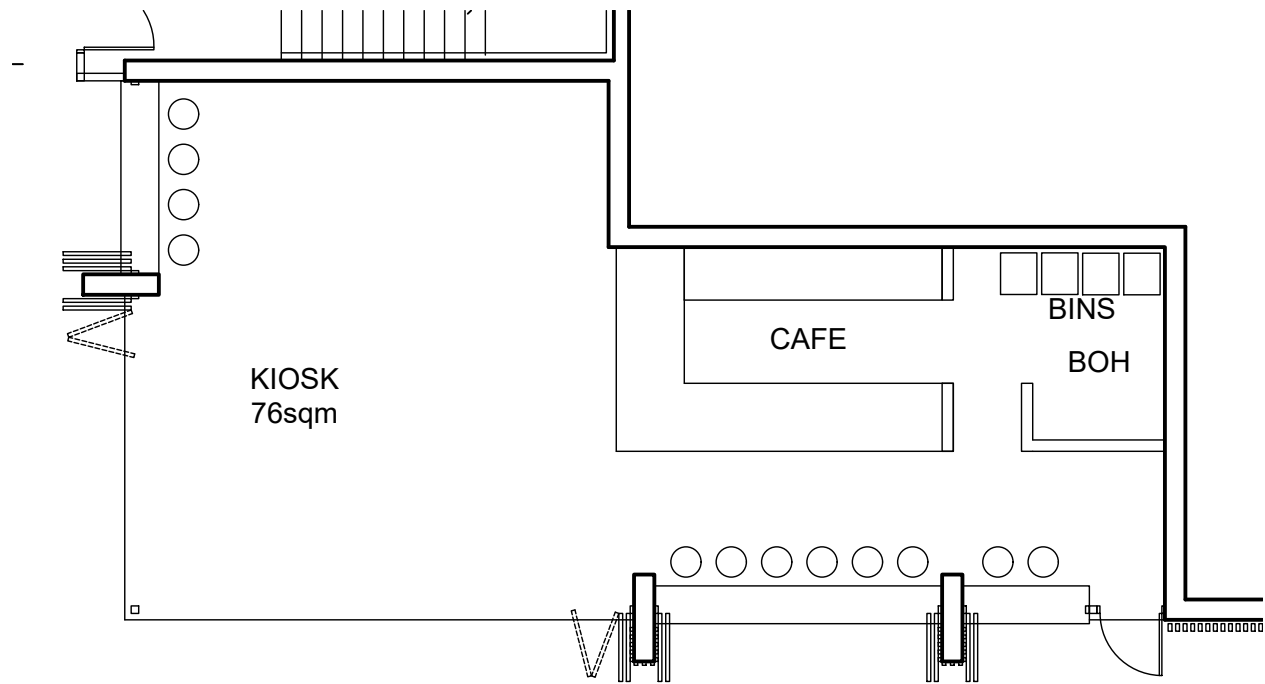
Architectural plans showing waste stores and loading zone

Indicative plan of Kiosk waste bins

Letter from waste contractor

Letter from Club on management of waste areas







**WORKING FOR THE FUTURE**

29/5/17

North Cronulla Surf Club

50 Mitchell Road

CRONULLA NSW 2229

Attention: Geoff Budd

Ph: 02 9523 5846

Mbl: 0418 230 465

Email: [president.budd@northcronullaslsc.com.au](mailto:president.budd@northcronullaslsc.com.au)

Good Morning Geoff

Regarding the 660 litre Waste and Recycling collection services for North Cronulla SLSC, REMONDIS Australia (Taren Point) Pty Ltd have no issue moving bins 60 metres from the Garbage Store to the road for collections on a daily bases.

Regards

A handwritten signature in black ink, appearing to read "C. Haynes Lovell", written over a light blue horizontal line.

Craig Haynes Lovell

Operations Manager

Mbl: 0438 235 829

REMONDIS Australia (Taren Point) Pty Ltd // ABN: 89 061 560 138 //

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# North Cronulla Surf Life Saving Club Inc.

ABN 16 613 859 423

AFFILIATED WITH SYDNEY BRANCH INC. OF SURF LIFE SAVING AUSTRALIA LIMITED

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28<sup>th</sup> January 2019

Dear Lauren,

In response to the questions raised in Sutherland Shire Council letter dated 10<sup>th</sup> January 2018, North Cronulla Surf Life Saving Club can confirm the following.

Current waste management operations at the surf club include the commercial supply of a secure 240 litre recycling bin to manage the responsible handling and recycling of paper and cardboard waste by our office staff. The bin is collected on an average cycle of once every eight weeks based on current demand. This practice will continue post development.

General waste is managed via the use of 5 \* 240 litre council supplied general waste bins that are collected by council waste trucks and per existing council waste collection process for the building. The number bins and frequency of weekly collection is based on demand and typically is one to two bins during winter months and increases to three to four during summer months. The bins are currently stored within surf club complex in open space and the placement, collection and management of these bins is part of caretaker's duties and responsibilities. The practise will be updated post development with the council general waste bins to be located in the dedicated surf club garbage room within the new gear complex.

Recycling of bottles and cans is managed via third party Return and Earn process and that is currently on a weekly recovery cycle with one locked 240 litre in use. This practice will continue post development and this bin will be stored in the dedicated surf club garbage room within the new gear complex.

The new surf club garbage room or waste store will be designed and built as per specifications and standards outlined in the Waste Management Plan (WMP) for Operational Waste supplied as part of DA package.

Yours sincerely,

Craig McKinnery

Deputy President

North Cronulla S.L.S.C.



*Vigilance & Service*

