

# **DICKENS SOLUTIONS**

**(REF – 23010)**

## **WASTE MANAGEMENT PLAN**

### **BONUS ARCHITECTS** **(NORTHERN BEACHES COUNCIL)**

#### **REFURBISHMENT EXISTING** **COMMUNITY FACILITY** **(FRESHWATER SURF CLUB)**

#### **@** **LOT 21, KOOLOORA AVENUE** **FRESHWATER**

**MAY 2023**

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# **PART 1 – OVERVIEW AND PROPOSAL**

## **1.1 INTRODUCTION**

This Waste Management Plan (WMP) is an operational plan that describes in detail the manner in which all waste and other materials from the demolition, construction and on-going use of the building on the site are to be dealt with.

The aims and objectives of this WMP are to:

- a) Demonstrate that all waste management activities will be sustainable, service focussed, efficient and effective, economically viable, socially acceptable and of benefit to all stakeholders;
- b) Satisfy all State and Local Government regulatory controls regarding waste management and minimisation practices;
- c) Promote the use of recyclable materials in the excavation, demolition, construction and on-going operation of the building;
- d) Maximise waste reduction, material separation, and resource recovery in all stages of the development;
- e) Ensure the design of waste and recycling storage facilities are of an adequate size, appropriate for the intended use of the building, hygienic with safe and manoeuvrable access;
- f) Ensure that the provision of waste and recycling services to the completed building is carried out in an efficient manner, which will not impact negatively on the health, safety and convenience of all stakeholders.

The land on which the development is proposed is situated in the Northern Beaches (former Warringah) LGA.

This WMP is prepared in accordance with: -

- Warringah Local Environmental Plan 2011;
- Warringah DCP 2011 and relevant waste management guidelines;
- All conditions of consent to be issued under the approved Development Consent,
- The 'Better Practice Guide for Resource Recovery in Residential Buildings, published by the NSW EPA (April 2019), and,
- The objective of ensuring that all waste management facilities and collection services will provide an outcome that will be efficient, as well as promoting the principles of health, safety, and convenience.

This Waste Management Plan has been prepared for a Development Application to be submitted to the Northern Beaches Council to refurbish the existing Freshwater Surf Club at Lot 21, Kooloora Avenue, Freshwater. The project incorporates:

- The retention of the existing facilities,
- The addition of a new roof over the existing building,
- The addition of a new storey addition at the rear of the existing building which will contain a gymnasium, indoor sporting area, new restaurant, and,
- Associated infrastructure and services.

This Waste Management Plan is dated 3 May 2023 and has been prepared to be submitted to Council as part of the DA Package for the proposed development. The WMP has been developed and documented in accordance with the Architectural Drawings prepared by Bonus Architects – Project No 1104.

## **1.2 DESCRIPTION OF PROPERTY**

<b>PROPERTY DESCRIPTION</b>	The development is to be constructed over land at Lot 21, 9999, Kooloora Avenue, Freshwater
<b>STREET ADDRESS</b>	Lot 21, Kooloora Avenue, Freshwater
<b>AREA</b>	441sqm
<b>ZONING</b>	Zone RE1 – Public Recreation
<b>LGA</b>	Northern Beaches
<b>PLANNING INSTRUMENTS</b>	Warringah LEP 2011 Warringah Development Control Plan 2011

## **1.3 APPLICANTS DETAILS**

<b>APPLICANT</b>	Northern Beaches Council C/- Bonus Associates Architects Att. Mr. Geoff Bonus Level 1, 597 Darling Street, Rozelle. NSW. 2039
<b>TELEPHONE</b>	02 9818 6188
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## **1.3 PROPOSAL**

The proposal development includes the refurbishment refurbish the existing Freshwater Surf Club at Lot 21, Kooloora Avenue, Freshwater. The project incorporates:

- The retention of the existing facilities,
- The addition of a new roof over the existing building,
- The addition of a new storey addition at the rear of the existing building which will contain a gymnasium, indoor sporting area, new restaurant, and,
- Associated infrastructure and services.

These alterations and additions to the existing FSLSC building include the following:

To the existing 1935 building:

- Refurbishment of and improvements to the existing internal and external building fabric, and
- extension of the existing Level 2 decking

To the 1986 Clubhouse extension:

- Level 1 - expansion of the existing basement storage area,
- Level 2 - removal of existing public changerooms and amenities, increase in size recreation hall, provision of a restaurant and café, and new toilet facilities for use in conjunction with the clubhouse public spaces,
- Level 3 - new training rooms, gymnasium, and refurbished Caretaker's Apartment, and,
- Installation of a new roof, a passenger lift serving all three levels and other alterations to provide equitable access.

To the Existing 2009 Clubhouse Entry and Heritage Room:

- Demolition of existing structure and construction of a new infill building to provide a new club entry along with a multi-purpose hall, a double height space

to be used for functions and exhibitions, including as a Museum of Surf in the northern beaches of Australia.

Vehicular access to the site is off an existing car park located at the eastern end of Kooloora Avenue, with a number of pedestrian access points in surrounding streets.

Waste storage facilities will be located on the ground floor (**Level 1**) of the site as detailed herein.

All waste and recycling services to the development will be provided by a licensed private waste and recycling collection contractor.

The project consists of: -

- a) Demolition works,
- b) Refurbishment and construction work,
- c) The provision of associated infrastructure, landscaping, driveways, concrete pathways and other elements of the development; and,
- d) The on-going use of the building.

## **PART 2 – DEMOLITION & CONSTRUCTION**

### **2.1 DEMOLITION – GENERALLY**

The demolition stage of the development comprises of the following activities, and involves:

- Demolition and removal of existing non-load bearing walls and partitions, facilities, columns, and existing steps on the ground floor (Level 1),
- Demolition and removal of existing non-load bearing walls and partitions, doors, internal walls and associated facilities, balcony and columns on Level 2,
- The removal of other miscellaneous materials excess to construction requirements, and,
- The demolition and removal of existing plumbing and drainage, services, and redundant electrical equipment.

### **2.2 CONSTRUCTION – GENERALLY**

The construction stage of the development comprised of the following activities, and involves:

- Ground floor (Level 1) construction incorporating, alterations to existing storage areas, construction of internal walls for new storage areas including boat and trailer areas, new vehicular access, club amenities, new lift, equipment storage, associated infrastructure, and provision for waste storage areas,
- On Level 2, a new café and kitchen, badminton courts and recreation area, new amenities, office and reception area, minor upgrade to existing Museum of Surf, new club room and members lounge, new timber deck and balcony extension, glass balustrade, and associated infrastructure,
- Construction of new Level 3, containing a gymnasium, one (1) bedroom residence, office, meeting room and training rooms, store and new lift, and a void over the recreation area below,
- New bar areas,
- New structural works – columns,
- Associated carpentry and joinery work,
- Tiling and specialist services,
- Electrical and IT services, communication provisions, cabling, and,
- Masonry, brickwork, and finishing.

All activities associated with removal and disposal of materials excess to the construction process will be processed and or disposed of at an approved facility or facilities. It is considered that the majority of materials involved in both the demolition and construction processes have the ability to be reused or recycled.

All materials used that are not required to be incorporated into it, shall be recycled, reused or disposed of in accordance with the requirements of the Protection of the Environment Operations Act (1997). It will be the developer's overall responsibility to ensure compliance in this regard.

Additionally, during both stages, every effort will be made to reduce and minimise the amount of building materials excess to construction.

Mobile Bins of an appropriate size will be located on site for the collection of food scraps, beverage containers, and other waste generated on site by workers.

## **2.3 CONSTRUCTION – RECYCLING, REUSE & DISPOSAL DETAILS**

The following Table (Table 1- Processing and Disposal details – Materials Excess to Construction) on page 6 details prescribe the manner in which all materials surplus to the construction of the building will be dealt with, and includes: -

- a) An estimate of the types, volumes and weight of materials and recyclables to be generated;
- b) The estimated total percentage of waste surplus to construction to be reused or recycled; and,
- c) Destination and reuse details.

**TABLE 1 – PROCESSING AND DISPOSAL DETAILS –  
DEMOLITION & MATERIALS EXCESS TO CONSTRUCTION**

Waste Type	Volume	Weight	Estimated % to be Recycled	Destination & Reuse
Excavation material	Nil	N/A	N/A	All materials to be processed off site at a licensed facility that is approved to accept the material specified.
Timber	10.0	4.80	80%-90%	
Concrete	2.50	N/A	N/A	
Bricks	15.0	6.00	80%-90%	
Tiles	2.0	1.50	80%-90%	
Metal	5.0	1.75	75%-90%	
Glass	10.0	1.50	50%-60%	
Furniture	Nil	N/A	N/A	
Fixtures and fittings	10.0	3.50	80%-90%	
Floor coverings	Nil	N/A	N/A	
Packaging, Pallets	Nil	N/A	N/A	
Garden organics	Nil	N/A	N/A	
Containers	Nil	N/A	N/A	
Paper/cardboard	5.0	0.25	80%-90%	
Residual waste	10.0	10.00	Nil	
Hazardous Waste	Nil	N/A	N/A	
Other (specify)	N/A	N/A	N/A	

It is noted that the quantities of materials detailed above are estimates only, based on current industry standards and quantity analysis, and may vary due to the prevailing nature of construction constraints, and any other unforeseeable activities associated with the construction works.

Notwithstanding any of the above, the developer will provide Council with all details in relation to any major variations in this regard.

The facilities and agencies that receive the materials listed above are to be a facility or agency that is licensed to accept the materials specified.

The developer understands that any costs associated with the transportation and receipt of these materials will be their responsibility.

The developer will keep a written record of all documentation associated with the transportation, disposal and processing of all materials associated with the demolition of all structures on site as well as materials excess to construction.

Based on the above information, it is anticipated that between 75% and 85% of all materials excess to construction needs will be able to be recycled or re-used, well above the Council's required targets.

#### **2.4 LICENSED WASTE MANAGEMENT AND RECYCLING FACILITIES.**

The facilities nominated below are appropriately licensed to receive the materials nominated in Table 1 of Part 2.3 on page 7.

1. Blacktown Waste Services, 920 Richmond Road, Marsden Park.  
Tel 9835 4544
2. Bingo Industries, 3-5 Duck Street, Auburn, or 38 McPherson Street, Banksmeadow.  
Tel 1300 424 646
3. Brandown, Lot 9 Elizabeth Drive, Kemps Creek.  
Tel 02 9826 1256
4. Jacks Gully Waste Management Centre, Richardson Road, Narellan.  
Tel 1300 651 116
5. Lucas Heights Waste Management Centre, New Illawarra Road, Lucas Heights.  
Tel 1300 651 116
6. Suez Eastern Creek Resource Recovery Park, Wallgrove Road, Eastern Creek. Tel 8887 6112

The facilities and agencies that receive the materials listed above are, licensed and generally able, to accept the materials specified.

The appointed contractor understands that any costs associated with the transportation and receipt of these materials will be their responsibility.

The appointed contractor is under no obligation to use any nominated facility or agency, but should any alternative arrangements be made, it will be the developers' responsibility to ensure that all demolished materials removed from the site are disposed of, or processed, appropriately.



## **PART 3 – ON GOING USE OF BUILDING**

### **3.1 OBJECTIVES**

1. To ensure that the storage, amenity and management of waste is sufficient to meet the needs of the development.
2. To ensure that all waste management activities are carried out effectively and efficiently, and in a manner that promotes the principles of health, safety and, convenience.
3. To promote waste minimisation practices.

### **3.2 ASSUMPTIONS**

In preparing this proposal, the following assumptions have been made: -

1. The proposal development includes the refurbishment refurbish the existing Freshwater Surf Club at Lot 21, Kooloora Avenue, Freshwater. The project incorporates:
  - a) The retention of the existing facilities,
  - b) The addition of a new roof over the existing building,
  - c) The addition of a new storey addition at the rear of the existing building which will contain a gymnasium, indoor sporting area, new restaurant, and,
  - d) Associated infrastructure and services.
2. Vehicular access to the site is off an existing car park located at the eastern end of Kooloora Avenue, with a number of pedestrian access points in surrounding streets.
3. Land use activities primarily involve those associated with the social aspects of a licensed community facility, including bistro and dining areas, bar areas, café, kitchen and amenities, reception area, offices and storage areas all used as ancillary facilities to the use and operation of the existing Surf Life Saving Club.
4. One dedicated Bin Room will be provided for the entire facility.
5. The Bin Room in the north-western corner of Level 1 adjacent to the vehicular access into the building as indicated on the Architectural Drawings.
6. The Bin Room will provide storage space for all waste and recycling bins required for the on-going use of the development and is located on Level 1 of the building adjacent to the driveway into the building as indicated on the Architectural Drawings.
7. All waste and recycling bins will be stored within the bin room at all times.
8. All waste and recycling generation rates have been calculated from information provided in the Northern Beaches Waste Management Guidelines as part of the Warringah DCP for non-residential land use activities.
9. For the purposes of the provision of waste management services all facilities and services will be provided as detailed in Part 4.5 and Part 4.6 on page 14
10. In order to meet Council's servicing requirements, the following number of bins will be provided for the development:
  - a) 5 x 1100-litre waste bins,
  - b) 3 x 1100-litre recycling bins.
11. All waste services will be provided three (3) times per week.
12. All recycling services will be provided two (2) times per week.
13. A licensed private waste and recycling collection contractor will provide all waste and recycling services to the development.

14. All waste and recycling bins will be serviced from a waste collection area located adjacent to the Bin room from the access lane.
15. The Club will appoint a Building Manager/Caretaker whose responsibility it will be to oversee all waste management activities for the entire development.

### **3.3 WASTE HANDLING & MANAGEMENT**

Appropriately sized receptacles will be provided at strategic locations throughout the venue. Club staff provide table service and regularly monitor these areas.

Club employees will be responsible for transporting and depositing this waste and recycling material into the appropriate bins within the Bin Room.

Appropriate signage will be erected in prominent locations within the building to assist both employees and patrons in the efficient management of waste.

Unrestricted access to the WSA will be provided at all times for a representative of either the club, Building Manager or their authorised representative so that waste and recycling material can be deposited within the appropriate bins at any time.

Access to the WSA will be restricted to authorised personnel only.

No green waste services will be provided to any of the buildings. It will be the responsibility of the Proprietor to dispose of any green waste generated on that site.

### **3.4 PROVISION OF WASTE & RECYCLING SERVICES**

#### **3.4.1 Details of Land Use Activities**

For the purpose of calculating waste and recycling generation rates for the development, the land use activities intend comprise of:

- Level 1 – Storage areas and amenities,
- Level 2 – Café, indoor sporting areas, office and reception, amenities, surf museum, kitchen, members lounge and bar area, and storage,
- Level 3 – Caretakers residence, gymnasium, storage areas, office, meeting and training rooms, and,
- Associated infrastructure.

The total area of all of the above provides a floor area of 2,045sqm, comprising of:

- Level 1 – Storage Areas, Lockers and Amenities – 857qm,
- Level 1 – Restaurant (Back of House) – 60sqm,
- Level 2 – Offices, Museum of Surf – 144sqm,
- Level 2 – Restaurant – 186sqm,
- Level 2 – Club Room, Bar Areas, Members Lounge – 350sqm,
- Level 2 – Café – 62sqm,
- Level 2 – Active Recreation Areas – 255sqm,
- Level 2 – Gymnasium – 78sqm, and,
- Level 3 – Caretakers Residence – 90sqm, and,
- Level 3 – Office, Meeting and Training Rooms and Storage – 277sqm.

#### **3.4.2 Waste & Recycling Generation Rates**

The Table below (Table 1) details the waste and recycling generation rates for the commercial land uses proposed.

All waste and recycling generation rates have been calculated from information provided in the Northern Beaches Waste Management Guidelines – Part 5.4 – Waste Generation Rates for Non-Residential Developments.

**TABLE 1 – WASTE & RECYCLING GENERATION RATES FOR RESTAURANTS**

<b>SERVICE</b>	<b>LAND USE</b>	<b>WASTE &amp; RECYCLING GENERATION RATES</b>
<b>Waste</b>	Storage	10-litres of waste per 100sqm of floor area per day
<b>Recycling</b>	Storage	10-litres of recyclables per 100sqm of floor area per day
<b>Waste</b>	Offices, Meeting and Training Rooms	10-litres of waste per 100sqm of floor area per day
<b>Recycling</b>	Offices, Meeting and Training Rooms	10-litres of waste per 100sqm of floor area per day
<b>Waste</b>	Recreation Areas / Gymnasium	50-litres of waste per 100sqm of floor area per day
<b>Recycling</b>	Recreation Areas / Gymnasium	10-litres of waste per 100sqm of floor area per day
<b>Waste</b>	Restaurant	660-litres of waste per 100sqm of floor area per day
<b>Recycling</b>	Restaurant	200-litres of waste per 100sqm of floor area per day
<b>Waste</b>	Café	300-litres of bin space per week
<b>Recycling</b>	Café	200-litres of bin space per week
<b>Waste</b>	Club Room, Members Lounge	50-litres of waste per 100sqm of floor area per day
<b>Recycling</b>	Club Room, Members Lounge	50-litres of waste per 100sqm of floor area per day
<b>Waste</b>	Caretakers Residence	9-litres of waste per 100sqm of floor area per day
<b>Recycling</b>	Caretakers Residence	3-litres of waste per 100sqm of floor area per day

### **3.4.3 Commercial Waste Service Requirements**

The following table (Table 2) specifies the criteria for waste generation rates (as specified in Part 3.4.2 above).

**TABLE 2 – WASTE GENERATION RATES**

<b>ACTIVITY</b>	<b>FORMULA</b>	<b>CALCULATION</b>	<b>LITRES PER WEEK</b>
Storage	10L per 100sqm of floor area per day	10 x 909 / 100 x 7	636.30
Office, Meeting Rooms	10L per 100sqm of floor area per day	10 x 410 / 100 x 7	287.00
Recreation Areas / Gymnasium	50L per 100sqm of floor area per day	50 x 344 / 100 x 7	1,204.00
Restaurant	660L per 100sqm of floor area per day	660 x 186 / 100 x 7	8,593.20
Café	300L per 100sqm of floor area per day	300 x 62 / 100 x 7	1,302.00
Club Room, Members	50L per 100sqm of floor area per day	50 x 350 / 100 x 7	1,225.00
Caretakers Residence	9L per 100sqm of floor area per day	9 x 90 / 100 x 7	56.70
<b>Total Litres of Waste Generated per Week</b>			<b>13,304.20</b>
<b>Service Requirements</b>		<b>5 x 1100-litre mobile waste bins 3 x Services per Week</b>	
<b>Total Litres of Waste Serviced per Week</b>		<b>16,500-litres Serviced per Week</b>	

**Notes**

1. These calculations include allowances for patrons occupying the lounge, gaming and seating areas, as no specific waste and recycling generation rates are provided for these. For example, after attending the bar patrons will occupy the lounge and gaming areas.
2. All waste generation include general waste as well as waste derived from food and beverage, as Council's waste generation rates apply to all waste generated from these activities

All waste services will be provided by a licensed private waste contractor.

One (1) service provider will be responsible for the provision of all waste services. doing all services.

Commercial arrangements for the provision of all waste services are to take place generally, in accordance with the abovementioned provisions.

Alternate bins sizes and, or collection frequencies, may be employed to achieve these rates. However, appropriate records are to be maintained to ensure that all service requirements are achieved.

All waste services are to be undertaken in a manner that will not adversely impact on the principles of health, safety or convenience.

A Service Agreement will be entered into between the Venue owners and the appointed Contractor describing the manner in which all waste services will be provided. A copy of this agreement will be provided to the Council upon request.

### **3.4.4 Commercial Recycling Service Requirements**

The following table (Table 3) specifies the criteria for commingled recycling generation rates (as specified in Part 3.4.3 on page 11).

**TABLE 3 – RECYCLING GENERATION RATES**

<b>ACTIVITY</b>	<b>FORMULA</b>	<b>CALCULATION</b>	<b>LITRES PER WEEK</b>
Storage	10L per 100sqm of floor area per day	10 x 909 / 100 x 7	636.30
Office, Meeting Rooms	10L per 100sqm of floor area per day	10 x 410 / 100 x 7	287.00
Recreation Areas / Gymnasium	10L per 100sqm of floor area per day	10 x 344 / 100 x 7	240.80
Restaurant	200L per 100sqm of floor area per day	200 x 186 / 100 x 7	2,604.00
Café	200L per 100sqm of floor area per day	200 x 62 / 100 x 7	868.00
Club Room, Members	50L per 100sqm of floor area per day	50 x 350 / 100 x 7	1,225.00
Caretakers Residence	3L per 100sqm of floor area per day	3 x 90 / 100 x 7	18.90
<b>Total Litres of Waste Generated per Week</b>			<b>5,880.00</b>
<b>Service Requirements</b>		<b>3 x 1100-litre mobile waste bins 2 x Services per Week</b>	
<b>Total Litres of Waste Serviced per Week</b>			<b>6,660-litres Serviced per Week</b>

**Notes**

1. These calculations include allowances for patrons occupying the lounge, gaming and seating areas, as no specific waste and recycling generation rates are provided for these. For example, after attending the bar patrons will occupy the lounge and gaming areas.
2. All recycling generation include general recycling as well as waste derived from food and beverage, as Council's recycling generation rates apply to all recycling generated from these activities

All commingled recycling services will be provided by a licensed private waste contractor.

One (1) service provider will be responsible for the provision of all recycling services, with the exception of the bottle recycling, which will be done separately.

Commercial arrangements for the provision of all recycling services are to take place generally, in accordance with the abovementioned provisions.

Alternate bins sizes and, or collection frequencies, may be employed to achieve these rates. However, appropriate records are to be maintained to ensure that all service requirements are achieved.

All commingled recycling services are to be undertaken in a manner that will not adversely impact on the principles of health, safety or convenience.

A Service Agreement will be entered into between the Venue owners and the appointed Contractor describing the manner in which all recycling services will be provided. A copy of this agreement will be provided to the Council upon request.

### **3.5 WASTE STORAGE FACILITIES**

A Bin Storage Area (BSA) is provided for the storage of all waste and recycling bins associated with the use and occupation of the facility.

The BSA is located in the north-western corner of the ground floor (**Level 1**) as indicated on the Architectural Drawings. It is an enclosed rectangular structure measuring 7.0m x 3.5m with an area of 24.5sqm. Within its confines will be space for the storage of:

- 5 x 1100-litre mobile waste bins,
- 3 x 1100-litre mobile recycling bins, and,
- An area for the storage of bulky waste items (cardboard, etc).

In each of the bar areas there will be an appropriate number of receptacles for the storage of empty bottle waste generated from the bar and dining floor areas.

The Proprietors will be responsible for ensuring that all waste and recycling services are undertaken in an efficient manner that will promote the principles of health, safety and convenience and not impact negatively on the amenity of the complex and its surrounds.

### **3.6 WASTE AND RECYCLING COLLECTIONS**

All waste and recycling services, will be provided by a licensed private waste and recycling collection contractor, using a rear loading collection vehicle, that will enable all collections to be carried out effectively and efficiently, and in a manner that will aim not impact negatively on the principles of health, safety or convenience.

All waste and recycling services are to take place from the access driveway into the building.

Services will be provided between 5.00am and 7.00am on each collection day when both pedestrian and vehicular activity will be minimal. Additional collection noise should not be an issue due to the ambient background noise being higher due to the proximity of the beach and ambient noise generated through the local area.

All services are to be undertaken in an efficient manner that will promote the principles of health, safety and convenience and not impact negatively on the amenity of the complex and its surrounds. All waste and recycling bins will be returned to the Commercial WSA immediately after they have been serviced.

It is also suggested waste and recycling services be provided on separate days according to the following schedule:

- Waste Services – Monday, Wednesday and Friday, and,
- Recycling Services – Tuesday and Friday.

### **3.7 ON GOING OPERATION, USE & MAINTENANCE OF WASTE MANAGEMENT FACILITIES**

All waste management facilities will be maintained in a clean and hygienic condition that will promote the principles of health, safety and convenience.

In order to achieve these objectives, the following facilities and devices will be required: -

1. The walls and floors of all waste storage facilities are to be constructed of smooth faced masonry or concrete, and all walls will be painted with light coloured and washable paint.
2. The junction between all floors and walls will be coved and sealed up to 100mm above the floor level, in order to eliminate the build-up of dirt and grime.
3. A floor waste, connected to the Sydney Water drainage system in accordance with that Authority's requirements, will be provided to the Waste Storage Area (WSA), and the floor will be graded to drain into them.
4. Appropriate washing facilities will be provided to the WSA, including appropriate plumbing and drainage fixtures and fittings, and the provision of running water.
5. The WSA is to be washed and cleaned on a regular basis.
6. All mobile bins will be washed and cleaned on a regular basis.

7. All electrical equipment, including the provision of lighting, will be installed in accordance with the relevant Australian Standards.
8. Natural and mechanical ventilation will be required to be installed within all waste storage facilities in accordance with the relative provisions of the Building Code of Australia.
9. Appropriate signage will be displayed in a prominent position clearly identifying the location of all waste storage facilities.
10. Appropriate signage will be erected in suitable locations, providing instruction to club staff on how to use waste and recycling facilities, including what is and what is not recyclable.
11. The Club will be responsible for ensuring that all waste and recyclable matter and materials are placed and stored within the appropriate containers provided.

## **PART 4 – SUMMARY**

### **4.1 SUMMARY**

In summarising this proposal, the following information is provided:

1. This Waste Management Plan has been developed and documented in accordance with Council requirements.
2. The WMP has been developed and documented in order to meet the requirements of all of Council's policies in relation to the provision of waste management facilities.
3. The number and size of bins have been calculated from information provided by the Council.
4. All waste and recycling services will be provided by a licensed private waste and recycling collection contractor.
5. The proprietor of the bar will be responsible for ensuring that all on-going waste management activities are carried out in accordance with the provisions of this Waste Management Plan.

The measures set out in this WMP aim to demonstrate that all such activities will be carried out effectively and efficiently, in a healthy, safe and convenient manner, to acceptable community standards, and to the requirements of the Northern Beaches Council.

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