

OPERATIONAL WASTE MANAGEMENT PLAN

RFS MONARO FIRE CONTROL CENTRE

24 08 2023

Rev A

SITE LOCATION

The proposed RFS Monaro site is located on the outskirts of Cooma in south-western New South Wales. The locality functions as an industrial precinct and has good access to the regional road network via the Monaro Highway.

EXISTING SITE DESCRIPTION

The site is on a relatively flat vacant lot forming part of a disused airstrip owned by Snowy Hydro Ltd identified as Lot 14 DP 150029. The address is 9 Polo Flat Road, Polo Flat. The site is proposed for subdivision with access to the FCC site to be facilitated via a new road off Geebung Street. The 1.9 ha site is rectangular and rises 1 gradient to the south east. The site is located opposite an existing Rural Fire Control Centre at 3-15 Geebung St, Polo Flat.

DESIGN PROPOSAL

The design requires the cut and fill of soil to provide the required levels for the FCC, storage sheds, aircraft hangar and helipad. The design levels have been calculated to minimize removal of spoil from site.

The proposed development consists of a helipad and three buildings: a Fire Control Centre (FCC) with a communications tower, a Stores building serving the FCC, and an aircraft hangar for storing a helicopter and associated office and pilot accommodation. There are 38 car parking spaces, and an allowance for an additional 23 vehicles in overflow parking zones. The design incorporates a driveway with hardstands and turning bays to facilitate the maneuvering of two heavy vehicle types through the site; an 8.8 m long Medium Rigid Vehicle (MRV) Category 1 fire truck and a 20 m long Articulated Vehicle (AV). The Stores building will have 7 truck bays. During normal operations, the site will have an occupancy of approximately 75 people, which may increase to 100 people during operational campaign events.

DESIGN & CONSTRUCT CONTRACT

The project shall be tendered by selected design & construct contractors on a 100% complete set of documents. Estimates of demolition and construction waste shall be confirmed by the contractor. The contract documentation shall require that the contractor disposes of waste in accordance with all relevant statutory requirements.

OPERATIONAL WASTE**STAKEHOLDER ROLES AND RESPONSIBILITIES**

Role	Responsibilities
Centre operator	<ul style="list-style-type: none">• Providing staff/contractors with equipment manuals, training, health and safety procedures, risk assessments, and PPE to control hazards associated with all waste management activities• Ensure safety of staff and visitors• Abide by all relevant regulations and guidelines• Clean and maintain bins• Clean and maintain bin storage area• Organize waste pick-ups as necessary
Staff / Visitors	<ul style="list-style-type: none">• Dispose of all waste in the bins provided• Separate waste to the appropriate bins

Snowy Monaro Regional Council waste collection service	<ul style="list-style-type: none"> Provide regular bin collections
Gardener	<ul style="list-style-type: none"> Remove all garden waste generated for recycling off site

ESTIMATED WASTE VOLUMES AND PROVISIONS

The garbage generation rates in the table below are based on State Government calculation rates for commercial development waste and recycling.

Area type	GFA (m ²)	Garbage generation rate (L/100m ² /day)	Generated Garbage (L/wk)	Recycling generation rate (L/100m ² /day)	Generated recycling (L/wk)
Education/Training	179	5	63	5	63
Office/Canteen	697	10	488	10	488
Warehouse/Store	812	10	568	10	568
	1688		1119		1119

BIN SUMMARY

Based on the estimated volume of waste generated by the facility in the above table and advice received from Council's waste services manager stating that Council provide a weekly collection service for garbage and fortnightly for recycling, the recommended bin quantities and servicing frequencies are as follows:

General waste: 5 x 240 L MGBs collected weekly

Recycling: 10 x 240 L MGBs collected fortnightly

It is recommended that at least 5 x 240 L MGBs for recycling are allocated for paper/cardboard, and the remaining recycling bins are allocated for commingled recyclables as required. Bin sizes, quantities, and/or collection frequencies may be modified by the building manager once the proposed development is operational.

WASTE DISPOSAL PROCEDURES

Perishable waste 240 litre bins (red) and recyclable waste 240 litre bins (yellow) shall be distributed around the site in strategic locations. Prior to the scheduled bin collection day, the bins will be taken by staff members to the external bin store.

Food handling for cooked or prepared food that is served and consumed on site will produce a typical waste composition of food scraps from plates, packaging waste and some plastics. Staff frequenting the BBQ area and other meal rooms will be responsible for their own back of house (BOH) waste management during daily operations.

To ensure the proper management and disposal of waste, the operator must be made aware of the following practices:

- All general waste should be bagged, and garbage bins should be plastic-lined.
- Bagging of recyclables is not permitted.

- All interim waste storage is located BOH during operations.
- All flattened cardboard will be collected and removed to the allocated storage bin.

Washrooms

Sanitary bins to be provided and collected by an appropriate contractor. Hand dryers shall be provided to negate paper hand towel waste.

BIN STORAGE

The external Bin Store is located to the south of the Stores Building on a designated strip of concrete pavement adjacent to the facility's driveway exit gate. It shall accommodate the MGBs outlined above and additional skip bins as required by the operator. The Bin Store area is 44 m². Refer Architectural drawings 103 and 201.

WASTE COLLECTION PROCEDURE

It is anticipated that a Council contractor will enter the facility via truck and empty the waste and recycling bins from the external bin store location as per Council's bin collection procedure outlined above.