

Waste Management Plan



a. On-site waste collection

Corner Inlet College adopts the Australian Standard for bin colours.

Each classroom houses 3 x 30L bins for each:

Red, Landfill rubbish,





Blue, Paper and cardboard, and

Yellow, Recyclables.

Lime Green, Green waste, food waste and organics bins will be located on each classroom exterior for food scraps, to be emptied daily into 2 x 150L composting bins located within the vegetable garden perimeter.

CIC has 1 x 240L Green waste bin for leaves, prunings, weeds will be located in the timber bin screening. (This 240L council bin is not for food scraps).

These standards were established in 2006 (see AS 4123-2006 part 7). Using standard bin lid colours and coordinating signs ensures increased recycling and waste diversion through consistent and frequent visual reinforcement and colour association. It also means that what happens at school mimics the kerbside system at home – yellow bin for recycling, green bin for organics and red bin for waste.

Material	Lid Colour	Example
Landfill Rubbish	Red	 Garbage
Paper and cardboard	Blue	 Cardboard
Green waste, food waste and organics	Lime Green	 Garden waste
Recyclables	Yellow	 Recycling

b. Anticipated volumes of waste and recycling that will be generated and how they are determined.

It is anticipated each person will generate 0.4L of waste and 0.2L of recycling, per day.

Waste $0.4 \times 102 = 40.8$ L / day. This equates to 204 L / week.

Recycling $0.2 \times 102 = 20.4$ L / day. This equates to 102 L / week.

As part of our waste management plan, quarterly waste audits will be conducted in order to assess how waste can be reduced.

c. The type and number of waste bins.

South Gippsland Shire Council's commercial garbage and recycling service is provided to Corner Inlet College. This includes weekly collection of 1 x 240L garbage bin, 1 x 240L recycle bins, and 1 x 240L Green Waste bin.

South Gippsland Shire Council annual commercial fees for Garbage and Recycling: \$412.65, and Green waste: \$106.30.

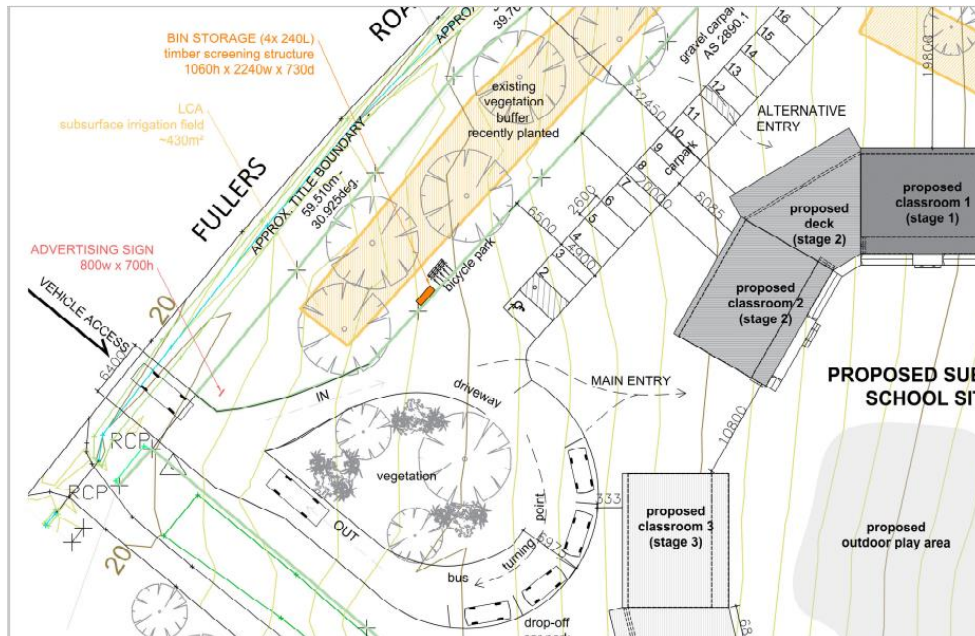
d. The type and size of trucks required for waste collection.

South Gippsland Shire Council contract a waste collection vehicle (truck) that will empty 2 x 240L waste and recycling / green waste bins by roadside collection.

e. Bin storage and collection Plan

1 x 240L rubbish, 1 x 240L recycling, and 1 x 240L green waste council collections bins will be stored in a solid timber screening structure. These will be placed on the roadside every Tuesday morning for kerbside collection.

240L bins will be stored in the screened location identified below (in red):



f. Frequency of waste collection.

Waste at Corner Inlet College is collected every Tuesday with recycling and green waste collection alternating every second week.

g. Hours for waste collection.

At Corner Inlet College, the waste collection vehicles collect garbage, recycling and green waste between the hours of 10am and 3pm.

What items can go in my bins?

Recycling	Garbage	Green Waste
<ul style="list-style-type: none"> • Rigid plastics codes 1 - 7 • Cardboard & paper • Glass bottles and jars • Aerosols & tin cans • Aluminium foil & cans 	<ul style="list-style-type: none"> • Household garbage • Food scraps • Wrapped noxious weeds • Clothing and fabric 	<ul style="list-style-type: none"> • Garden prunings • Grass clippings • Weeds • Small logs and raw timber offcuts (up to 10cm in width & 30cm length) • Leaves
<ul style="list-style-type: none"> • No plastic bags, plastic wrap, polystyrene • No pyrex, crockery or broken glass • No garbage • No green waste or food scraps • No nappies • No clothing or fabric 	<ul style="list-style-type: none"> • No recyclables • No green waste • No chemicals • No trade waste • No electronic/electrical items • No batteries • No light globes • No liquids 	<ul style="list-style-type: none"> • No household garbage or food scraps • No bricks, rubble, sand or dirt • No plastic bags • No plant pots • No large logs or stumps • No treated or painted timber

CIC Nude Food Policy

Nude food, is bringing snacks, recess and lunchtime food to school without the extra packaging. Up to 50% of items in school bins come from food and drink packaging.

A WasteNet survey conducted by the Gould League in 1996 it was found that schools on average produce 33 tonnes of waste per year. We can have a significant impact on landfill by simply avoiding the use of cling wrap, juice boxes, plastic water bottles and all unnecessary packaging.

Although many students now have a reusable drink bottle, plastic water bottles make up part of the waste from schools. Always, always pack a reusable drink bottle – keep your child hydrated, support our environment and avoid exposure to plastic chemicals.

Up to 50% of items in school bins come from food and drink packaging. You can help the environment and your school save money on waste disposal costs.

PACK:

- ✓ Snacks in reusable containers
- ✓ Drinks in a reusable bottle
- ✓ Reusable utensils when needed
- ✓ A reusable lunchbox or backpack

AVOID:

- ✗ Plastic bags, cling film or foil
- ✗ Disposable drink boxes, cans, cartons and bottles
- ✗ Disposable forks and spoons
- ✗ Pre-packaged lunches or single serve items

Image taken from 'Nude food for families', South Australia Government

Communication

To ensure compliance with waste collection, communication with students, staff and families will occur by the following means:

- Curriculum: The sustainability cross-curriculum priority of the Australian Curriculum will help drive the program
- School newsletter: Including regular progress updates and articles on new initiatives
- Assemblies: Rewarding students and classes who have performed in an outstanding way. Announcing new goals and programs
- Posters: Display student-created posters to serve as reminders for particular actions, for example, double sided printing. Rotate posters regularly.
- Annual reports: Include a chapter or section on our school's waste management efforts.
- Website: Add a page for waste management on our website, and keep it up to date with all the latest news and activities
- Intranet articles: Regularly update the news section of the school intranet to reflect the latest Waste news and programs
- Parent/guardian - teacher information nights: Tell parents and guardians what the school aims to achieve and how they, and their child/ ren, can help make it happen
- Staff training days: As part of any staff induction, all participants will be informed of the school's waste practices and expectations regarding the disposal of waste on site. Encourage teaching staff to attend professional development days targeting waste and sustainability education
- School events - e.g. awards nights, concerts: When advertising, and at the start of each event, tell the community what is expected for waste management – perhaps borrowing the tagline 'Do the right thing, use the right bin'.
- Social media: Use social media to promote the success of current programs and the initiation of new programs.
- Waste related events - e.g. Zero Waste Food Day, swap days: Participating in waste related events is a great way to highlight the importance of our waste reduction, recycling and reuse programs to the broader school community. Eg. Nude Food Day once a term, or incorporating a swap meet into a school fete.

Quarterly Waste Audit

To calculate CIC's waste and reduce our waste, a quarterly waste audit will be conducted each term. A waste audit calculates the volumes and types of waste our school generates. It is a powerful tool to identify the main sources of waste in our school in order to implement change. Audit a representative sample of school waste, directly after lunch.

Here are the steps to conduct a waste audit:

1. Label large buckets or tubs with the waste categories of office white paper, compostable organic waste (fruit and vegetable scraps), recyclable paper and cardboard, recyclable containers (drink bottles and cans), and mixed waste (non-recyclable).
2. Spread out a large plastic tarpaulin, placing the containers on the corners.
3. Allocate recorders to record weights and keep a tally of the number of tubs per category.
4. Equip the students with plastic gloves and tongs.
5. Tip the contents of the selected bins onto the tarpaulin.
6. Sort the waste into the waste stream categories.
7. Weigh the contents of each tub and record the weights.
8. Tally the number of tubs to calculate volumes of waste.
9. Calculate the percentages of each waste category based on weight and volume.
10. Analyse and evaluate the results and propose strategies for reducing waste.

