



APPENDIX 5: WASTE MANAGEMENT PLAN

Traffix Group

Waste Management Plan

Genazzano FCJ College
301 Cotham Road, Kew

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Genazzano FCJ College

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1. Introduction

Traffix Group has been engaged by Genazzano FCJ College to prepare a Waste Management Plan (WMP) for the school at 301 Cotham Road, Kew.

This Waste Management Plan is intended to act as a guideline for the school and may be subject to ongoing updates, post-development.

This Waste Management Plan has been prepared based on the endorsed waste management plan (WMP) for the site by Low Impact Development Consulting dated 1/4/2020.

2. Proposal

The proposal is for an amendment to the existing masterplan for the site to allow for a new school entry and student services facilities to be provided as well as a range of DDA interventions to provide a fully accessible campus.

To accommodate the new school entry and student services facilities, the site's bin storage area will be re-located from its current location adjacent to Gate 4 to the existing maintenance area in the south-east corner of the site.

No changes to the number of staff or students on-site are proposed as a part of the amended masterplan.

A copy of the amended masterplan by Baumgart Clark Architects is attached at Appendix A.

3. Waste Management Plan

3.1. Waste Generation & Equipment

The proposed changes to the site are not anticipated to result in any appreciable change in the level of waste generated by the school. Accordingly, the existing waste storage and collection frequency arrangements outlined in the endorsed WMP will be retained, outlined in Table 1 below.

Table 1: Waste Bins and Collection Frequencies

Waste Stream	Bin Capacity	No. of Bins	Collection Frequency (per week)
Garbage	4.5m ³ skip bin	1	5 (once per day Mon-Fri)
Co-mingled Recycling	240L	19	1
Paper & Cardboard	4.5m ³ skip bin	1	On an 'as needs' basis

3.2. Waste Systems

The waste management systems of the proposed development comprise of the following components:

- immediate smaller bins within buildings and throughout the grounds for temporary storage of garbage and recyclable waste, and
- larger garbage bins within the waste area in the south-east corner of the site.

3.2.1. Waste Streams

The waste generated by the proposed development will be separated and managed into the following waste streams, as detailed below.

Table 2: Waste Streams

Waste Type	Waste Management
Garbage	Staff and students will place general landfill waste into smaller bins located throughout the school. Maintenance staff will then transfer this waste to the large bin in the waste area in the south-east corner of the site.
Recycling	Staff and students will place recyclable waste into the appropriate smaller recycling bins (co-mingled recycling) located throughout the school. Maintenance staff will then transfer this waste to the large bins in the waste area in the south-east corner of the site.

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Waste Type	Waste Management
Paper & cardboard	Staff and students will place paper waste into the appropriate smaller recycling bins (paper and cardboard) located throughout the school. Maintenance staff will then transfer this waste to the large bins in the waste area in the south-east corner of the site.
Hard Waste	Maintenance staff will store hard waste in the waste area located in the south-east corner of the site with collection by a private contractor organised on an as needs basis.
Garden Waste	All green/garden waste is managed on-site by maintenance staff.

3.2.2. Waste Area

The waste area is to be located in the existing maintenance area in the south-east corner of the site, as outlined in Figure 1 below.



Figure 1: Bin Storage Location

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3.2.3. Signage

Staff and students will be advised on the waste disposal arrangement for the school and provided with information regarding the different waste streams and guides on separating waste at the source to help reduce waste and appropriately separate recycling.

Appropriate signage will be displayed on the bins and the waste areas to assist in guiding and encouraging staff and students to dispose of waste correctly into the appropriate waste streams.

3.3. Waste Collection Arrangements and Vehicle Access

Waste collection will continue to be undertaken by private contractor with vehicles accessing the waste area from the internal road network via Mont Victor Road.

Swept path diagram have been prepared, copy attached at Appendix B, demonstrating access to the waste area with a 10.5m long waste collection vehicle.

Waste collection should be undertaken outside of typical school drop-off/pick-up times where possible to avoid periods of peak vehicle and pedestrian traffic through the site and along Mont Victor Road.

4. Amenity Impacts

It is the responsibility of the school to carry out the ongoing maintenance of all waste areas to minimise the following amenity impacts:

Ventilation/Odour Prevention

For developments using forced ventilation or air-conditioning system, adequate ventilation will be provided within the waste areas in accordance with AS1668.2 to ensure waste-related odours are minimised.

Noise Reduction

The waste facilities will comply with BCA and AS2107 acoustic requirements. Private waste collection will follow Council's and EPA guidelines to ensure acoustic impact is minimised.

Collection days and times will continue as per existing conditions.

Vermin Prevention & Litter Management

Waste areas will be secured to prevent any unauthorised use. Waste areas will be monitored by the school to ensure that bins are not overfilled and any spillage resulting from waste collection is appropriately addressed. All access doors and bin lids will be kept closed at all times to prevent vermin access to the waste areas.

Washing Facilities and Stormwater Pollution

Appropriate washing facilities including water supply and hose will be provided for the regular washing of the bins and waste area by the school. Washing facility provided will be connected to the sewerage for drainage to prevent any stormwater pollution.

5. Ongoing Maintenance and Sustainability Initiatives

5.1. Maintenance Management

The school is responsible for the ongoing operation and maintenance of the Waste Management Plan.

The school will ensure that maintenance work and upgrades are carried out on the waste areas and components of the waste system. When required, the school will engage an appropriate contractor to conduct maintenance services, replacements or upgrades.

All ongoing costs are to be fully met by the school.

5.2. Waste Reduction Strategies

The school will be responsible to encourage all students and staff to reduce waste disposal and recycle materials based on the waste management hierarchy set out by Sustainability Victoria.

The hierarchy is detailed at Figure 2 below.



Figure 2: Sustainability Victoria's Waste Management Hierarchy

Additionally, the school can set targets and measures to reduce garbage going to landfill and increase recycling.

5.3. Waste Management Rules

The school will be responsible for ensuring that all staff and students are provided with the relevant information and materials regarding the waste management system and sustainability strategies of the school.

Relevant information will be provided at the waste areas to ensure that all users will operate and maintain safe practice when utilising the waste facilities.

5.4. Monitoring and Review

This Waste Management Plan should be monitored and reviewed on a regular basis to ensure that it meets the regulatory requirements and that waste generation does not exceed existing levels. The school will be responsible for monitoring the Waste Management Plan. Where required, the school should undertake a waste audit to identify any modifications and/or improvements to the waste management system.

5.5. Occupational Health and Safety Risk Assessment

The school will ensure the waste collection arrangements comply with the relevant occupational health and safety (OH&S) guidelines including Worksafe Victoria's *Occupational Health and Safety Guidelines for the Collection, Transport and Unloading of Non-hazardous Waste and Recyclable Materials* (June 2003).

Additionally, the school will ensure the nominated private contractor completes a risk assessment, provides staff training and implements safety procedures to address the risks associated with waste management activities, including manual bin handling, bin transfers and cleaning of waste equipment.