



## Operational Waste Management Plan

Greystanes Public School

SSD 8778

### Version Control

Version date	Document owner	Date
V1.0	Greystanes Public School	3 August 2020

# 1 Introduction

This Operational Waste Management Plan has been prepared by Greystanes Public School, on behalf of the NSW Department of Education (DoE). It accompanies the supporting documents prepared and submitted under State Significant Development SSD 8778 Condition of Consent D19 for the redevelopment of Greystanes Public School at 781 Merrylands Road, Greystanes NSW 2145 (the Site). This operational waste management plan details the systems and practices involved in managing waste and recycling during the ongoing operation of the School.

This plan outlines measures to achieve the following:

- Avoid the generation of unnecessary waste;
- Minimise the volume of waste to be collected; and
- Recycle, reuse and recover waste generated.

The plan:

- a) details the type and quantity of waste to be generated during operation of the development;
- b) describes the handling, storage and disposal of all waste streams generated on site, and is consistent with the Protection of the Environment Operations Act 1997, Protection of the Environment Operations (Waste) Regulation 2014 and the Waste Classification Guideline (Department of Environment, Climate Change and Water, 2009);
- c) details the materials to be reused or recycled, either on or off site.

## 2 Waste Generation

### 2.1 Waste Streams

The proposed development of Greystanes Public School is intended to meet the local educational demand and provide approximately 897 students. Based on the information provided and benchmark data from similar developments, the primary waste streams expected to be generated in the ongoing operation of the development would be:

- Comingled recycling;
- Food organics and General waste;
- Additional smaller waste streams may include toner cartridge recycling, fluoro tube/globe recycling and battery recycling; and

### 2.2 Waste Generation Estimates

Based on industry averages, it is estimated that the school will generate a total of up to 240 kilograms and 2,800 litres of waste and recyclables per day. It should be noted that the following waste generation profile is an estimation only, based on average teaching and office use – assuming full use during weekdays with the projected total student number of 897 and associated staff. Of the waste above, it is estimated that on average 65% will be general waste including mixed waste and food organics and 35% Comingled recycling and a small amount of other waste sources.

## 3 Waste Management

The following waste handling, storage and disposal procedure is consistent with the Protection of the Environment Operations Act 1997, Protection of the Environment Operations (Waste) Regulation 2014 and the Waste Classification Guideline (Department of Environment, Climate Change and Water, 2009).

### 3.1 Waste Handling Operational Procedures

Staff and students will be advised as to correct segregation by information conveyed via newsletters, signage and staff advising students, regarding the waste management systems including how to use the system, which items are appropriate for each stream and collection regimes.

The following summarises the recommended waste and recycling systems that will be implemented.

- Mobile Waste Container (MGB) for waste and recyclables are located around the school grounds for use by staff and students.
- All MGB and bins are managed by Greystanes Public School cleaning staff.
- All MGB are transported to the collection area from their locations on the school grounds by cleaning staff and then emptied by the contractor. This occurs in the morning prior to any staff/students arriving; however exact time may vary.

Other aspects for the management of wastes/recyclables include:

- All classrooms, office areas and other rooms will be provided with small (15 litre) bins for both waste and recyclables in each room.
- Staff and students will be provided with information on the proper use of the waste management system and all will be encouraged to maximise the separation of general waste and mixed recyclables to aid the proper disposal of all materials.
- Cleaners will be responsible for emptying bins into the 240 litre MGB's.

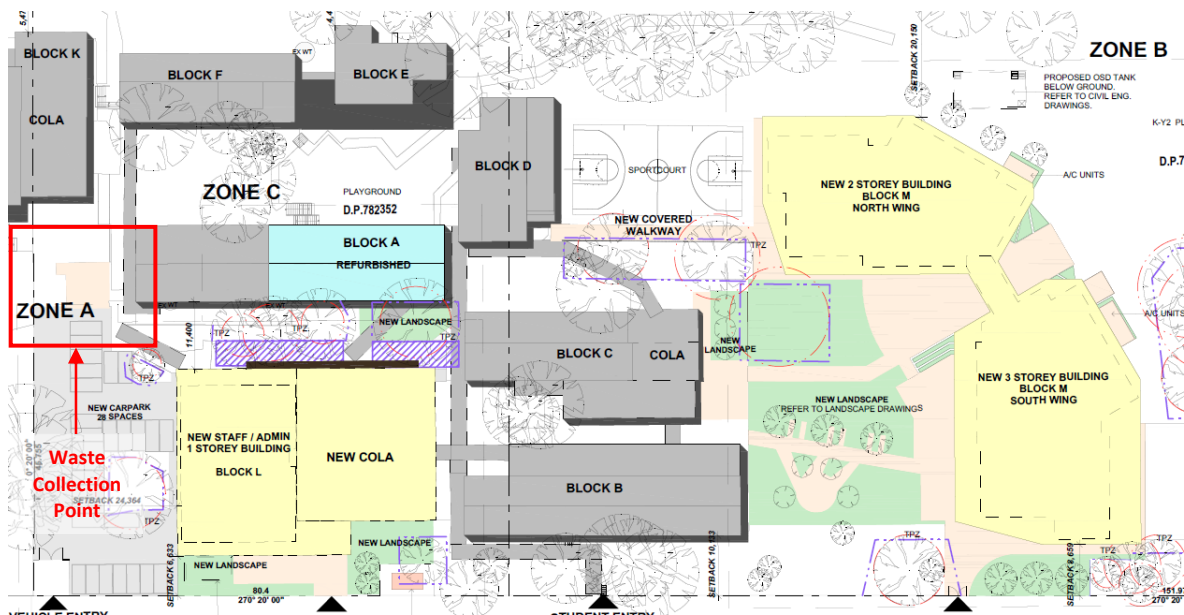
Signage will be a crucial element of the waste management system. Appendix A contains examples of signage. These are the type of signs that should be used throughout the buildings. Other signs can be accessed from the NSW EPA website at:  
<http://www.epa.nsw.gov.au/wastetools/signs-posters-symbols.htm>.

### 3.2 Waste Collection and Storage

The waste provider for the school is Remondis, who supplies one 4.5 cubic metre top loading waste bins to the site, one for paper/cardboard and two for general waste. Collection occurs weekly for general waste.

Recycling paper/cardboard is placed in large wheelie bins and moved to the road curb by the schools General Assistant and is collected by Cumberland Council. Collection occurs fortnightly for paper/cardboard.

Access by all waste servicing vehicles will be consistent with the requirements of the relevant Australian Standard. Driveway access to the waste storage areas will continue from the existing driveways located off Merrylands Road. Waste collection movements to and from the site will occur in a forward direction, with adequate area provided for turning of waste vehicles. The waste collection point is shown on Figure 1.



**Figure 1 – Waste Storage Location**

### 3.3 General Attendant

The waste facilities and equipment will be managed by the school’s General Attendant. The General Attendant’s duties will include, but not limited to, the following:

- General maintenance and cleaning of waste collection site;
- Organising and maintaining;
- Deodorising the waste collection site as required;
- Educating and updating staff and students on waste classification and disposal into appropriate bins; and
- Assisting with emptying of bins during collection as required.

### 3.4 Waste Disposal

Remondis is used for the collection of general wastes. This is a once per week service for general waste and commingled recycling. However, additional services can be arranged as required for smaller specialised waste streams. All waste is taken to Suez Wetherill Park Resource recovery facility 20 Davis Rd, Wetherill Park, NSW 2164, a licence waste and recycling centre.

### 3.5 Waste recycling

The following materials are collected for reused or recycling off-site:

- Comingled recycling including cardboard/paper, plastic, aluminium and glass; and
- Additional smaller waste streams including toner cartridge recycling, fluoro tube/globe recycling and battery recycling.