

Santa Sophia Catholic College

Waste Management Plan

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Company Details

Company Details	
Legal Entity name	SUEZ RECYCLING & RECOVERY PTY LTD
ACN	002 902 650
Registered Address	Level 3, 3 Rider Boulevard Rhodes NSW 2138
ABN	70 002 902 650
Contact Person	Damion Tucci
Contact Person Position Title	Key Account Manager
Email	damion.tucci@suez.com
Telephone	+ 61 (0) 418 203 207
Name of Chief Executive Officer	Mark Venhoek
Type of Business	Australian Proprietary Company Registered in 1985
Size of Business	SUEZ Recycling & Recovery is a billion dollar organisation with over 2,600 employees and contractors in Australia

Insurance Details

	Insurance Company	Policy Number	Expiry Date
Public Liability	AXA Corporate Solutions and	XAU0000051L119A	31 Dec 2019
Workers Compensation	ICare Workers' Compensation (NSW) Ltd	112701301	30 Jun 2019

Introduction

Project Description

The following Waste Management Plan (Operation) has been prepared by SUEZ on behalf of the Catholic Education Diocese of Parramatta c/TSA Management Pty Ltd (the Applicant).

The Waste Management Plan focuses on the waste streams generated by the school and appropriate treatment of these when the school is in operation. This plan is provided in support of State Significant Development Application (SSD 18_9772) for the new Santa Sophia Catholic College on the corner of Fontana Drive and the future road 'B', between Red Gables Road and Fontana Drive, in Box Hill North (the site).

The new school will cater for approximately 1,920 primary and secondary school students, inclusive of a 60 student Catholic Early Learning Centre. The school will have 130 full-time equivalent staff.

The proposal seeks consent for approximately 15,000sqm of floor space across a part five and part six storey building. The building will present as three main hubs connected by terraced courtyards and garden spaces.

The school will include:

- Catholic Early learning centre for 60 students;
- General Learning Spaces for years Kindergarten to 12;
- Community Hub – knowledge centre and cafe;
- Creative Hub – art and applied science;
- Performance Hub – multipurpose hall and music, dance and drama spaces;
- Professional Hub – administrative space;
- Research Hub – science and fitness;
- Associated site landscaping and open space including a fence and sporting facilities;
- Bus drop off from Fontana Drive;
- Pick-up and drop-off zone from future road 'B';
- Pedestrian access points from Red Gables Road north, Fontana Drive and future road 'B';
- Staff parking for 110 vehicles provided off site in an adjacent location;
- Short term parking for pick up and drop off for Catholic Early Learning Centre from Red Gables Road; and
- Digital and non-digital signage to the school.

The purpose of this Waste Management Plan is to outline the anticipated waste streams generated by operation of the school and describe the measures to be implemented to safely manage waste disposal.

Response to SEARS

The Waste Management Plan (Operation) is required by the Secretary's Environmental Assessment Requirements (SEARs) for SSD 18_9772. This table identifies the relevant SEARs requirement and corresponding reference within this report.

20. Waste	
Identify, quantify and classify the likely waste streams to be generated during construction and operation and describe the measures to be implemented to manage, reuse, recycle and safely dispose of this waste. Identify appropriate servicing arrangements (including but not limited to, waste management, loading zones, mechanical plant) for the site.	Section title 'Proposed Waste Management Plan' addresses waste streams generated by the school when operational.

Waste Management Service Provider

The Catholic Education Diocese of Paramatta have appointed SUEZ to provide waste management services to the Santa Sophia Catholic College when constructed.

SUEZ makes the best use of water and waste by providing smart and reliable resource management solutions for towns, cities, business and industry.

With 80,000 employees across five continents, we combine our international experience, research, technology and know-how with our local expertise to deliver reliable and effective solutions for our customers.

Our local team provides solutions that supply seven million Australians with safe drinking water, divert 880,000 tonnes of waste from landfill every year, and enable the oil and gas sector to process natural resources in a sustainable and efficient way.

Proposed Waste Management Plan

General Waste

General waste, also known as residual or mixed waste, is waste that has not been source separated for recycling.

SUEZ will provide two **4.5m³** metal Colour coded bins with Red lids, and dark blue body and stickered General Waste.

SUEZ will collect the bins on a weekly schedule in a SUEZ vehicle (Front loader) from the dedicated waste storage area accessed via the Southern driveway through the CELC carpark. The site plan shows the access arrangements in the CELC Carpark.

The SUEZ vehicle will transport the General Waste SUEZ resource Recovery facility an EPA approved licensed facility located in Seven Hills.

The SUEZ facility diverts waste from landfill, reduces the cost of transporting waste in a growing urban city and supports waste reduction and reuse initiatives run by councils and community groups.

General waste includes:

- Plastic bags
- Non-recyclable packaging
- Mixed waste from general operations including food scraps
- Broken ceramics and glass



Paper & Cardboard

When collected as a 'stand-alone' product, you can maximise the recovery and reuse of paper and cardboard.

SUEZ will provide one **3.0m³** metal Colour coded bin with light Blue lids, and dark blue body and stickered Paper & Cardboard.

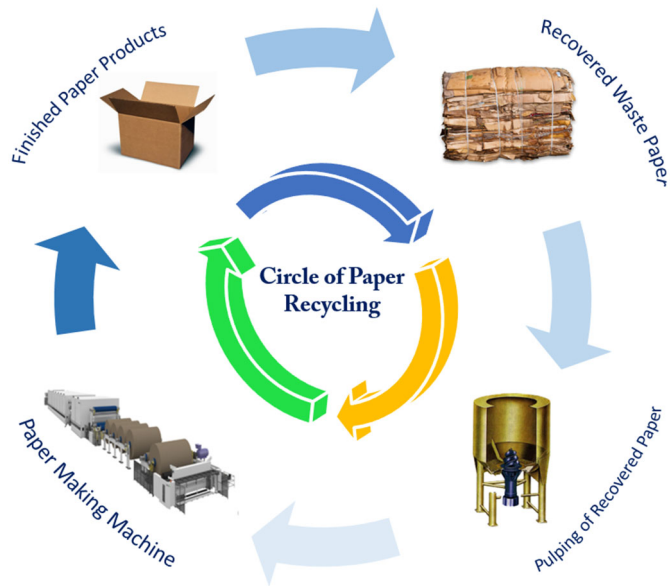
SUEZ will collect the paper & cardboard Bin on a weekly schedule, estimated at one collection per week in a SUEZ vehicle from the dedicated waste storage area accessed via the Southern driveway through the CELC carpark.



The Paper & Cardboard will be transported to VISY Paper Mill Facility located in Smithfield where it is separated and sorted before being dispatched to be re-manufactured into new products.

Paper and cardboard includes:

- White and all coloured paper
- Envelopes (including window face)
- Manila folders
- Binder dividers
- Cardboard
- Manila folders
- Binder dividers
- Cardboard
- Glossy brochures
- paper
- Photocopy paper
- Shredded paper
- Printed documents
- Reports (including staples)
- Newspaper
- Telephone books



Commingled Material

Commingled material is a ‘mixed’ recycling service that helps businesses recover items from the general waste stream to maximise diversion.

SUEZ will provide four **240Ltr** MGBs Colour coded, Yellow lids, green body and stickered Commingle Recycling, for plastic, aluminium cans and glass bottles.

SUEZ will collect the bins on a weekly schedule in a SUEZ vehicle (Rear loader) vehicle from the dedicated waste storage area accessed via the Southern driveway through the CELC carpark.



The SUEZ Co-Mingle vehicle will transport the Co-Mingled waste to VISY Recycling an EPA approved licensed facility located in Smithfield for sorting and recycling.

Co-mingled material includes:

- Milk and juice cartons
- Plastic bottles and containers
- Glass bottles and jars
- Steel cans
- Aluminium cans



Document Destruction

Document destruction involves the collection and destruction of confidential paper and media materials for security requirements.

SUEZ will provide two **240Ltr** lockable MGBs, colour coded blue body and yellow lidded bin. The confidential bins will be collected in a secure Vehicle on a monthly schedule.

The secure documents collected by SUEZ are monitored from the point of collection through to arriving and being processed at one of our secure facilities where the documents are screened for contaminants, before being shredded and baled. After the paper material has been shredded and rendered unrecognisable it is then sent for reprocessing into new paper products such as tissue paper.

A Document Destruction Assurance Certificate can be issued upon request.

Document destruction includes:

Business records

Personnel records

Medical/health records

Contracts and tenders

Office files

Archive files

Video tapes, CDs, DVDs and microfiche



Waste collection schedule

SUEZ will collect General Waste; Paper and Cardboard; and Co-mingled recycling between the hours of 11:00pm and 06:00am typically from Monday to Friday. The time and day of collection will be determined by the route to which each individual collection is incorporated. Other considerations include access restrictions imposed by the school and potential restrictions imposed by neighbouring residential development. Each waste stream collection is made by a separate truck. Therefore the day of collection could be different for each waste stream.

SUEZ will collect confidential paper during school reception hours, which is between 08:00-18:00 Monday to Friday excluding public holidays. Suez will require access to the school reception/office space and therefore these hours of operation are required.

Further detail of the estimated collection schedule, including bin size, service type and frequency of service are summarised below.

Waste Stream	Bin Size	Bin Quantity	Service Type	Collection Frequency
General Waste (GW)	4.5m ³	2	Front End Lift Truck (FEL)	Twice a week.
Paper & Cardboard (PAC)	3.0m ³	1	Front End Lift Truck (FEL)	Once a week
Commingle (recycling) (COM)	240 Litre	4	Rear End Lift Truck (REL)	Once a week
Confidential Paper (CP)	240 Litre	2	Rear End Lift Truck (REL)	Once a month

SUEZ REARLIFT VEHICLE SPECIFICATIONS

The rear lift collection system is best suited to sites with **limited access and space**.

Vehicle specifications

Overall length	8.0m
Overall width	2.5m
Height (travel)	3.4m
Height (in operation)	3.4m
Weight (vehicle only)	13.0t
Weight (payload)	9.5t
Turning circle	25.0m



SUEZ has procedures in place to help ensure our operations are conducted in a manner that protects the health and safety of our employees, customers, contractors, suppliers and the general public, providing a safe and healthy working environment.

Overview

- Best suited for lightweight and small to mid-sized waste volumes
- Ideal for workshops, offices, restaurants and retail outlets
- Suits businesses that generate odorous food wastes as the waste can be bagged and cleared daily
- Perfect secondary partner for a primary Front Lift or Roll-on/Roll-off (RORO) system
- Convenient range of standard containers from 120L to 1100L capacities
- Bins are colour-coded to Australian Standards for easy identification of waste streams
- Reduced labour costs when bin is located close to waste generation source
- Easily maneuverable due to solid rubber wheels
- Equally suitable for indoor or outdoor use
- Carts can be supplied in a range of sizes ensuring flexibility and total compatibility with the customer's site

Businesses look for waste services that can deliver **total waste solutions that are cost effective**. By adopting simple and reliable collection systems tailored

to the waste generation profile of your business, you can improve corporate social responsibility and build environmentally sustainable performance.

Container options and accessories

- Foot pedal operated lid
- Wheel locking device
- Range of bin sizes
- Tow hitches
- Flip top and roll top lids
- Wheel brakes
- Liners
- Security posts
- Cart cradle
- Waste ID labels
- Bin lifters
- Padlocks and chains



Container specifications

Plastic (polyethylene)				
Capacity	120L	240L	660L	1100L
Height	0.92m	1.075m	1.235m	1.485m
Width	0.54m	0.58m	1.36m	1.36m
Length	0.62m	0.715m	0.765m	1.07m
Weight	9.5kg	13.5kg	45kg	65kg



SUEZ FRONTLIFT VEHICLE SPECIFICATIONS

The front lift collection system is **cost effective, user-friendly and flexible**.

Vehicle specifications

Overall length	Up to 11.0m
Overall width	2.5m
Height (travel)	Up to 4.2m
Height (in operation)	Up to 8.5m
Weight (vehicle only)	16.5t
Weight (payload)	11.0t
Turning circle	25.0m



Overview

- Best suited for customers who generate a variety of wastes and are able to store the collection container on-site
- Ideal for hotels, offices, workshops, factories, shopping centres and distribution outlets
- Separate bins can be provided for general waste, paper, cardboard, co-mingled containers, organics and packaging
- Bins are colour-coded to Australian Standards for easy identification of waste streams
- Convenient range of standard containers from 1.5m³ to 6m³ capacities
- Variety of options and accessories including sliding or lifting lid tops, nylon or rubber castors, towing hitches, etc

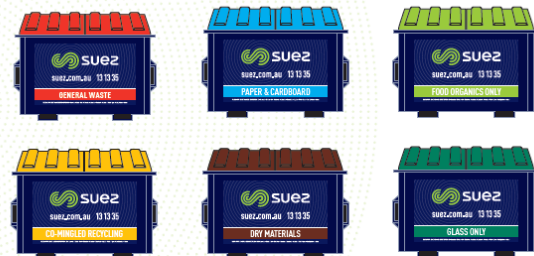
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Container options and accessories

- Castors
- Rubber wheels
- Forklift pockets
- Range of bin sizes
- Tow hitches
- Sloping fronts
- Wheel brakes
- Liners
- Bin lifters
- Carts
- Docket holder
- Padlocks and chains



Container specifications

Capacity	1.5m³	3.0m³	4.5m³
Depth	0.905m	1.605m	1.605m
Width	1.805m	1.805m	1.805m
Height	0.910m	1.225m	1.570m



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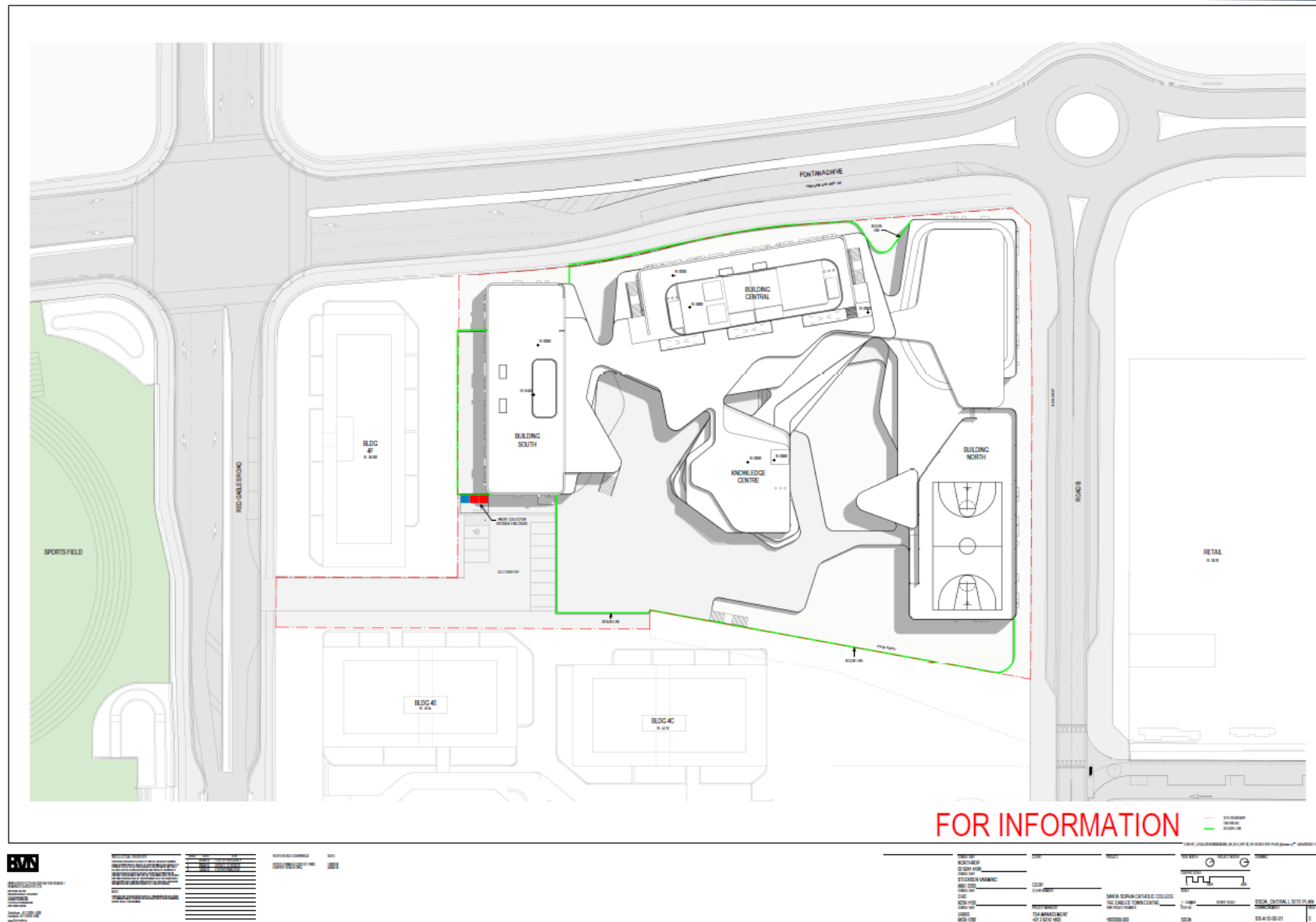
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