

# SITE WASTE MINIMISATION AND MANAGEMENT PLAN (SWMMP)

## Section 1: Applicant and Project Details (All Developments)

### Applicant Details

Application No.	
Name	moMA Architects
Address	Suite 8D / 277 Lane Cove Road, Macquarie Park NSW 2113
Phone number(s)	0422 179 772
Email	eric@themoma.com.au / bryan@themoma.com.au

### Project Details

Address of development	21 Lovell Road, Denistone East NSW 2112
Existing buildings and other structures currently on the site	Existing single storey brick residence, greenhouse, metal shed, brick pergola and concrete driveway
Description of proposed development	Demolition of existing structures and construction of a centre based child care facility with a maximum 43 places and associated nine (9) at-grade car parking and landscaping

This development achieves the waste objectives set out in City of Ryde DCP. The details on this form are the provisions and intentions for minimising waste relating to this project. All records demonstrating lawful disposal of waste will be retained and kept readily accessible for inspection by regulatory authorities such as Council, Office of Environment and Heritage or WorkCover NSW.

Name	Eric Kim
Signature	
Date	07/10/2022

# SITE WASTE MINIMISATION AND MANAGEMENT PLAN (SWMMP)

## Section 2: Demolition (All Types of Developments)

Address of development: 21 Lovell Road, Denistone East

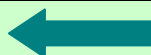
<div> <div>most favourable</div> <div>←</div> <div>least favourable</div> </div>				
	Reuse	Recycling	Disposal	
Type of waste generated	Estimate Volume (m <sup>3</sup> ) or Weight (t)	Estimate Volume (m <sup>3</sup> ) or Weight (t)	Estimate Volume (m <sup>3</sup> ) or Weight (t)	Specify method of on site reuse, contractor and recycling outlet and /or waste depot to be used
Excavation material	Approx. 100m <sup>3</sup> Site Fill		Approx. 250m <sup>3</sup>	SESL 1300 30 40 50 info@sesl.com.au
Timber (specify)		Approx. 5m <sup>3</sup>	Approx. 20m <sup>3</sup>	SUEZ 1300 651 119 info@sesl.com.au
Concrete			Approx. 50m <sup>3</sup>	SUEZ 1300 651 119 info@sesl.com.au
Bricks/pavers	Approx. 8m <sup>3</sup> Crushed & Reused		Approx. 18m <sup>3</sup>	SUEZ 1300 651 119 info@sesl.com.au
Tiles			Approx. 1m <sup>3</sup>	SUEZ 1300 651 119 info@sesl.com.au
Metal (specify)			Approx. 1m <sup>3</sup>	SUEZ 1300 651 119 info@sesl.com.au
Glass			Approx. 1m <sup>3</sup>	SUEZ 1300 651 119 info@sesl.com.au
Furniture		N/A		SUEZ 1300 651 119 info@sesl.com.au
Fixtures and fittings			Approx. 10m <sup>3</sup>	SUEZ 1300 651 119 info@sesl.com.au
Floor coverings			Approx. 15m <sup>3</sup>	SUEZ 1300 651 119 info@sesl.com.au
Packaging (used pallets, pallet wrap)				SUEZ 1300 651 119 info@sesl.com.au
Garden organics			Approx. 10m <sup>3</sup>	SUEZ 1300 651 119 info@sesl.com.au
Containers (cans, plastic, glass)		Approx. 2m <sup>3</sup>		SUEZ 1300 651 119 info@sesl.com.au
Paper/cardboard		Approx. 2m <sup>3</sup>		SUEZ 1300 651 119 info@sesl.com.au
Residual waste			Approx. 2m <sup>3</sup>	SUEZ 1300 651 119 info@sesl.com.au
Hazardous/special waste e.g. asbestos (specify)		N/A		SUEZ 1300 651 119 info@sesl.com.au
Other (specify)			Approx. 20m <sup>3</sup>	SUEZ 1300 651 119 info@sesl.com.au

# SITE WASTE MINIMISATION AND MANAGEMENT PLAN (SWMMP)

## Section 3: Construction (All Types of Developments)

Address of development: 21 Lovell Road, Denistone East

most favourable



least favourable

	Reuse	Recycling	Disposal	
Type of waste generated	Estimate Volume (m <sup>3</sup> ) or Weight (t)	Estimate Volume (m <sup>3</sup> ) or Weight (t)	Estimate Volume (m <sup>3</sup> ) or Weight (t)	Specify method of on site reuse, contractor and recycling outlet and/or waste depot to be used
Excavation material	Approx. 15m <sup>3</sup>			SITE INFILL / LANDSCAPING
Timber (specify)			Approx. 1m <sup>3</sup>	SUEZ 1300 651 119 info@sesl.com.au
Concrete		Approx. 1m <sup>3</sup>		RETURN TO SUPPLIERS
Bricks	Approx. 0.5m <sup>3</sup>		Approx. 0.5m <sup>3</sup>	SUEZ 1300 651 119 info@sesl.com.au
Tiles	Approx. 0.5m <sup>3</sup>		Approx. 0.5m <sup>3</sup>	SUEZ 1300 651 119 info@sesl.com.au
Metal (specify)		Approx. 2m <sup>3</sup>		RETURN TO SUPPLIERS
Glass		Approx. 2m <sup>3</sup>		RETURN TO SUPPLIERS
Plasterboard (offcuts)			Approx. 1m <sup>3</sup>	SUEZ 1300 651 119 info@sesl.com.au
Fixtures and fittings		N/A		SUEZ 1300 651 119 info@sesl.com.au
Floor coverings	Approx. 2m <sup>3</sup>		Approx. 1m <sup>3</sup>	SUEZ 1300 651 119 info@sesl.com.au
Packaging (used pallets, pallet wrap)		Approx. 2m <sup>3</sup>		RETURN TO SUPPLIERS
Garden organics		N/A		SUEZ 1300 651 119 info@sesl.com.au
Containers (cans, plastic, glass)		Approx. 2m <sup>3</sup>		RETURN TO SUPPLIERS
Paper/cardboard		Approx. 2m <sup>3</sup>		RETURN TO SUPPLIERS
Residual waste			Approx. 3m <sup>3</sup>	SUEZ 1300 651 119 info@sesl.com.au
Hazardous/special waste (specify)		N/A		SUEZ 1300 651 119 info@sesl.com.au

# SITE WASTE MINIMISATION AND MANAGEMENT PLAN (SWMMP)

## Section 4: Ongoing Operation (Residential, Multi Unit, Commercial, Mixed Use and Industrial)

Address of development: 21 Lovell Road, Denistone East

Type of Waste and Estimated volumes	Recyclables		Compostables	Residual waste*	Other
	Paper/ cardboard	Metals/ plastics/glass			
** Amount generated (L per unit per day)	Approx. 40L / DAY	Approx. 15L / DAY	Approx. 30L / DAY	Approx. 30L / DAY	Approx. 20L / DAY
** Amount generated (L per development per week)	Approx. 280L / WEEK	Approx. 105L / WEEK	Approx. 210L / WEEK	Approx. 210L / WEEK	Approx. 140L / WEEK
Any reduction due to compacting equipment			N/A		
*** Frequency of collections (per week)	Twice/Week		Twice/Week		Twice/Week
** Number and size of storage bins required	4 x 240 L		4 x 240 L		2 x 240 L
Floor area required for storage bins (m <sup>2</sup> )	APPROX. 5m				
Floor area required for manoeuvrability (m <sup>2</sup> )	APPROX. 6m <sup>2</sup>				
Height required for manoeuvrability (m)	APPROX. 2.1m				

\* Current “non-recyclables” waste generation rates typically include food waste that might be further separated for composting.

\*\* For more information: REFER Schedules under Ryde DCP 2010 Part 7.2 Waste Minimisation and Management for information about bin sizes, numbers and waste generation rates

\*\*\* For more information: REFER Council’s website for Waste and Recycling frequency of service information at: [www.ryde.nsw.gov.au](http://www.ryde.nsw.gov.au), or

<http://www.ryde.nsw.gov.au/Environment/Waste+and+Recycling>

or phone Council’s Customer Service Centre on 9952 8222

## Section 5: Construction Design (All Types of Developments)

Outline how measures for waste avoidance have been incorporated into the design, material purchasing and construction techniques of the development:

### Materials

The following measures should be considered when looking to save resources and minimize waste at the construction stage

- Purchasing Policy: Considering measures such as ordering the right quantities of materials and prefabrication of materials when possible
- Reusing from work: Minimising site disturbance and limiting unnecessary excavation
- Careful source separation of off-cuts to facilitate re-use, resale or offsite recycling; and
- Coordination / sequencing of various trades

### Lifecycle

## SITE WASTE MINIMISATION AND MANAGEMENT PLAN (SWMMP)

### Section 6: Ongoing Management of Waste (All Types of Development)

Detail the arrangements that would be appropriate for the ongoing use of waste facilities as provided in the development. Identify each stage of waste transfer between residents' units/commercial tenancies and loading into the collection vehicle, detailing the responsibility for and location and frequency of, transfer and collection.

The client to use council waste collection service or private waste collection service for recycle glass + paper and waste removal each week with

10 x 240L Bins use on road side pick up