

ST MARYS RESOURCE RECOVERY FACILITY

Appendix A: Proposed Waste Streams and Quantities Processing Capacity Justification

APPENDIX A

Proposed waste streams and quantities

Waste	Description	Other Limits	Estimated Volume (%)	Estimated Volume (tonnes)
				350,000
GSW (Non-putrescible)	GSW (non-putrescible) including but not limited to materials listed in this table			N/A
General solid waste (non-putrescible)	Foundry sand waste that meets all conditions of a resource recovery order under Clause 91 of the Protection of the Environment Operations (Waste) Regulation 2014	-	0.1	350.00
General solid waste (non-putrescible)	Virgin excavated natural material as defined in Schedule 1 of the POEO Act, in force from time to time	-	4	14,000.00
General solid waste (non-putrescible)	Building and demolition waste as defined in Schedule 1 of the POEO Act, in force from time to time	Any individual material or mixture of building and demolition materials	75	262,500.00
General solid waste (non-putrescible)	Soil that meet the CT1 thresholds for general solid waste in Table 1 of the Waste Classification Guidelines as in force from time to time with the exception of the maximum threshold values for contaminants specified in the 'Other Limits' column		10	35,000.00

Waste	Description	Other Limits	Estimated Volume (%)	Estimated Volume (tonnes)
				350,000
General solid waste (non-putrescible)	Asphalt waste (including asphalt resulting from road construction and waterproofing works as defined in Schedule 1 of the POEO Act, in force from time to time	-	1	3,500.00
General solid waste (non-putrescible)	Office and packaging waste (including paper, plastics, glass, metal, timber) that is not contaminated or mixed with any other type of waste	-	2	7,000.00
General solid waste (non-putrescible)	Non -chemical waste generated from manufacturing and services (including metal, timber, paper, ceramics, plastics, thermosets and composites)	-	2	7,000.00
General solid waste (non-putrescible)	Household waste from municipal clean up that does not contain food as defined in Schedule 1 of the POEO Act, in force from time to time		2	7,000.00
General solid waste (non-putrescible)	Garden waste as defined in Schedule 1 of the POEO Act, in force from time to time		0.2	700.00
General or Specific Exempted Waste	Waste that meets all conditions of a resource recovery order under Clause 91 of the Protection of the Environment Operations (Waste) Regulation 2014		0.2	700.00

Waste	Description	Other Limits	Estimated Volume (%)	Estimated Volume (tonnes) 350,000
General solid waste (non-putrescible)	Glass, plastic, rubber, plasterboard, ceramics, bricks, concrete or metal		0.4	1,400.00
General solid waste (non-putrescible)	Paper or cardboard		0.4	1,400.00
General solid waste (non-putrescible)	Wood waste		2	7,000.00
General solid waste (non-putrescible)	Any mixture of wastes referred to above		Mix	N/A
General Solid Waste (non-putrescible)	Bulky goods waste containing building de-fit fittings, fixtures and furniture that is not contaminated or mixed with any other type of waste		0.1	350.00
General solid waste (non-putrescible)	Waste collected by, or on behalf of local councils from street sweepings		0.1	350.00
General solid waste (non-putrescible)	Grit, sediment, litter, gross pollutants collected in and removed from stormwater treatment devices and or stormwater management systems that have been dewatered so that they do not contain free liquids		0.1	350.00

Waste	Description	Other Limits	Estimated Volume (%)	Estimated Volume (tonnes)
				350,000
General solid waste (non-putrescible)	Grit and screenings from potable water and water reticulation plants that have been dewatered so that they do not contain free liquids		0.1	350.00
General solid waste (non-putrescible)	Non-putrescible vegetative waste from agriculture, silviculture or horticulture		0.1	350.00
General solid waste (non-putrescible)	Cured concrete waste from a batch plant		0.1	350.00
Unexpected finds	materials such as asbestos, tyres, batteries, gas bottles, fire extinguishers and food.	Limited to waste identified during inspection and resource recovery operations being unexpected finds in tipped, unprocessed and processed material. Storage only for the purposes of safe and lawful handling, storage and transport to a lawful facility.	0.1	350.00
TOTAL			100	

Processing Capacity Justification



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Daniel Tartak

Bingo Industries Ltd

305 Parramatta Rd

Auburn NSW 2136

Australia

Dear Daniel,

I confirm the following in relation to the Skala plant and equipment located at the St Mary's Recycling facility at Dunheved Circuit St Marys:

1. The plant and equipment is designed to process and separate mixed building and demolition waste;
2. It can process 100 tonnes of mixed building and demolition waste per hour;
3. It can recover and recycle upwards of 80% of the total waste processed through the plant.

If you have any further queries please contact me.

Yours sincerely

A handwritten signature in grey ink, appearing to read "Brook Griffiths".

Brook Griffiths

Skala Australasia Pty Ltd

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24 August 2017