APPENDIX F

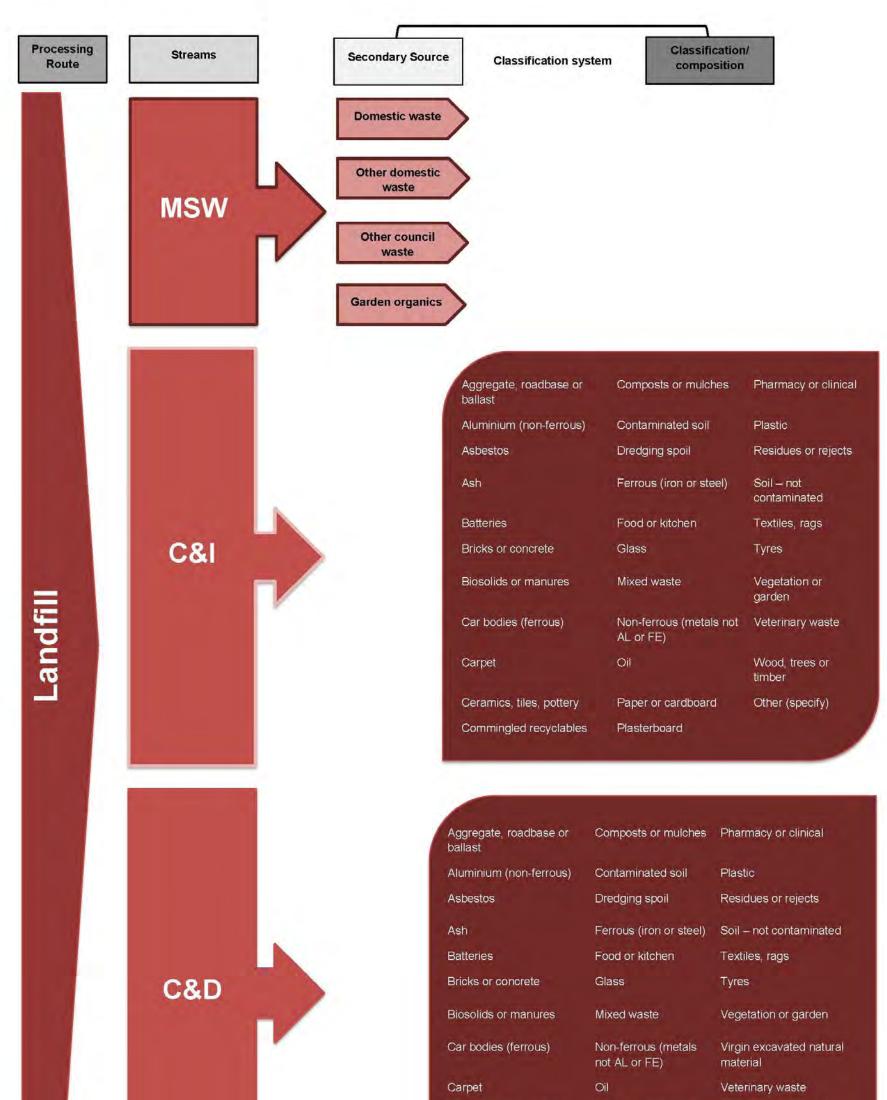
EXISTING JURISDICTIONAL CLASSIFICATION SYSTEMS

This is an Appendix to Hyder's *Waste Definitions and Classifications* report for the Department of Sustainability, Environment, Water, Population and Communities. It should only be read in conjunction with that document. It contains pages which should be printed in **A3 size** to enable readability of all text.

This section contains diagrams illustrating the existing waste classification systems, grouped by jurisdiction. Classification systems associated with data and reporting pathways are reproduced from *Waste Classifications in Australia* (Hyder, 2012), while classifications system associated with the management of waste are reproduced from *Australian Waste Classifications – Roles in Decision Making* (Hyder, 2011).

NSW

Figure 8-1 Monthly/Annual Licensed and Non-Licensed Landfill Reporting (currently NSW OEH, but subject to change)





Ceramics, tiles, pottery Paper or cardboard Wood, trees or timber Commingled recyclables Plasterboard Other (specify)

Report on Issues, Opportunities and Information Gaps in Waste Definitions and Classifications 02 Hyder Consulting Pty Ltd-ABN 76 104 485 289

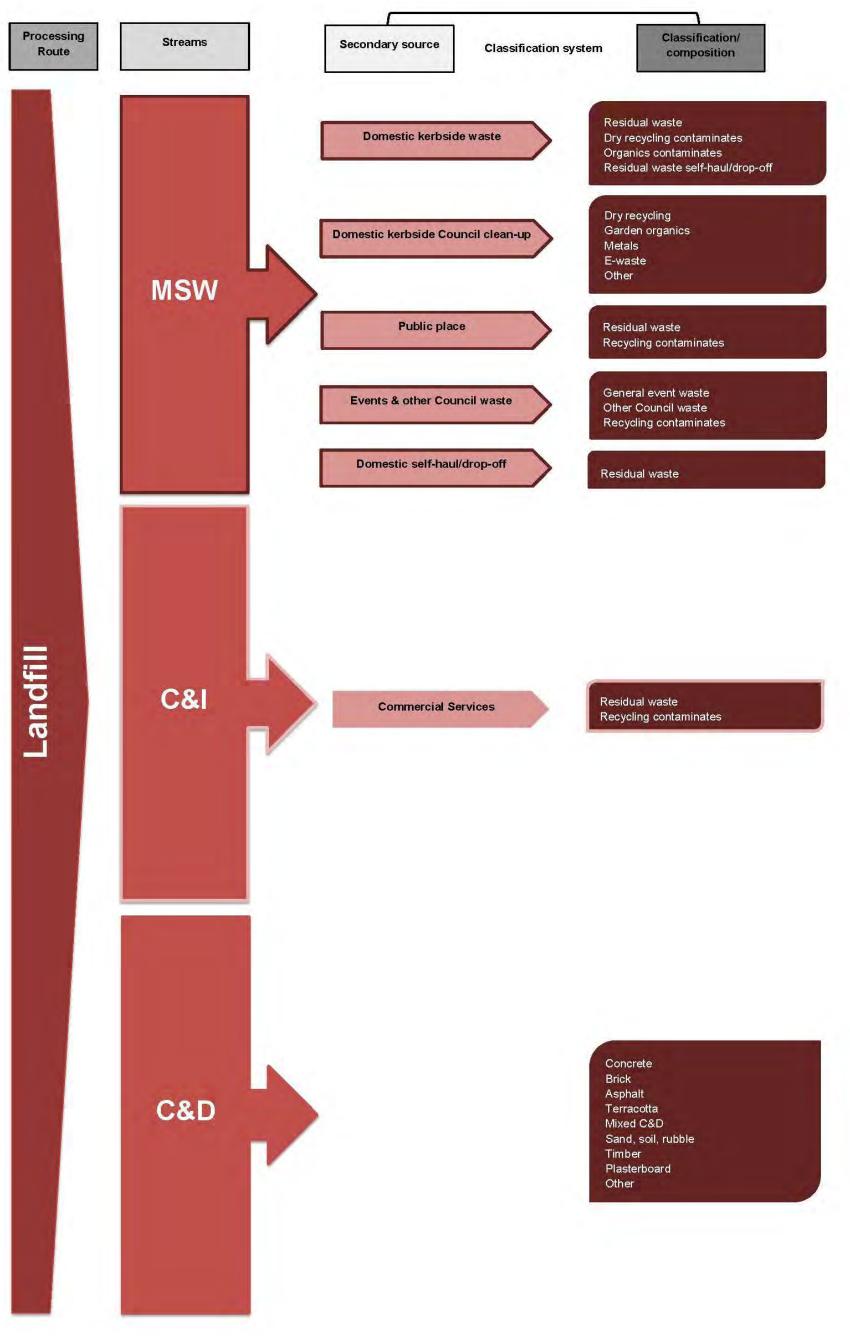
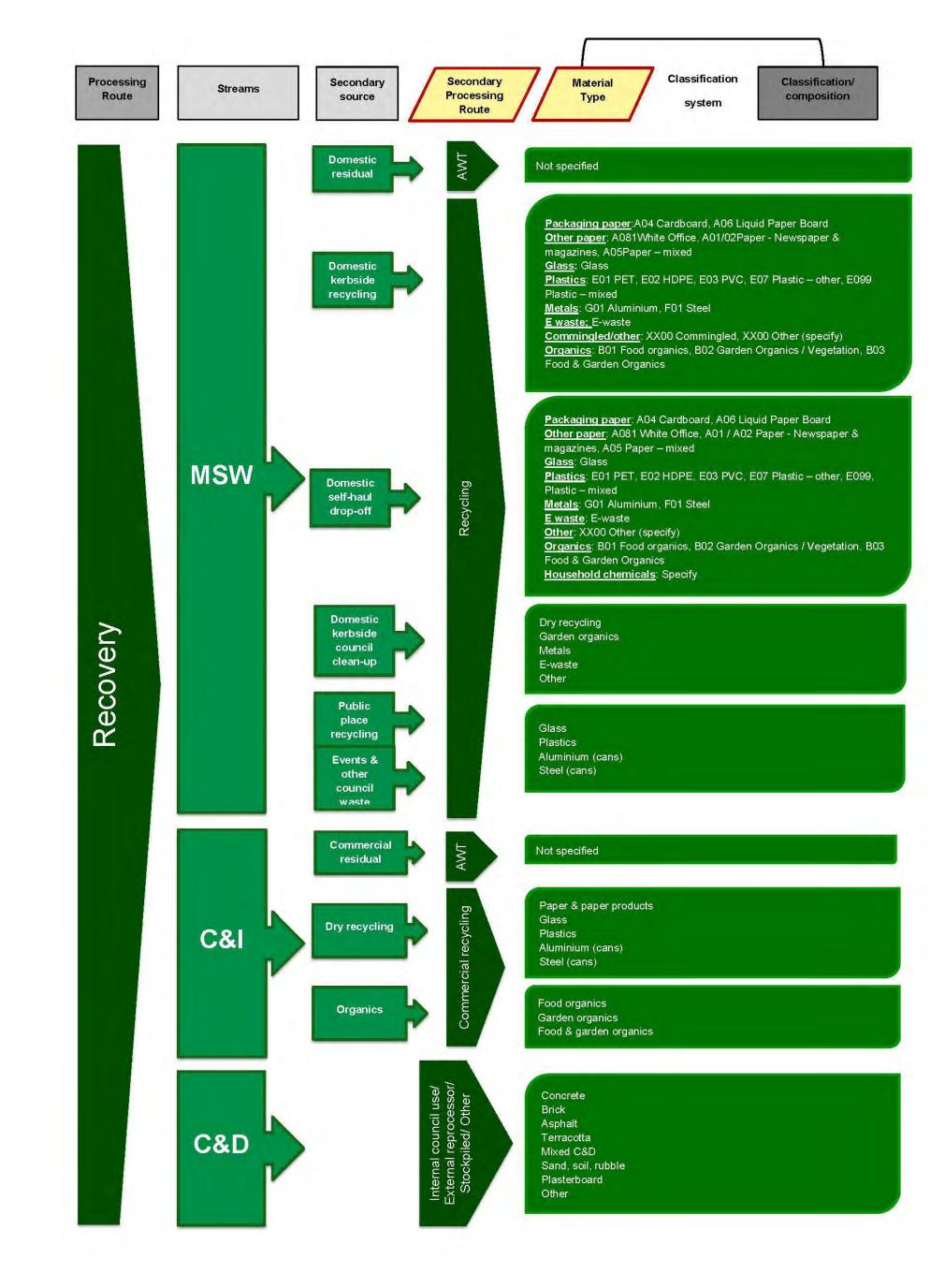


Figure 8-3 Local Government Annual Survey – Recycling (NSW OEH)



Report on Issues, Opportunities and Information Gaps in Waste Definitions and Classifications 02 Hyder Consulting Pty Ltd-ABN 76 104 485 289

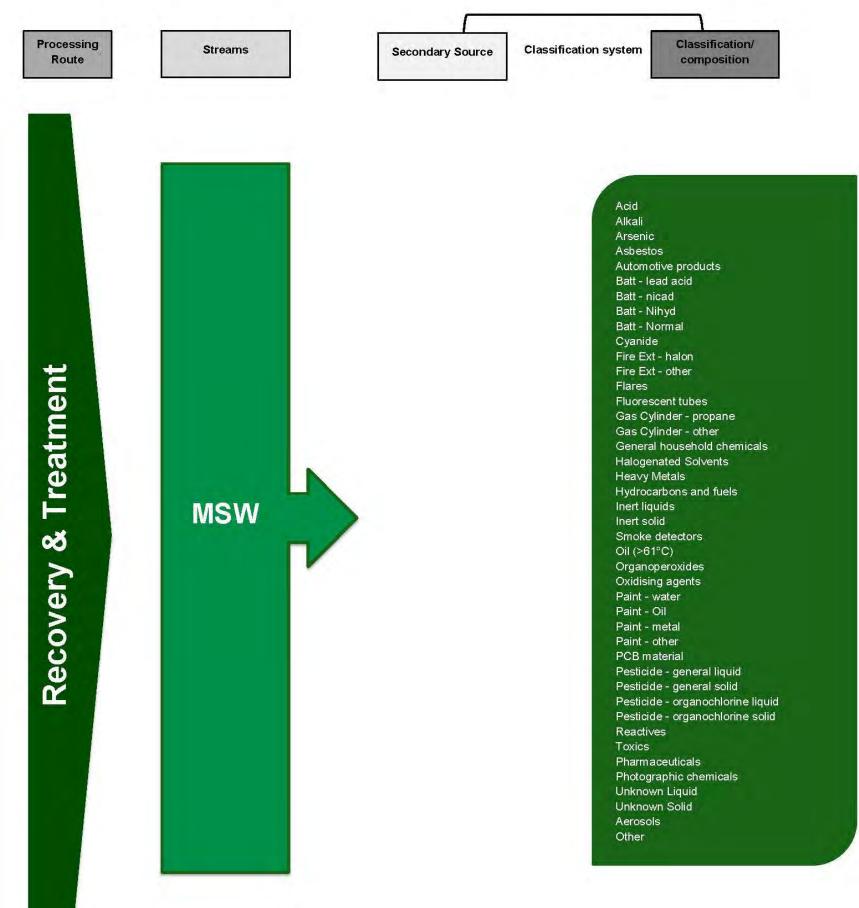
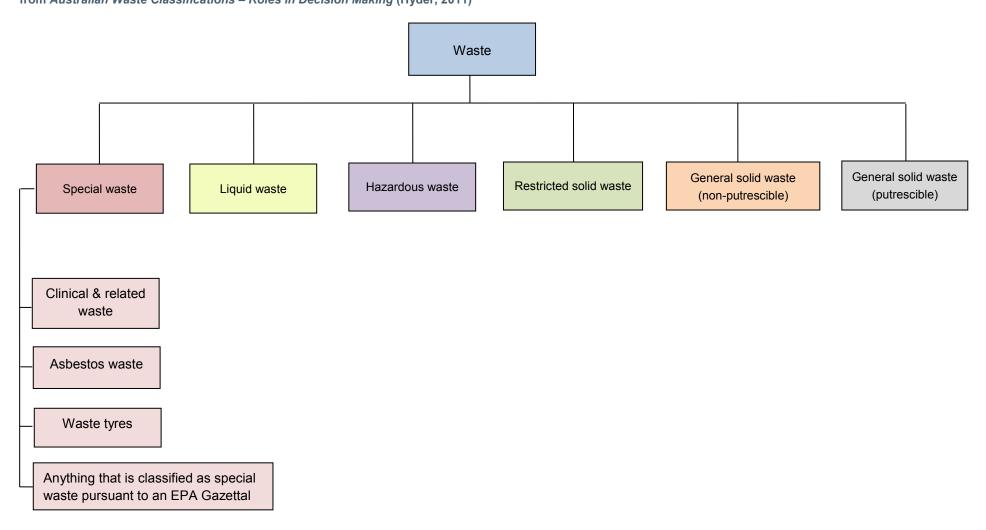
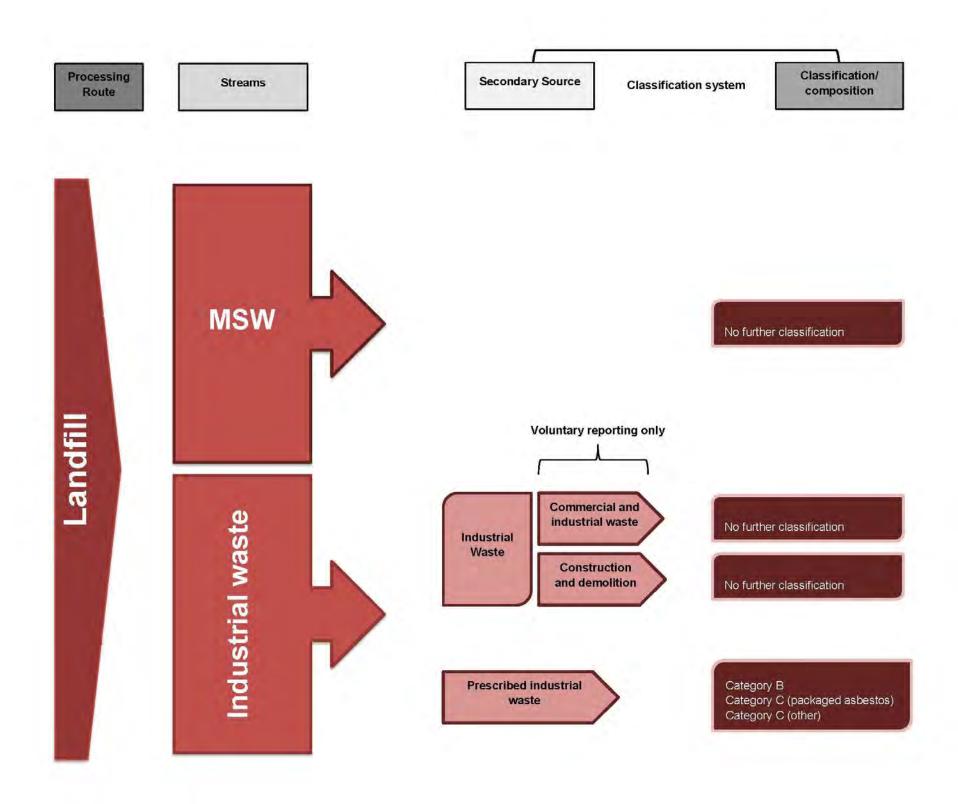


Figure 8-5 NSW Management and Disposal Classification System from *Australian Waste Classifications – Roles in Decision Making* (Hyder, 2011)



VICTORIA



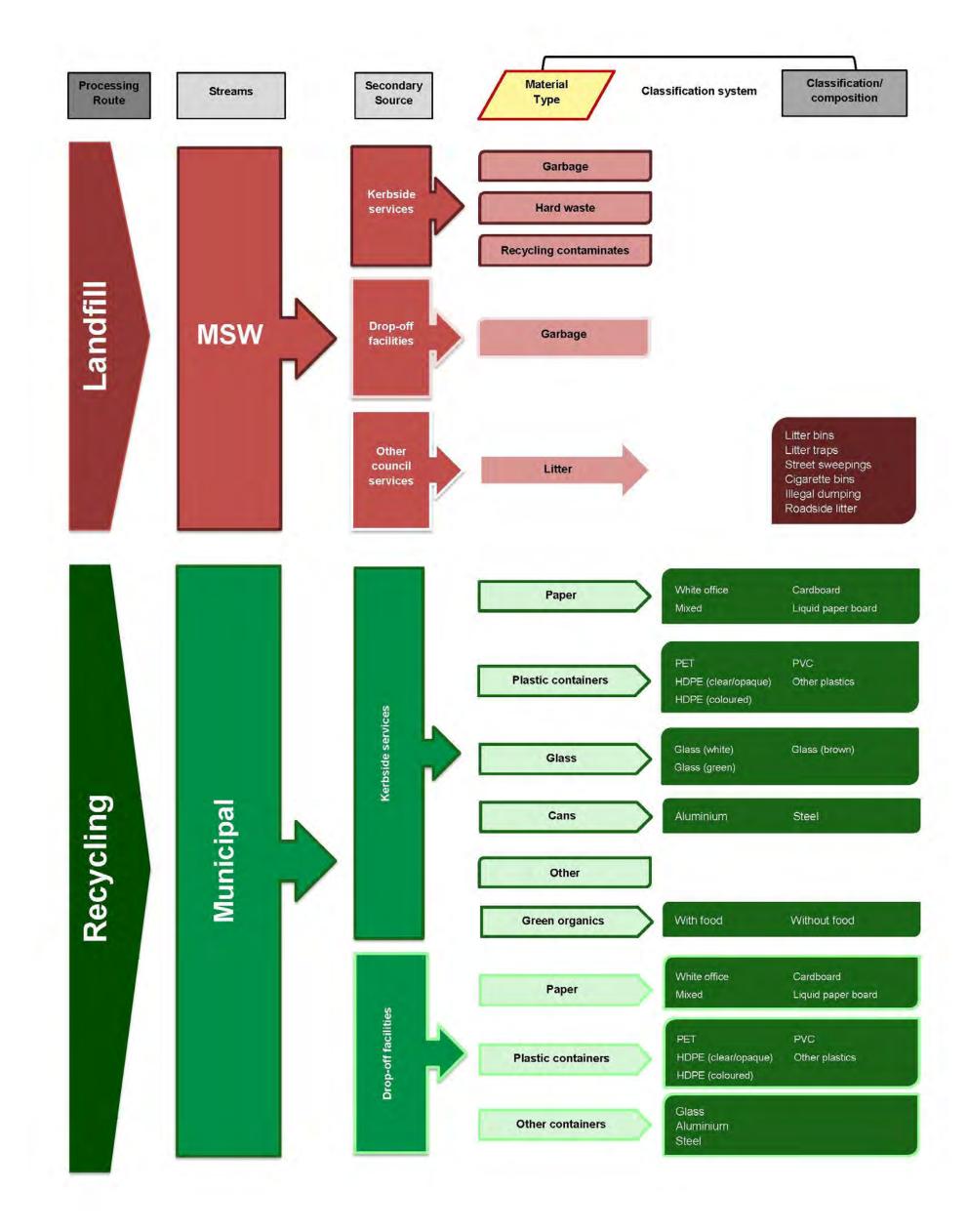
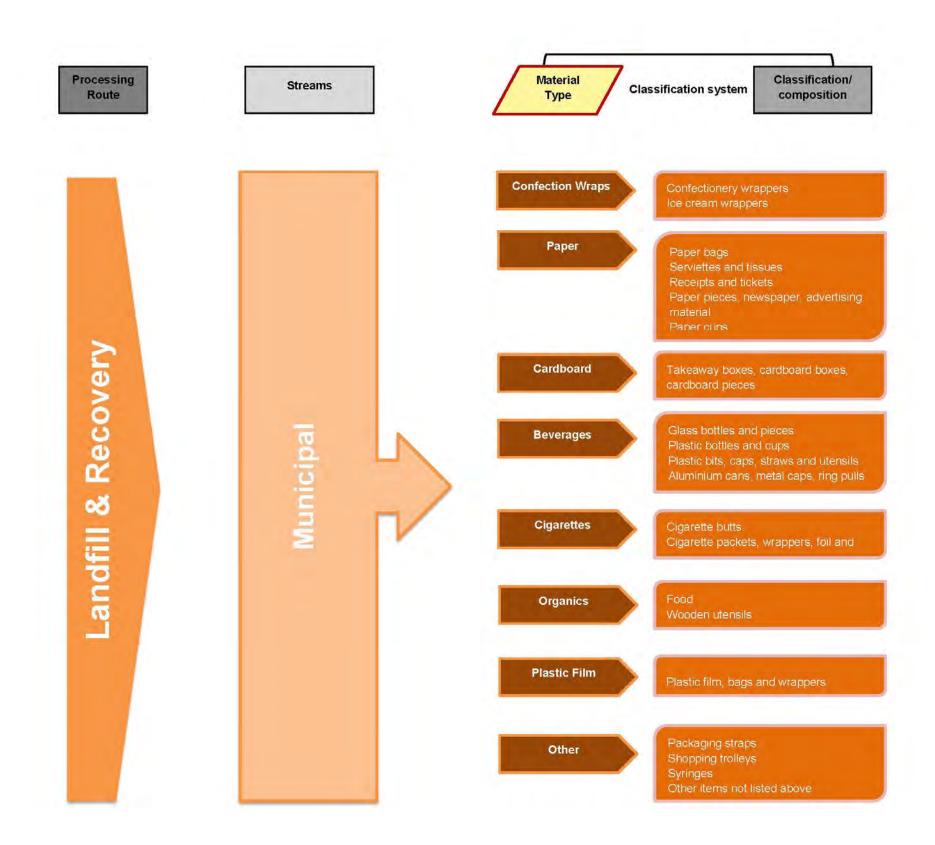


Figure 8-8 Victorian Recycling Industry Annual Survey (Sustainability Victoria)

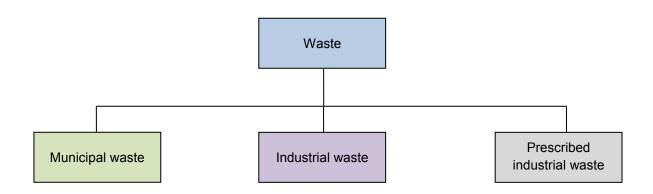
		Construction and demolition	Asphalt Brick rubble Brick whole Brick whole / brick rubble	Concrete Mixed construction and demolition waste Plasterboard Rock / excavation stone Soil / sand
		Glass	Container glass CRT Mixed glass waste Sheet / laminated glass	
		Metals	Aluminium (incl cans) Batteries Car bodies Cast Iron Heavy Metal Steel Lead dross Mixed metal waste	Other aluminium scrap Other ferrous / steel scrap Pressing Steel Roofing Iron Steel cans Structural and reinforcing steel White goods
Kecycling	All streams	Organics	Food organics (food wa Garden organics (greet landscape vegetation) Grease trap waste & or Manure (agricultural re Mixed organic waste Paunch (agricultural res Sawdust (from forestry Ash (from forestry resid Sludge Straw (agricultural resid Tallow Wood & timber (other t commercial / industrial) Wood & timber packag	cultural residuals) siduals) it / screenings en materials from combined collection) aste) n organics, garden waste, garden / rganic sludge's siduals) siduals) residuals) duals) duals)
		Paper/cardboard	Cardboard / packaging paper Liquid paper board Other (mixed paper)	Newsprint / magazines Printing & writing paper Telephone books



Report on Issues, Opportunities and Information Gaps in Waste Definitions and Classifications 02 Hyder Consulting Pty Ltd-ABN 76 104 485 289







QUEENSLAND

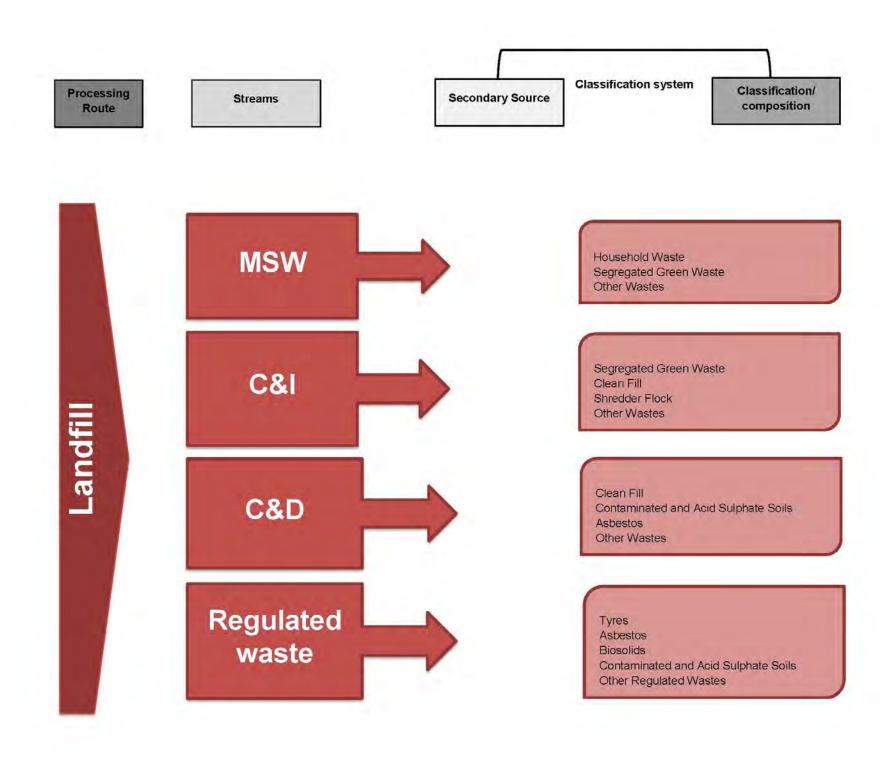
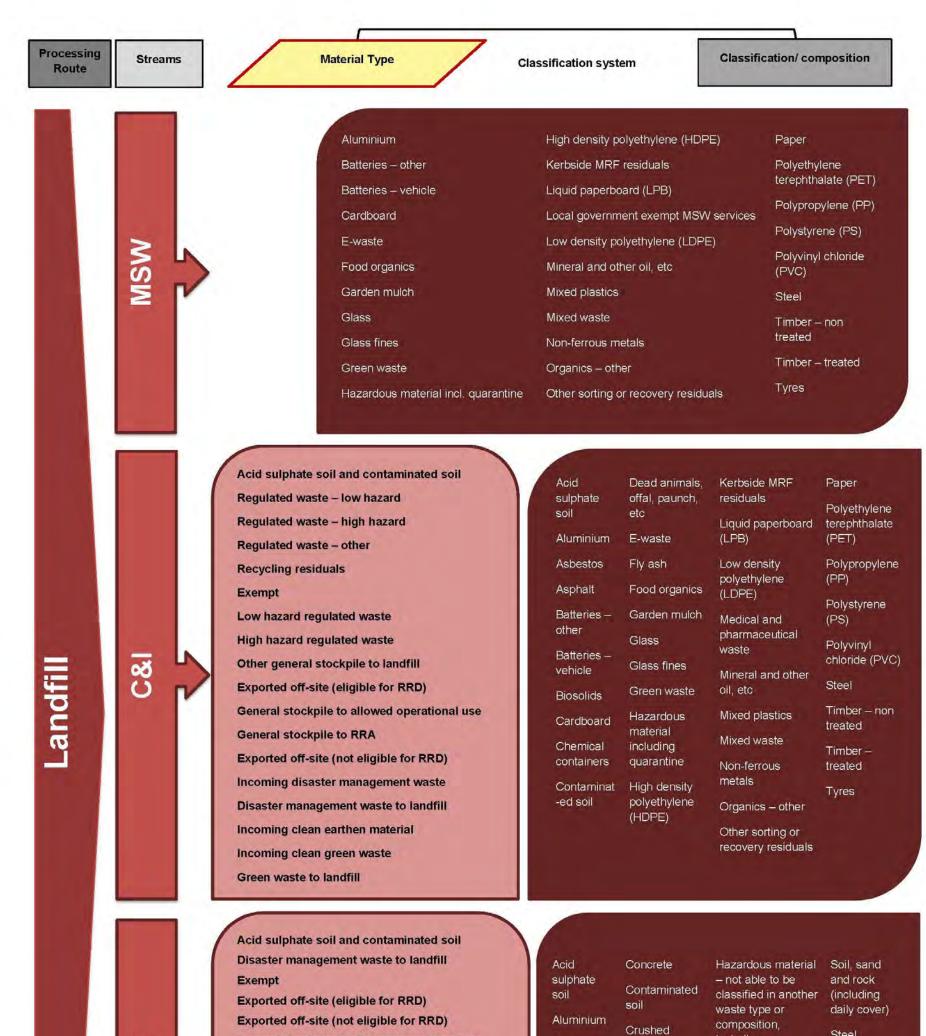


Figure 8-12 Monthly Landfill Reporting – levy zone (DERM)



Steel

including

quarantine

Timber - non reate



General stockpile to allowed operational use

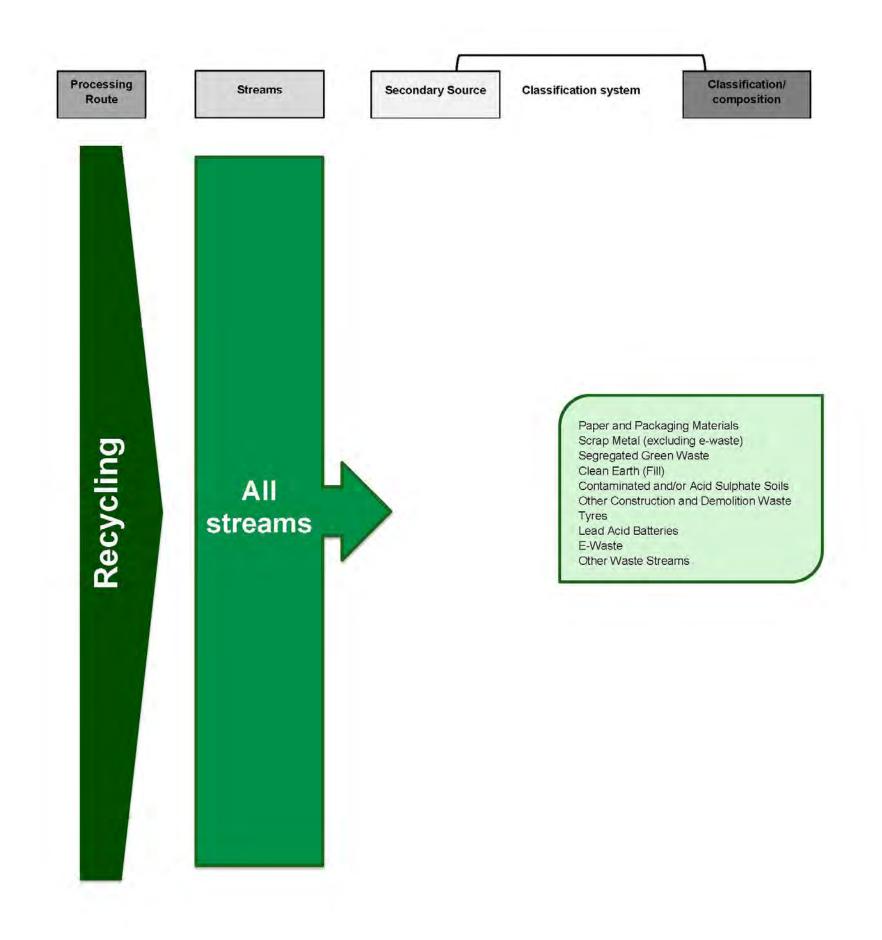
General stockpile to RRA

Report on Issues, Opportunities and Information Gaps in Waste Definitions and Classifications 02 Hyder Consulting Pty Ltd-ABN 76 104 485 289

Page 112

Asbestos

concrete



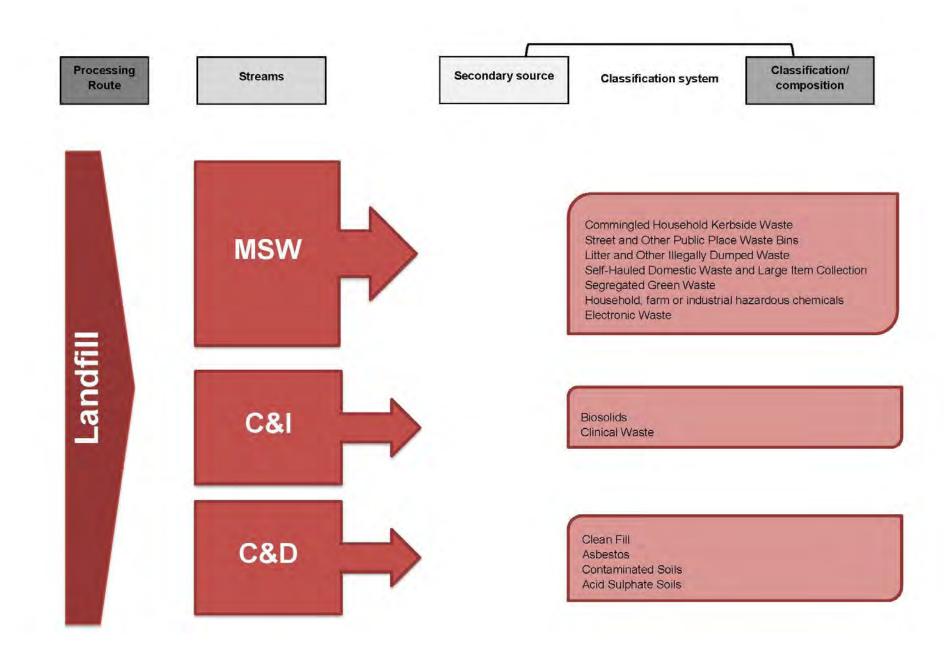
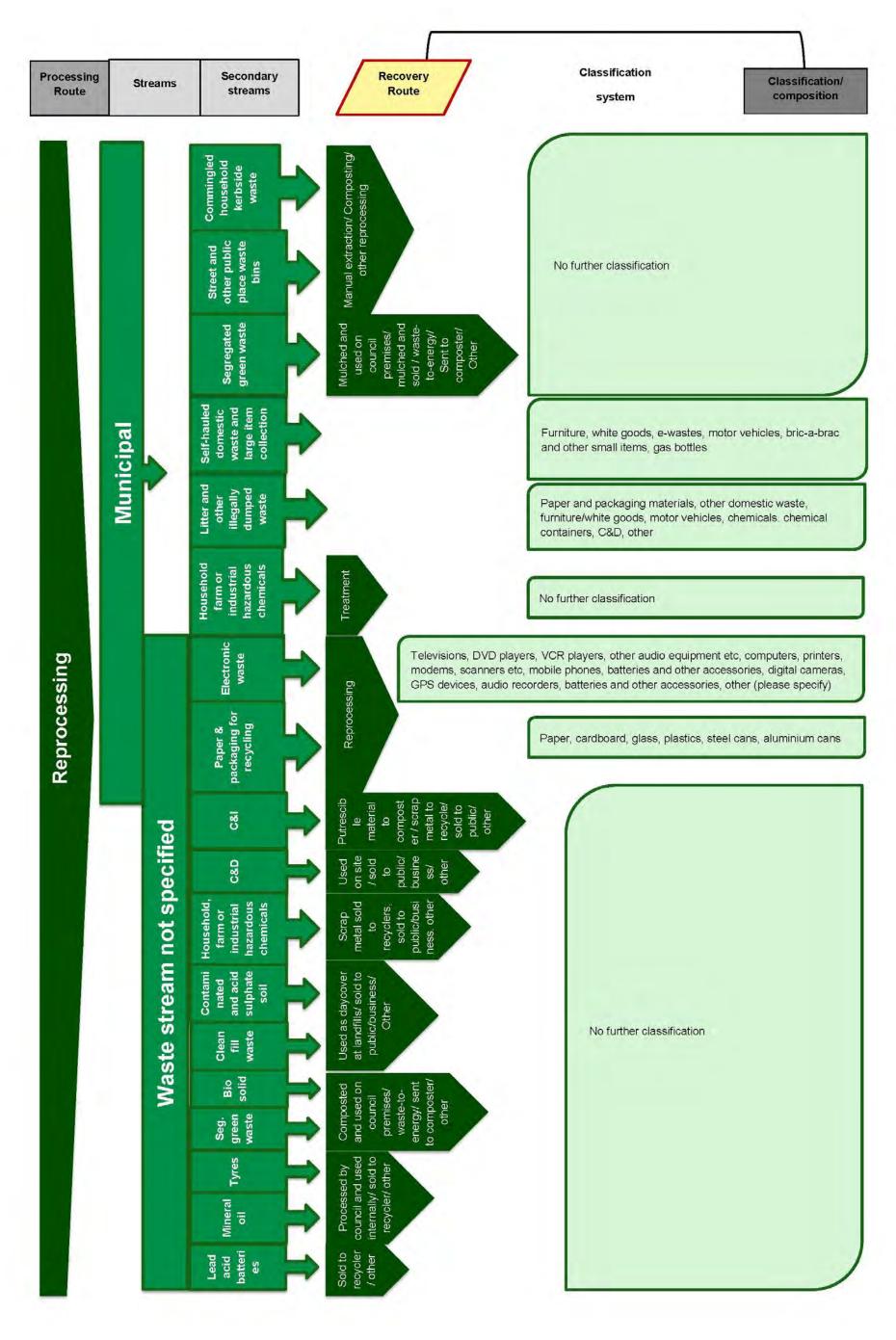
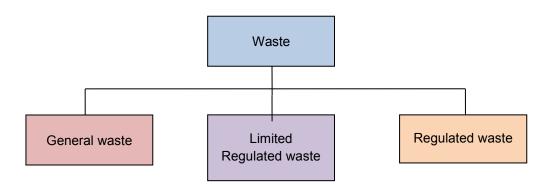


Figure 8-15 Annual Local Government Waste Management Survey – Recovery (DERM)



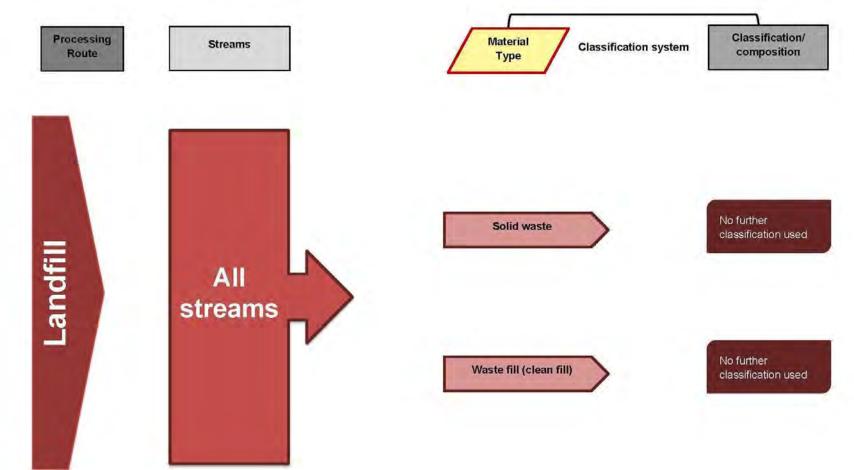
Report on Issues, Opportunities and Information Gaps in Waste Definitions and Classifications 02 Hyder Consulting Pty Ltd-ABN 76 104 485 289





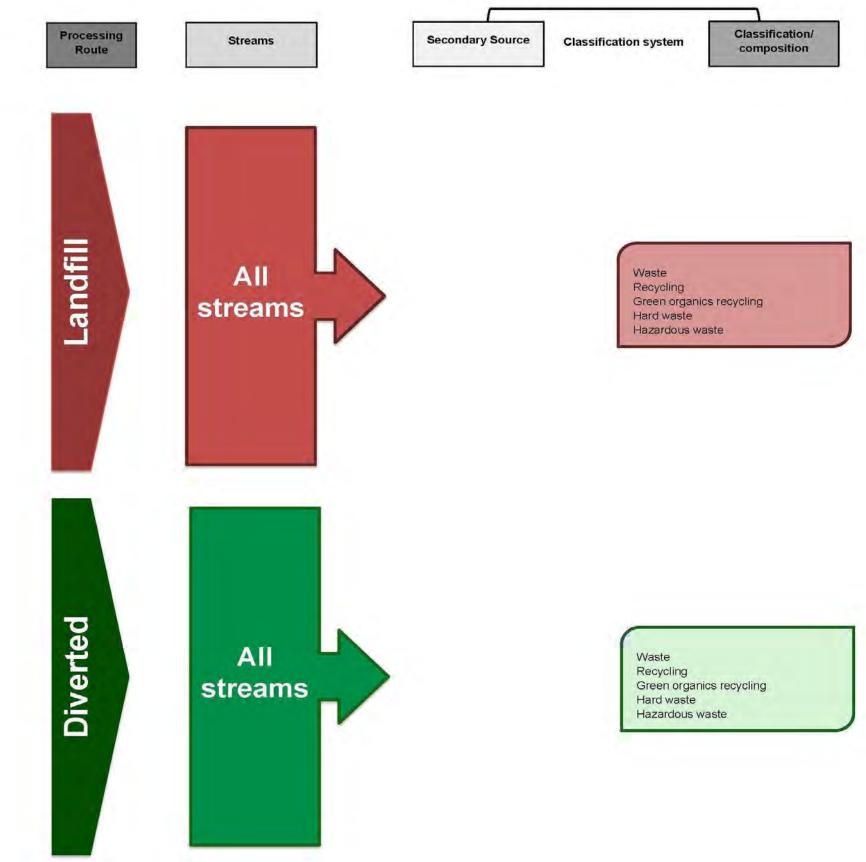
SOUTH AUSTRALIA

Figure 8-17 Annual Landfill Reporting (EPA SA)



Report on Issues, Opportunities and Information Gaps in Waste Definitions and Classifications 02 Hyder Consulting Pty Ltd-ABN 76 104 485 289

Figure 8-18 Annual Local Government Survey (Office of Local Government)



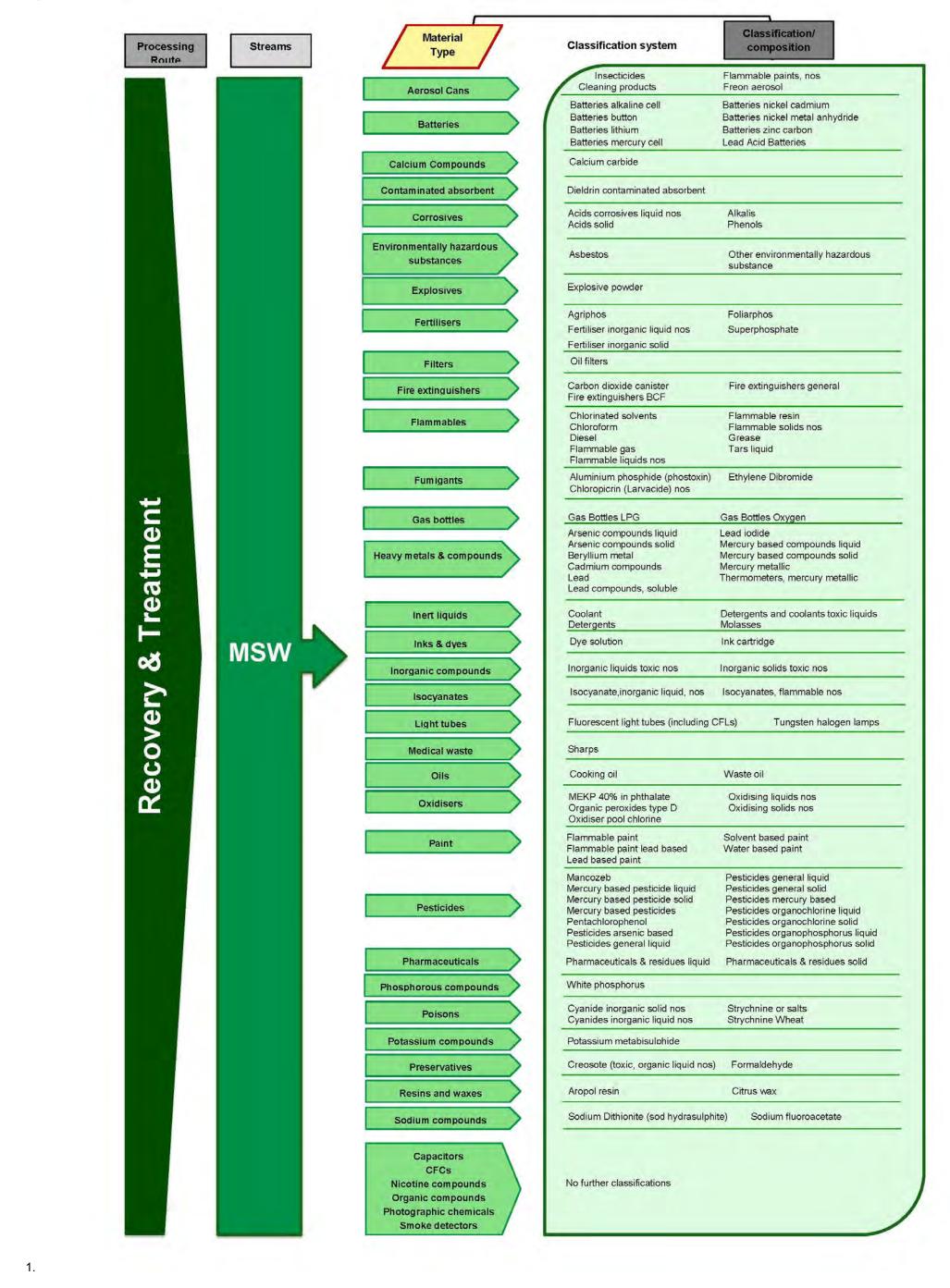
Report on Issues, Opportunities and Information Gaps in Waste Definitions and Classifications 02 Hyder Consulting Pty Ltd-ABN 76 104 485 289

Processing Route	Streams	Material Type Classification system Classification/ composition
		Paper – white office Paper – mixed Cardboard LPB (CDL) LBP
		Glass white (CDL) Glass green (CDL) Glass brown (CDL) Glass white Glass green Glass brown
e & Kecycling	MSW	PET (CDL) (1) PET (1) HDPE (CDL) (2) HDPE (2) PVC (CDL) (3) PVC (3) Polystyrene (CDL) (6) Polypropylene (5) Polyethylene (4)
waste		Aluminium Aluminium (CDL) Steel Steel (CDL) Hazardous Lawn clippings Shrubs/branches Logs Other green waste Food waste Textiles – scrap Textiles – re-usable Other packaging Glass fines Home healthcare

Processing Route	Streams	Material Type Classification system Classification/ composition Masonry Asphalt Bricks Concrete Plasterboard Clay, fines, rubble & soil	
		Metals Steel Aluminium Non-ferrous metals Non-ferrous metals Food organics Garden organics Garden organics Timber Industry organics Grease trap & waste sludge Bio-solids Other sectors Other sectors	
Recycling	All streams	Other organics Cardboard & waxed cardboard Liquid paperboard Magazines Newsprint Phonebooks Printing & writing paper	
Re		Plastics Polyethylene terephthalate High density polyethylene Polyvinyl chloride Low density polyethylene Polypropylene Polystyrene Mixed &/or other plastics	
		Glass	
		Other materials Fly ash Foundry sands Leather & textiles Tyres & other rubber Alternative fuel	



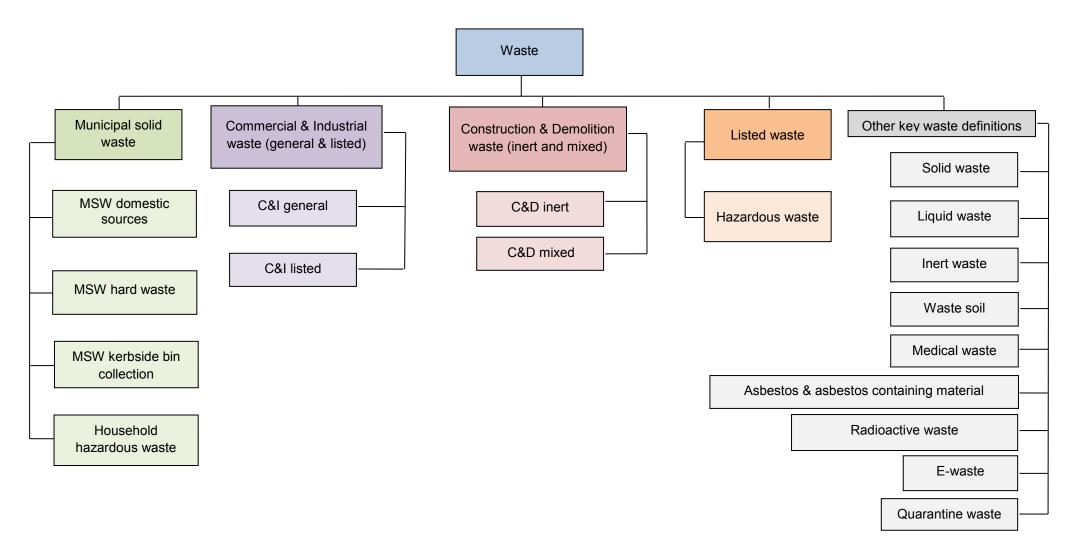
Figure 8- 21 Household Hazardous Waste Collection program reporting (Zero Waste SA)



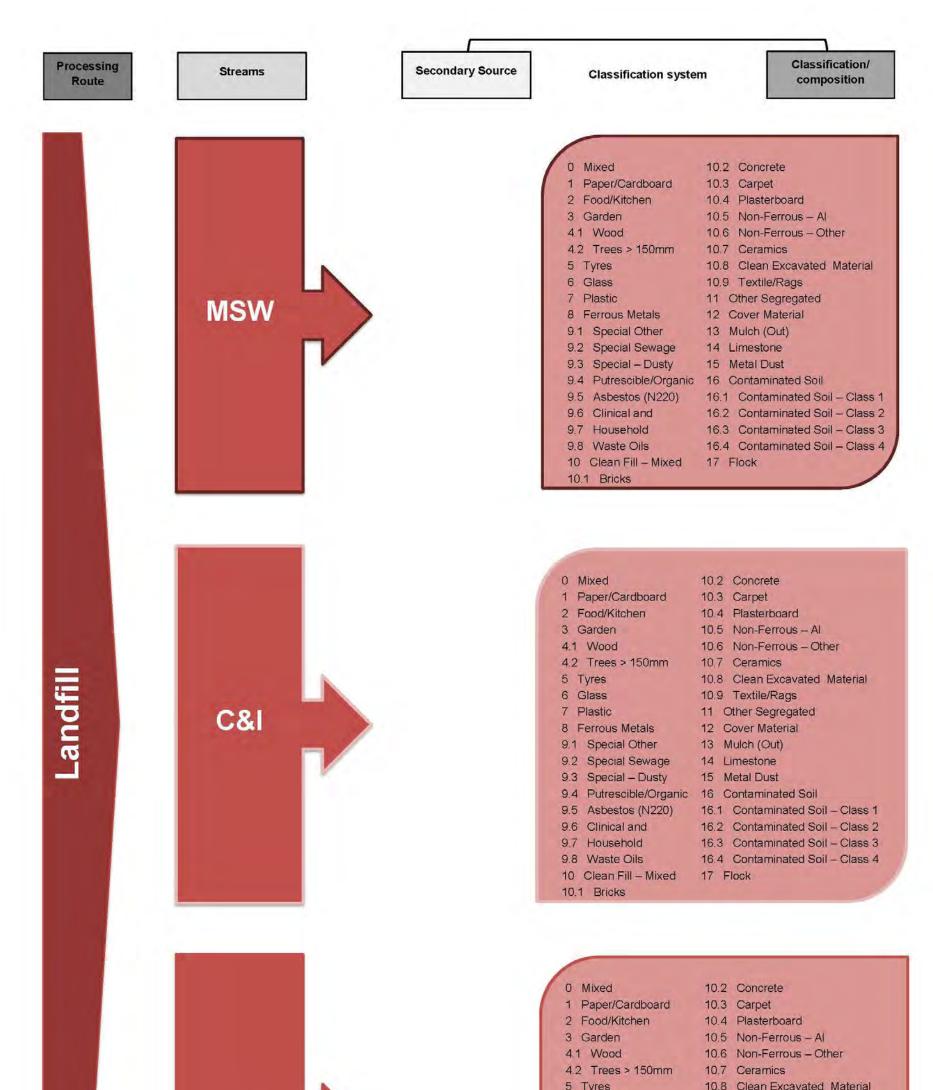
Report on Issues, Opportunities and Information Gaps in Waste Definitions and Classifications 02 Hyder Consulting Pty Ltd-ABN 76 104 485 289

Figure 8-22 South Australia Management and Disposal Classification System

from Australian Waste Classifications - Roles in Decision Making (Hyder, 2011



WESTERN AUSTRALIA





10.0 Clean Excavated Wateria
10.9 Textile/Rags
11 Other Segregated
12 Cover Material
13 Mulch (Out)
14 Limestone
15 Metal Dust
16 Contaminated Soil
16.1 Contaminated Soil - Class 1
16.2 Contaminated Soil - Class 2
16.3 Contaminated Soil - Class 3
16.4 Contaminated Soil - Class 4
17 Flock

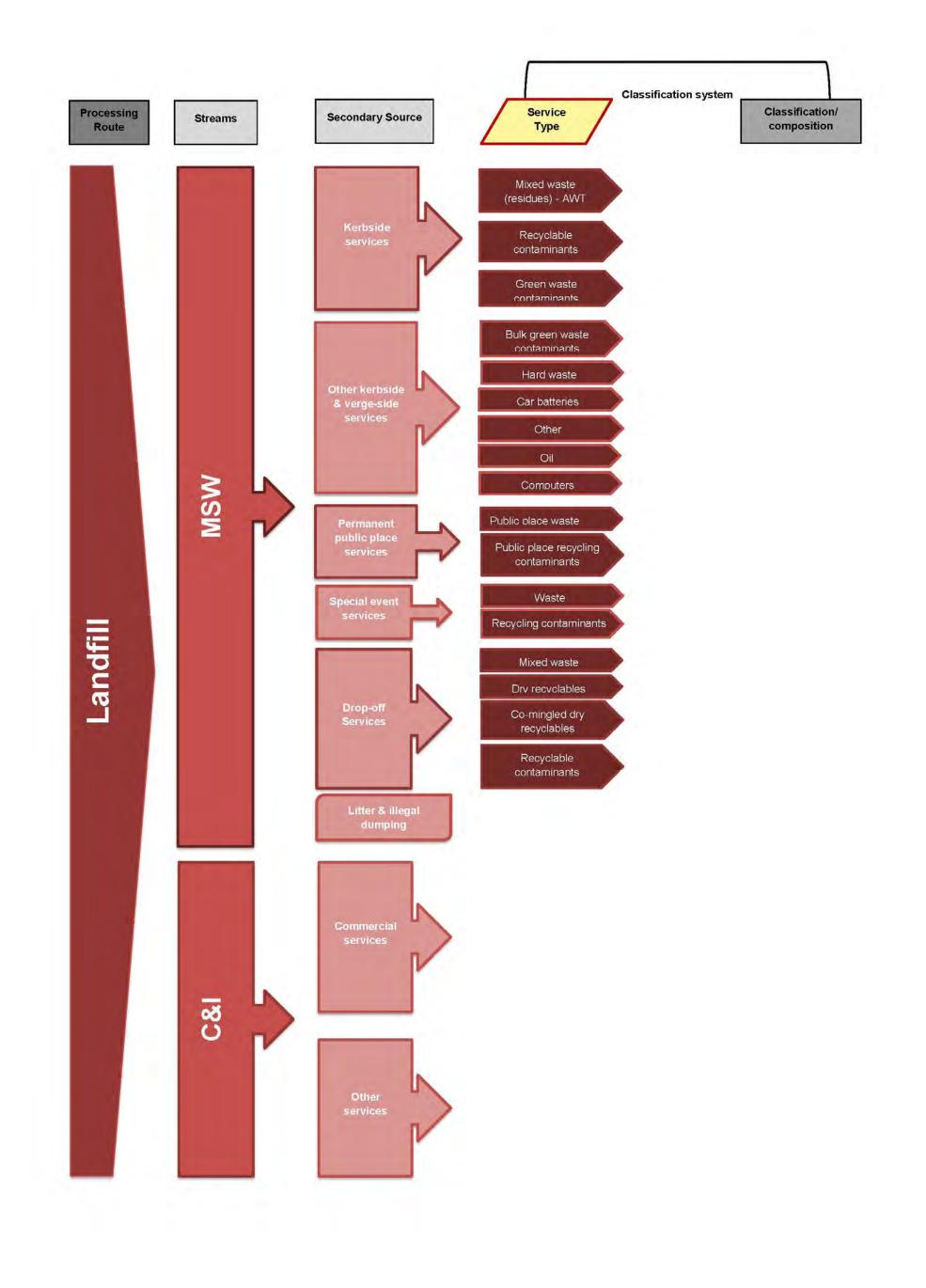
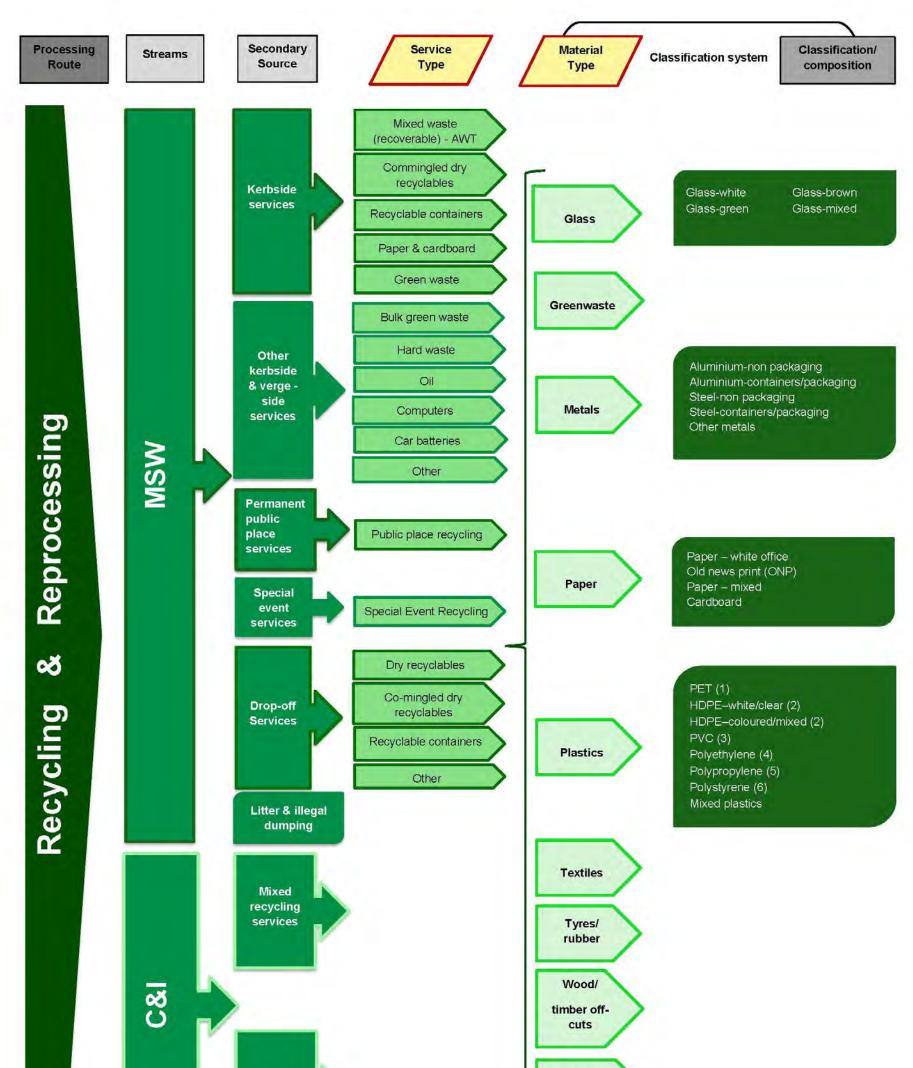


Figure 8-25 Local Government Census – Recovery (DEC)

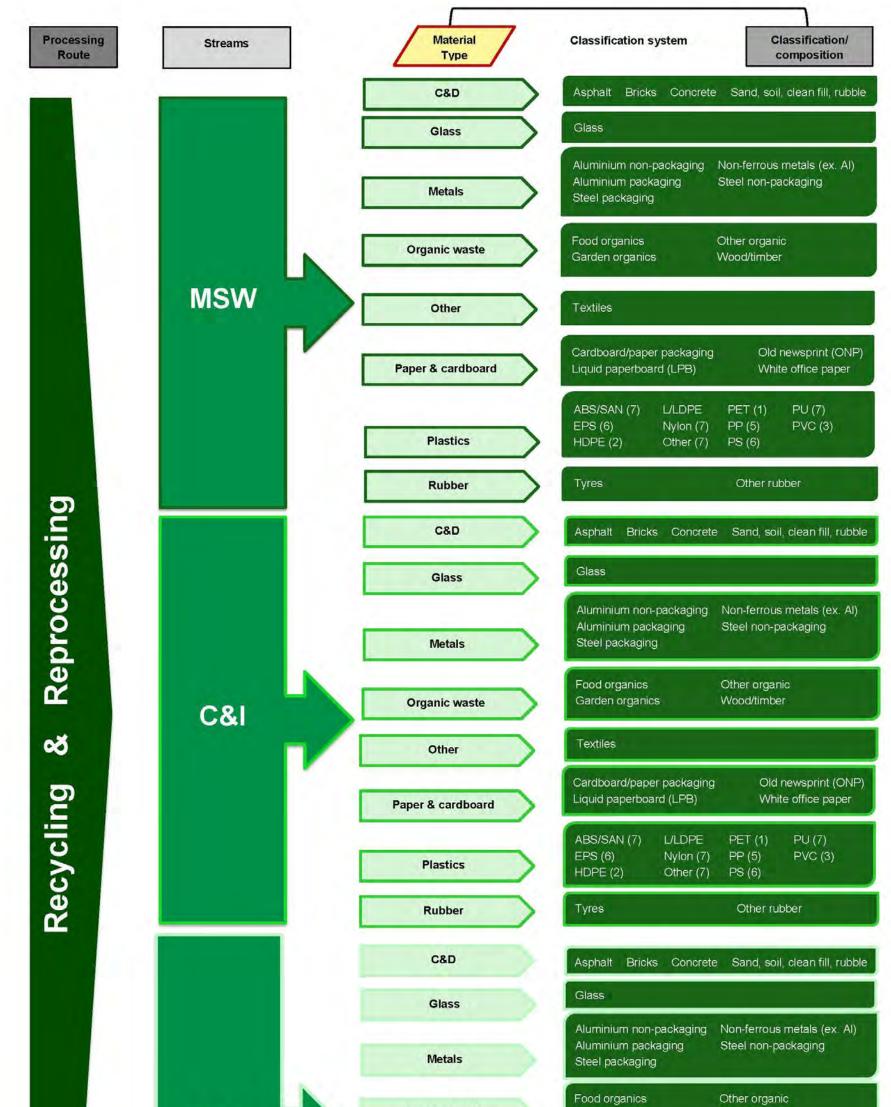






Report on Issues, Opportunities and Information Gaps in Waste Definitions and Classifications 02 Hyder Consulting Pty Ltd-ABN 76 104 485 289

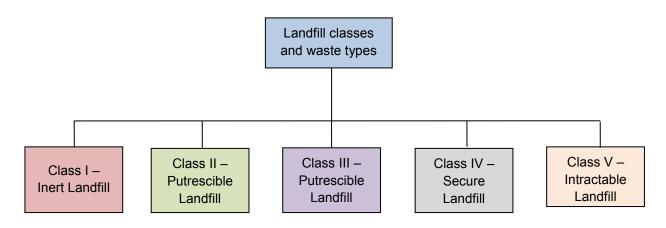
Figure 8-26 Reprocessing Industry Survey (DEC)



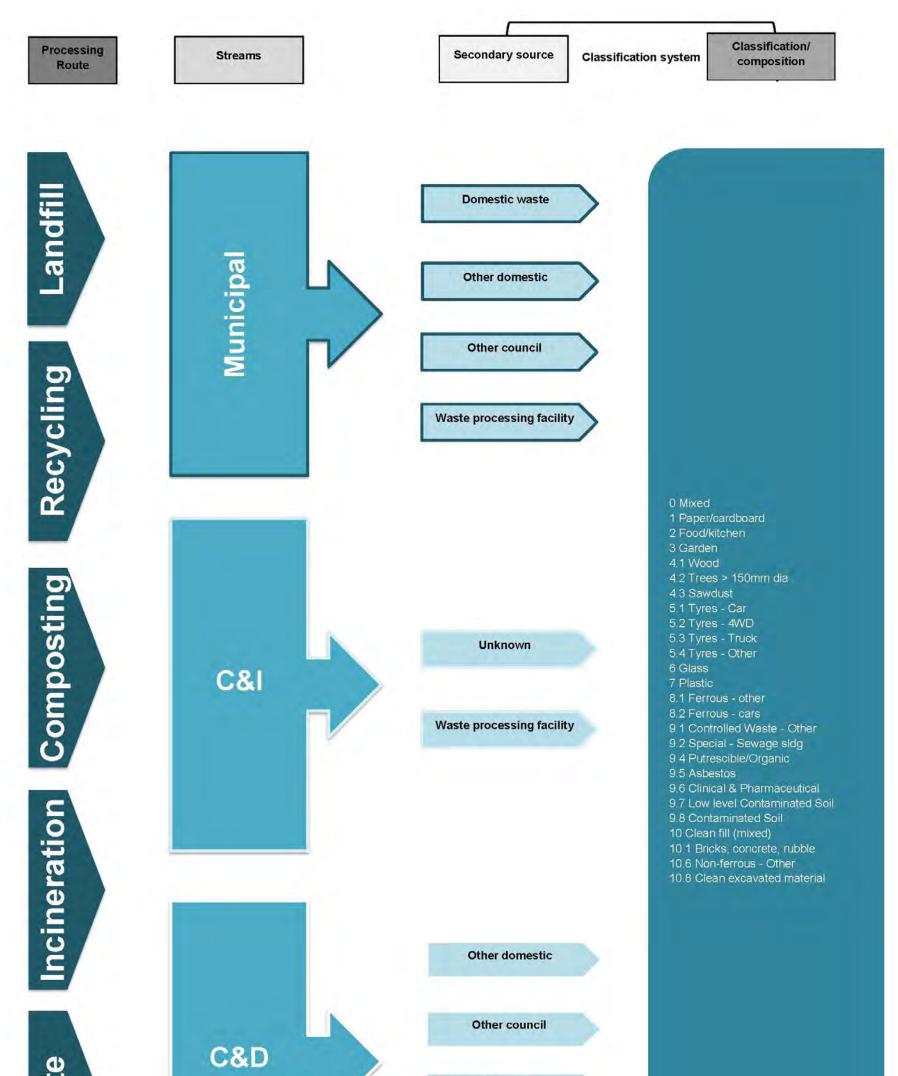
C&D		Organic waste	Garden organics Wood/timber Textiles			
		Other				
	1	Paper & cardboard Plastics	Cardboard/paper packaging Liquid paperboard (LPB)		Old newsprint (ONP) White office paper	
			ABS/SAN (7) EPS (6) HDPE (2)	L/LDPE Nylon (7) Other (7)	PET (1) PP (5) PS (6)	PU (7) PVC (3)
		Rubber	Tyres		Other ru	bber

Report on Issues, Opportunities and Information Gaps in Waste Definitions and Classifications 02 Hyder Consulting Pty Ltd-ABN 76 104 485 289



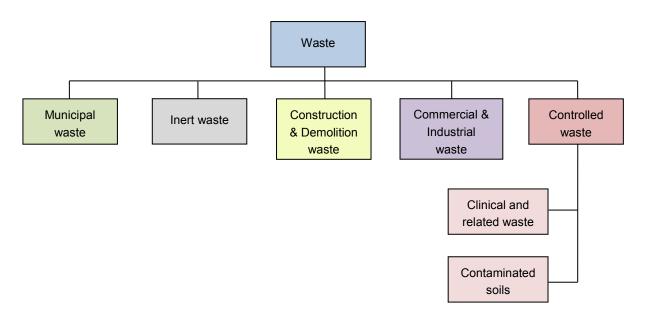


TASMANIA

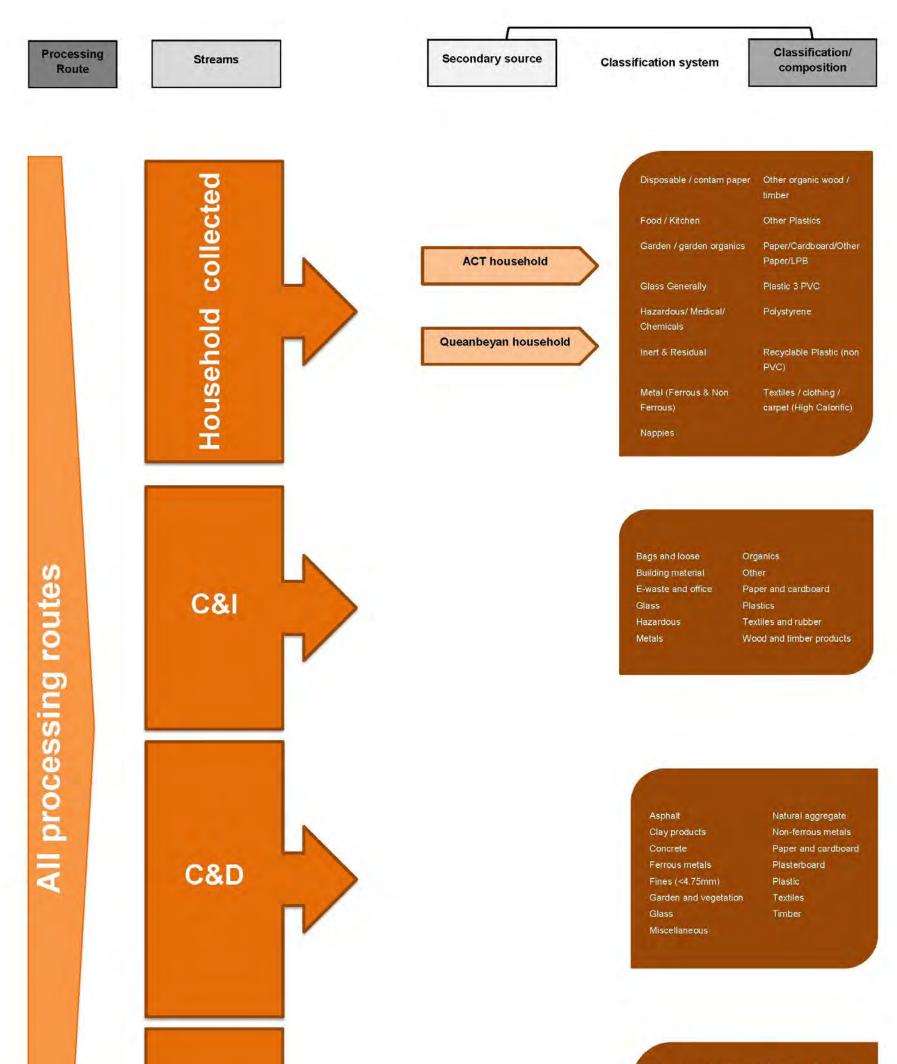




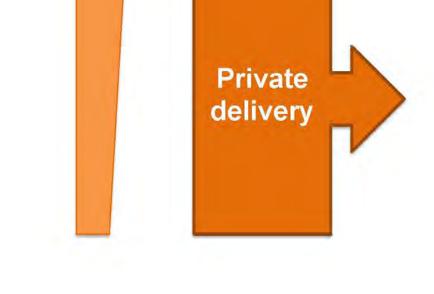




AUSTRALIAN CAPITAL TERRITORY



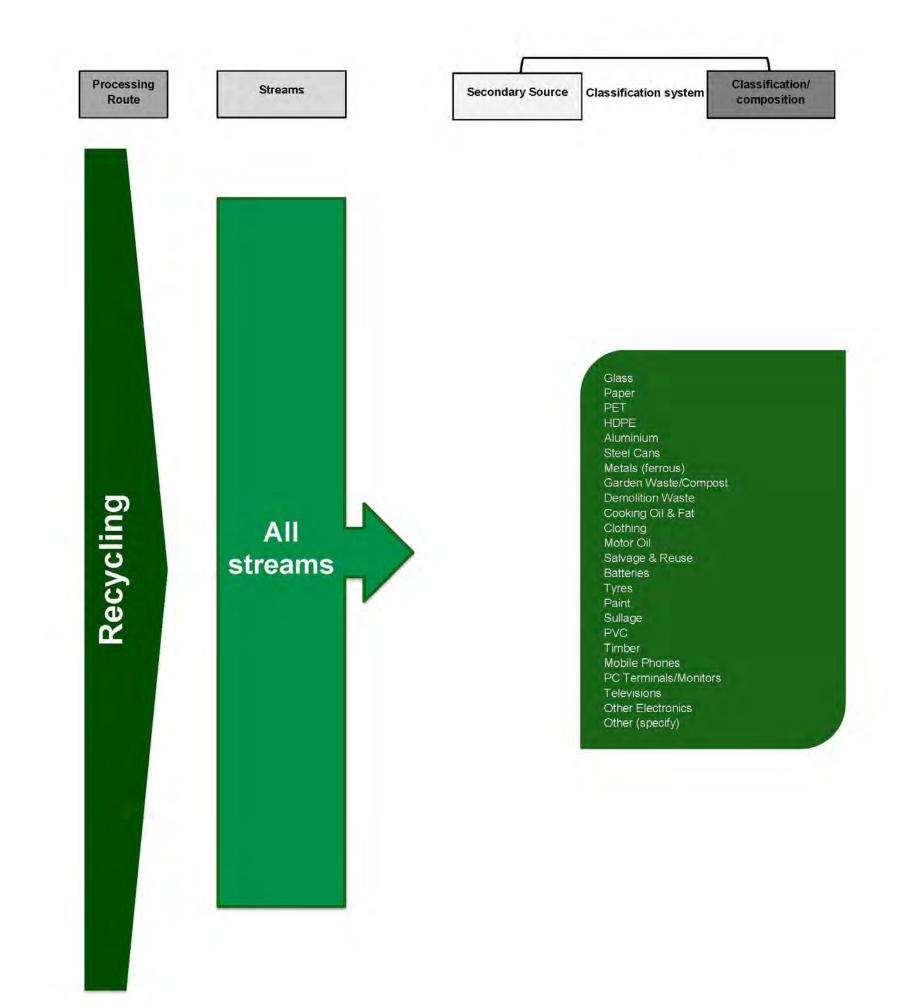
Disposable / contam Other (Elect, Ducting &



Insulation) paper Other Plastics Food / Kitchen Paper/Cardboard/Other Garbage Bags Paper/LPB Garden / garden Plasterboard Glass Generally Plastic Containers Hazardous/Medical/Ch Polystyrene Inert & Residual Rubber Luggage & Mattress Textiles / clothing / Metal (Ferrous & Non

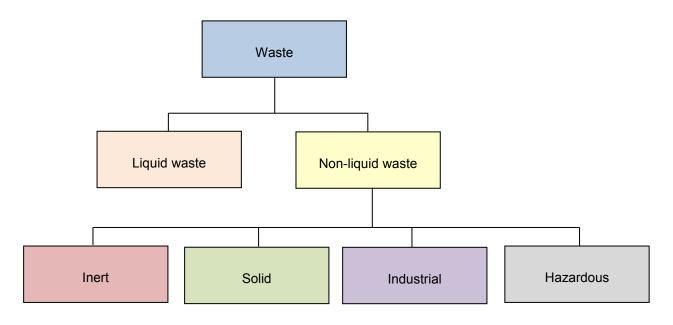
Report on Issues, Opportunities and Information Gaps in Waste Definitions and Classifications 02 Hyder Consulting Pty Ltd-ABN 76 104 485 289

Figure 8- 31 ACT Annual Recycling Industry Statistics Survey (TAMS)



Report on Issues, Opportunities and Information Gaps in Waste Definitions and Classifications 02 Hyder Consulting Pty Ltd-ABN 76 104 485 289





NORTHERN TERRITORY

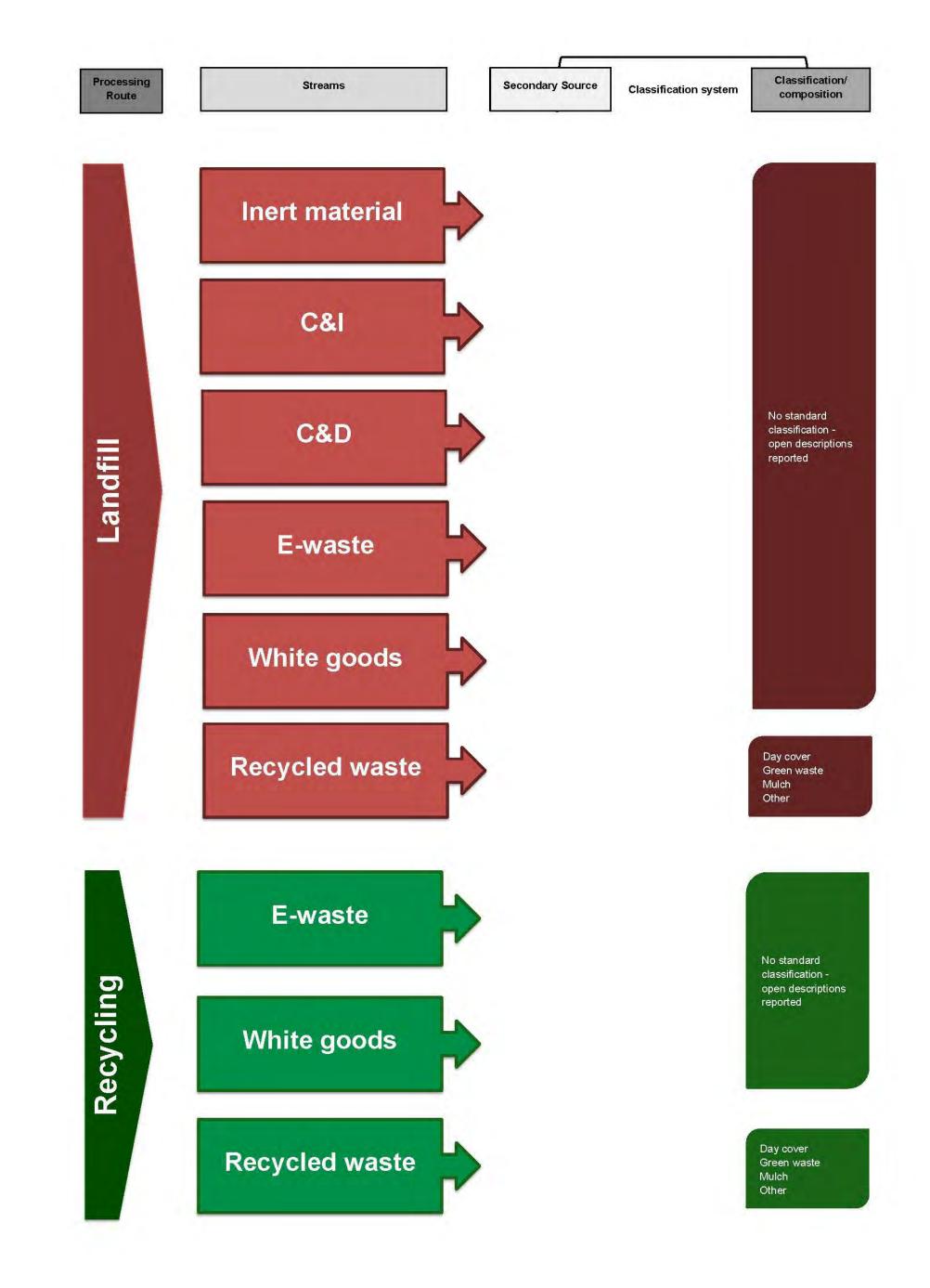


Figure 8- 34 Northern Territory Management and Disposal Classification System from Australian Waste Classifications – Roles in Decision Making (Hyder, 2011

