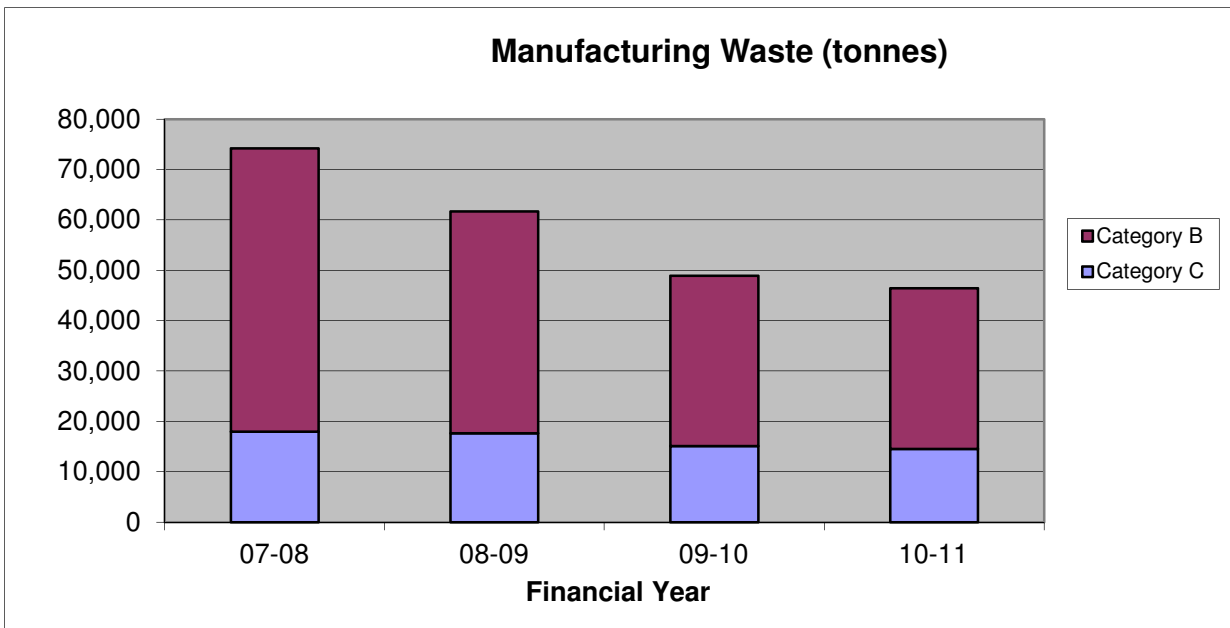




# PRESCRIBED INDUSTRIAL WASTE DISPOSED TO LANDFILL – ANNUAL TRENDS

## Manufacturing Waste

In the 2010/11 financial year, around 462,000 tonnes of prescribed industrial waste were transported to Victorian landfills for disposal. Of this, 46,000 tonnes was from the manufacturing industry, producing everyday goods and services. This represents a continuing trend in the reduction of manufacturing PIW disposed to landfill since 2000. Through avoidance and resource recovery programs, EPA is working with industry towards further reductions in manufacturing waste, using both voluntary and mandatory programs.



Trends in manufacturing waste disposed to landfill (tonnes)				
	2007/08	2008/09	2009/10	2010/11
<b>Category B manufacturing waste</b>	56,224	44,021	33,809	31,875
<b>Category C manufacturing waste</b>	17,974	17,668	15,118	14,547
<b>Total</b>	74,198	61,689	48,927	46,422

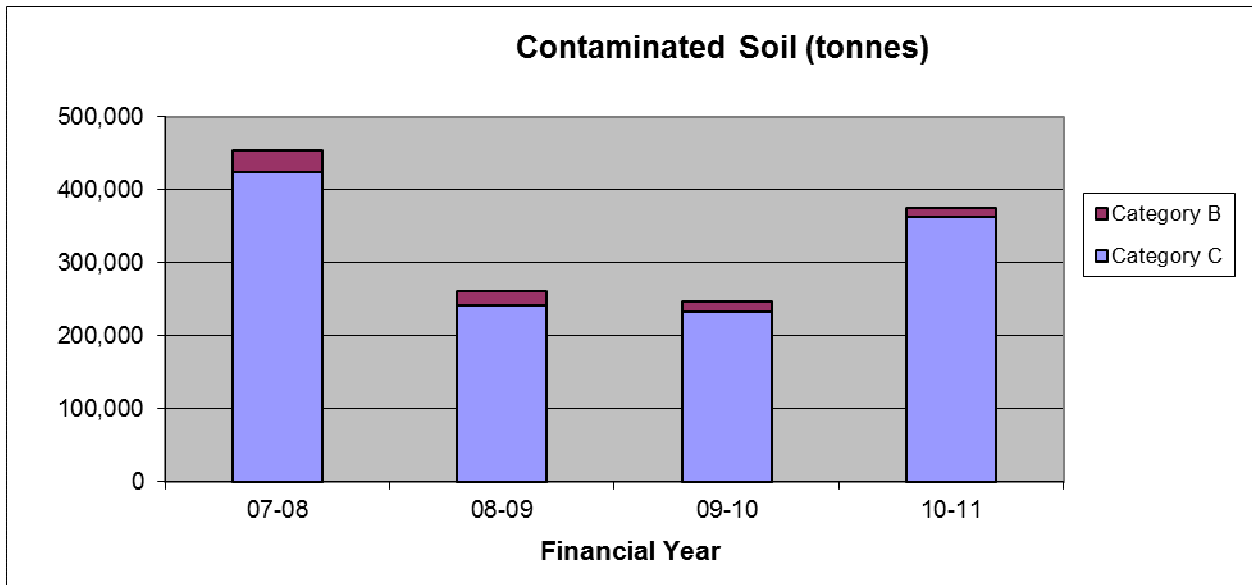
\* This data is based on information provided to EPA by landfill operators.

The Lyndhurst landfill accepts most manufacturing wastes, as it is the only landfill in Victoria licensed by EPA to receive a broad range of wastes, including category B prescribed industrial waste. Hazard categories are defined in Schedule 2 of the Environment Protection (Industrial Waste Resource) Regulations 2009.



## Contaminated Soil

Contaminated soils come from the redevelopment of old industrial sites including petrol stations and major projects such as rail and road developments. Prior to 1 July 2007 soil was categorised as either high or low level, based on an analysis of the levels of contaminants. Following implementation of the Hazard Classification system on 1 July 2007, contaminated soils are categorised as category A (high-hazard and banned from landfill), category B (higher hazard) and category C (lower hazard) contaminated soil. The graph below shows that most soil disposed to landfill was lower hazard, or category C contaminated soil.



Trends in contaminated soil disposed to landfill (tonnes)				
	2007/08	2008/09	2009/10	2010/11
<b>Category B contaminated soil</b>	30,464	18,267	13,324	11,888
<b>Category C contaminated soil</b>	424,376	242,523	233,239	362,560
<b>Total</b>	454,840	260,790	246,563	374,448

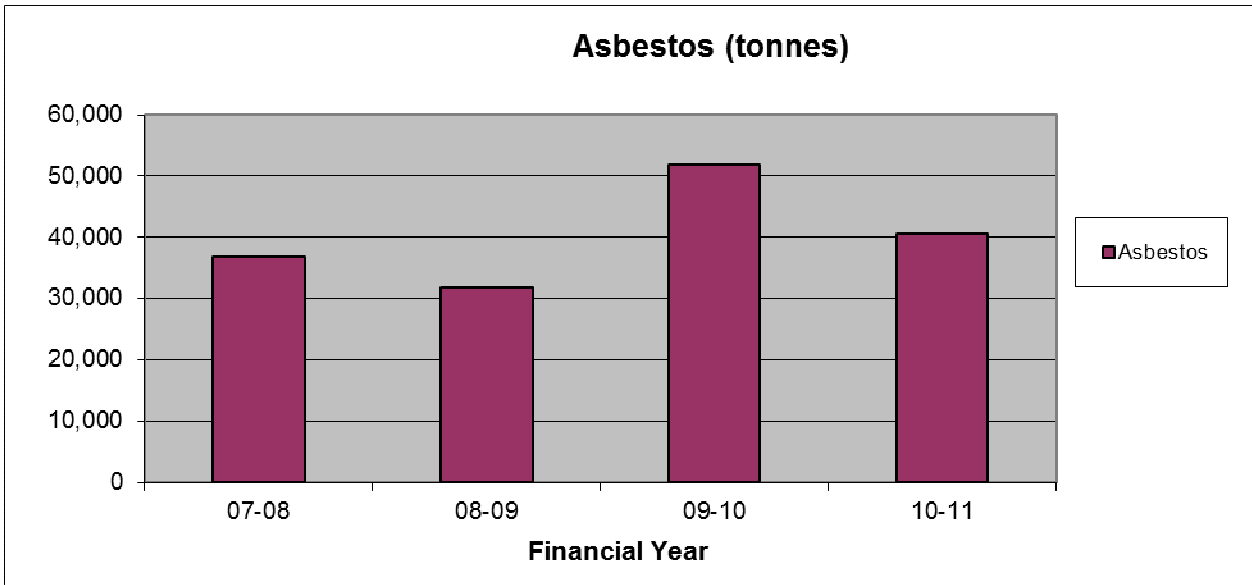
\* This data is based on information provided to EPA by landfill operators.

Hazard categories are defined in Schedule 2 of the Environment Protection (Industrial Waste Resource) Regulations 2009.



## Asbestos

The final category of prescribed industrial waste disposed to landfill is asbestos of industrial or commercial origin. Asbestos waste is a legacy of the period where it was used in construction and manufacturing products as a fire retardant. This waste stream is generated through building demolition or renovations. Quantities are expected to trend down over the long term as asbestos is replaced with other materials.



Trends in asbestos disposed to landfill (tonnes)				
	2007/08	2008/09	2009/10	2010/11
<b>Total</b>	36,772	31,728	51,819	40,643

\* This data is based on information provided to EPA by landfill operators.