



# Recycling in the Park'

## Centennial Parklands

Centennial Parklands located in Sydney's eastern suburbs covers an area of 385 hectares and incorporates three heritage listed parks, Centennial Park, Moore Park and Queens Park. The Parklands offer a wide variety of recreational facilities and attract over five million visits per annum.

## History Of Recycling In The Parklands

Until June 2001 Centennial Park operated a source separated public place recycling service providing separate 240-litre recycling bins for the following items: PET; Glass; Aluminium.

## The Study

The Trust with the assistance of the Resource NSW introduced a co-mingled recycling service across the parklands. Resource NSW also commissioned three waste audits of the parklands.

The co-mingled service aimed to provide a simple service that increased the types of material accepted for recycling in the Parklands. The co-mingled service accepts; PET; Glass; Aluminium Cans; Steel Packaging Cans; and liquid paper containers

## The Audits

**Aim:** To monitor the introduction of the new service

- Audit 1- November 2000 baseline study.
- Audit 2- June 2001 immediately after the introduction of the co-mingled recycling system
- Audit 3- September 2001 study of the system in the warmer high park usage months

Waste audits were conducted on 22 of the 38 waste stations located in the Parklands.



Previous Centennial Park Service



New Centennial Park Co-mingled Recycling Service



## Centennial Parklands: Recycling in the Park



### Results

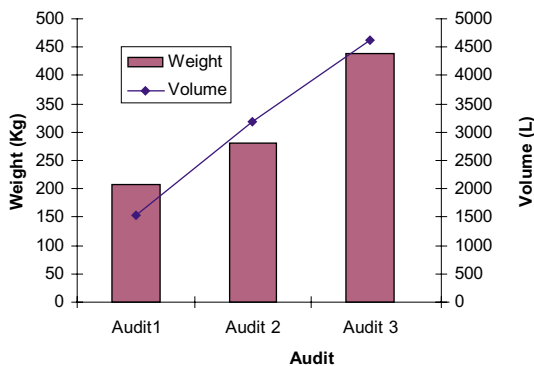
The audit found a dramatic improvement in the usage of the recycling bins from the first to last audit and the recovery rate of most recyclable material. The volume of contamination decreased between the first audit and the final audit, however contamination was still 47% by weight. It was observed in all three studies that paper and cardboard were major contributors to the contamination of recyclables.

Table One: Material Recovery Rates

Material	Recovery Rate			Comment
	Audit 1	Audit 2	Audit 3	
Glass	57%	55%	63%	Increase
Non-Ferrous (aluminium cans)	32%	32%	39%	Increase
PET	25%	33%	45%	Increase
HDPE	0%	11%	72%	Significant Increase
Ferrous (Steel Packaging Cans)	0%	7%	0%	Decrease
Liquid paper containers	4%	4%	0%	Decrease

1. Audit One: Both the source separated and co-mingled services audit two and three.  
Audit Two and Three: Co-mingled
2. Recovery rates refers to the portion of material recycled in comparison to the total amount of that particular material in the overall waste stream.

Figure one: Comparison of the Quantities of Recyclable Material Collected by Each Audit.



### Future for Recycling in the Park

Progress has been made with the recycling service over the audit period, however contamination is still a major issue.

The study will be used to assist in the ongoing education program in the Parklands to reduce the contamination levels in the co-mingled recycling service.

### Further Information

For further information on Public Place Recycling refer to [www.resource.nsw.gov.au](http://www.resource.nsw.gov.au)

Centennial Parklands, Locked Bag 15, PADDINGTON NSW 2021, Phone: (02) 9339 6699, Fax: (02) 9332 2148, Email: [info@cp.nsw.gov.au](mailto:info@cp.nsw.gov.au) Web Site: [www.cp.nsw.gov.au](http://www.cp.nsw.gov.au)

