

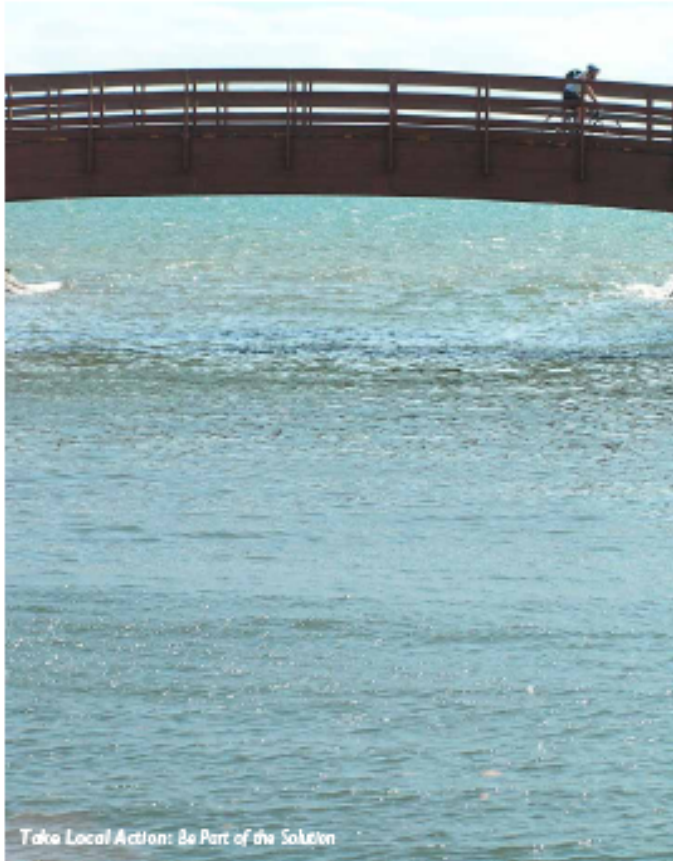


Draft Water Plan

Toward a Water Sensitive City



DRAFT WATER PLAN
TOWARD A WATER SENSITIVE CITY



Take Local Action: Be Part of the Solution

OUR VISION

To transition to a water sensitive city that uses a range of water sources, improves the health of our waterways and bay, and enhances community and environmental wellbeing.



Preparing for a Drier Climate

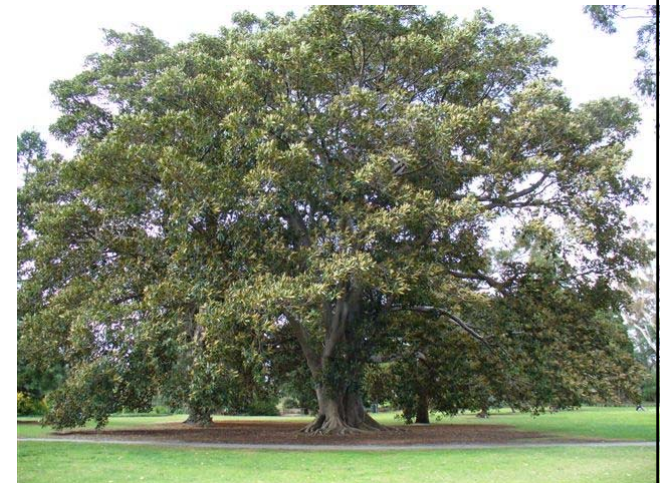
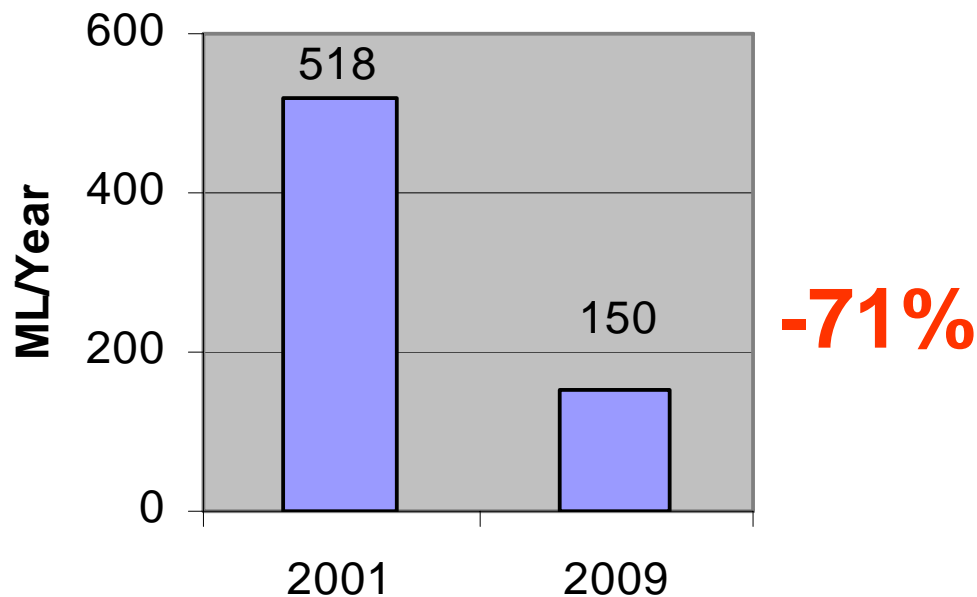


Water Conservation:

- Maintaining water savings made to date
- Improving the health of open space
- Increasing water efficiency across council

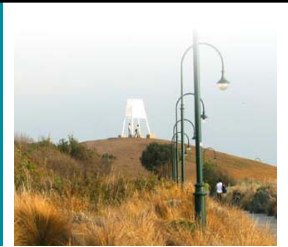


Council Water Use





Diversifying our water supply



Alternative Water Sources:

- Rainwater
- Stormwater
- Wastewater
 - Blackwater (toilets, commercial wastewater)
 - Greywater (showers, basins, laundry)





Protecting Port Phillip Bay



Protecting our bay and waterways from stormwater pollution

- Total suspended solids **778 tonnes year**
- Total nitrogen **11 tonnes a year**
- Total phosphorous **1.6 tonnes a year**
- Litter, oil, heavy metals





Water Sensitive Urban Design



Stormwater Treatment



Raingardens

Porous Paving



Water Efficiency

Water efficient fixtures & appliances



Irrigation upgrades

Drought tolerant plants

Water Capture & Reuse



Rainwater tanks

Greywater reuse

Stormwater harvesting

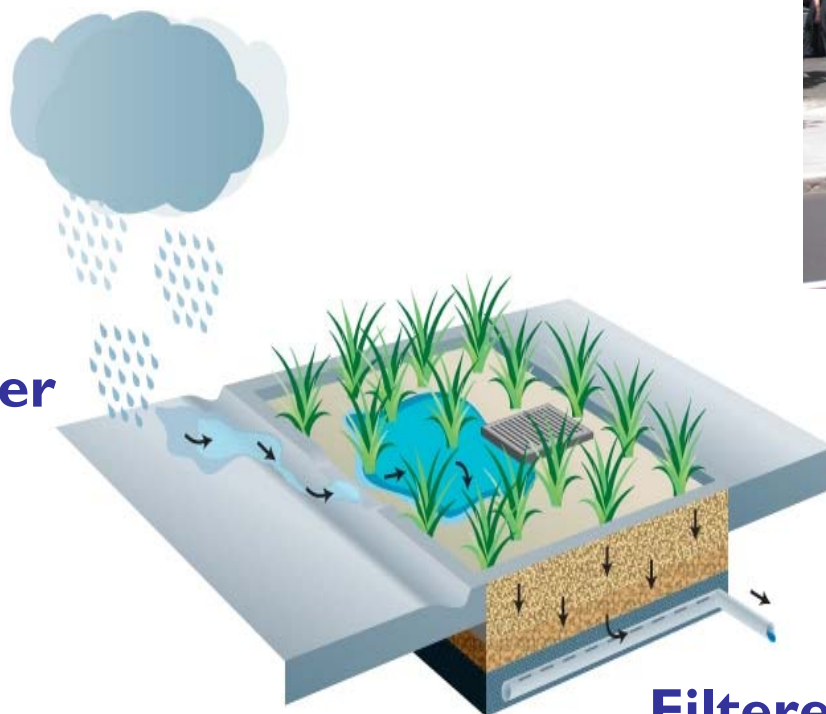




Raingardens at work



**Polluted
Stormwater**



**Filtered
Stormwater**

Image courtesy of Melbourne Water



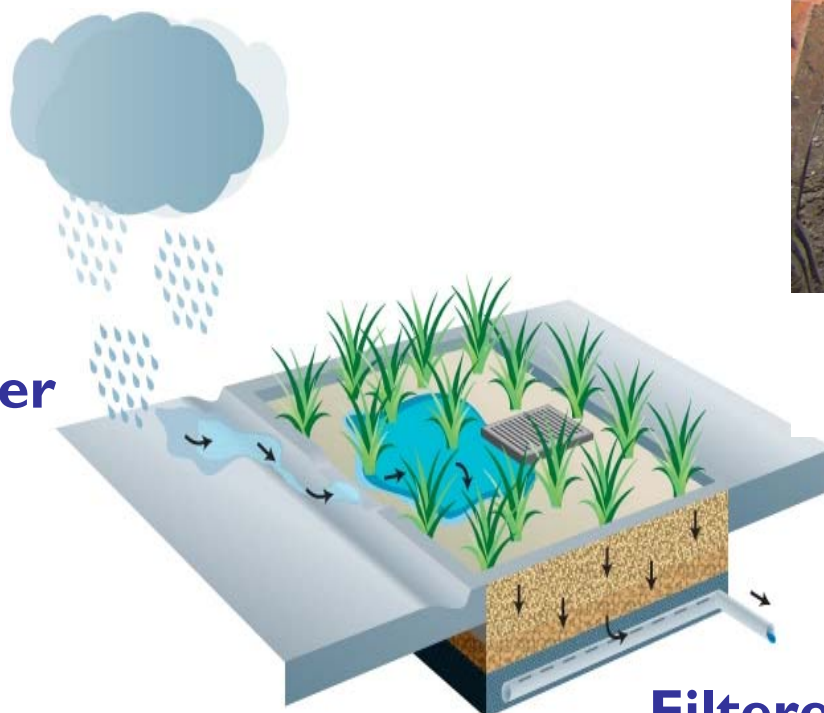
Coventry St, South Melbourne



Raingardens at work



**Polluted
Stormwater**



**Filtered
Stormwater**

Lyndsay Avenue, Elwood

Image courtesy of Melbourne Water



Five Key Strategies

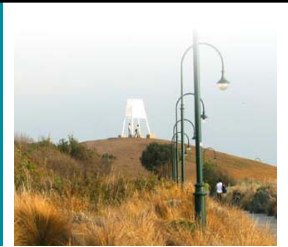


1. Make water sensitive urban design standard practice within council
2. Water efficiency for parks, gardens and facilities
3. Water sensitive urban design in roads, drainage and streetscape works
4. Stormwater harvesting for open space
5. Help you to implement water sensitive urban design in your home and business





Partners for a water sensitive city



**Melbourne
Water**

**South
East
Water**

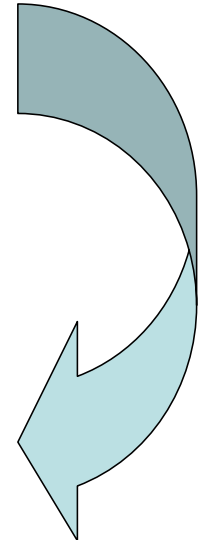
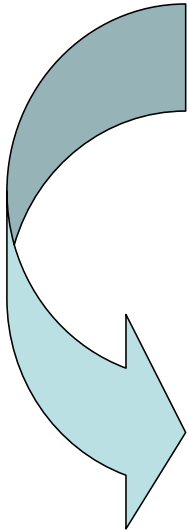
**Port
Phillip
Community**

Council

**Local,
State and
Federal
Government**

**Water Conservation and
Stormwater Quality Improvement**

Local Partnerships





How will we get there?



Draft Open Space
Water Management
Plan

Streetscapes

Buildings

Key Action Areas

Trees

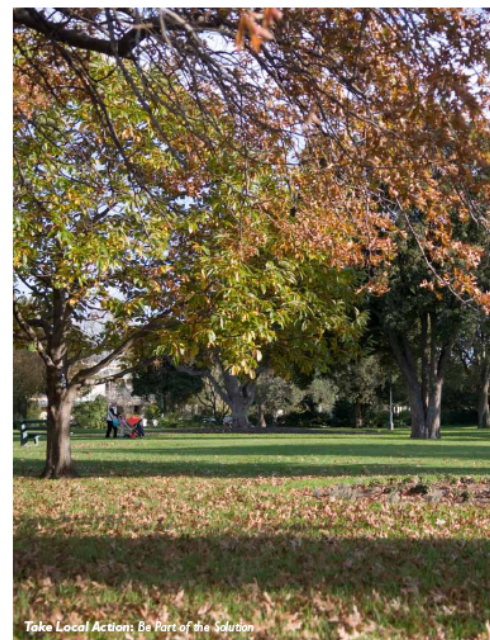
Stormwater harvesting

Irrigation upgrades

Landscape adaptation

Education

OPEN SPACE
WATER MANAGEMENT PLAN
TOWARD A WATER SENSITIVE CITY



Take Local Action; Be Part of the Solution



What do you think?



- 1. What do you imagine a water sensitive city would look like? What would be happening?**
- 2. Is the plan meeting that vision?**
- 3. What is missing from the plan?**
- 4. What is stopping us from getting there?**