

School Water Check-up

School: _____

Date: _____

The M.A.D. Water Team is: (Students first names)

Our school water comes from: (please circle)

Rocky Creek Dam

Emigrant Creek Dam

Tanks

River or creek

Spring / groundwater

Recycled water

Other: _____

Fill in the following from the last bill:

Cost per bill = \$

Usage per person

1. Kilolitres per day =

2. Number of students and staff =

3. Water per student and staff per day =
(x 1.6 weekend and holiday factor)

4. How many buckets per person per day? =
(divide #3 by 9 litres)



To complete the check-up

- Write in water uses for each check-up area, e.g. flushing.
- Put a 1 for each item you find in each area.
- Add up the total number of savers and the total number of wasters, and fill in the scoring box. (The score is worked out from savers divided by wasters.)
- Colour in each star for each area, see 'How many stars' below.
- Add up the total stars and colour the stars on the front page of this booklet.
- Next, 'Take action for water conservation', see pages 6 and 7 of this booklet.



A full star, all coloured in if:

All the items found are water savers (no water wasters in the area).

Half star, half coloured in if:

The score is one, or greater than one, e.g. 4 savers, 3 wasters, is $4/3 = 1\text{-}1/3$.

No star, no colouring in if:

The score is less than one, e.g. 5 savers, 9 wasters, is $5/9 = \text{less than } 1$.



Blue-star label

This is Australia's water efficiency labelling scheme that requires certain products to be registered and labelled with their water efficiency rating.

www.energyrating.gov.au

Check-up area 1 Children's (toilet) hand basin taps

Water uses:

Number of water savers:

Aerators in taps

Mixer taps

Spring-loaded taps

Number of water wasters:

Taps without flow restrictors and/or not spring-loaded

Leaking taps

Savers

Wasters

Children's (toilet) hand basin taps rating



Watch out for the blue-star water rating label. The more stars, the less water used, e.g. spring-loaded taps are 3-stars and save water by springing back to off.



Check-up area 2

Children's toilets

Water uses:

Number of water savers:

Dual flush

Single flush with flow reduction

Waterless urinals

Urinals with flow reduction

Sensor urinal

Compost toilet

Savers

Number of water wasters:

Single flush

Leaking toilets

Urinal - cistern with flush

Continual flow urinals

Wasters

Children's toilets
rating



Dual flush toilets use 6 and 3 litres, but older single flush toilets use 12 litres.



Check-up area 3

Staff toilets, taps, shower

Water uses:

Number of water savers:

Dual flush

Single flush with flow reduction

Aerators in taps

Mixer taps

Water saving shower rose

Shower timer

Compost toilet

Savers

Number of water wasters:

Taps without flow restrictors
and/or not spring-loaded

Leaking taps

Single flush

Leaking toilets

Non-water saving shower rose

Wasters

Staff toilets, taps
and shower rating



3-star shower roses use 9 litres a minute, but other models use 25 litres.



Check-up area 4

Other indoor areas

e.g. canteen, class or staff rooms

Water uses:

Number of water savers:

Aerators in taps
Mixer taps
Spring-loaded taps
3+ star rated dishwasher
Paint brushes washed in a bucket

Savers

Number of water wasters:

Taps without flow restrictors and/or not spring loaded
Leaking taps
Non-water saving dishwasher

Wasters

Other indoor
areas rating



Flow restriction devices in taps can reduce the flow by up to 50%.



Check-up area 5

Outdoors

Water uses:

Number of water savers:

Tank
Lawns watered by rain only
Spring-loaded bubblers
Hose nozzles
Tap timers
Mulched gardens
Native plants
Broom used for cleaning
Vandal-proof taps

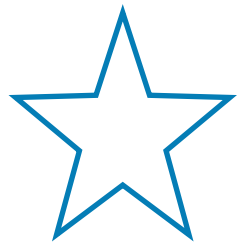
Savers

Number of water wasters:

Leaking taps or bubblers
Bubblers or taps without flow restrictors and/or not spring-loaded
Sprinklers or no hose nozzle
Outdoor taps
Non-native plants
Hose used for cleaning

Wasters

Outdoor rating



Local native plants and mulched garden beds will require no watering.

Take action for water conservation

Now your school has a star rating.
This gives you a basic picture of your school's water use,
conservation, or wastage.
The next step is to take action!

What can the students do?

With awareness and behavioural changes,
students can make a difference.

Ideas:



Possible water conservation actions by the students

1. Start a class water monitoring system.
2. Write an article for the school newsletter about the M.A.D. Water Team.
3. Write a letter to the local paper about saving water.
4. Design and plant a waterwise garden.
5. Perform an assembly item about water saving at school.
6. Design and put posters in the toilets or by the bubblers.
7. Conduct a student survey about water values or usage.
8. Put water saving tips on the school website.
9. Plan a water conservation event or day.
10. Organise fundraising for aerators, dual flush toilets, single flush displacement devices, or a rainwater tank.
11. Monitor the water meter and graph the school water consumption. Present at an assembly.
12. Paint a school mural with a water theme.

The next step

is to take action for water conservation
and increase your star rating.

What can the principal, staff and school management do?

With planning, policy and infrastructure changes,
school management can make a difference.

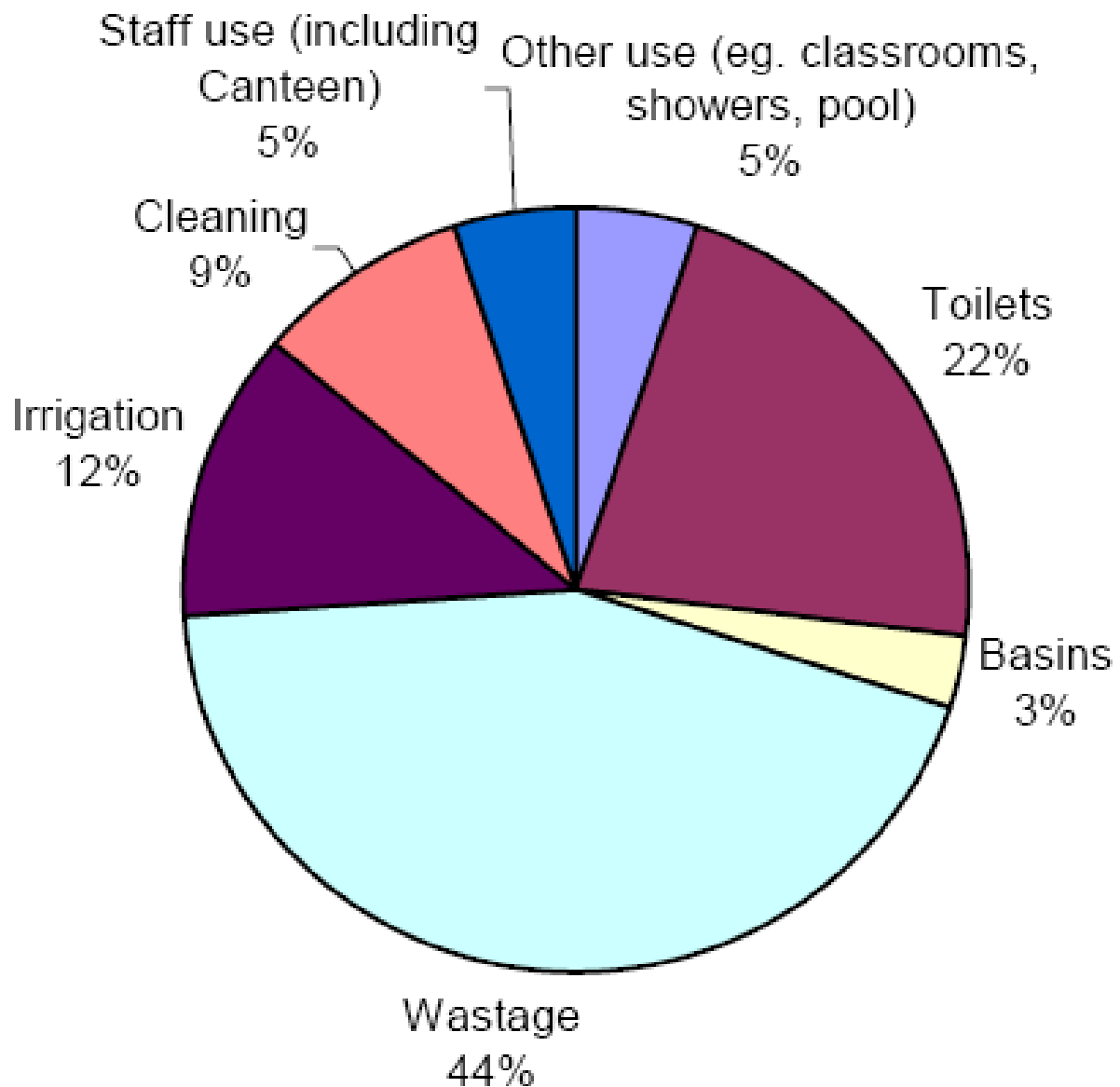
Ideas:



Possible water conservation actions by school management

1. Create a waterwise award.
2. Consider soil and sprinkler flow rates to reduce watering outside.
3. Remove weeds and plant natives, and regularly mulch gardens.
4. Reduce the flow in all taps with aerators and other flow restriction devices.
5. Upgrade toilets and urinals to water-saving models.
6. Ensure early detection and maintenance of damage and leaks to toilets and taps.
7. Work with cleaners to ensure water efficient practices, e.g. sweep paved areas or use high pressure low volume cleaners.
8. Replace shower roses or dishwasher with water efficient models.
9. Review paint brush cleaning methods.
10. Develop a school water management plan.

Water use in schools (in the Sydney Water area)



**For Rous County Council water education
programs and resources**

Visit: www.rous.nsw.gov.au