



## Class B recycled water

- Recycled water is treated effluent. Everything that is washed down the kitchen, laundry and bathrooms sinks, as well as the toilet, is effluent. After being piped through the sewerage network to sewage treatment plants, the effluent is "cleaned" to standards set by the State Government.
- Recycled water can be used for irrigating parks, gardens and playing fields, dust suppression, soil compaction and many other uses, according to its quality.

## Why is recycled water being used?

- Using recycled water helps to reduce the amount of nutrients going into our waterways, and saves valuable drinking water for personal use, drinking and hygiene.

## Is recycled water safe?

- When used correctly, recycled water is safe for all approved uses. Appropriate precautions must be considered when using recycled water. Unitywater's recycled water is produced and monitored to meet stringent quality guidelines set by the State Government.

## Approved uses for Class B recycled water

The table below shows approved uses for Class B recycled water. Appropriate precautions must be employed at the point of use. A list of appropriate precautions can be found on the following page.

Use	Class B suitability
Irrigation of residential gardens and lawns (above ground)	—
Irrigation of residential gardens and lawns (below ground)	—
Dust suppression, compaction	✓ <sup>a</sup>
Watering parks, playing fields, footpaths and roadside plants	✓ <sup>a</sup>
Filling fenced ponds, lagoons and dams (not used for recreational purposes)	—
Filling non-fenced ponds, lagoons and dams (not used for recreational purposes)	—
Road works	✓
Washing cars	—
Washing animals (except pigs)	—
Hydraulic testing of sewer infrastructure	✓
Irrigation of landscaping on construction sites	✓ <sup>a</sup>
Filling or topping up of swimming pools	—
Filling or topping up of residential "non-drinking water" rainwater tanks	—

✓ the listed class of recycled water is suitable for this use. — the listed class of recycled water is NOT suitable for this use.

✓<sup>a</sup> use is accepted only under strict site controls including site management plans

## First aid measures

- If you accidentally drink recycled water and experience any symptoms such as vomiting and diarrhoea, please seek medical advice.
- If recycled water is splashed into your eyes, flush immediately with ample amounts of potable water.

## Environmental considerations

- Restrict the amount used to avoid ponding of water and minimise runoff into waterways.
- Like our drinking water supplies, recycled water is a precious resource – please use it wisely.



## Precautions for safe use

Recycled water is **not approved for drinking purposes**. Please follow the precautions in the table below and apply normal hygiene practices:

### Precaution

Implement a recycled water management plan for the site. Unitywater customer service will assist you to develop your plan from our template.

Restrict public access to the recycled water by:

- allowing a minimum 30-metre buffer zone between the public and the nearest public access point; and
- ensuring no spray drifts beyond boundaries of the recycled water usage site.

Control any drifting spray by, for example: ensuring low boom spray positions; using large-sized nozzles on spray equipment to create large droplets instead of mist; not using recycled water in windy conditions; or using vegetation screening.

If using recycled water, wash hands with soap and potable water (town water) before eating, drinking or smoking and at the end of the working day.

Minimise your exposure to Class B recycled water by:

- wearing waterproof gloves at all times;
- conducting a risk assessment on the use of recycled water in the workplace; and
- ensuring all employees or others exposed to recycled water are trained in appropriate health and safety procedures.

Ensure correct signage is in place and that it is legible. Consider languages other than English if appropriate to the location.

Ensure that recycled water equipment, taps, pipes, tanks etc are appropriately labelled with "recycled water", "non-potable water" or "not for drinking", and that the colour lilac (purple) is used for all pipes and accessories. All taps should be lockable.

Do not irrigate with recycled water if there is a risk that the public will ingest, breathe or make skin contact with droplets.

Do not drink, shower or bathe in recycled water.

After contact with skin, wash immediately with potable water.

Avoid contact with eyes – wear safety glasses or similar.

