

## reWater at Lightsview



Every day, residents of Lightsview actively demonstrate their care for the environment.

They do so by being part of a Sustainable Housing Community – one that is committed to making the most of available resources without wastage.

This includes resources like water – which is why an alternative supply, reWater is available to every home at Lightsview.

#### SAFE TO USE

reWater is produced and monitored to meet stringent quality standards

# <u>What is reWater</u>

ENVIRONMETALLY RESPONSIBLE Sourced from captured and treated stormwater runoff

ReWater is the name applied to a piped supply of recycled or reclaimed water .

ReWater is defined as any non-potable reclaimed, recycled or reused water. This may include recycled stormwater, recycled effluent, native groundwater or any combination of these waters. It may also include any combination of reWater with potable water or rain water. It is generally used for purposes such as irrigation and industrial process water. While safe to use, it is NOT considered suitable for drinking.



## Who Is Water Utilities Australia?

# Water Utilities Australia Lightsview ReWater





Water Utilities Australia Pty Ltd is an independent private company, licensed under the Essential Services Commission of South Australia (ESCOSA) to provide sustainable recycled (reWater) water services.

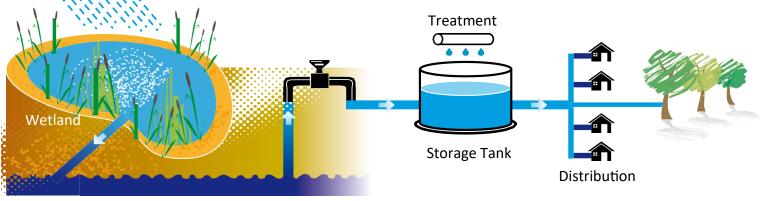
Water Utilities Australia is responsible for the distinctive coloured lilac (purple) pipe system leading up to your reWater meter. The lilac pipe system is independent of the drinking water (mains water) pipe system.

Water Utilities Australia will be your customer service provider for reWater and will provide you with quarterly bills detailing your usage. You will continue to receive an account from SA Water which includes a sewage access charge and the "Save the River Murray" levy as well as fees for access to and usage of potable water.

### Where does Lightsview reWater come

The reWater supplied to Lightsview is of exceptionally high quality. It is sourced from storm water runoff, captured in wetlands and stored in underground aquifers before being pumped to Lightsview. Wetlands are nature's way of cleaning polluted water, however further treatment is provided by injection of the water into aquifers which exist underneath the Adelaide Plains. Here the water is further filtered while the darkness effectively kills off any bacteria that might be present.

Cleaned and purified by natural processes, reWater is then pumped to a storage tank located under the tennis courts at Lightsview. The contents of this tank are continuously disinfected prior to entering the pipe network. This provides additional safety and ensures that Lightsview's reWater quality meets the recognised South Australian Class A Reclaimed Water Guidelines. This enables its use in homes and gardens and for the irrigation of green space throughout Lightsview.



Aquifer

As a condition of Lightsview's commitment to sustainable development, all dwellings need to be constructed with an additional plumbing system, including an isolation valve, to permit the connection and use of recycled water for toilet flushing as well as for garden irrigation, car washing and other purposes outside.

Purple pipes and fittings for reWater are provided to the boundary of each dwelling and housing block as part of a system which is completely independent of the SA Water's potable (drinking water) mains supply.

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#### It is suitable for:

- Watering lawns, parks and gardens (including fruit trees, vegetables and flowering plants)
- Flushing toilets
- Washing cars
- Water features or ornamental ponds with no fish (Note – As is the case with drinking water, reWater supplied to Lightsview is disinfected by a low level chlorination process which may be harmful to fish. Tablets to remove traces of chlorine are available from aquarium suppliers and should be used before fish are released into ponds.)

#### It is not suitable for:

- Drinking
- Cooking (or other kitchen purposes such as rinsing vegetables)
- Personal hygiene purposes (including baths, showers, hand basins or bidet)
- × Indoor cleaning
  - Recreational activities involving water (including children playing under sprinklers)
  - Washing pets
  - Clothes washing or use in washing machines
    - Evaporative coolers and air conditioners
    - Swimming pools and spas



# Why should I use *reWater*?

A condition governing your purchase of a house/land package at Lightsview requires the connection of reWater. In doing so, you will be demonstrating environmental responsibility.

Typically, reWater uses less energy in its production.

In general terms, around 40% of water used in most homes is for non– potable purposes so the option of reWater can result in a substantial reduction to your mains supply usage.

You will also be helping to reduce Adelaide's demand from the River Murray as well as its requirements for desalinated water.

# How can I be assured that *reWater* is safe?

Lightsview reWater is completely safe provided it is used strictly for the purpose outlined in this brochure; namely toilet flushing, garden irrigation, car washing and other external needs.

Sustainable Housing Community



ReWater doesn't have a negative impact on plants. It can however, cause slight discoloration to certain surfaces such as marble because it contains naturally occurring salts picked up while the water is stored underground. Caution

> should be exercised in using this water where marble is present.

Lightsview's reWater reticulation system is maintained and operated by Water Utilities Australia whose key personnel have over 70 years experience in the management and operation of water and wastewater networks.

By taking up reWater you will be helping to reduce Adelaide's demand from the River Murray, as well as its requirement for desalinated water.

You will also be reducing discharges of treated wastewater to the local environment and demonstrating environmental responsibility in the process.







### How can I connect to Lightsview *reWater*?

Ideally a connection to the Lightsview reWater system should be installed before the property is completed.

Either the property owner or the builder can arrange for an installation to occur.

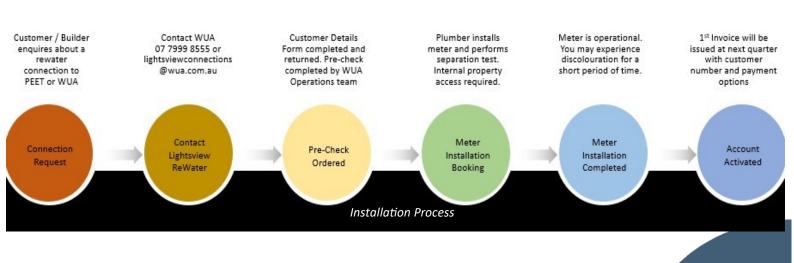
Please allow up to 21 days for a meter to be installed and operational. This will provide adequate time for your plumber to attend to any necessary plumbing required and our operations team to verify fittings and install the meter.

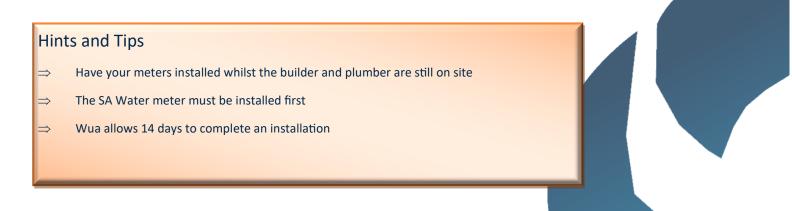


lightsviewconnections@wua.com.au

08 7999 8555

Please contact us on the details alongside.





### Do you have a leak?

#### STEP 1

- Identify leak location by looking around your property for dampness or puddles
- Check your toilet isn't running or leaking

#### STEP 2

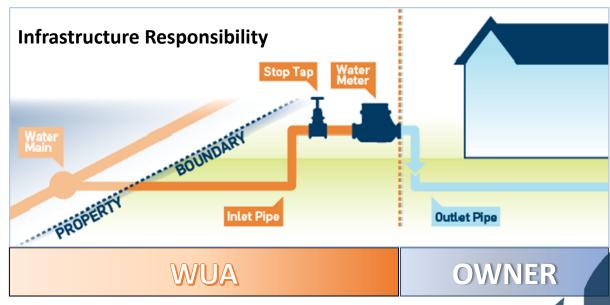
Contact WUA and discuss situation Take a picture of the reading on the water meter Leave property for a period of time and upon your return

take another picture of the reading on the meter

STEP 3

- Discuss outcome with WUA
- Possible call to a plumber
- WUA may attend site to inspect





You will need to have a plumber assist you in any repairs that are needed from the meter and throughout your property. If our team notice any unusual signs we will let you know.

If repairs are required from the meter and outside your boundary, WUA will attend to these.

Water is a scarce resource and we all need to contribute in its preservation. If you see a leak in your community please let us know. Take a picture and email it to us **info@wua.com.au** with the location or pick up the phone and dial our number **08 7999 8555** 

Every little bit helps.



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