

# FOLLOW THE FLOW, WHERE DOES OUR WATER GO?

When it rains, water runs from the houses, gardens and streets of the Keswick Estate into the stormwater drains. The drains take the water to the Macquarie River via Egret Park Wetland.

Litter, soil, fertilisers and many other pollutants are carried by the water into the stormwater drains.

Egret Park Wetland uses the combination of a gross pollutant trap and natural processes to clean stormwater before it reaches the Macquarie River.

Heavily polluted stormwater can overload the natural cleansing processes of the wetland resulting in a higher level of pollutants reaching the Macquarie River. Heavily polluted stormwater can also result in Egret Park Wetland becoming less attractive.

Do the right thing and help keep Egret Park Wetland beautiful by:

1. Keeping leaves, soil, grass clippings and rubbish away from the stormwater drains
2. Never dumping motor oil, pet waste or dirty soapy water down the stormwater drains
3. Using a broom instead of a hose to clean your driveway



**KESWICK  
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## EGRET PARK WETLAND STORMWATER



Contact Western Plains Regional Council  
P. 02 6801 4000

Find out more at  
[www.dubbo.nsw.gov.au/stormwater](http://www.dubbo.nsw.gov.au/stormwater)

[www.keswickestate.com.au](http://www.keswickestate.com.au)

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# EGRET PARK WETLAND

Egret Park Wetland adds a distinctive charm to the Keswick Estate. This artificial wetland is a beautiful recreational and educational resource, and a haven for wetland birds and wildlife. It is also an essential part of the Keswick Estate stormwater treatment system and has been in operation since 1998.

Follow the path around the wetland through an attractive native woodland of Mugga Ironbarks, Yellow Box and River She-oaks.

Egret Park Wetland is a refuge and feeding place for a number of common and less common birds. The Pacific Black Ducks and Purple Swampheens should be easy to spot. If you are lucky you will also see an Eastern Great Egret, Yellow-billed Spoonbill and the Grey-crowned Babbler (a threatened species).

It is a wonderful wildlife oasis within an urban area.



Listen out for the maniacal cackle of Peron's Tree Frog, one of the most variably coloured frogs in Australia, with the ability to change colour in less than one hour.

Stormwater entering Egret Park Wetland undergoes a multi-stage cleansing process before it is allowed to continue its journey to the Macquarie River.

The wetland has two large deep ponds connected by a shallow shelf. The first pond is surrounded by a channel containing reeds and rushes.



The GPT is emptied on a regular basis to ensure that it is always operating at optimal efficiency.

Before the dirty stormwater is emptied into the wetland, soil and large pieces of rubbish (gross pollutants) are sieved out by the gross pollutant trap (GPT) and captured in its large cages.

Once the gross pollutants have been removed by the GPT the stormwater is cleansed by the natural chemical, biological and physical processes occurring within the wetland.

Some pollutants settle out immediately and others are removed as the water is circulated through the specially selected reeds and rushes growing in the channel around the first pond.

Ultra-violet light in sunlight helps kill bacteria.

Egret Park Wetland serves the section of the Keswick Estate shown on the map. The cumulative actions of every resident within this catchment impact upon the health and attractiveness of the wetland.

Help keep Egret Park Wetland beautiful by making sure that the water entering the stormwater system is as clean as possible.



Egret Park Wetland receives stormwater from the section of Keswick Estate outlined in green on the map. The routes of the underground stormwater drains are shown in blue.



Find out more at  
[www.dubbo.nsw.gov.au/stormwater](http://www.dubbo.nsw.gov.au/stormwater)

## DUBBO DRAINS ARE JUST FOR RAIN