

SOUTHERN RIVER

Urban Waterways Renewal Projects



Grovelands basin



Third Avenue



Wungong River



Riverside Lane rubbish



Strawberry Drive basin



Williams Rd main drain

The Southern River Catchment has been identified as a significant contributor of nutrient and pollutants to the Canning River. Clearing of native vegetation has caused severe weed infestations, erosion and degradation of the Wungong and Southern River.

The selected sites offer the opportunity to install pollution treatment interventions in combination with river restoration techniques to improve water quality and environmental values within this catchment. The projects are:

GROVELANDS RESERVE TREATMENT BASIN

This project will convert an existing compensation basin in Kuhl Park into a bioretention basin. By re shaping and revegetating the basin with native vegetation, the sites ability to retain and uptake nutrients will be increased and its natural diversity will be enhanced.

THIRD AVENUE BASINS

This project aims to retrofit two existing compensation basins located in public open space to increase surface water treatment before entering the Wungong River. Pollution traps will be installed to remove contaminants as they enter the basin.

WUNGONG RIVER AND RIVERSIDE LANE

The eastern side of Wungong River is highly degraded near Lake Road. Polluted storm water, hard rubbish and weeds dominate the site.

Both sites provide an opportunity to reconnect the river foreshore with the floodplain which would have occurred naturally prior to clearing of native vegetation. The area will be revegetated and reserve will be improved to provide both a public amenity and conservation reserve.

STRAWBERRY DRIVE BASIN

This compensation basin will be re shaped and revegetated to form a constructed wetland. The project will involve rubbish and weed removal and revegetation using local native plants.

WILLIAMS ROAD MAIN DRAIN

Erosion issues in the current drain meant that during high rainfall events, fast-moving water flushed nutrients into the Wungong River.

The first stage of works will include removing sediment, widening the channel and reducing the slope of the bank to decrease erosion and slow water flow. A biofiltration swale will be installed to help filter nutrients and lower pollutant levels being flushed into the Wungong River.

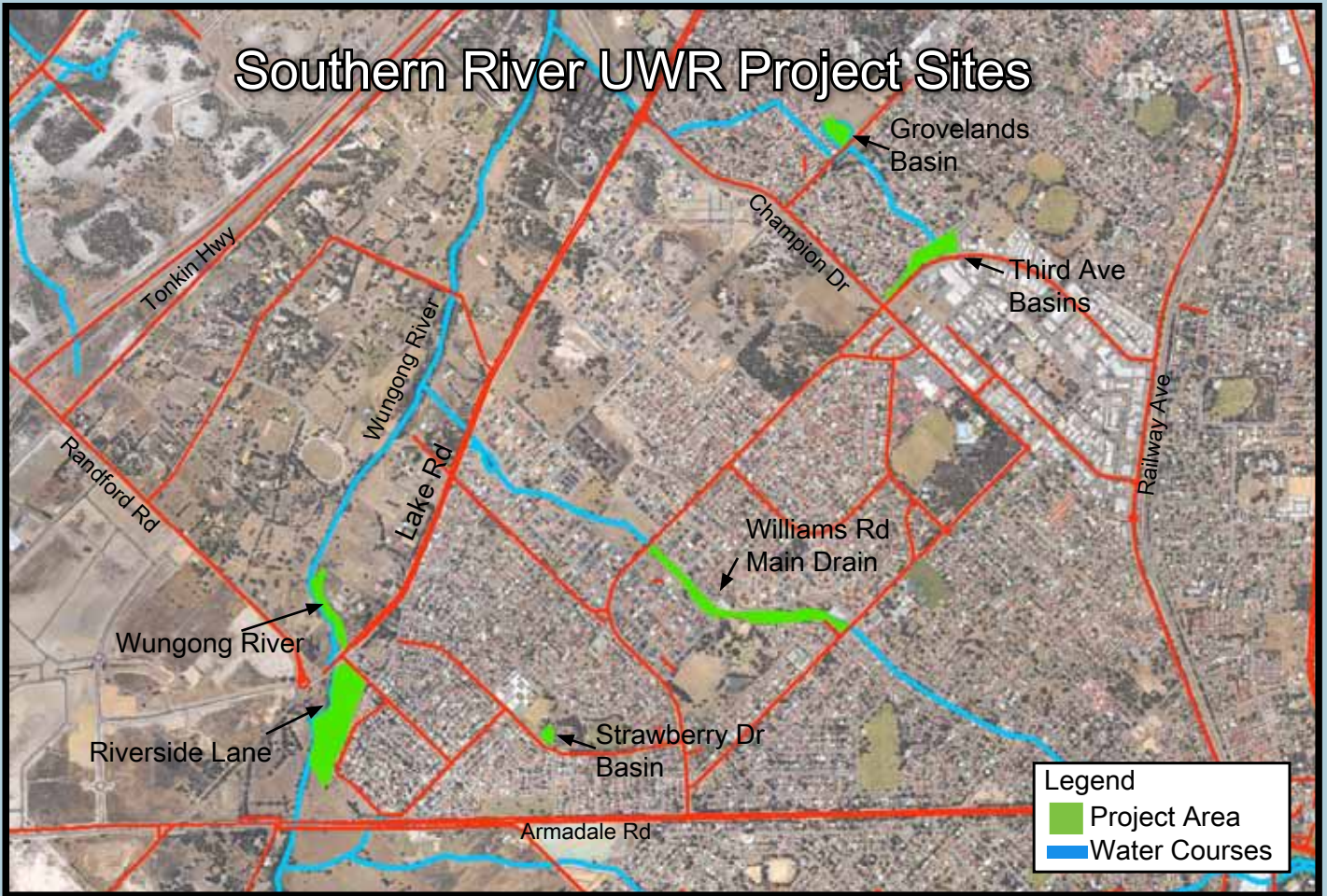
Native vegetation will be restored in the existing Marri woodland, to provide animal habitat and increase visual amenity for the local community. Controlling invasive grass species and replacing with native shrubs and groundcovers will reduce fire risk.



South East Regional Centre for Urban Landcare



Bringing together community, business and government to improve the health of our land and waterways



Urban Waterway Renewal site locations in the City of Armadale

For more information or how to get involved please contact us:



South East Regional Centre for Urban Landcare

69 Horley Road
 Beckenham WA 6107
 Ph: 9458 5664
 Fax: 9458 5661

Email: glenbyleveld@sercul.org.au
 Website: www.sercul.org.au



Australian Government

