

Sherwood Road Environmental Improvement Precinct

WHAT'S PLANNED ?

Macleay water has chosen a multiple barrier approach as a solution to the septic and stormwater problems.

1. The K.E.W.T.™ system which consists of filter beds that have recirculating channels utilising plant beds to draw up the household effluent.
2. Evapo-cycle which employs a mix of stone filter media to increase wetted surface area and accelerate natural evaporation rates.
3. Biotreatment swales, which will treat stormwater from adjacent catchment areas.

WHATS NEXT ?

As part of the planned Sherwood Road Environment Improvement Precinct a biotreatment swale was chosen for the treatment of stormwater from the Sherwood Road catchment. (see over leaf)

This will improve allotment drainage pathways that ultimately find their way into Warne's Creek.

Biotreatment swales convey stormwater and provide opportunity for the removal of sediments from the stormwater. In addition, biotreatment swales reduce flow and nutrient velocities and assist in protecting water quality in receiving waterways as they utilise overland flow and mild slopes to convey the water slowly downstream.

The planting of trees and placement of rocks is an important feature of the process.

Council has been assisted with funding for this project by way of a grant from the Australian Government's Community Water Grants scheme.

WHEN ?

Council's Works Department will commence construction of the swales in November. Council expects that there will be some minor traffic disruptions in The Ponds Way during the construction phase. The construction is expected to take a week, weather permitting.

THE FUTURE !

Macleay Water is currently finalising an agreement with GBG Wastewater Management to install the K.E.W.T.™ and evapo cycle systems. These systems will be installed on the land behind the houses west of The Ponds Way.

Initially, there will be a pilot plant servicing six homes as a trial. Upon the expected successful completion of the trial the rest of the homes will be connected.

WE NEED YOUR HELP!

As part of the installation of the K.E.W.T.™ system and the swales, Macleay Water will be planting native trees & shrubs for moisture absorption and nutrient uptake. The trees will be species that naturally grow in the area.

During the project Macleay Water hopes to involve the community as much as possible. It is planned to have working bees coordinated by the local Land Care group involving local residents and Aldavilla School children.

As the project moves forward, Macleay Water will keep you informed.



A BUSINESS UNIT OF KEMPEY SHIRE COUNCIL



Australian Government Water Fund
Community Water Grants





Affected homes



Location of the Swales