



ecoscape

science+design

## mosquito and midge control



Western Australia has a variety of pest species that are considered a health risk or nuisance. The majority are mosquitoes (family Culicidae, particularly *Aedes* and *Culex* species) and midges (Chironomids). The preferred habitats of mosquitoes and midges include natural and constructed wetlands of a permanent nature or temporarily wet areas. Their robust and rapid life cycle allows breeding to occur in very small temporary environments such as puddles or blocked drains. They can be abundant in spring and summer and affect the quality of life for nearby residences.

### Our Services

Ecoscape's mosquito and midge control capabilities include:

- breeding site identification and remediation
- trapping (sticky traps, light traps, tyre traps, ovi traps and dipping) programmes
- monitoring programmes for terrestrial and aquatic environments
- liaison with State and Commonwealth environmental agencies
- species identification
- management plans

### Our Approach

Ecoscape aims to develop strategies to minimise the impact of mosquitoes and midges through the identification of existing and potential breeding habitat. We provide recommendations towards minimising the impact on surrounding urban development, undertaking monitoring for both prevention and remediation.

### Our Experience

Ecoscape has conducted the following control programmes:

- Environmental Assessment, Monitoring Program and Management Plan for Mosquito Control in the Peel Inlet and Harvey Estuary, Department of Health WA
- Development of a Planning Policy for Mosquitoes, the Department of Planning and Infrastructure
- Assessment of the Environmental Impacts of Runnelling (Habitat Modification) in the Peel Inlet and Harvey Estuary, Phase One, Department of Health WA

