



# ednaAustralia

eDNA, Doing more with less...



## Biodiversity screen

3hr survey, with 33 species identified from 10 locations

## Invasive species ID

European carp, tilapia and gambusia recorded

## Management planning

Data capture assisting in risk assessments and preparation of species management plans

## Design support

Findings supporting RFQ documentation as part of detailed design.

## Sustainability

Protecting biodiversity

## CLIENT: UNIVERSITY OF QUEENSLAND

## PROJECT: Lakes Precinct Redevelopment

The University of Queensland (UQ) commissioned eDNA Australia to conduct an aquatic survey of the campus lake using eDNA. This survey provided a rapid biodiversity screen to support the lakes redevelopment strategy. In less than 3-hrs survey, eDNA sampling identified 33 species from 10 sampling locations. Including a combination of bird, reptile, amphibian, mammal and fish species. Two known turtle species and ten fish species were recorded, including three species not previously reported to exist within the lake system. Priority invasive fish species including tilapia, European carp and gambusia were also identified.

eDNA findings will support the preparation of management measures as part of the lakes redevelopment project, including the preparation of tenders for detailed design.