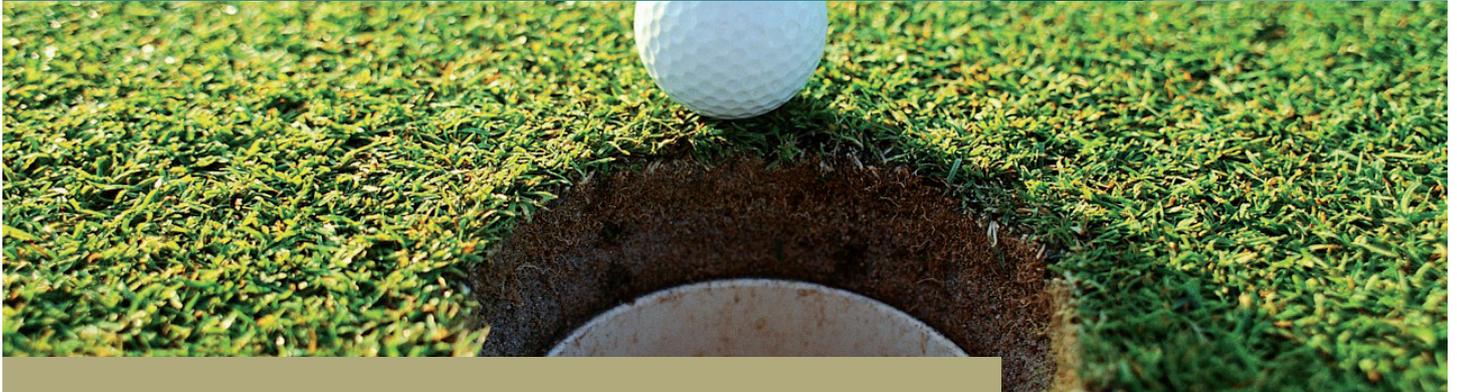


# Recycled Water Initiative Case Study 1: Chinderah Golf Course



**In 2009 Council resolved to enter into an agreement with Chinderah Golf Course for the supply of recycled water from Kingscliff Wastewater Treatment Plant.**

Council has been working with Chinderah Golf for the last three years to complete a detailed design of the recycled water transport system and negotiate an agreement to supply recycled water to the golf course for the purpose of irrigation.

It is estimated that this scheme could reuse up to 110 million litres of recycled water each year which would otherwise be discharged to the estuary.

## **Under the agreement:**

### **Council will:**

- ◆ Obtain all necessary consents and approvals.
- ◆ Construct the pipeline to the Kingscliff Wastewater Treatment Plant northern boundary and provide all pumping and control equipment capable of supplying recycled water to the supply point.
- ◆ Operate and maintain the recycled water supply system up to the supply point including electricity costs.

### **Chinderah Golf will:**

- ◆ Construct and fund the transport and storage system from the supply point to the golf course irrigation network. Chinderah Golf has obtained funding from the Federal Government's Community Water Grants for the internal transport system.
- ◆ Will pay operation and maintenance charges to Council.

## **History**

Chinderah Golf has been operating for 15 years as a golf course and driving range facility. Over this period the golf course has relied on the Cudgen ground water aquifer for its water supply.

## **Benefits**

### **For the golf course:**

The recycled water, which has been treated to a very high standard for reuse, will be used on trees and grassed areas all year round overcoming problems in low rainfall periods. Artificial wetting agents will no longer be necessary to keep the course green and lush all year round.

### **For the environment:**

The recycled water is now being reused and not released into the waterways. Nutrients in the waterways are not desirable but the same nutrients on the grass are beneficial for plant growth.