

# GOLF COURSE SUSTAINABLE WATER

STORM has designed and modelled a stormwater harvesting system to supplement the irrigation water demand at Gordon Golf Course. The harvest system is designed to capture the difference between the stormwater generated in the pre- and post-development scenarios. This system therefore mitigates the impacts of increased stormwater flows due to urbanisation while providing an alternative source of irrigation water and reducing the golf courses reliance on potable water.

The scope of this project included:

- ❖ Complex water balance model
- ❖ Design of off-take structure and storage configuration - the amount stormwater harvested has been carefully designed not impinge on environmental flows downstream.
- ❖ Creek Rehabilitation – to arrest erosion and improve biodiversity
- ❖ Environmental Impact Assessment and Mitigation Strategy

Telephone our client - Peter Davies of Ku-Ring-Gai Council for a reference.



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