

Water efficiency business profile

John Paul College

John Paul College is set on a lush, 35 hectare site featuring native landscaped gardens, world-class playing fields, specialist sporting facilities and cutting-edge teaching and learning centres. It is a busy campus with a population of 2500 students.

Water conservation approach

The college has implemented a number of water conservation practices including rain water capture and management utilising tank farms, ponds and bores as well as employing the world's best practice in sport field design and management.



The college has introduced the following measures to the campus.

- Introduced ponds that make up part of the college storm water management plan.
 - Installed a Water Guard Management System that monitors, records and sets parameters for water use. The system gives real time usage specifics and sends a text message to the Facility Manager's mobile phone if water use exceeds set amounts. It also allows the ability to shut down the water mains which can be done with the use of a mobile phone. Students can log-on to the system at any time and monitor water usage throughout the school.
 - Installed waterless urinals, low flow showers and half flush toilets.
 - Purchased machinery that increases root depth on oval surfaces and therefore improves irrigation.
- Installed three bores used to irrigate the ovals and provide water for cleaning purposes. These also have sensors which shut down irrigation to the ovals if it rains.
 - Automated rain water tanks that replenish the water in the swimming pool.
 - Installed nine tank farms that hold 500,000 litres combined that store water for toilets, cleaning and pool filter cleaning



Water conservation objectives

John Paul College's objective is to minimise the carbon footprint of the campus and to protect, promote and maintain its environmental sustainability.

These on-site initiatives also provide educational resources for students who develop their knowledge through practical experience and learn from working solutions about real environmental issues.



Actual savings from water conservation

Before implementing any water savings the school was using around 88 million litres of water per year: which was more than the entire town of Beaudesert! Following the implementation of water saving initiatives, the college reduced its use to around 40 million litres of water, a decrease of over 50 percent.



Water conservation efforts ongoing

The college is committed to continuing their water conservation techniques and delivering a sustainable future for its students of tomorrow.

Plans for the college in the future include installing more bores, an on-site dam with a capacity of 6ML, a new catchment pond and additional tank farms.

Allconnex Water congratulates John Paul College's commitment and innovative approach to a sustainable water future.