



Achieved 6 star rating under Green Star Office Design

Reduced overall water demand of the building through effective water management

Reduced wastewater and solid waste generation

Enabled Bond University to be on the forefront of sustainable design

Sustainable Development Building — Water Management

BACKGROUND

Bond University have built the first building to receive a 6 Star Green Star certified rating by the Green Building Council of Australia. SSI was commissioned to conduct a feasibility study for water, wastewater and solid waste management to assist Bond University in achieving a 6 star rating.

The sustainable building for the Business, Technology and Sustainable Development Faculty features a 3 level building to service a population of 400 students and 60 staff members.

SSI'S ROLE

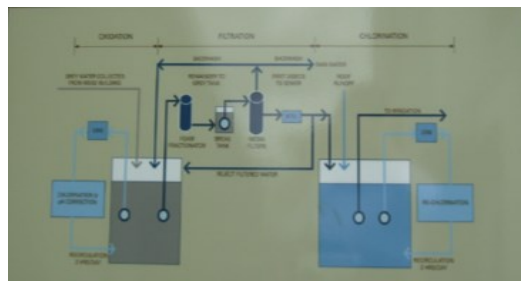
SSI conducted the following works:

- Designed and implemented a rainwater harvesting system;
- Designed and implemented an on site recycled water reuse scheme;
- Designed effective waste and wastewater management scheme to reduce disposal; and
- Assisted Bond University in developing effective site management protocols best suited for the area.



SSI'S ACHIEVEMENTS

- Design of water tanks and a grey water recycling system that has less reliance on the local water supply;
- Reduced overall water demand of the building through effective water management;
- Reduced volume of solid waste sent to landfill; and
- Minimised volume of wastewater discharged to Council sewer system.



SSI SERVICES PROVIDED

Design, Construction Management & Commissioning

Efficiency Audits & Cleaner Production

Environmental Compliance & Licensing

Sustainable Resource Management

ENVIRONMENTAL STEWARDSHIP

World Environment Day Awards 2010: Szencorp Green Building Award, United Nations Association of Australia

First in Australia to achieve a 6 Star Green Star – Education PILOT Certified Rating for design by the Green Building Council of Australia.

Asset & Maintenance Management	Design, Construction Management & Commissioning	Efficiency Audits & Cleaner Production	Environmental Compliance & Licensing	Master Planning	Plant Assessment & Optimisation	Sustainable Resource Management	Risk Assessments (HACCP & HAZOP)
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Water.Energy.Waste.

