

WATER RECYCLING CASE STUDY



wastewater specialists

Commercial Greywater Reuse in Australia

Working with established companies in the water treatment market, and recognising a need to approach water management in commercial buildings differently, Innoflow have been involved in a number of key greywater recycling projects in Australia in recent times.

This information sheet discusses a few of these projects in detail and highlights some of the key advantages of the approach taken by Innoflow and its project partners

Centrelink National Support Office, Canberra ACT



Working with WJP Solutions, who delivered the Ecovillage at Currumbin wastewater project, Innoflow supplied key treatment equipment to a greywater system for the new National Support Office of Centrelink.

The treatment system, which comprises an Orenco Textile Packed Bed Reactor, Microfiltration, UV disinfection and Chlorination, treats water to better than the Victorian EPA Class A standard, with the water being reused for uncontrolled irrigation and toilet flushing.

Figure 1: Orenco's AdvanTex PBR provides the low-energy greywater pre-treatment at Centrelink's new national support office

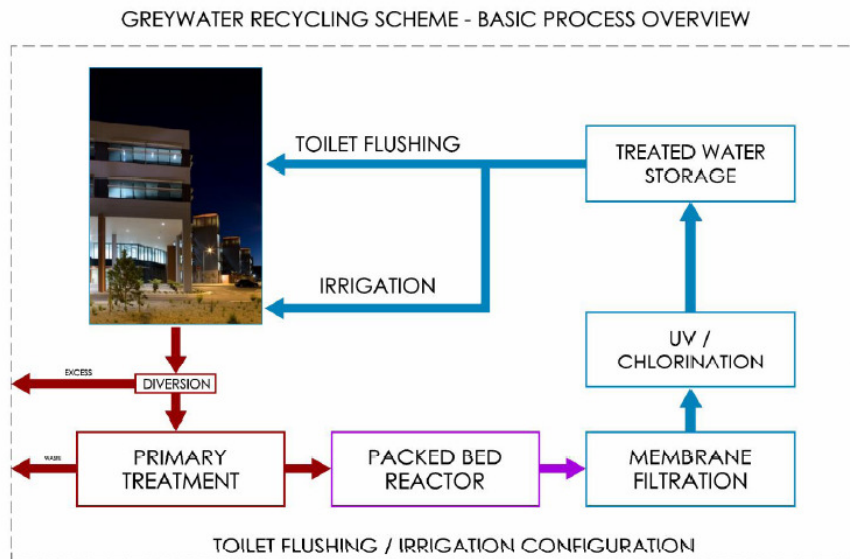


Figure 2: The greywater treatment and reuse principle at Centrelink.
Image and project information courtesy of WJP Solutions

Warracknabeal Aged Care Facility, Warracknabeal VIC

A project delivered again in partnership with WJP Solutions, the installation at the rural northwest health campus in Warracknaneal provides irrigation water to 3,000m2 of garden beds, with excess water being diverted to sewer.

As with the Centrelink Project, the solution here provides a low whole-of-life cost alternative to other approaches, with a passive, low energy front end coupled with proven disinfection techniques



Figure 3; The AdvanTex Treatment PODs from Orenco are available in multiple sizes, providing flexibility in treatment plant siting

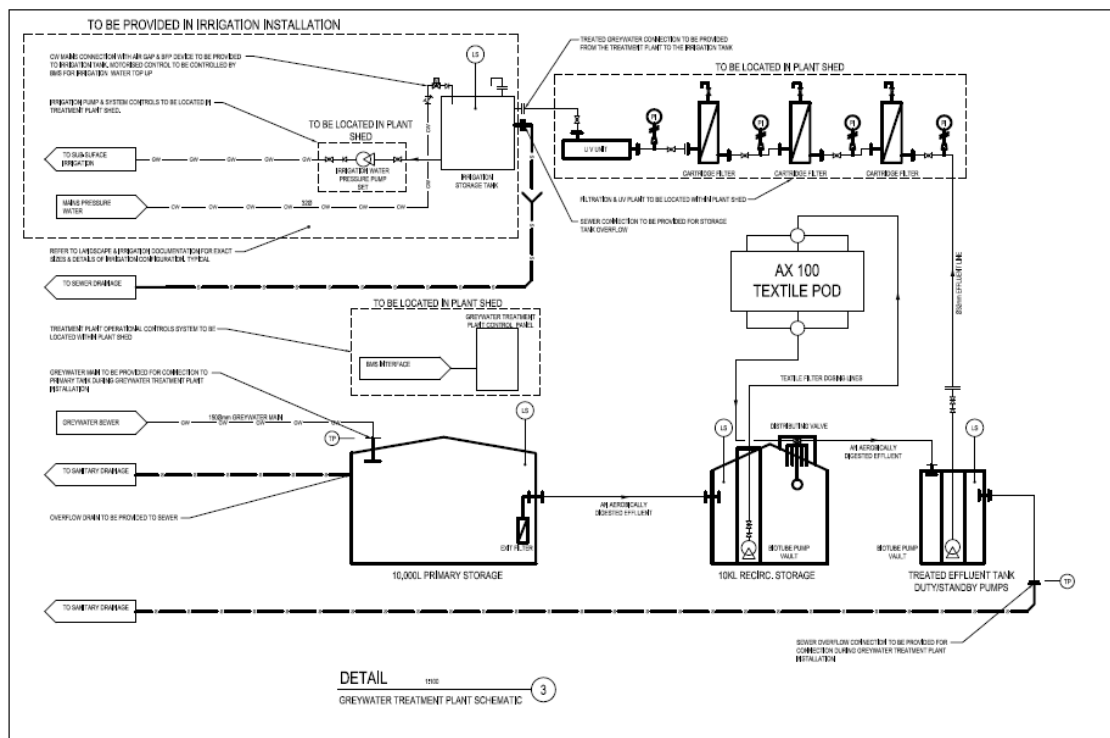


Figure 4: The treatment plant at the Warracknabeal facility. Image and project information courtesy of WJP Solutions

Partnering with and specifying InnoFlow Technologies

Working with InnoFlow and its project partners on your next commercial building reuse project offers the following advantages:

- **Solutions provided are purpose-built, designed on a case-by-case basis, rather than a 'bolt-together' of smaller systems**
- **Solutions offer a passive alternative to many 'high-tech' approaches on the market**
- **Solutions are delivered by Project Partners with skills appropriate to the systems being offered**
- **Solutions are proven worldwide for all-wastewater, and well established here in Australia**

For further information or to discuss your next project, contact us



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