

# Xylem helps solve water recycling in Australia

## Commercial vegetable-washing water recycling system

Located on the Adelaide Plains of southern Australia, the Piscioneri Brothers' vegetable-washing plant is modernizing how commercial washing companies use water.

On the world's driest continent, water conservation is a challenge, but with the help of ITT RCW's cutting-edge water recycling system, more than 60,000 liters of water can now be recirculated throughout the Piscioneri Brothers' plant.

The recycling system was installed at Piscioneri in early 2010. While many other washing plants in the region must add as much as 50,000 liters per hour to their systems, the system at the Piscioneri plant is largely self-sustaining.

The pumps assist in turning over approximately 500 to 1,500 liters per minute when washing produce. Large vertical multi-stage Lowara pumps catapult dirty water into a sump system. A bailing filter then separates the clean water, which is transported to a storage facility. From the storage facility, clean water is delivered to the vegetable-washing center, where fresh produce is treated and prepared for selling.

The only grower in the area using this technology, the Piscioneri Brothers have reported that the system has been helpful in running their business effectively. Through RCW's expertise, the vegetable-washing plant was able to implement a unique system that conserves water, while saving time and money.



### Related Case Studies

#### Xylem helps solve water recycling in Australia

Located on the Adelaide Plains of southern Australia, the Piscioneri Brothers' vegetable-washing plant is modernizing how commercial washing companies use water

#### An intelligent Flow Control solution that outsmarted the competition

Xylem's Flow Control team in China successfully included a vehicle-mounted diesel refueling pump on SANY's new hydraulic excavator

#### Pumping a highly corrosive cocktail of abrasive iron and sinter particles

A new range of pumps from Flygt keeps northern Europe's leading heavy-plate manufacturer in business

#### Xylem keeps the wine flowing at popular California winery

Laguna Canyon Winery uses the Jabsco flexible impeller pump cart system to produce its award-winning wines

#### Xylem Responds to Treatment Plant Shutdown

After a fire caused the shutdown of a New York City wastewater treatment plant, Xylem moved quickly to help divert a major catastrophe

[View More Case Studies](#) 

### Follow Xylem Online



Twitter



YouTube



Facebook



LinkedIn

[« Return to Case Studies](#)

