

Rainwater Treatment System for 22.7 l/min



Case Study Details

Holland College is the provincial community college for the Canadian province of Prince Edward Island. The Centre for Applied Science and Technology building of the college collects rainwater from the rooftop in order to treat it and eventually reuse it. H2FLOW EQUIPMENT INC. provided the necessary equipment to treat the grey water.

H2FLOW EQUIPMENT INC. supplied:

- A macrolite media filtration system consisted of one duplex sediment pressure filter
- A carbon filtration system consisted of two duplex carbon filters
- An ultraviolet disinfection system



The plant has been operating effectively, while being a part of the latest in energy-efficiency systems that the building owns. It also serves as a lab for students studying these technologies. The treated water is being reused within the facility for toilets and outdoors gardening.

Installation Contractor: EMCO Ltd.

Start-Up: 2011