

CASE STUDIES

Aquaquest; The Marilyn Blusson Centre: Vancouver Aquarium

Aquaquest Center Teaches Sustainable Living Through Design



This \$22M project adds 4,050 sq. m. of offices, gallery and exhibit spaces, classrooms and ancillary spaces to the Vancouver Aquarium. The elimination of traditional mechanical refrigeration equipment lowered energy costs by 38% compared to the Model National Energy Code for Buildings. The innovative rainwater harvesting system directs roof drains to a stormwater storage system that supplies water for irrigation and toilet flushing, combined with low-flow plumbing fixtures. This significantly reduced potable water consumption of the building as a whole.



Want to get serious about sustainability through rainwater harvesting? BARR is the Canadian distributor for cost-effective and versatile GRAF systems. Check out our GRAF rainwater harvesting systems on our website: <http://e-barr.com/barrRHW>

Project Team

Supplier: BARR Plastics
Architect: Stantec Architecture
Contractor: Stuart Olsen
Construction, Tiger Purification
Geotechnical Design: Geopacific
Consultants Ltd.
Landscape Architect: Sharp &
Diamond
LEED: Gold
Mechanical Engineer: Cobalt
Engineering
Structural Engineer: Equilibrium
Consultants

Specifications

BARR Product

10,000 Gallon Custom FRP
Rainwater Harvesting tank with
external Optimax filter



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