

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, here:

<http://e-barr.com/barrRWH>



Project Team

Architect: Stantec
Architecture

LA: Sharp & Diamond

Mechanical Engineer: Cobalt
Engineering

Structural Engineer:
Equilibrium Consultants

Geotechnical Design:
Geopacific Consultants Ltd

Contractor: Stuart Olsen
Construction, Tiger
Purification

LEED: Gold

BARR Product

10,000 Gal FRP Rain Water
Harvesting tank integrated
with green wall irrigation and
toilet flushing



BARR Plastics Inc

1.800.665.4499

www.barrplastics.com