Rainwater for Vehicle Wash

Municipalities and commercial vehicle fleet owners are under significant pressure to reduce costs. Maintenance, repair and vehicle replacement costs are just some of the considerations when reviewing fleet management and operational costs. Municipal budgets are also challenged to meet the growing demand for expanded service levels of their public transit system. With most vehicle maintenance facilities having large roof catchment areas, rainwater is a plentiful on-site resource that can easily provide a significant amount of water for vehicle wash systems. A Rainwater Harvesting (RWH) System from Net Zero Water can provide the solution to drastically reduce potable fresh water use and the associated supply, treatment and infrastructure costs.

Net Zero Water understands the desire of all municipalities to promote sustainability through water conservation and efficiency. A RWH system can help you meet your Low Impact Development goals and create a positive image of environmental stewardship for your city or region.

BENEFITS OF A RAINWATER HARVESTING SYSTEM FROM NET ZERO WATER

- Extend the life of current ground or surface water resources
- Provide an easy solution to meet water balance requirements for any site development
- Incorporating RWH in project design and construction plays an important role in Low Impact Development (LID) and community sustainability planning
- LEED credits can be achieved through potable water reduction and meeting stormwater management runoff reduction criteria
- Create a favourable Return on Investment (ROI) by utilizing free rainwater against rapidly rising municipal water costs and associated fees
- Reduce the demand and stress on all aspects of municipal infrastructure including municipal water distribution and treatment, stormwater conveyance and retention, and potential stormsewer overflow events
- In some cases, naturally soft rainwater may reduce use of chemical or other cleaning agents
ENGINEERING MADE EASY

Complete Rainwater Harvesting Systems Designed for Vehicle Wash

We make it simple for you. We understand the issues and Net Zero Water is your single source for concept, design, system assembly, service and support.

Our team’s industry leading knowledge and experience is evident in everything we build. This is critical in order to bring pumps, water treatment and controls together in a highly functional and user friendly Rainwater Harvesting Package. Canadian owned and based in Fergus Ontario, Net Zero Water sources components primarily throughout North America ensuring the highest quality and support.

VEHICLE WASH RAINWATER PACKAGE FEATURES

- Compact package for quick and easy installation
- Modular design for indoor installation with limited space
- Fully integrated & programmed to run as required
- Designed with appropriate filtration and disinfection for vehicle wash applications
- Control panel includes 7” colour touch screen and PLC controls
- Variable Frequency Drive for economical pump speed control
- Compatible with most Building Automation Systems
- Above or below ground cistern collection tanks

CAPABILITIES & DELIVERABLES

- Package is hydrostatically tested and ESA certified
- System is set and tested to your site specific installation
- Complete design and specifications available
- Solidworks 3D drawings, process and instrumentation P&ID drawings
- Operations and maintenance manuals
- Start-up, commissioning and training
- Complete system maintenance and service programs available
- Remote access for data logging, troubleshooting, etc. is also available

CONTACT INFO

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