Rainwater for Irrigation

Using harvested rainwater for lawn and landscape irrigation is the perfect and natural solution to dramatically reduce potable water use.

A Rainwater Harvesting (RWH) System from Net Zero Water provides the answer by storing, treating and distributing rainwater for irrigation use on site. Very often, spray or drip irrigation systems may require different levels or combinations of filtration and/or sterilization. An irrigation system from Net Zero Water provides the flexibility to include the level of treatment you need for your project.

As severe weather events become more commonplace, a RWH system will also help to smooth out heavy rain and drought cycles and provide irrigation water when required.

**APPLICATIONS:**
- Shopping Centers
- Industrial Facilities
- Hotels
- Golf Courses
- Commercial Buildings
- Multi-Residential Buildings
- Schools
- Municipal Buildings
- Recreational and Sports Complex
- Institutional Buildings

**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
Complete Rainwater Harvesting Systems
Designed for Irrigation

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.

IRRIGATION 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, trouble shooting, etc. is also available

CONTACT INFO

Net Zero Water and Interpump
580 Gartshore Street
Fergus, Ontario N1M 2B2

netzerowater@interpump.ca
519-843-4232
1-800-265-9355