

# Rainwater Harvesting Water Tanks

## Collecting rainwater has both cost and environmental benefits

Communities and businesses know first-hand that clean water supplies are endangered. The simple action of harvesting rainwater can go far toward ensuring that they have the water supplies they need — both for everyday use and in times of emergency.

While large projects have the potential to collect and reuse millions of gallons of water at a single location, any amount of water conservation is beneficial in terms of both saving water resources and creating new water supplies.

## Reusing rainwater addresses multiple water needs

Using rainwater for irrigation, landscaping and greywater minimizes the strain on municipal water systems. Rainwater can be used for irrigation and landscaping without being treated. Depending on regulations, rainwater may need to be treated prior to being used for greywater.

Xerxes cost-effective, watertight tanks can be manufactured to fit the required treatment system components, which can be installed prior to shipment. A Xerxes rainwater tank can be manufactured as an NSF 61-listed tank, which allows a rainwater tank to be used in a rainwater to potable treatment system, or repurposed to store potable water.



## Advantages over other tank options

- **Watertight, one-piece tanks avoid costly onsite construction**
- Single-tank sizes up to 12-foot diameters and 60,000-gallon capacities
- **Factory-fabricated tanks provide controllable installation timeline**
- Buried tanks optimize aboveground land use
- **Ideal for installation in tight site footprints**
- Easy to ship to remote or hard-to-access locations

## Tanks meet these industry standards

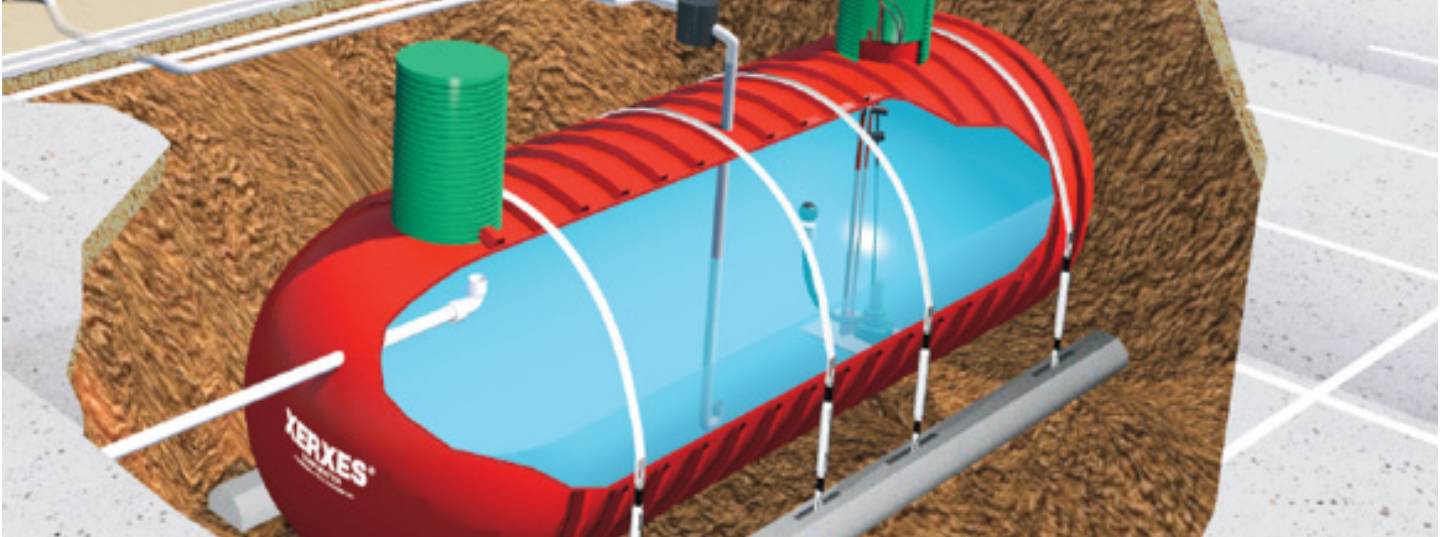
- IAPMO/ANSI Z1002 Rainwater Harvesting Tanks
- ANSI/AWWA D120 Thermosetting Fiberglass-Reinforced Plastic Tanks
- Can be manufactured as an NSF/ANSI 61-listed and labeled tank (Drinking Water System Components - Health Effects)



# Rainwater Harvesting Tanks

## Water tank design features

- Tanks designed to withstand H-20/HS-20 axle loads
- Integral, high-profile fiberglass ribs increase structural strength
- Single-wall and double-wall models
- Single-tank and multiple-tank installations
- Accessories to fit wide range of applications
- Deep burial applications available



## Single-Wall & Double-Wall Water Tank Models

Nominal Diameter	Nominal Capacities for Tanks Specified in U.S. Gallons	Nominal Capacities for Tanks Specified in Liters
4-foot	600 – 2,000	2,900 – 5,000
6-foot	2,500 – 8,000	Not available
8-foot	6,000 – 20,000	22,500 – 80,000
10-foot	9,000 – 40,000	40,000 – 150,000
12-foot	15,000 – 60,000	Not available

**NOTE:** This chart represents standard tank models. For other sizes, contact your sales representative (found on the [xerxes.com](https://www.xerxes.com) Find a Rep page) or email [watersales@mattr.com](mailto:watersales@mattr.com).

## Material advantages of fiberglass tanks

- Corrosion-resistant to surrounding soil
- Corrosion-resistant to stored liquids
- Premium resin – no fillers
- No protective lining or coating needed
- No ongoing maintenance or inspections required

## Xerxes product and project reliability

- Stringent quality control of manufacturing makes every tank a long-term investment
- Comprehensive installation training available
- Dedicated field-service and post-sales support
- 45+ years of composite manufacturing and 225,000+ tanks installed throughout North America

For over 45 years, Xerxes has designed and manufactured fiberglass underground storage tanks for fuel, water and wastewater. Xerxes' most recent expansion is its HydroChain™ stormwater product line — highly engineered products with site-specific designs for stormwater management solutions. Xerxes is a key brand of Mattr, a global materials technology company serving critical infrastructure markets.