

Preservation Texas helps landowners manage the natural resources on their land—water, wind, solar, and the land itself.

ALWAYS A FREE INITIAL CONSULTATION, CALL US TODAY TO LEARN HOW WE CAN ASSIST YOU WITH:

- Rainwater harvesting
- Drip irrigation
- Pond and stream construction
- Native plants and land restoration
- Wildlife management
- Wind and solar energy solutions



PRESERVATION TEXAS

LAND • WATER • WILDLIFE

512.740.4954

www.irisrainwater.com

Irrigation in Texas is regulated by the Texas Commission on Environmental Quality (TCEQ) PO Box 13087, Austin, TX 78711.
www.tceq.state.tx.us LIC # 19061

IRIS™

Rainwater Irrigation



**FOR GARDENS AND
FLOWERBEDS**

PRESERVATION TEXAS

LAND • WATER • WILDLIFE



Introducing IRIS™ (Integrated Rainwater Irrigation System)

IRIS™ by Preservation Texas is an affordable, reliable, and incredibly easy-to-use rainwater harvesting package. In a three-step process, water is collected, pressurized, and distributed to your garden or flowerbeds via a drip irrigation system.

Traditional rain barrels do a great job of holding water. IRIS™ goes above and beyond a simple system though. First, a pump and pressure tank are attached. Then we connect to a drip irrigation system eliminating hassles of manually transporting the water. With a timer, the entire process is automated, saving you time and money.

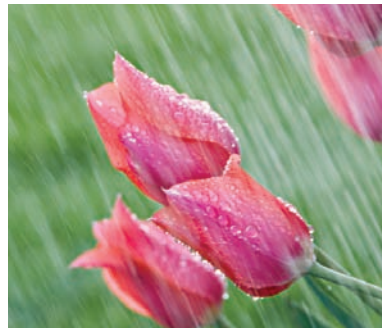
But what if it doesn't rain? This is Texas, and we do experience droughts all too often. The second innovative IRIS™ feature is a connection to your city water tap or well. A sensor and valve

determine the water level in the tank. If you are about to run out of rainwater, the system automatically switches to your home's water supply.

IRIS™ runs virtually maintenance-free. Completely automated with two sensors the system is designed for reliability and minimal human interaction.

Rainwater is best for your garden and flowerbeds, growing healthier and happier plants. Because rainwater is free, an installed system has minimal operating expenses.

Contact Preservation Texas today. Our free initial consultation is a great investment. We'll design and install the right system for you. Rainwater harvesting is a smart decision!



Water...
our most precious resource.



Rainwater and Drip Irrigation – A Smart Decision

When it comes to keeping your plants happy and healthy, nothing is better than rainwater!

During a rainfall, the water naturally picks up nitrogen from the atmosphere. A key constituent in chlorophyll, nitrogen is also a fertilizer helping keep your plants green and healthy.



Rainwater is also slightly more acidic and more oxygenated than tap water. Unlike tap water, there are no salts, chlorine, or fluoride in rainwater. Of course, the best part of rainwater is that it is free!

Drip irrigation, or micro-irrigation, is the most efficient way to water your plants. Nozzles deliver a gentle stream of water directly to the root system with little runoff or evaporation. Plants watered at the base are less disease prone too! Drip irrigation systems feature interchangeable nozzles, allowing you to regulate how much rainwater each plant receives.

IRIS™ Components

- Rainwater is collected in a 300-gallon tank, or larger.
- A sensor and valve in the tank switches to tap water if there is inadequate rainwater supply.
- The pump house contains the timer, pressure tank, and pump. A sensor prevents the pump from operating if there is no water.
- The timer allows you to set frequency and duration.
- The system connects to your drip irrigation system, or Preservation Texas can install one for you.

How much rain can I collect in a year?

For a one-story house (gallons):

City	1,500 SF	2,500 SF
Austin	29,000	48,000
Bryan	35,000	59,000
Dallas	33,000	54,000
Houston	46,000	77,000
San Angelo	19,000	31,000
San Antonio	28,000	47,000