



## City of Sunset Valley Rainwater Harvesting System Rebate

In an effort to encourage water conservation the City of Sunset Valley is offering a financial incentive to homeowners that install large rainwater harvesting systems (greater than 300 gallons). The system must be capable of capturing the first inch of rain for the first 1000 square feet of roof catchment area and half an inch of the second 1000 square feet of roof catchment area. In general 0.6 gallons per square foot of roof per inch of rain can be collected from your roof catchment area. For example a house with 2,000 square feet of roof catchment area would need to have storage facility for approximately 900 gallons of water.

The rebate for Rainwater Harvesting is:

First \$500.00 -	100%
Above \$500.00-	50% up to \$3000.00

Total Rebate Available per household: \$3,500

The rebate covers the cost of gutters/downspouts, leaf screens and roof washers, cisterns or storage tanks, conveyance systems, and water treatment systems. System requirements will depend on whether the water will be used for potable or non—potable purposes. Homes with metal, slate or clay roofs can collect water for potable purposes. Other roof types can only use collected water for irrigation purposes.

#### Eligibility:

- A pre-inspection must be completed before being approved for a rebate.
- System must collect a minimum of 300 gallon and be able to store one inch of rainfall based on roof catchment area. Most homes will need to collect at least 900 gallons of water.
- The system should last for a minimum of 20 years.
- Tank specifications must be included in application.
- Tanks should be UV resistant or enclosed/painted.
- Rebates will be issued after the system is installed and inspected by a Public Works representative and a final cost report submitted.
- Approved Building Permit.

To apply please submit:

- 1) Completed Application
- 2) Site Plan including layout of buildings, streets, and proposed tank location.
- 3) System drawing including design calculations and how water will travel from the roof to the tank and then where the water will be used.
- 4) Operation and maintenance guide explaining how the system works and how it will be maintained.

Copies of the [Texas Guide to Rainwater Harvesting](#) are available from the Public Works Department.

## Price Estimate Worksheet

### **Gutters and Downspouts**

Length of gutters to be installed: \_\_\_\_\_

Number of downspouts to be installed: \_\_\_\_\_

Cost of gutters and downspouts: \$ \_\_\_\_\_

### **Tank**

Fiberglass, polypropylene, concrete, stone, other \_\_\_\_\_

Tank Size (in gallons) \_\_\_\_\_

Tank Dimensions \_\_\_\_\_

Cost of Tank and Delivery \$ \_\_\_\_\_

### **First Flush Components**

First flush is a system of piping to collect debris before it enters the tank.

Supplies: \_\_\_\_\_

Cost of First Flush Components \$ \_\_\_\_\_

### **Pad Construction**

Material: \_\_\_\_\_

Site must be level

Cost of Pad Construction \$ \_\_\_\_\_

### **Pump and Optional Float Level Switch**

Is a pump necessary? If yes, consider installing a float level switch to prolong the life of the pump.

How far do you need to pump the water? \_\_\_\_\_

What horsepower do you need? \_\_\_\_\_

Cost of Pump and Installation \$ \_\_\_\_\_

Other Costs: \$ \_\_\_\_\_

Explain: \_\_\_\_\_

Total Estimated Cost \$ \_\_\_\_\_



**Rainwater Harvesting**

**Application Form**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Email Address: \_\_\_\_\_

Construction Start Date: \_\_\_\_\_

Estimated Completion Date: \_\_\_\_\_

The goal of the rainwater harvesting rebate program is to aid homeowners in reducing demand on ground and surface water sources. This program is available on a first come, first serve basis. The undersigned participant understands that the rebated system must remain operational. If water is to be potable then all necessary permits and testing will be at the owner's expense. The City of Sunset Valley makes no claims as to the safety or reliability of installed equipment or resulting water.

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Date: \_\_\_\_\_

Application Packet Must Include All of the Following

- Site Plan
- System Drawing
- Price Estimate:
- Operation Guide
- Maintenance Plan