

# Do you have a resource concern? erosion, poor vegetative cover, or excess runoff

## Rainwater Harvesting



Virginia Conservation Assistance Program

Presented by Virginia Association of Soil & Water Conservation Districts



Rainwater Harvesting systems intercept, store, and release rainfall for future use. For purposes of this specification, Rainwater Harvesting includes the collection and conveyance of roof runoff into an above- or below-ground storage tank where it can be reused or safely diverted to a receiving area for infiltration.



Contact your local SWCD to learn more!

## Could RWH benefit your property?

Collects and treats runoff from roofs including homes, businesses, farm buildings, and accessory structures such as garages and sheds. Capture runoff is primarily used for non-potable uses such as irrigation, livestock watering and exterior washing.

**Reduced Stormwater Runoff:** By capturing rainwater, rainwater harvesting systems significantly reduce the volume of stormwater that flows into storm drains and eventually into local waterways. This helps prevent flooding and erosion.

**Reduced Peak Flow Rates:** Rainwater harvesting systems release stored water gradually, reducing the peak flow rates during heavy rainfall events. This helps alleviate pressure on stormwater infrastructure and minimize the risk of overflows.

**Improved Water Quality:** Rainwater is generally cleaner than stormwater runoff, which often carries pollutants like fertilizers, pesticides, and oil. By reducing the amount of polluted runoff entering waterways, rainwater harvesting helps protect water quality.

\$4 per gallon collected up to \$20,000

## VCAP PROCESS

