

Rain gardens are landscaped depressions that receive stormwater runoff and allow the runoff to slowly infiltrate to the groundwater table. As well as intercepting stormwater runoff that could have added to potential flooding problems, the rain garden allows nature to play a role, removing some of the pollutants that would have otherwise affected downstream water quality. During infiltration, plants use excess nutrients for growth, sediment is trapped in the garden and biological and physical processes remove pathogens. Dissolved metals and nutrients bind or absorb to soil particles and are removed temporarily out of the system. Rain gardens also create important habitat for bees, butterflies and birds.



Clean Water in our streams, rivers & lakes is all our responsibility and we need to work together to build awareness of water quality problems and solutions.



To Report a storm water issue, contact:

Mayor's Hotline
636-282-6699
Please Help!

[For More Information](#)

City of Arnold Public Works
2900 Arnold Tenbrook Rd.
Arnold, MO 63010
(636) 282-2386

NOMINATE A STORM WATER AWARD RECIPIENT

For the City's Storm Water Award.

Candidates are individuals, groups or businesses who help promote and improve stormwater quality.

Because every raindrop counts.

If you have a nominee for a future Stormwater Award, please submit your nominee to:

City of Arnold's Public Works Department

Phone number 636-282-2386
2900 Arnold Tenbrook Road

This Best Management Practice helps protect our streams by cleaning pollutants from stormwater runoff *and* reducing the amount of stormwater runoff, which helps prevent flooding downstream!

RAIN GARDENS



Stormwater Ponds

Stormwater ponds benefit...

People

A focal point for a community or neighborhood offering nature-viewing, birdwatching, and enjoyment that upgrades the look of the neighborhood.

Water

Collected runoff enters the pond, and pollutants and sediment settle to the bottom. Water leaves the pond cleaner than it entered.

Flood Control

Storage during rain events protects properties and neighborhoods from flooding.

Community

Increased water storage and water quality treatment are positive outcomes for people and wildlife.
REMEMBER, WE ALL LIVE DOWNSTREAM

Benefits of a Living Shoreline

- **PROTECTS THE WATERWAY** by trapping sediment, pollutants, pathogens and chemicals
- **STABILIZES SHORELINES** with deep root systems, reducing erosion and property loss
- **SLOWS AND STORES RUNOFF**, reducing risk of flooding
- Supports a **HEALTHY AND WORKING ECOSYSTEM** that protects your community investment
- **CREATES SHADE** for fish
- **IMPROVES THE NATURAL LOOK** and feel, which may increase property values

Aeration

Some ponds include aeration devices which increase **Dissolved Oxygen** (DO) levels. More DO helps:

- Prevent fish kills
- Reduce unattractive algae blooms
- Bacteria break down organic matter such as leaves
- Provide oxygen for fish and other aquatic animals
- Increase water clarity
- Improve odor

Living Shores is a program of Oregon Secretary of Public Service Activities. Information is provided by faculty and Cooperative Extension staff. Oregon University Cooperative Extension Service offers its programs in partnership with local, regional, state, and national agencies. Oregon University Cooperative Extension Service offers its programs in partnership with local, regional, state, and national agencies.