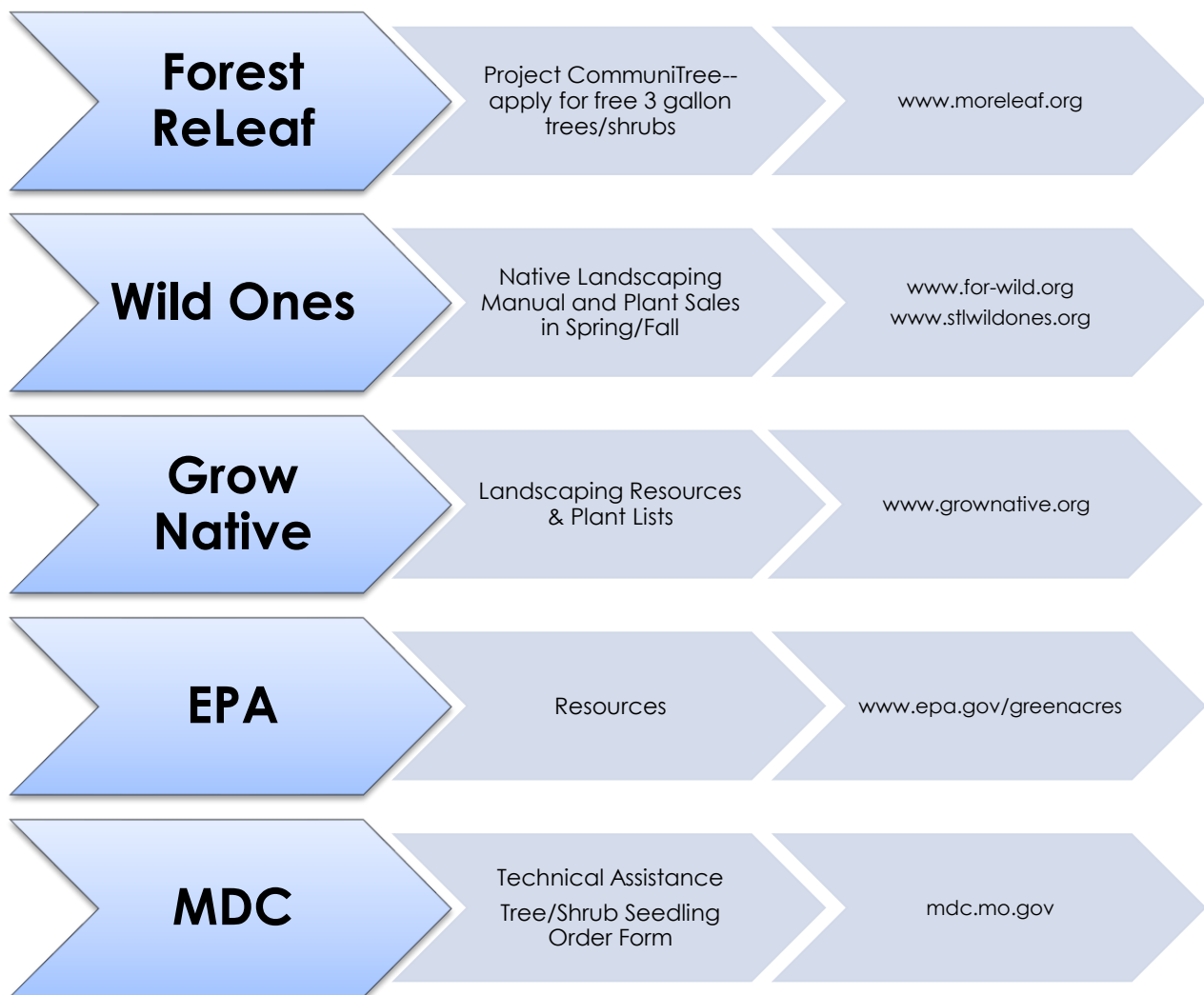


Resources for Stormwater Basins

Stormwater facilities like detention and retention basins provide flood control. Some newer developments (after 2008) have additional requirements for improving water quality as well as protecting downstream channels. Subdivision regulations require they are built and maintained according to the city's [Engineering Design Criteria](#) and ordinances regarding [Stormwater Pollution Control](#), [Property Maintenance](#), and [Subdivision Regulations](#). Subdivision covenants may also outline responsibilities such as grounds maintenance, mowing, trash cleanup and pollution prevention and keeping vegetation established.

Annual inspections and maintenance by property owners are recommended to ensure proper function. Public infrastructure (pipes, outfall structures, etc.) owned by the City are the City's responsibility to maintain. Feel free to use the Guide for Basin Maintenance and Inspection Checklist available at www.wentzvillemo.org. This outlines areas of responsibility and details about mowing.

Here are resources for stormwater facilities, landscaping, technical assistance and funding opportunities (list is not all-inclusive):



Over...

Resources for Stormwater Basins

Plant Options

Plants such as soft rush, spatterdock/water lily, arrowhead and pickerel plant (pickerelweed) are great to spread along wet areas of retention basins to help outcompete cattails. Plant lists for wet and dry basins are also available from the City upon request.

www.missouribotanicalgarden.org/plantfinder/plantfindersearch.aspx

Missouri Dept. of Conservation

(Programs/funding vary by year; please inquire for updates)

The Missouri Department of Conservation (MDC) is available to provide onsite technical assistance to public and private stakeholders. Due to the increased volume of property owners in Wentzville, individual house calls are not possible. However, HOA and other homeowner organizations are encouraged to seek assistance when necessary. Below is list of practices that MDC can aid with:

Chemical Control and Conversion of Land

- Chemical control may be necessary to eliminate exotic invasive species from an area. This often includes converting ag fields or other unused spaces. This includes eliminating nuisance plants such as Johnson grass, Sericea lespedeza, callery pear and bush honeysuckle.

Native Herbaceous Vegetation Establishment

- Assistance with the procurement of native seed for a project along with recommendations and guidelines for choosing the proper seed mixes and planting densities.

Native Tree and Shrub Establishment

- When appropriate, assistance can be given to plant native trees and shrubs along riparian corridors to severely mitigate the ill effects of stormwater erosion.

For more information or to request assistance, contact Jeff Esely Jr., MDC Private Land Conservationist at (636) 528-4877 x111 or Jeff.Esely@mdc.mo.gov or Danny Moncheski, Community Forester, at (636) 300-1953 x4122 or Daniel.Moncheski@mdc.mo.gov. Any party interested in the practices mentioned above is highly encouraged to contact MDC. Specific implementation and maintenance plans can be provided as guidance.