



### Water Quality Little Known Facts

1. BMP's improve the overall water quality of our watersheds by filtering the pollutants before runoff is released to receiving streams or rivers
2. BMP's provide slow release of captured runoff. This simulates natural pre-development hydrological conditions.
3. Neglected maintenance will hinder the BMP from functioning properly
4. Regular yearly maintenance of BMP's will likely save time and money versus waiting until damages are costly and difficult to repair



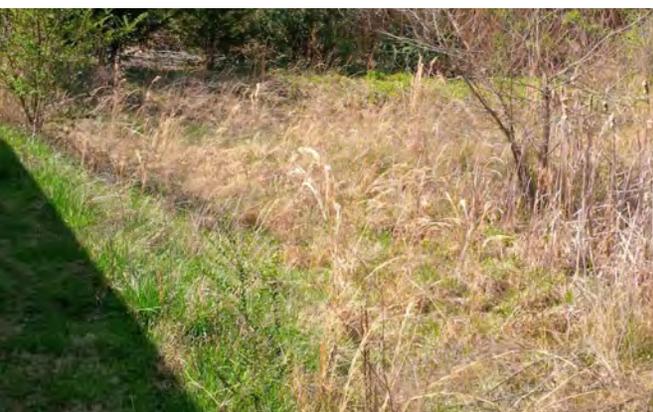
### QUICK

#### Do's

- ✓ Prepare a maintenance schedule
- ✓ Remove debris/trash
- ✓ Remove overgrowth vegetation
- ✓ Repair bare spots on slope and banks

#### Don'ts

- ⊘ Do not mow pond too close; typical height 6"
- ⊘ Do not leave grass clippings in pond
- ⊘ Do not apply lawn/landscaping chemicals

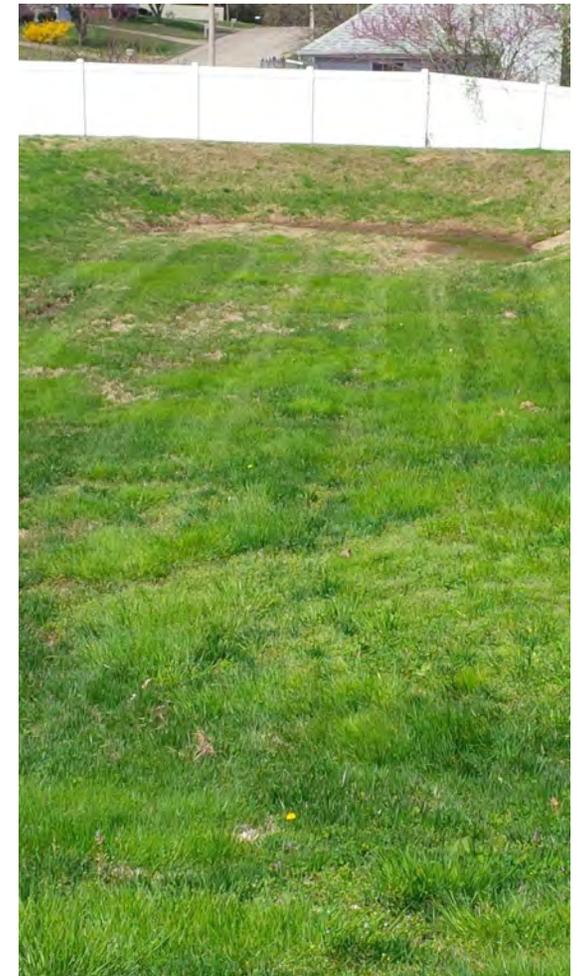


### Contact Us

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# MAINTAINING DETENTION PONDS

**Best Management Practice  
 Maintenance Guide**



# Dry Detention Ponds

are a Best Management Practice (BMP) stormwater control measure. They improve the water quality of runoff from impervious surfaces. They also provide temporary storage by attenuating the runoff through a controlled release structure that reduces peak flow rates to our streams.



## Who's Responsible for Maintenance?

Detention ponds are best maintained by serving residential neighborhoods and are generally owned and maintained by the homeowners within the subdivision area. Details of plats can be obtained by contacting the Technical Information Center (TIC).



## Maintenance Concerns

- Embankment and outlet stabilization
- Sedimentation build-up
- Inlet and Outlet blockage
- Unnecessary and outdated low-flow channels
- Extended period standing water or wet soils
- Floatables and debris
- Weeds or woody vegetation (trees) especially on embankments
- Mowing and landscape costs

Good Practices—Provide visible signage  
Ex: “No Dumping of trash, grass clipping or yard debris.”; also, maintain a copy of the design plans or As-Built’s detailing the installed BMP’s

# Maintenance Requirements

## Routine

- Inspection—regular inspection with documentation
- Debris and litter removal—inlet and outlet clear
- Vegetation Management—mowing when and where needed.
- Verification of mechanical components in working order (gates, locks and other components)

## Non-Routine

- Stabilization and erosion control repairs
- Sediment removal
- Repair damage to inlet or outlet structures

