



Missouri Department of Transportation
Maintenance SOP
For
Bioretention basins, Infiltration basins, Infiltration Trench's



Bioretention basins, Infiltration basins, and Infiltration trench style basins are shallow basins\trenches with high permeable soils designed to temporarily detain and infiltrate Stormwater runoff. They should not be retaining water for more than a 48 hour period.

Annual Inspection guidelines

- 1) Inspect basins for ponding or indicators that water has ponded for an extended period.
- 2) Inspect for sediment buildup on the bottom, and remove as needed.
- 3) Inspect for erosion at inlet and outlet. Repair as needed; reestablish permanent native vegetation where needed.
- 4) Remove all litter and debris from the basin and immediate surroundings.
- 5) Remove all woody vegetation that is *not* the intended vegetation. For questions or concerns about vegetation contact *the Stormwater Compliance Coordinator in the Environmental Section at (573)751-2790*.
- 6) Keep grass mowed at a height no less than 6 inches.



BAD

What should they look like?
-No standing water
-No woody vegetation
-No trash
-Sediment free



GOOD



(Bioretention Basin)