

# Rain Barrels

- Used in Residential Areas
- Reduces Runoff
- Captures Roof Pollutants
- Reduces Water Demand
- Effectiveness Depends on Usage



# Rain Barrel Analysis Assumptions

- Only used to control residential roof runoff
- 50-gallon rain barrels used in model
- Average of 10 gallons of water used/day from rain barrel from March through October
- Each barrel drains the average roof size (1961 sf for Tributary 3 - West Branch, 2891 sf for 22<sup>nd</sup> St. Tributary - East Branch)
- Computed pollutant load reduction for 10%, 25%, 50%, and 100% of residential homes with rain barrels