

# Rain Gardens

- Bio-Filtration/Runoff Reduction



# Rain Garden Analysis Assumptions

- Unit residential rain gardens sized at 100 sf
- Unit commercial rain gardens sized at 200 sf
- Rain gardens used to treat roofs and parking lots in all land use categories as well as lawns in residential areas
- Rain gardens modeled as having 2.5 ft of amended soil, 1 foot of rock/gravel under drained by a 4 inch pipe
- Number of rain gardens sized to 5% of the treated area
- Computed pollutant reduction for 10%, 25%, 50%, and 100% of treated areas