

# PRETREATMENT FOR RAIN GARDENS



## RAMIFICATIONS OF FAILED PRETREATMENT

- CLOGGING REDUCES INFILTRATION CAPACITY
- DEBRIS BUILD UP IN CURB-CUT CAN CAUSE BYPASS BEFORE THE GARDEN IS FULL
- SEDIMENT IN GARDEN IS UNSIGHTLY AND SMOTHERS PLANTS

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## COMMON PRETREATMENT PROBLEMS

TURF FILTER STRIPS ARE OFTEN INEFFECTIVE, REQUIRING EXHAUSTIVE RAKING AND ANNUAL SOD REPLACEMENT.



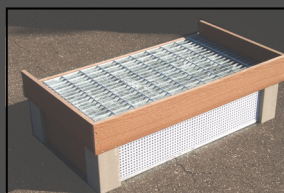
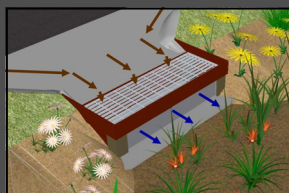
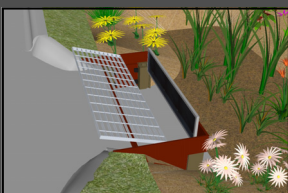
ROCK INLET EFFECTIVENESS DIMINISHES RAPIDLY WITHOUT FREQUENT LABOR INTENSIVE CLEANING.



ALTERNATIVE PRETREATMENT CHAMBERS CAN BE COST PROHIBITIVE AND MAY FAIL, FLOODING THE GARDEN WITH DEBRIS AND REQUIRING HOURS TO CLEAN.



## SOLUTION: RAIN GUARDIAN™ PRETREATMENT CHAMBER



REFER TO RAIN GUARDIAN™  
PRETREATMENT CHAMBER  
FLYER FOR DETAILS



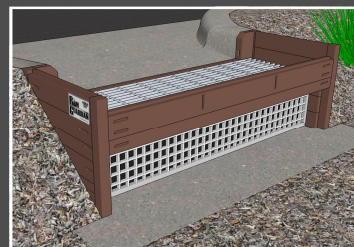


## PRETREATMENT FOR BIORETENTION

Rain Gardens • Swales • Filtration Basins • Infiltration Basins



COMMERCIAL/INDUSTRIAL



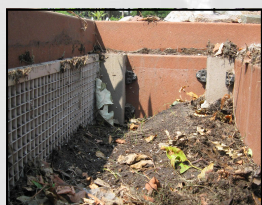
RESIDENTIAL



### Maximize Capacity & Extend Effective Life

- Grate/filter/chamber combination captures sediment and debris
- Overflow points prevent inlet debris from causing bypass before bioretention reaches capacity

*"A Rain Guardian is a must for any rain garden."*  
- Steve M.,  
St. Paul, MN



### Simplify Maintenance

- Sediment and debris removed from chamber with shovel
- Drop-in filter cleaned with broom or hose

*"The Rain Guardians provide very effective pretreatment along with efficient, simplified maintenance."*  
- Noah Czech,  
City of St. Cloud, MN



### Easy Installation

- Placement and securing take only minutes
- New construction or retrofits

*"It's amazing, with just a 0.5" rain event each Rain Guardian captured two 5 gallon buckets full of sediment. Maintenance is simple and can be accomplished in only minutes..."*  
- Brian Sanoski,  
Wright SWCD

## Rain Guardian—Bunker

### Standard exterior dimensions:

51.25"L x 20"W x 15.75"H

Concrete or Composite

Distributed by Porous Technologies LLC:  
(CA, OR, WA, NV, AZ, NM)

**POROUS**  
TECHNOLOGIES, LLC

*When it Rains...it's Porous™*

