

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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HAM LAKE, MN 55304
(763) 434-2030 (M-F 8:00-4:30)
WWW.ANOKASWCD.ORG



COMMON PRETREATMENT PROBLEMS

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



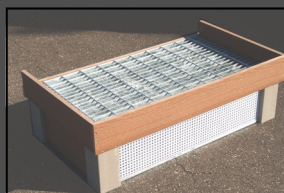
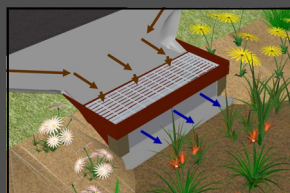
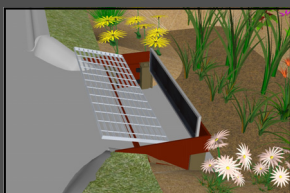
ROCK INLET EFFECTIVENESS DIMINISHES RAPIDLY WITHOUT FREQUENT LABOR INTENSIVE CLEANING.



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



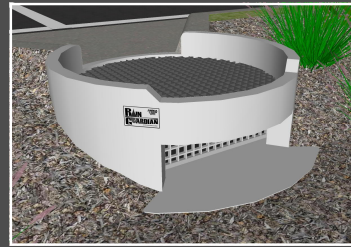
REFER TO RAIN GUARDIAN™ PRETREATMENT CHAMBER FLYER FOR DETAILS



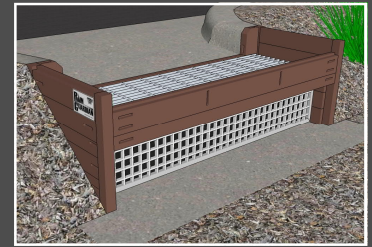


PRETREATMENT FOR BIORETENTION

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

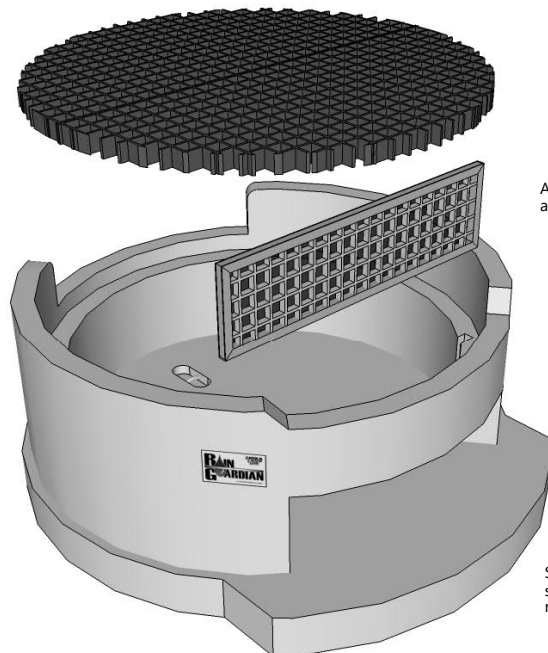
"It's amazing, with just a 0.5" rain event each Rain Guardian captured two 5 gallon buckets full of sediment. Maintenance is simple and can be accomplished in only minutes..."
- Brian Sanoski,
Wright SWCD

Rain Guardian—Turret

Standard exterior dimensions:
46" x 50" base, 19.5" total height

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

POROUS
TECHNOLOGIES, LLC
When it Rains...it's Porous™



Fiberglass grate (2-piece)

Anodized aluminum filter frame and fiberglass filter grid

Steel reinforced, cold joint secured monolithic concrete riser and base (1,030 lbs.)