

# Installing an underground pollution filter

Upland Filter

## benefits

- ✓ improve your landscape
- ✓ control runoff
- ✓ receive technical assistance
- ✓ receive financial reimbursement
- ✓ protect Lake Whatcom



### garden compatible

Relax and enjoy your garden with the assurance you are doing your part to keep Lake Whatcom clean.



### room to play

Right next to this grassy area is a special rock and sand mix that filters pollution out of runoff from the surroundings.



### invisible infiltration

A gravel garden feature disguises an underground water quality protection system. You can add interest to your landscape and protect Lake Whatcom at the same time.

## Want a yard that provides enjoyment to you and clean water to our community?

Your yard doesn't need to look different to dramatically improve the quality of water entering Lake Whatcom. Underground pollution filter systems can be designed to treat the pollution running off of your property without interfering with the enjoyment of your backyard.

HIP-certified professionals can help you design and install these and other improvements that are eligible for reimbursement—up to \$1.60 per square foot of property improved to protect Lake Whatcom.



## How much space will my underground pollution filter take up?

It depends. Many factors, including the unique layout of your property and whether you are using pipes to convey runoff into the water treatment system, influence the size of your project. A HIP-certified designer can determine the appropriate size of your underground pollution filter. Generally, though, filtering systems have a smaller footprint than other HIP BMPs, like infiltration trenches.

### envision the possibilities



*Placing a pollution filter system below ground allows you to maintain space in your yard.*

*Underground pollution filters provide a blank slate for your creative landscaping ideas.*



## 1 Project Design\*

- ✓ Choose location for filter
- ✓ Determine location of piping into and out of system, if applicable

## 2 Review and Approval

- ✓ Complete application\*
- ✓ Receive free permit

## 3 Construction & Installation\*

- ✓ Dig out existing soil
- ✓ Place pipes and drains if applicable
- ✓ Install special filter material

## 4 Maintain your system

- ✓ Keep pipes and drains clean and replace filter material when needed.
- ✓ Other upkeep activities unique to your project.

\*A HIP-certified professional can be hired to help complete these tasks for you.



## QUESTIONS?

Find resources and request a free site visit at [www.lakewhatcomHIP.org](http://www.lakewhatcomHIP.org).