

Installing an underground pollution filter

POST Filter*

benefits

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



Courtesy of architerra.com



Courtesy of toomesh.com

small footprint

This small but mighty filter excels in tiny spaces. Even if you don't have a large yard, you can still help keep Lake Whatcom clean.



big benefit

POST filters contain materials specifically designed to keep pollutants out of Lake Whatcom.



invisible infiltration

Top your underground filter with a native plant garden or cover with a patio or gravel surface for entertaining.

Limited on space but want a yard that provides clean water to our community?

Even with limited yard space you can still make big water quality improvements to Lake Whatcom. The POST filter can be installed underground, fits in tight spaces, and contains specially-designed materials that quickly filter runoff from roofs and pavement. Enjoy your yard while protecting Lake Whatcom at the same time.

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.



*POST Filters contain an advanced treatment media developed by the City of Bellingham

How much space will my underground pollution filter take up?

POST filters are designed to fit into small spaces. The filter material is housed in a box sized to fit your site. To treat runoff from small roofs, the box is about the size of an oven. To treat bigger roofs, the box may be larger than a refrigerator. In many cases, the box is buried underground and covered with plants, rocks, a patio, or another surface of your choice.

cutting edge treatment

Native plants, river rocks, or other decorative features.

Hardwood mulch

Primary media

Polishing media

Screen

Pea gravel

Perforated pipe and drain system

Pre-constructed box made of concrete, wood, plastic, or other material



The POST filter uses state-of-the-art filtration material that not only effectively removes phosphorus and other pollutants from stormwater, but does it faster than other existing systems, saving money and getting us one big step closer to a healthy Lake Whatcom.

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 pre-constructed filter box
- ✓ Connect pipes and drains to a box
- ✓ 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.