

# Installing a lakeside underground pollution filter

Clean Beach Filter

## benefits

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



### valuable views

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



### room to play

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



### invisible infiltration

A sandy beach disguises a water quality protection system at Bloedel Donovan Park. You can enjoy your lakeside property and protect Lake Whatcom at the same time.

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

Your beach can dramatically improve the quality of water entering Lake Whatcom. Pollution filter systems under your beach can be designed to treat the pollution running off of your property without interfering with your enjoyment of your lakefront retreat.

HIP-certified professionals can help you design and install these and other improvements that are eligible for reimbursement—up to \$1.30 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 lakeside underground pollution filter.

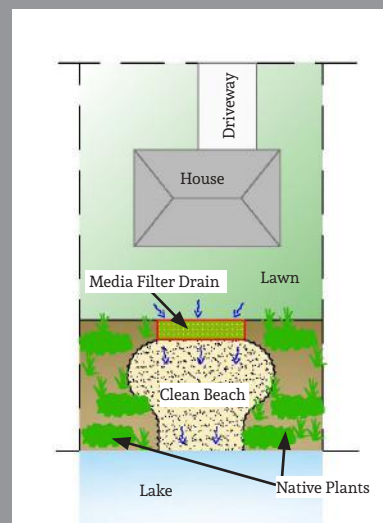
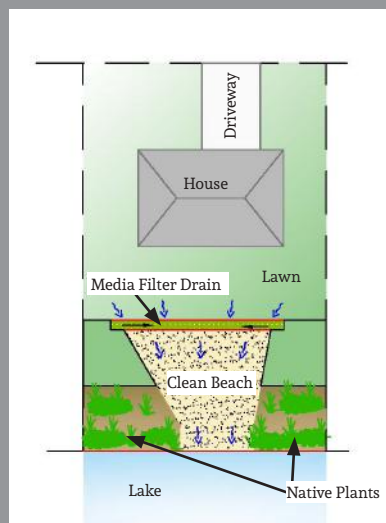
## Is your property outside of Bellingham city limits?



*Lakeside properties outside of city limits may also install clean beach projects but must ensure that at least 70% of the shoreline includes native plants.*

Photo by Anchor Environmental

*The beach area itself can be configured in many creative ways but the maximum beach length is 30% of your shoreline. Two examples of possible clean beach configurations are shown to the right.*



## 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 sand and filter media

## 4 Maintain your system

- ✓ Keep pipes and drains clean and replace sand 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).