



# StreamBank®

A program of The Freshwater Trust.

In recent years, The Freshwater Trust, a non-profit organization, grew increasingly concerned about the current system for achieving freshwater health. Human actions have altered stream habitat and lowered water quality – creating a significant need to restore our freshwater ecosystems. As pressures on freshwater from climate change and population growth continue to mount, the current pace and scale of river and stream restoration is far too slow to achieve freshwater health in a meaningful way, on a meaningful time frame.

The Freshwater Trust distills 26 years of on-the-ground experience into technology any restoration professional can command with ease. [www.thefreshwatertrust.org](http://www.thefreshwatertrust.org).

StreamBank changes the way watershed restoration works. Developed by The Freshwater Trust, StreamBank is an innovative web tool that enables local landowners and local restoration professionals to efficiently implement a restoration project. Traditional permitting and funding have become the main barriers to stream restoration, often delaying project implementation for years. With StreamBank, projects are completed 70 percent faster, while improving project quality. When utilized at scale, StreamBank could transform entire watersheds and help address current and mounting freshwater challenges, offer significant economic gains, especially to rural communities, and help benefit municipal freshwater systems.

“A streamlined, web-based process... is quicker, benefits the rural workforce, and empowers local efforts to restore and maintain a healthy, functioning landscape..”

— Oregon Governor Ted Kulongoski



**StreamBank®**

Welcome, [John Wilson](#) and [Andy Hamilton](#) | [Logout](#) | [Help](#) | [Feedback](#)

Project Type / Design | Project Completion / RDC | Project Budget / Contract | Representation / Fee Budget | Permitting | Project Completion

Project: [View](#) | [Edit](#) | [Delete](#) | [New](#) | [Refresh](#)

Select the project site(s) on the map.

Map | Satellite | Hybrid | OR | WA | RE | ID

**TELL US ABOUT THE LAND**

**Verify this is the project property**  
Use the map on the right to look over the property you specified.

**Need a closer look?**  
You can zoom in or out by using the + and - buttons on the map. To pan, click the map and drag it.

**Project Site(s)**  
Find the project site by moving and zooming using the map above. Outline your project site by single clicking on the map, drawing lines. You do not need to close the polygon; the last line will be drawn for you when you save.

To enter latitude/longitude manually, click "Manual Entry" when creating a new project site. Enter the coordinates in the following format latitude longitude such as "44.025 -122.2003"

Select	Name	Area (acres)	Delete
<input type="checkbox"/>	Site 1	7.55	<input type="button" value="X"/>
<input type="checkbox"/>	Site 2	1.37	<input type="button" value="X"/>
<input type="checkbox"/>	Site 3	2.10	<input type="button" value="X"/>

BACK SAVE GO

## How it Works

Working with landowners, local restoration professionals initiate a restoration project by going to a website and answering a series of project-specific questions. StreamBank then matches this information to a science-based prioritization scheme as well as agency and private funder criteria. The web tool also generates a budget and RFPs for local contractors and fills out the appropriate forms for permitting. Funds are advanced quickly. As part of the overall project life cycle, StreamBank also requires and funds project monitoring and reporting that measures project effectiveness and greatly reduces paperwork. The result: restoration projects that formerly took years to complete can be accomplished in a matter of months.

## StreamBank Delivers

In 2007 and 2008, The Freshwater Trust tested 21 restoration projects throughout the state of Oregon.

### StreamBank Pilot Project Outcomes

**1** mile of stream returned to its historic channel

**16** off-channel watering sites

**757,000**

square feet of invasive species removal

**1**

engineered log jam to provide fish habitat

**3.3**

miles of stream opened for fish passage

**13.75**

acres of riparian area planted along 29,120 feet of stream

**22,990**

feet of fencing to keep out livestock

**1** alcove restored

**233** pieces of large wood to provide fish habitat

