

# OWEB's Role in Improving Water Quality

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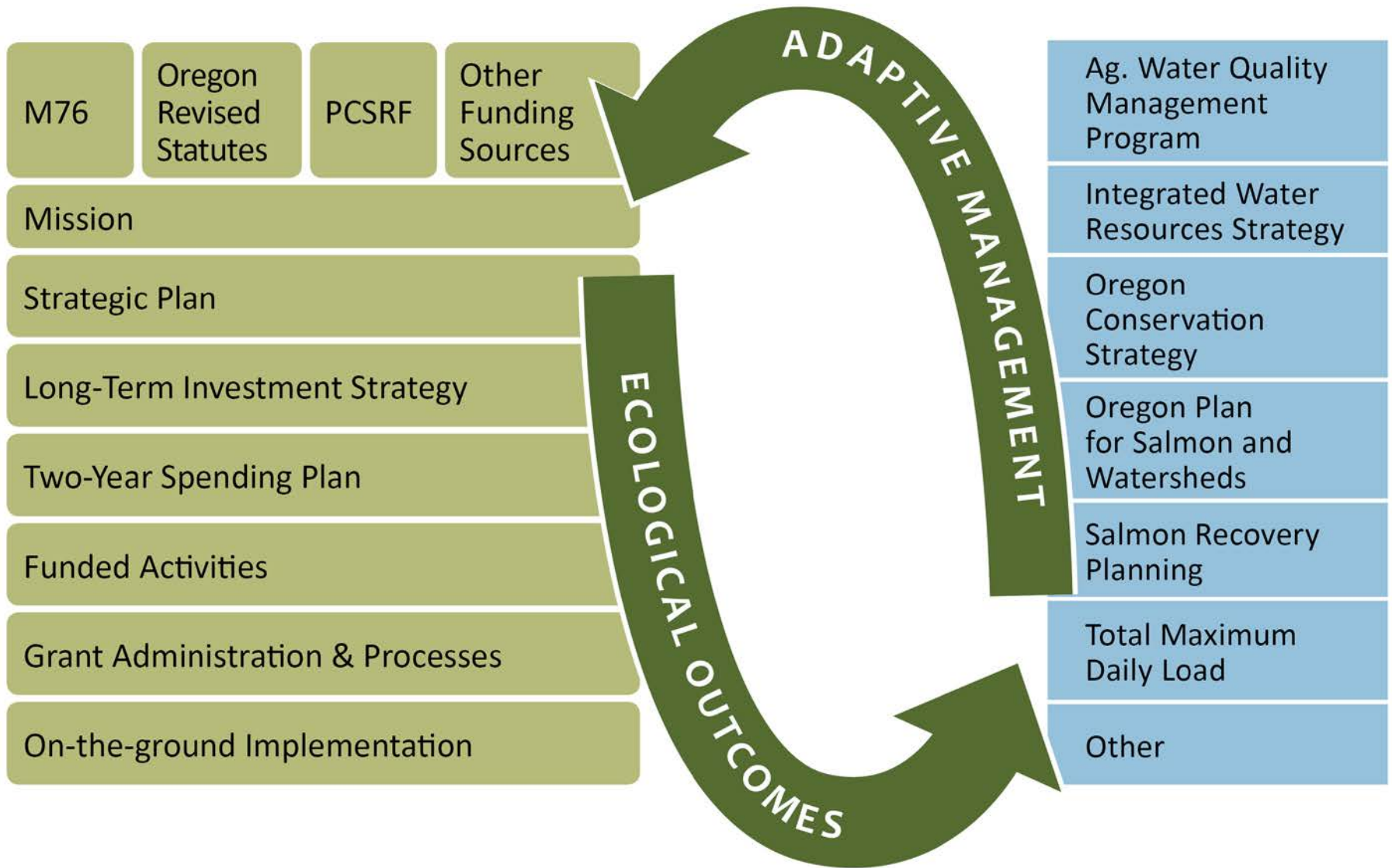


## OWEB Mission

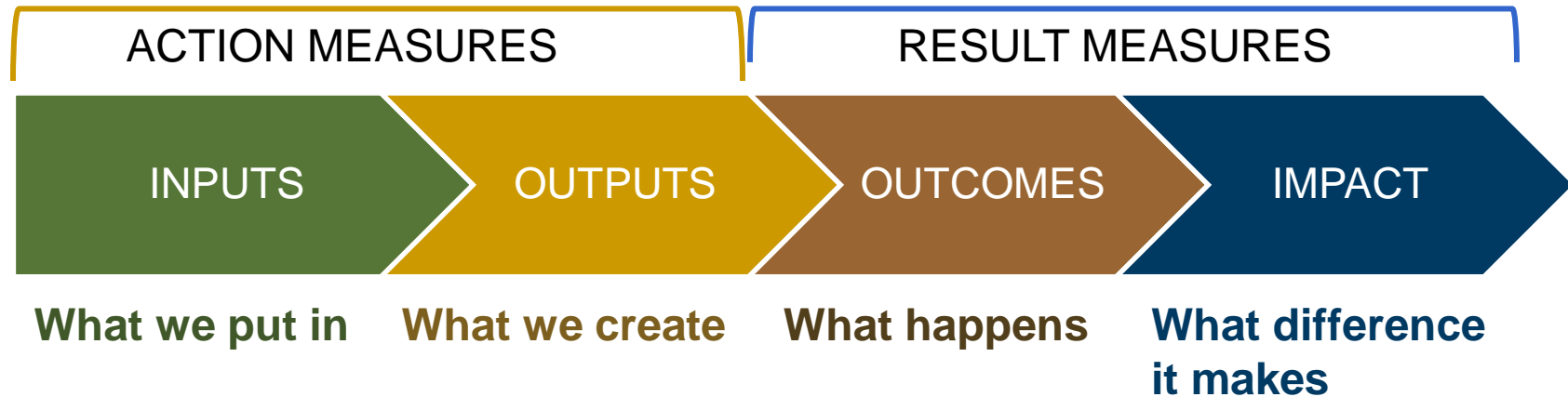
To help protect and restore healthy watersheds and natural habitats that support thriving communities and strong economies.

- *Native fish and wildlife habitat*
- *Water quality*

# OWEB's Connection to Water Quality



# Tracking Our Collective Progress



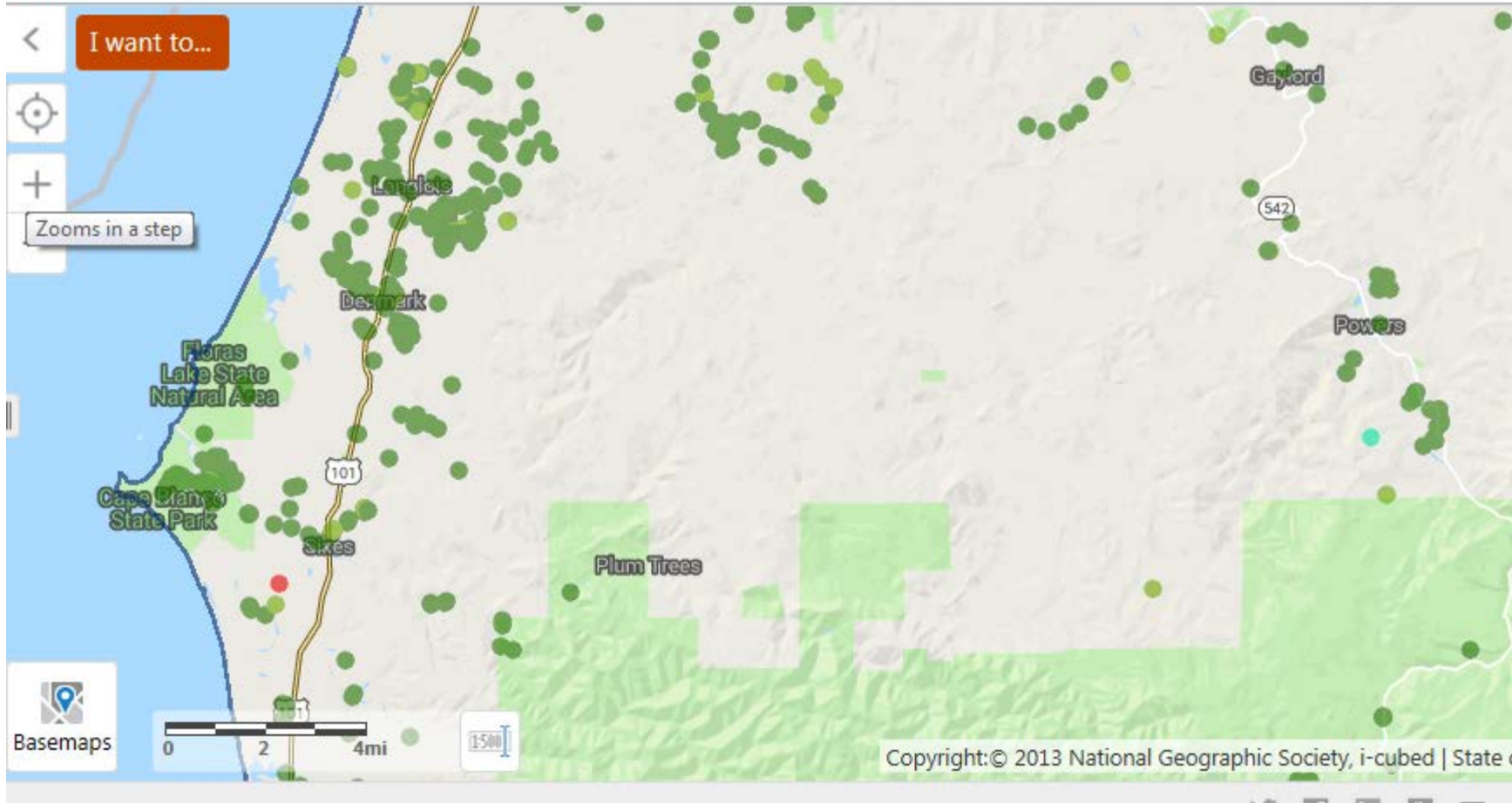
# OWEB Grant Investments, 1999-2018



## OWEB Investment Tracking Tool

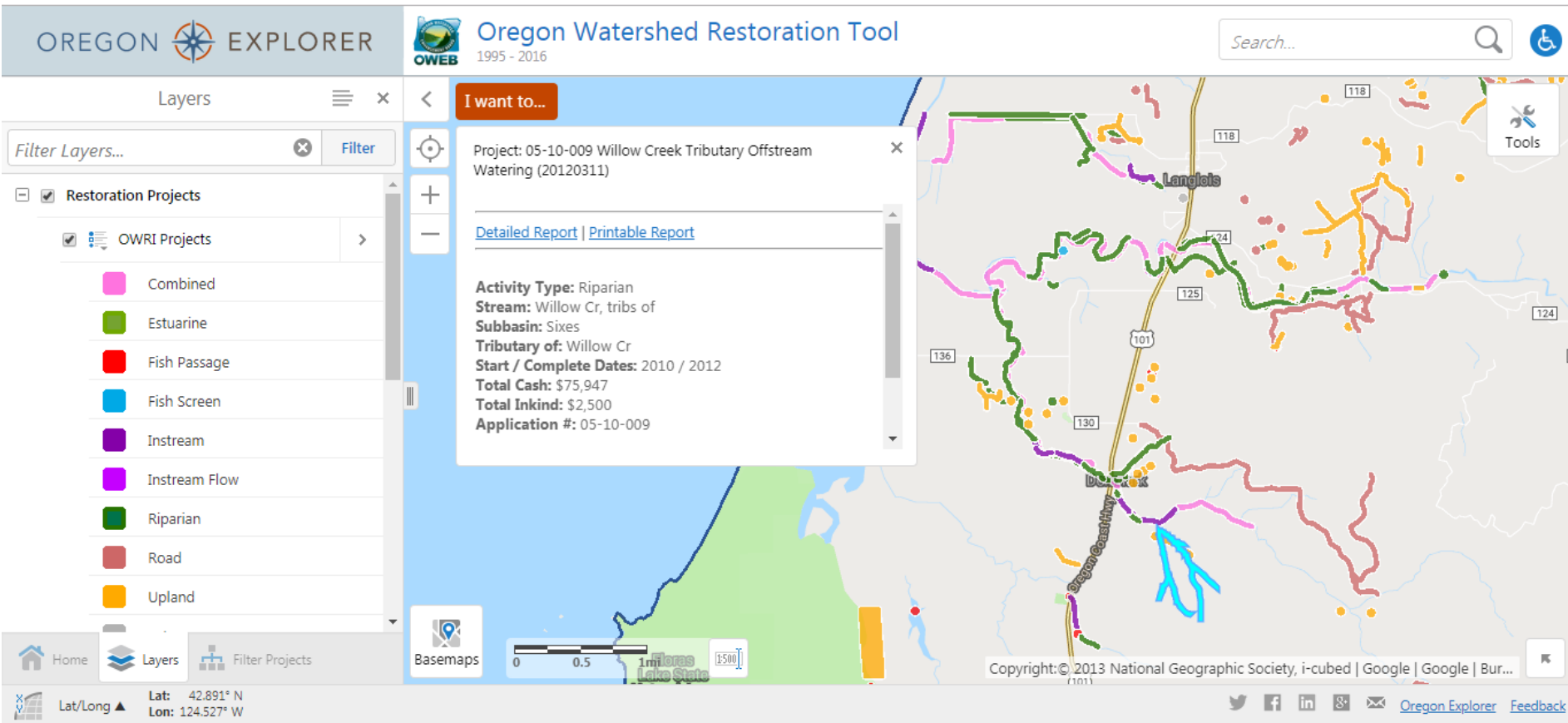
1999 - 2018

Search...



INPUTS

# Oregon Watershed Restoration Inventory, 1995-2016



OUTPUTS

**2017-18 performance results**  
– Nearly 561 stream miles restored/enhanced

# OWEB by the Numbers

Since 1999, OWEB has invested in more than 9,200 grants (nearly \$592 million) to help landowners and communities...

- **Restore more than 5,400 miles of streams**
- **Improve or create nearly 54,000 acres of wetlands/estuaries**
- **Improve the condition of nearly 1,200,000 upland acres**

A large yellow arrow pointing to the right, containing the word "OUTPUTS" in white capital letters.

OUTPUTS

# Conservation Effectiveness Partnership (CEP)



*August 1992*



*September 2013*

## OUTCOMES

Riparian plantings = Improvements in streamside condition

Percentage of fine sediments in Fifteenmile Creek and most of its tributaries has remained at decreased levels (sampling in 1994 through 2016)



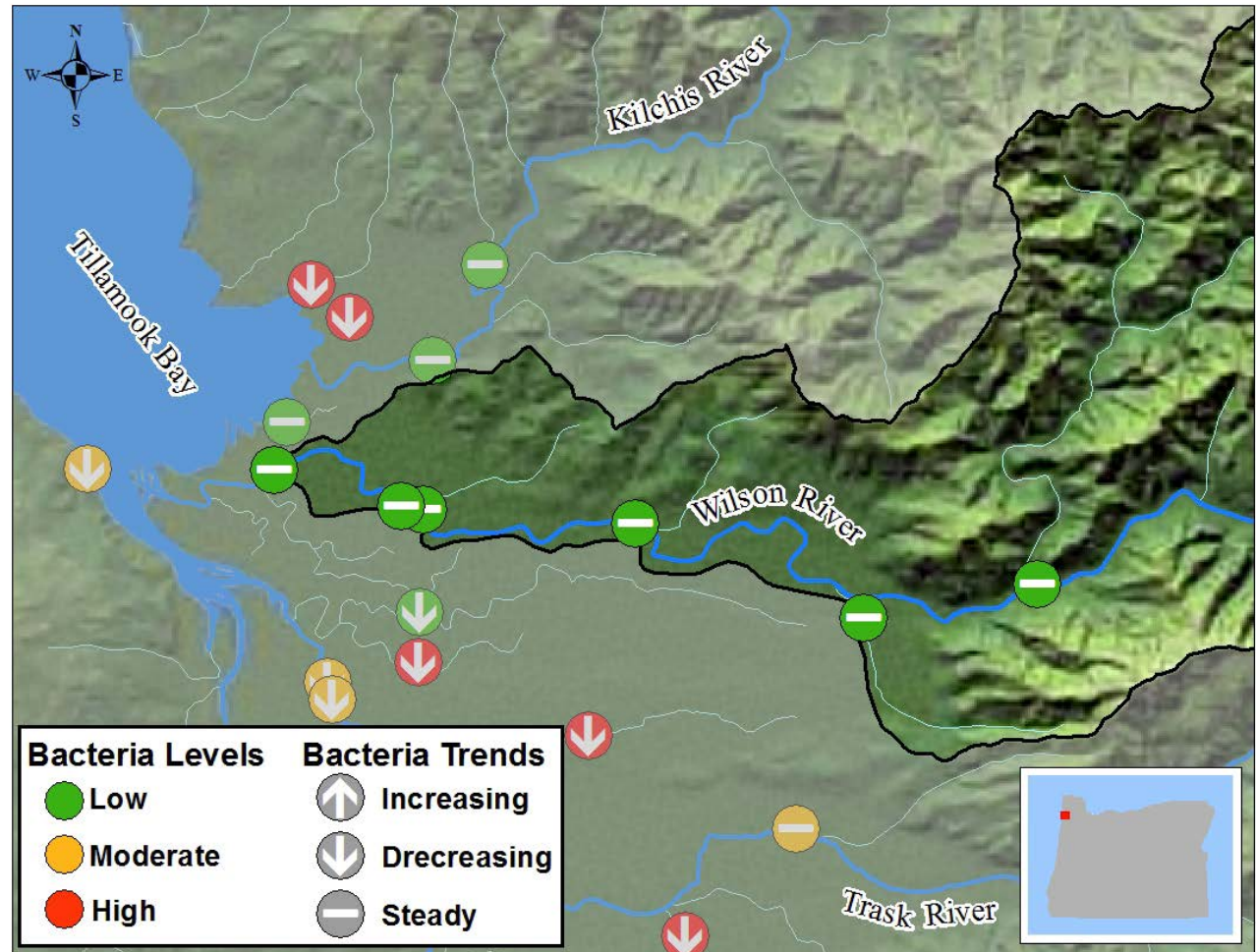
# CEP – Wilson River

Data: 1997-2016

Results: Bacteria levels declined and trends are holding steady

## OUTCOMES

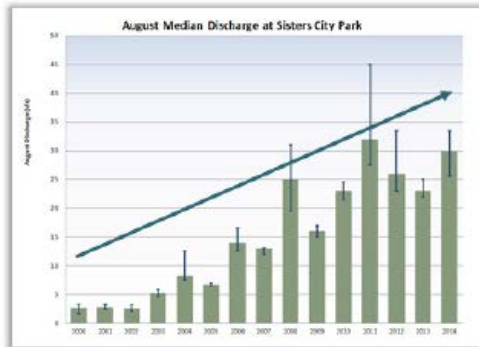
Wilson River now consistently meets recreational use water quality standard.



# Achieving Water Quality Outcomes

## HIGHLIGHT: Whychus Creek Watershed

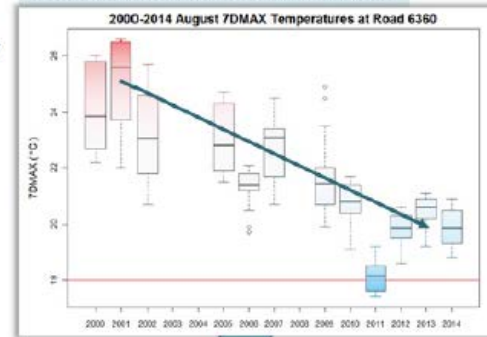
Monitoring data allowed partners to describe what measurable ecological outcomes were achieved when restoring streamflow in Whychus Creek.



**Output:**  
*Increased Streamflow*

**Action:**  
*Streamflow Restoration*

**Outcome:**  
*Reduced stream temperatures*



**Outcome:**  
*Thriving cold-water bugs!*

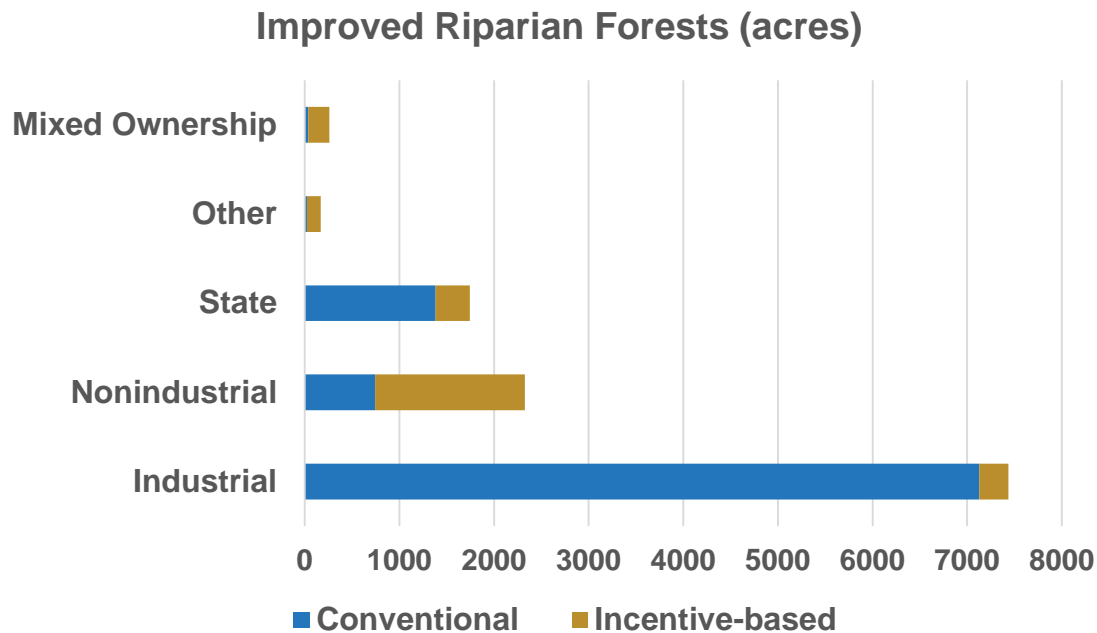


OUTCOMES

# Voluntary Measures – OWEB and ODF

## Objectives:

- Assess implementation of voluntary projects most frequently conducted by forest landowners
- Identify barriers to implementation/reporting



# Thank You

