

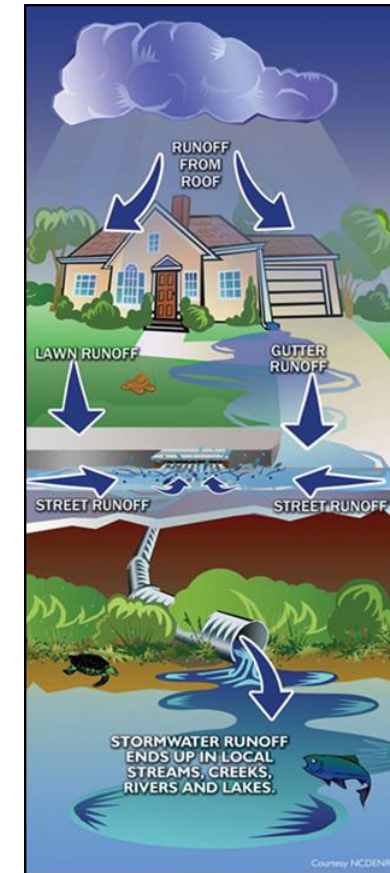
# Protecting Your Drinking Water Source for Communities & Fish: How to Increase Resiliency with Land Conservation and Acquisition

Oregon Department of Environmental Quality  
Clean Water State Revolving Fund Overview  
Nov. 1 and 3, 2022



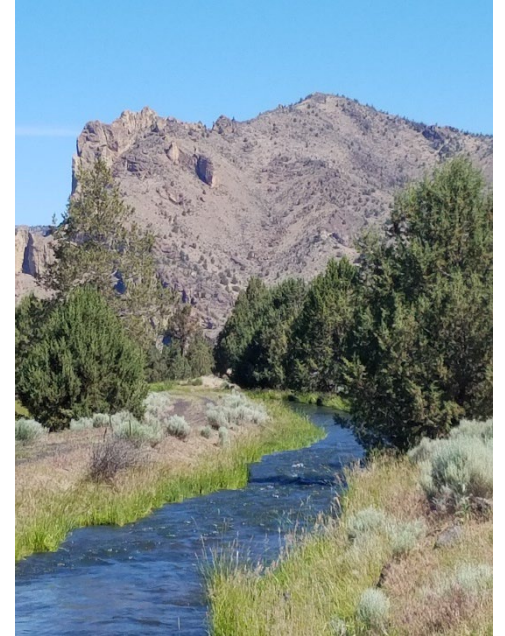
# Oregon CWSRF Overview

- Funding authorized under the Clean Water Act in 1987 to finance water pollution control activities
- Below-market rate loans for a wide range of water quality and infrastructure projects
- More than \$1.4 billion to 200 borrowers throughout the state of Oregon over 30 years
- \$750 million loan portfolio value at any given time – the fund “revolves” ...



# If it improves **water quality**, we can likely finance it!

- Point source, nonpoint source projects!
- Wastewater, stormwater, irrigation modernization, watershed protection and restoration, energy and water efficiency, green infrastructure, estuary projects and more!
- Planning, design and construction projects!
- Land acquisition



Central Oregon Irrigation District open canal flows by Smith Rock



Wastewater aeration basin



Prineville's treatment wetlands

# Eligible Borrowers (ORS 468.423)

## ❖ An Oregon Public Agency:

- ❖ Cities
- ❖ Counties
- ❖ State Agencies
- ❖ Federally recognized Tribes
- ❖ Irrigation Districts
- ❖ Sanitation Districts
- ❖ Soil & Water Conservation Districts
- ❖ Intergovernmental entities under ORS 190
- ❖ Community Development Financial Institutions for septic tank repair, replacement, or connection to sewer

# Four primary loan types: Many possible projects

## Below-market rate loans for planning, design and construction

The Oregon Clean Water State Revolving Fund helps protect public health, restore natural areas and promote economic development. We can help you decide which treatment approach and loan type will meet your water quality needs.



### Point Source

- Any single identifiable source of water pollution discharge
- Common types are factories, sewage treatment plants and other industries



### Nonpoint Source

- Pollution carried by rain, snowmelt, seepage or drainage, including:
- Oil
  - Animal waste
  - Bacteria
  - Agricultural chemicals
  - Stormwater



### Planning

- Data collection and measurement
- Evaluation, analysis and security
- Report preparation
- Environmental review and any other activity leading to a written document



### Local Community

- Enables communities to develop their own water quality loan program
- Projects may include septic work, estuary management and irrigation projects



# Nonpoint Source Project Categories

- Stormwater (nonregulated systems as nonpoint source)
- Decentralized wastewater treatment (septic tanks systems)
- Surface water protection and restoration
- Groundwater protection and restoration
- Habitat protection and restoration
- Agriculture best management practices
- Silviculture
- Contaminated sites
- Landfills

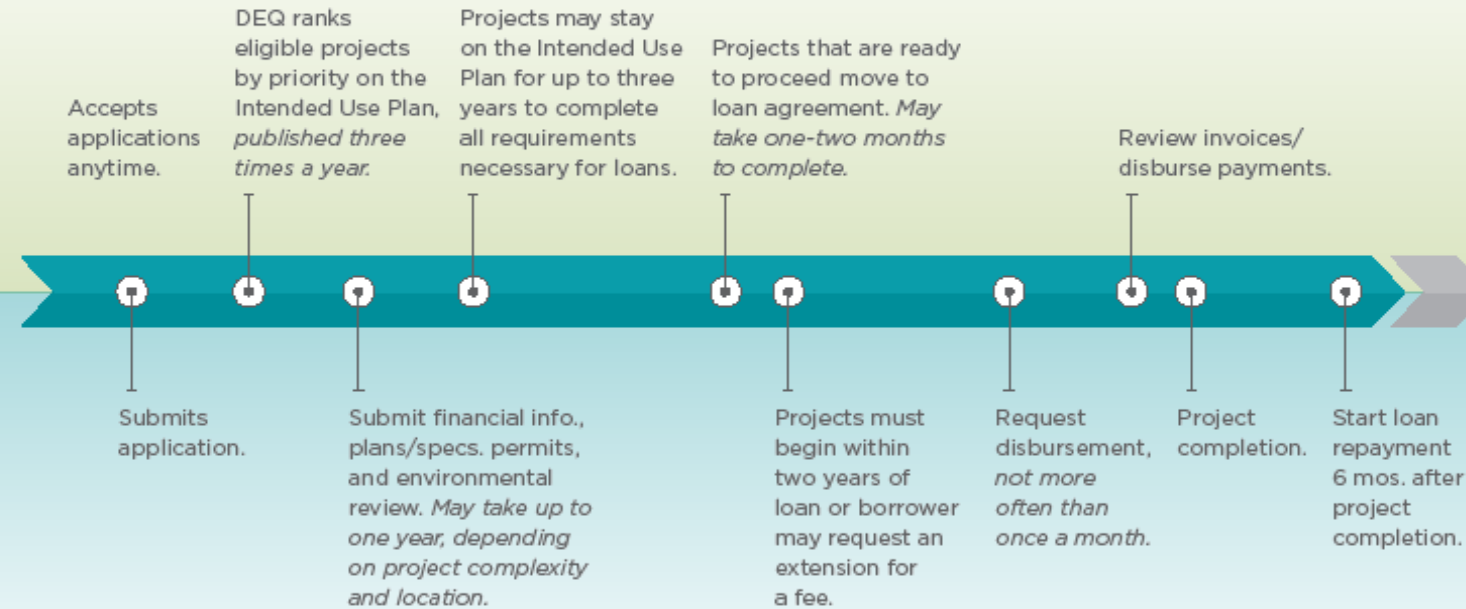
# Green Project Categories

- Water efficiency
- Energy efficiency
- Green infrastructure
- Environmentally innovative

# Clean Water State Revolving Fund Timeline



## DEQ Actions



## Applicant's Actions





# Application and Intended Use Plan

- Applications reviewed and scored three times per year
- Deadlines:
  - December 9<sup>th</sup>, 2022
  - April 14<sup>th</sup>, 2023
  - August 11, 2023
- Applications are included in the Intended Use Plan and need to meet requirements before signing a loan
- An application can be on the IUP for up to 36 months

# Oregon CWSRF Program Resources

- [Oregon CWSRF Webpage](#)
- [Loan Information Request Form](#)
- [Loan Application Request Form](#)
- [Program Contacts](#)



Chris Marko, Oregon DEQ CWSRF Program Coordinator  
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503-229-6412

# Water Infrastructure Investment Opportunities

Contact: Melissa Murphy, Business Oregon

Land Acquisition and Conservation Workshop  
November 2022



# Overview

- Enhanced Federal Investment in Infrastructure
- SDWRLF and SIPP Funding
- BIL Challenges and Opportunities
- Source Water Protection Grants

# Safe Drinking Water Revolving Loan Fund

- Planning, design, and construction project loans for community water systems and nonprofit non-community water systems.
- Offers below market interest rates and incentive in the form of loan principal forgiveness.
- Projects that resolve current health and or compliance issues, or address technical, managerial or financial problems through consolidation receive priority funding and greater financial incentives.
- Federal crosscutters apply (Davis-Bacon, AIS, and new BABA)
- Next Letters of Interest submission date is March 15, 2023.

# Additional Considerations for SDWRLF

- Requires a completed feasibility study, up-to-date master plans are accepted
  - Inform stakeholders of existing and future issues for next 20 years (50 years for seismic)
    - Water quality, supply level, infrastructure condition/adequacy
    - Foreseeable **future** changes to water quality, supply level, infrastructure
    - Compliance with existing regulations, challenges posed by future regulation
- Shovel ready projects and a readiness to proceed is considered in prioritization of funding.

# Sustainable Infrastructure Planning Projects (SIPP)

- Funding up to \$20,000 per project
- 100% forgivable loan
- A water system may be awarded SIPP funds once every three years
- **Feasibility Studies** - studies to evaluate infrastructure project feasibility.
- **Asset Management Plan** - plan for managing water system infrastructure assets
- **System Partnership Studies** - studies to evaluate potential for system consolidation / regionalization
- **Water Rate Analysis** - analysis of water system rate charges, structure, and adequacy
- **Leak Detection Studies** - studies to detect water system leakage and identify possible solutions
- **Security Risk and Vulnerability Studies** - studies or assessments to evaluate infrastructure and information security, including cybersecurity.
- **Water System Master Plan for water systems with < 300 connections** - long-range plan to evaluate the needs of the water system and make recommendations for future improvements
- **Seismic Risk Assessment and Mitigation Plans**



# Circuit Rider Assistance

- Circuit Riders to provide short-term (typically 10 hours or less) on-site technical and engineering assistance for community water systems serving populations under 10,000, as well as nonprofit transient and non-transient water systems. For these systems, services are free.
  - **Funding application assistance**
  - **Financing options and strategies**
- See OHA website for more!

# Bipartisan Infrastructure Law Background

- BIL also referred to as the Infrastructure Investment and Jobs Act passed 11/15/2021
- Provides funding for drinking water and wastewater infrastructure through existing EPA funded programs
- SDWRLF– Oregon Health Authority and Business Oregon joint implementation
- 5 years of enhanced DWSRF funding in addition to that typically received; three distinct funding buckets

# BIL Challenges and Opportunities

- Challenge: New federal requirements (BABA)
- Opportunity: Once in a generation investment in infrastructure
- Opportunity: Assist communities that lack capacity and target equitable outcomes

# Source Water Protection Grants (DWSP)

## • Overview

- Low Interest Loans up to \$100,000, Grants up to \$50,000
- Eligible activities include those that lead to risk reduction within the delineated source water area or would contribute to a reduction in contaminant concentration within the active drinking water source.

## • Eligibility

- Any Public and Privately-owned Community and Nonprofit Non-Community water systems with a completed Source Water Assessment are eligible for funds.
- The Oregon Department of Environmental Quality (DEQ) and the Oregon Health Authority (OHA) completed source water assessments for all public water systems in the state between 2000 and 2005.
- Applicants are encouraged to contact the OHA or DEQ staff with questions about project ideas and/or project eligibility.

# Source Water Cont.

- **Updated Delineations (mapping the source protection boundary)**
- **Enhanced Assessments (Inventories, Evaluations of threats)**
- **Source Protection Planning (Education, BMPs, Conservation plans, restoration plans, plans for future easement or land acquisition)**
- **Purchase of lands within the drinking water source area (funded only via low interest loans)**
- **Implementation – Dozens of ideas on the OHA page**
  - Hazardous waste collection events, pesticide application, spill protection, conservation easements, educational materials, legal studies for feasibility of purchasing land, and more.

# Contacts & Web Presence

- Contact a Business Oregon Regional Development Officer today!
- [www.Oregon.gov/biz](http://www.Oregon.gov/biz) - Safe Drinking Water Revolving Loan Fund
- [www.Oregon.gov/bil](http://www.Oregon.gov/bil) – OHA Webpage