

# North Unit Irrigation District Irrigation Modernization Project



Photo credit:

Public Scoping Meeting: October 21, 2019  
Watershed Planning & Infrastructure Modernization



# Meeting Agenda

## Part 1:

Process & Project Overview

## Part 2:

Public Comment Breakout Session



# Part 1: Process & Project Overview

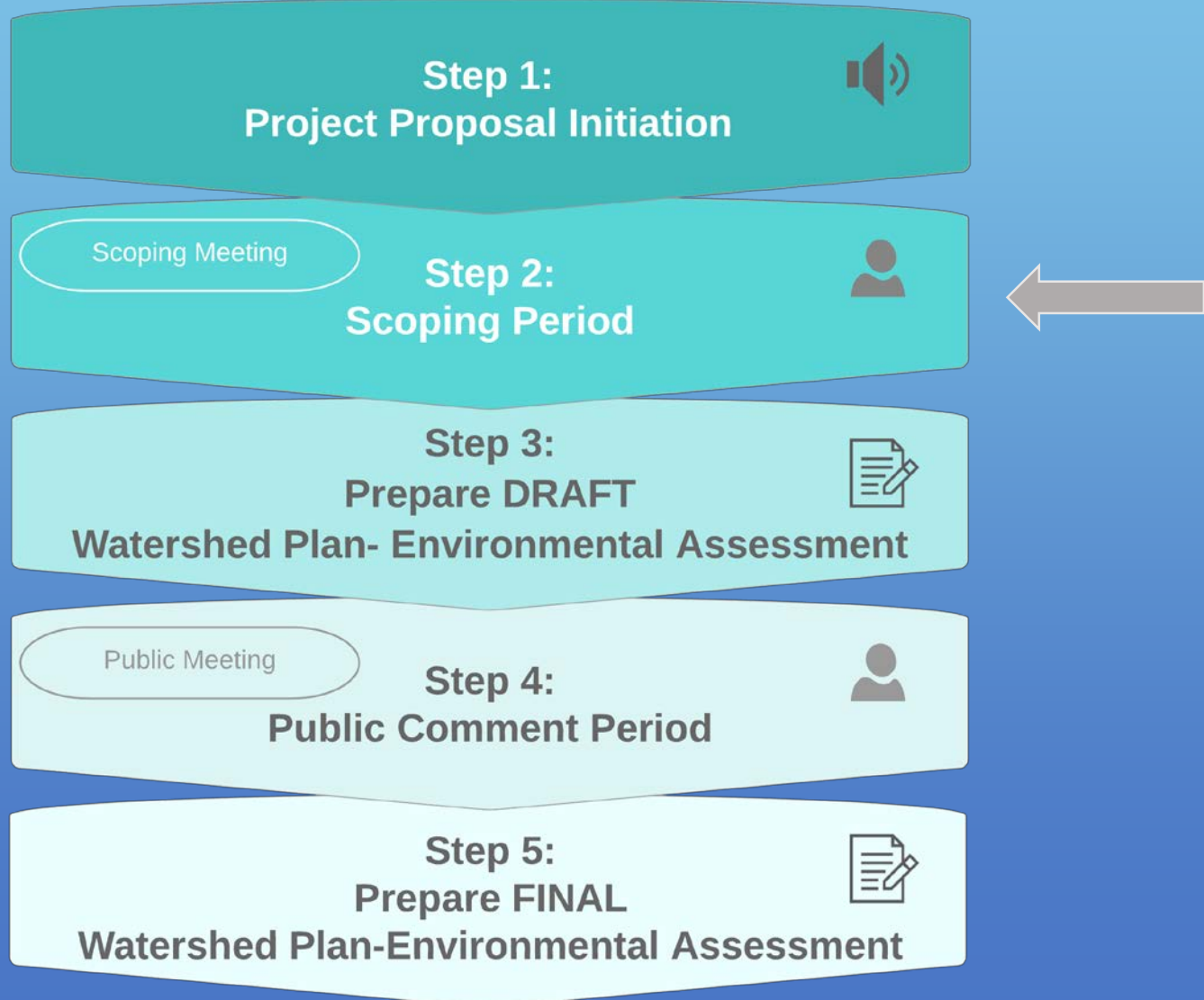


# Watershed Protection and Flood Prevention Program

- Available funding:  
Watershed Protection and Flood Prevention Program (P.L. 83-566)
- Managed by:  
US Department of Agriculture - Natural Resources Conservation Service (NRCS)
- To qualify, irrigation districts must have:
  - 1) match funding
  - 2) authorized Final Watershed Plan

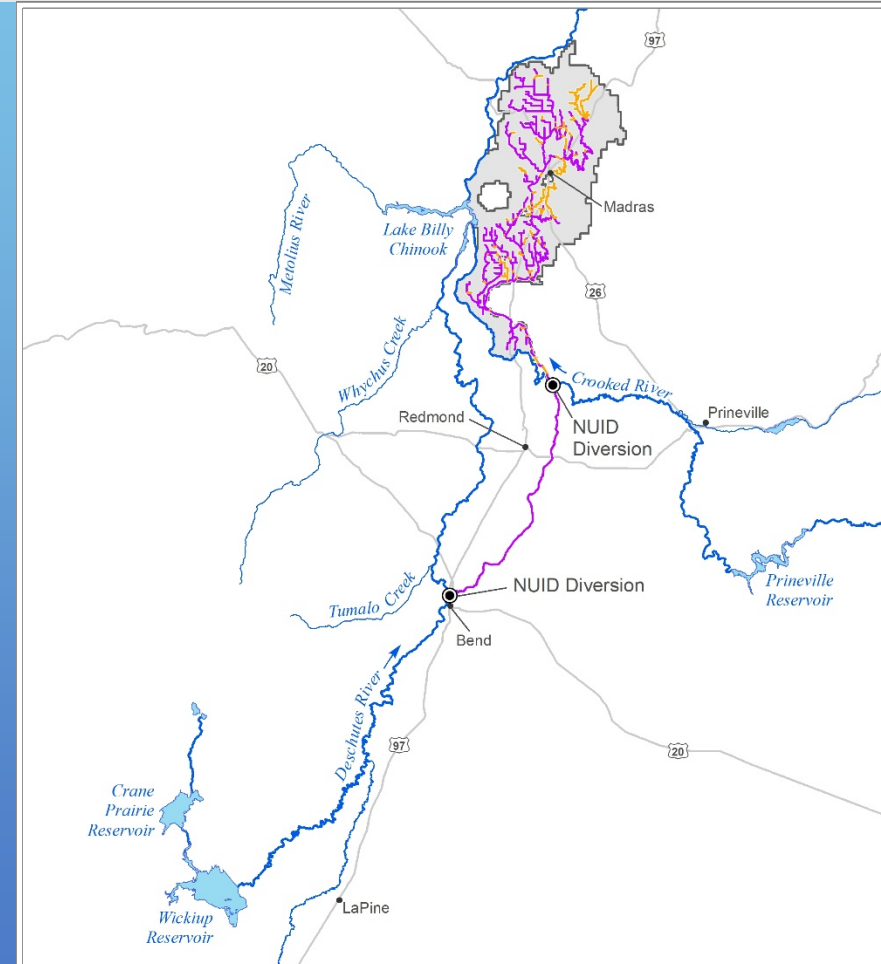


# Watershed Planning Process



# North Unit Irrigation District Overview

- **58,887** acres irrigated
- **952** irrigators served
- Irrigation season **April-Oct**
- An average of **200,000** acre-feet water diverted/ year
- **70%** comes from stored water in **Wickiup Reservoir**
- **300-mile** system



**North Unit  
Irrigation  
District**

● Diversion

~ Canal

~ Pipeline

□ North Unit  
Irrigation District



0 5 10  
Miles

Source: FCA, NHD, ODOT, 10/11/2019  
NUID Infrastructure and Diversions.mxd

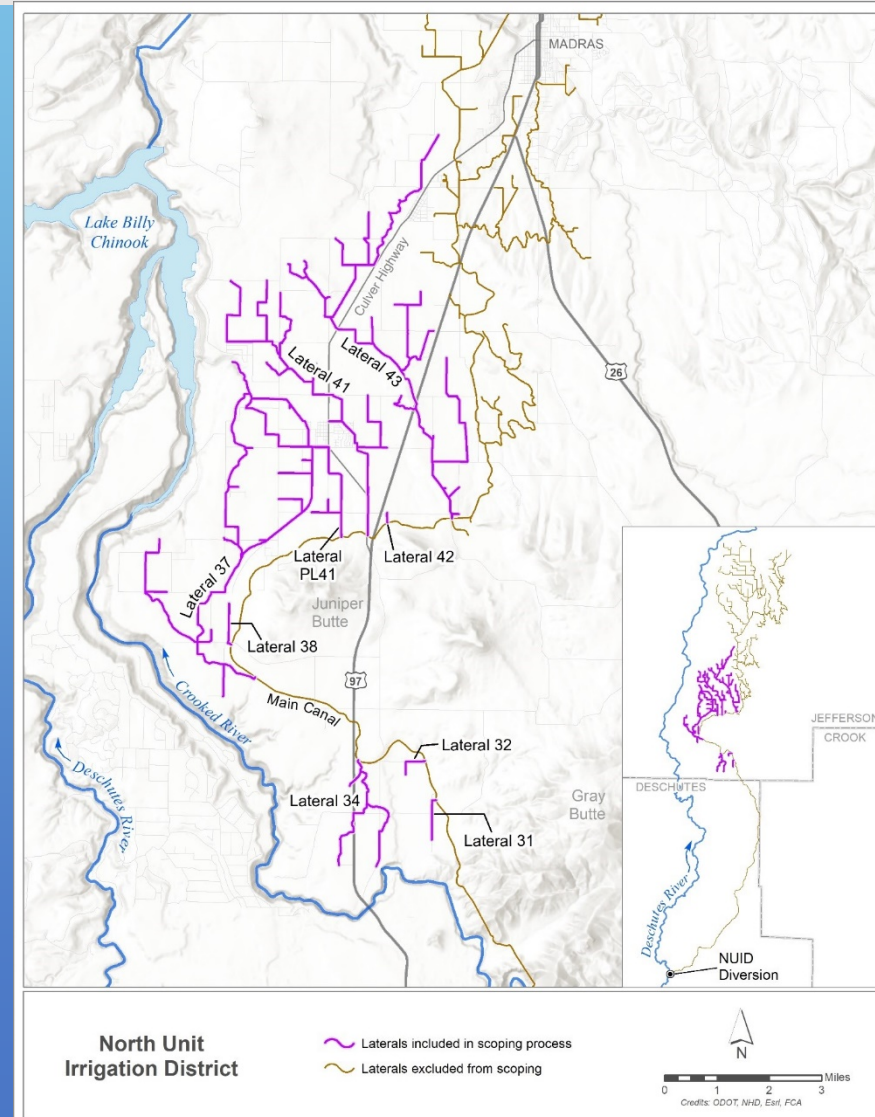
# North Unit Irrigation District Project Purpose and Need

- Water Loss in District Conveyance System
- Water Delivery and Operation Inefficiencies
- Address Environmental Issues
- Address Public Safety Concerns



# North Unit Irrigation District Proposed Project

- Pipe and pressurize high priority open laterals in the **southern half of the District**
- Upgrade **turnouts** for pressurized water deliveries
- Construct a **tailwater recovery system** through the usage of reuse or retention reservoirs





# North Unit Irrigation District Potential Project Opportunities

- **Save** water by reducing conveyance inefficiencies
- **Improve** irrigation water management and delivery reliability
- **Reduce** patron energy consumption and costs
- **Reduce** operations and maintenance costs
- **Minimize** risk of injury or drowning
- **Support** recent water management agreements in the upper Deschutes Basin
- **Enhance** water quality for agriculture and the environment

# Part 2: Breakout Session



# Example Comments

- **Proposed project actions**

*Will the construction affect my irrigation deliveries?*

- **Alternatives**

*What about using groundwater as an alternative to piping?*

- **Surrounding environment** (cultural, natural, and economic resources)

*I am concerned about wildlife in the area. Will you study the impacts of the project on wildlife?*



# Opportunity to Provide Comments

- Submit comments tonight
- Learn more at [oregonwatershedplans.org](http://oregonwatershedplans.org)
- Submit comments after this meeting

Email: [northunit.id.comments@gmail.com](mailto:northunit.id.comments@gmail.com)

Online: [oregonwatershedplans.org](http://oregonwatershedplans.org)

Phone: (541) 716-6085

Mail: Attn: North Unit Watershed Plan  
Farmers Conservation Alliance  
102 State St.  
Hood River, OR 97031



**Scoping Period Ends November 21, 2019**

Thank you for coming



Please bring your comments  
to the tables