



Santiam Water Control District Infrastructure Modernization Project

Public Scoping Meeting: May 31, 2023



Meeting Agenda

Part 1

Process
&
Project Overview

Part 2

Public Comment
Breakout Session

Part 1

Process & Project Overview



Watershed Protection and Flood Prevention Program (PL-566)

Managed and funded by
US Department of Agriculture
Natural Resources Conservation
Service (NRCS)

**To qualify, irrigation districts
must have**

- 1) match funding
- 2) authorized Final
Watershed Plan- Environmental
Assessment (Plan-EA)



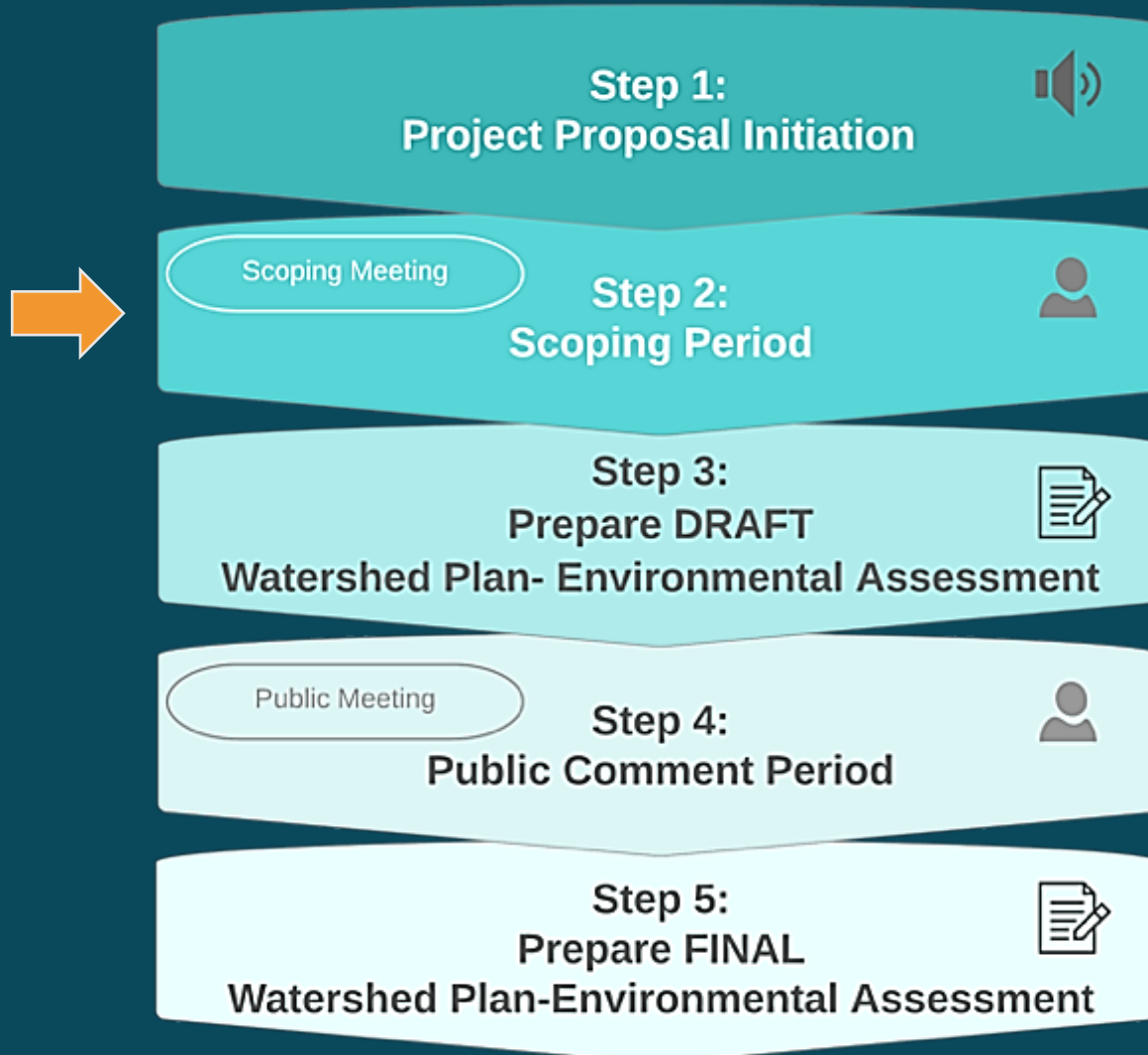
General PL-566 Requirements

- Must have a project **“SPONSOR”**
 - Public Sponsorship – at least one sponsor must be a City, County, State, Tribal Government entity, a soil or water conservation district, or a flood prevention or control district*
 - One sponsor must agree to be the financial agreement holder with NRCS (usually Tribal, City, County or State)*
- Project must fit at least **one** of the eight **authorized uses**
- **> 20%** of benefits are agricultural or for rural community
- No structure with
 - > 12,500 acre-feet of flood storage**
 - > 25,000 acre-feet of total capacity**
- Projects that need over **\$25 million** of federal construction funding require Congressional approval

NEPA and PR&Gs

- National Environmental Policy Act (NEPA)
 - Categorical Exclusions
 - Environmental Assessments
 - Environmental Impact Statements
- Principles Requirements and Guidelines for Water and Land Related Resources Implementation Studies (PR&Gs)

Watershed Planning Phase and Process



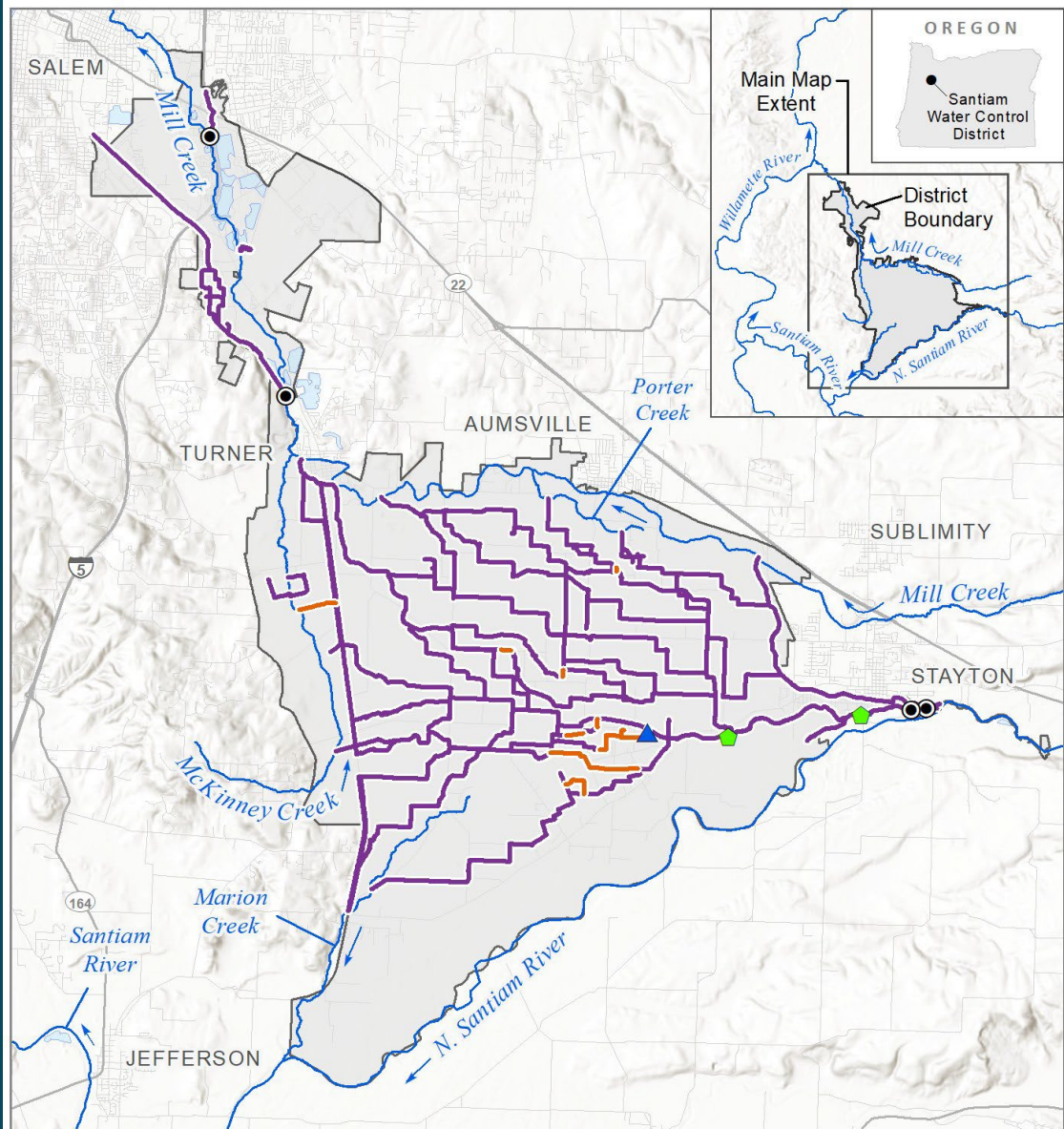
What a Plan-EA Includes

- Purpose & Need
- Proposed Action
- Alternatives
- Affected Resources:
Examples - Cultural, Fish and Aquatic, Vegetation, Water, Wildlife
- Economic Analysis



Santiam Water Control District Overview

- **~17,700** acres irrigated
- **450** patrons served
- Irrigation season **May-October**
- **~110-mile** system
 - **~106** miles open ditches
 - **~4** miles pipelines



Santiam Water Control District

- Diversion
- Hydropower Facility
- ▲ Pump
- Pipe
- Open Canal
- District Boundary



0 1 2 Miles

Sources: NHD, SWCD, ODOT, FCA, Esri
SWCD SD Existing System.mxd 3/9/2023

Project Purpose and Need

- **Reduce water loss**
- **Improve water delivery reliability**
- **Meet regulatory requirements**

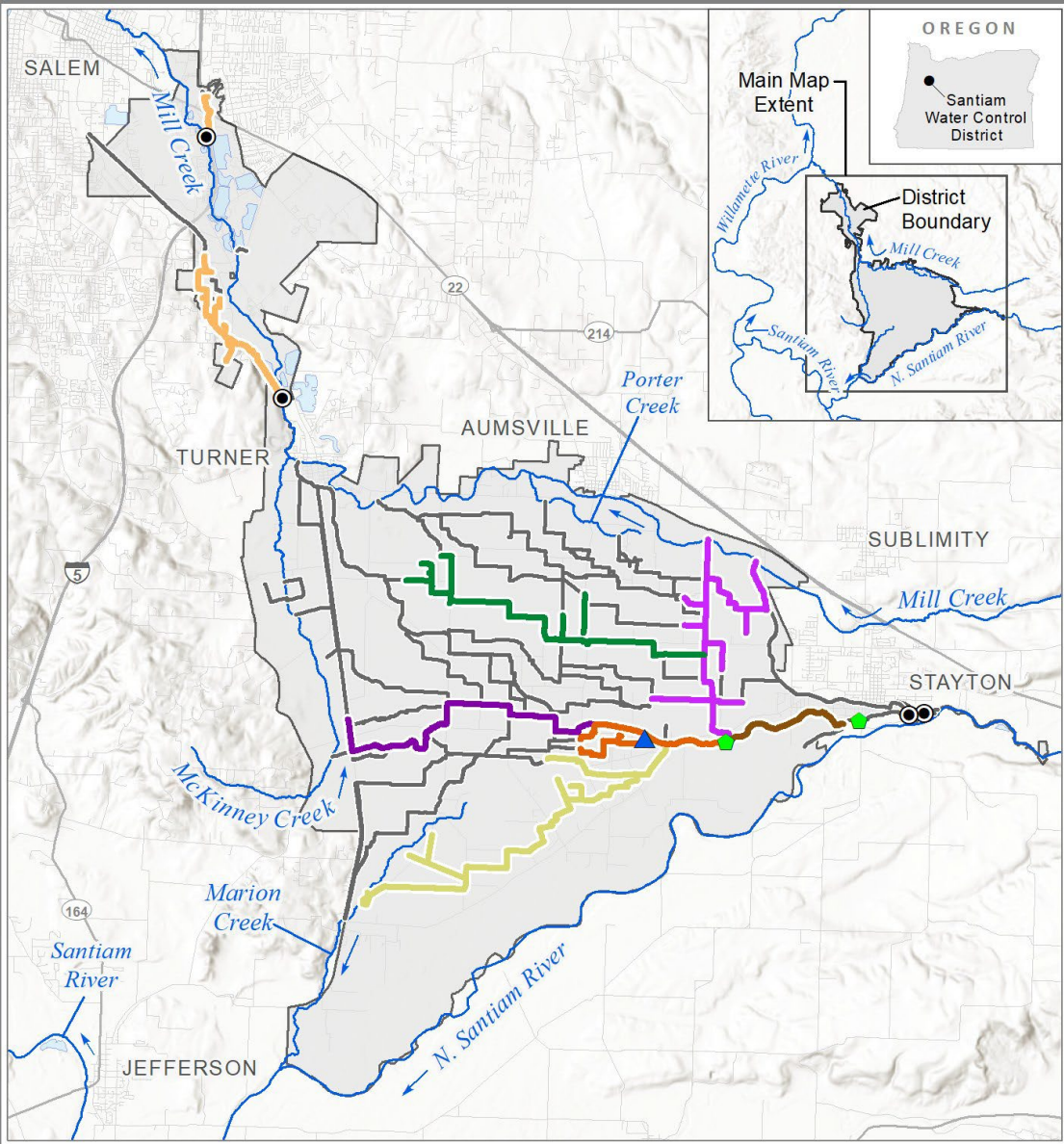
Improved management of stormwater / drainage water will help meet TMDLs for water quality
- **Improve operation efficiency**

Open ditches make it challenging to deliver water



Priority Modernization Areas

- **Pipe or line** open ditches
- **Realign infrastructure**
- **Upgrade existing pipeline**



<p>Santiam Water Control District</p>	Diversion	Coates and Meadowlawn
	Hydropower Facility	Gilbert
Pump	Collier A, B, C	
District Boundary	Upper Main	
Existing Infrastructure Outside Project Group	Mid Main	
	Lower Main	
	Marion A, B	

Miles
0 1 2

Sources: NHD, SWCD, ODOT, FCA, Esri
SWCD SD Priority Projects.mxd 3/20/2023

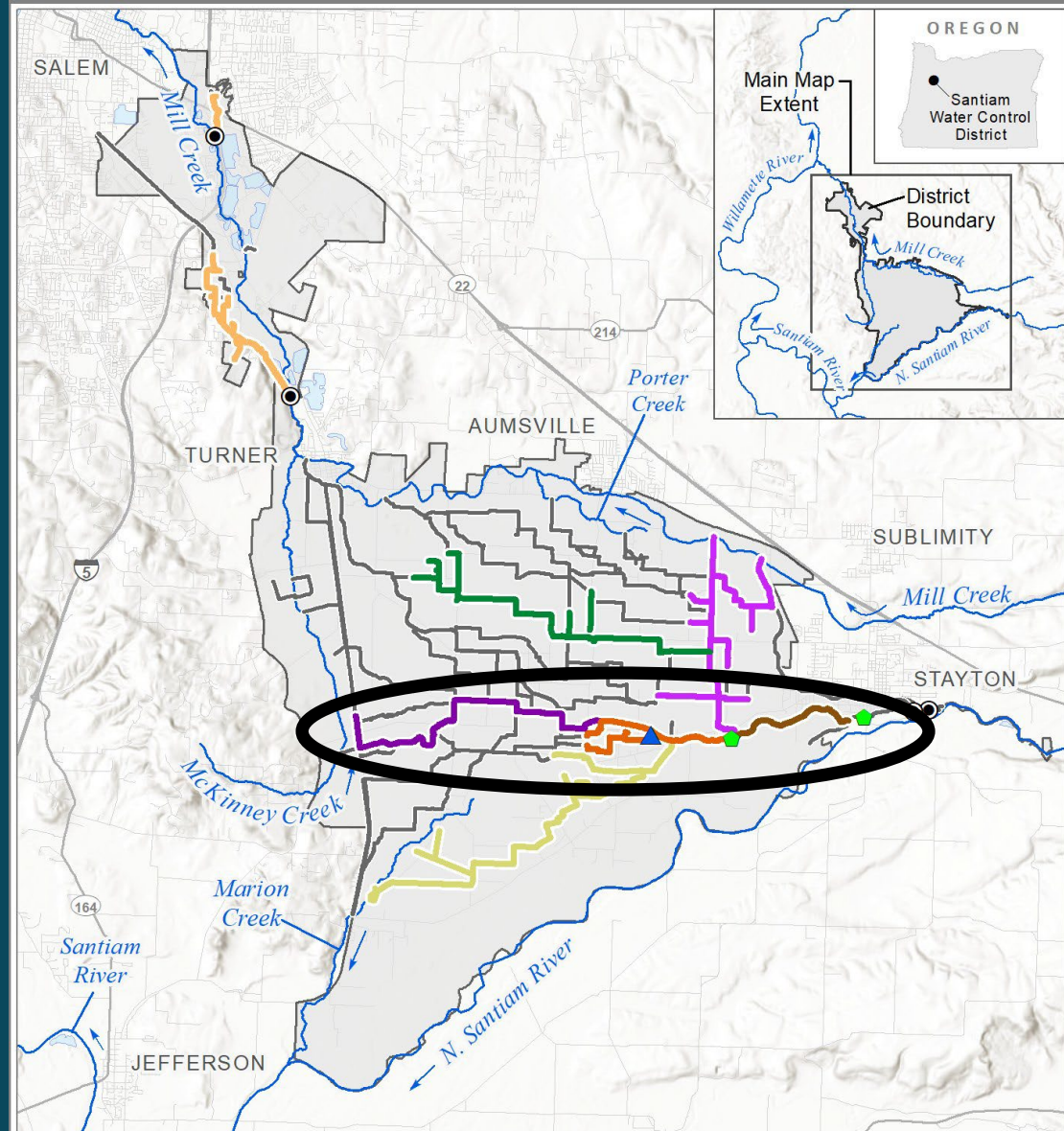
This map compiled by FCA as a visualization tool and not intended for legal purposes. FCA is not liable for damages caused by omissions or errors in data displayed herein.

Priority Modernization Areas

Main Canal

- Pipe or Line Main Canal sections + Update existing pipelines

- Upper Main (brown)
- Middle Main (orange)
- Lower Main (purple)



Santiam Water Control District

- Diversion
- ◆ Hydropower Facility
- ▲ Pump
- District Boundary
- ~ Existing Infrastructure Outside Project Group
- ~ Coates and Meadowlawn
- ~ Gilbert
- ~ Collier A, B, C
- ~ Upper Main
- ~ Mid Main
- ~ Lower Main
- ~ Marion A, B



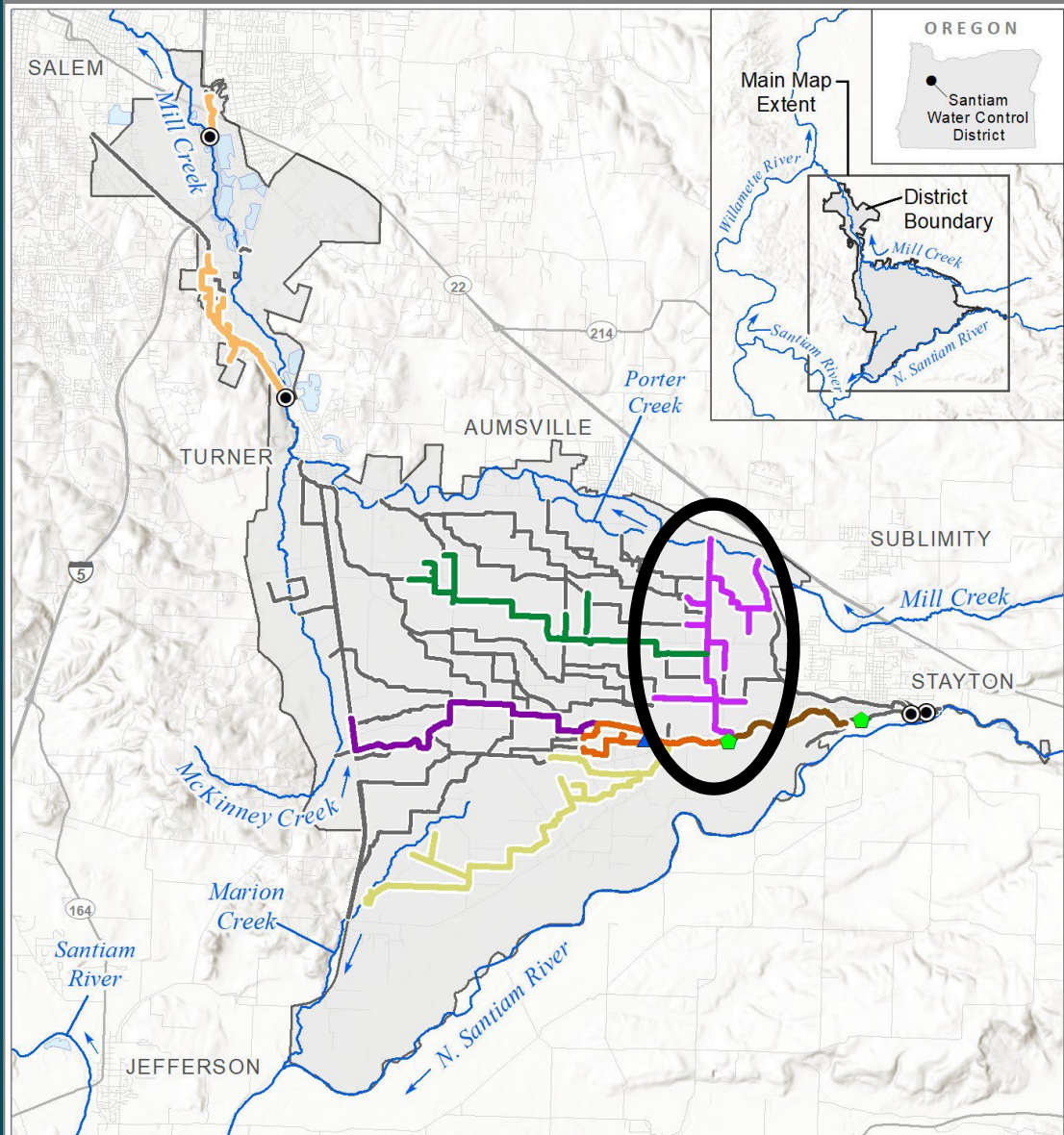
0 1 2 Miles

Sources: NHD, SWCD, ODOT, FCA, Esri
SWCD SD Priority Projects.mxd 3/20/2023

Priority Modernization Areas

Collier-Mill Creek

- Pipe or line open canals
- Realign infrastructure



**Santiam
Water Control
District**

- Diversion
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- ▲ Pump
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- ~ Gilbert
- ~ Collier A, B, C
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- ~ Mid Main
- ~ Lower Main
- ~ Marion A, B



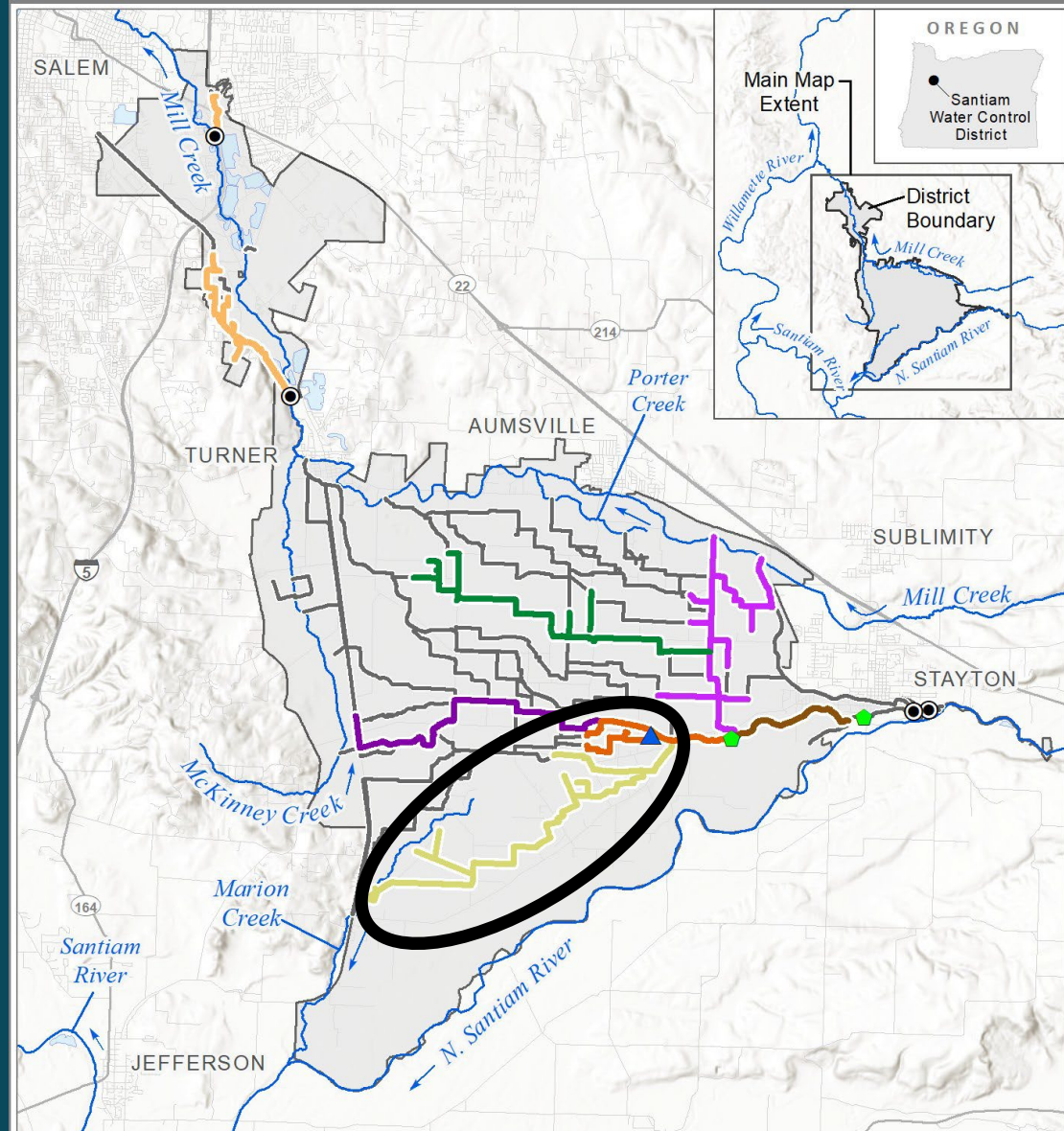
0 1 2 Miles

Sources: NHD, SWCD, ODOT, FCA, Esri
SWCD SD Priority Projects.mxd 3/20/2023

Priority Modernization Areas

Marion Group

- **Pipe or line** open canals
- **Upgrade existing pipeline**



Santiam Water Control District

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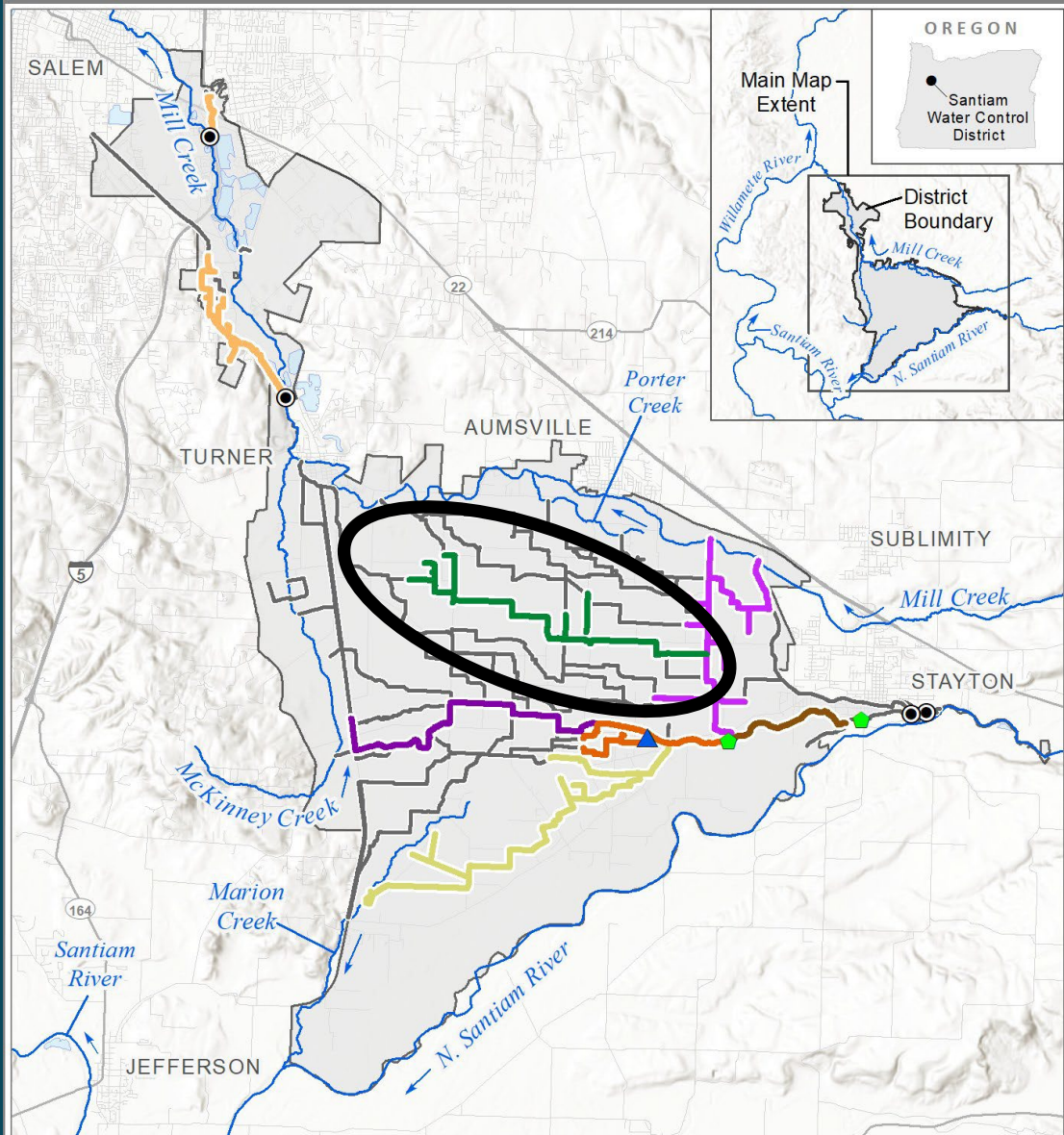
0 1 2 Miles

Sources: NHD, SWCD, ODOT, FCA, Esri
SWCD SD Priority Projects.mxd 3/20/2023

Priority Modernization Areas

Gilbert Group

- **Pipe or line** open canals
- **Realign infrastructure**



Santiam Water Control District

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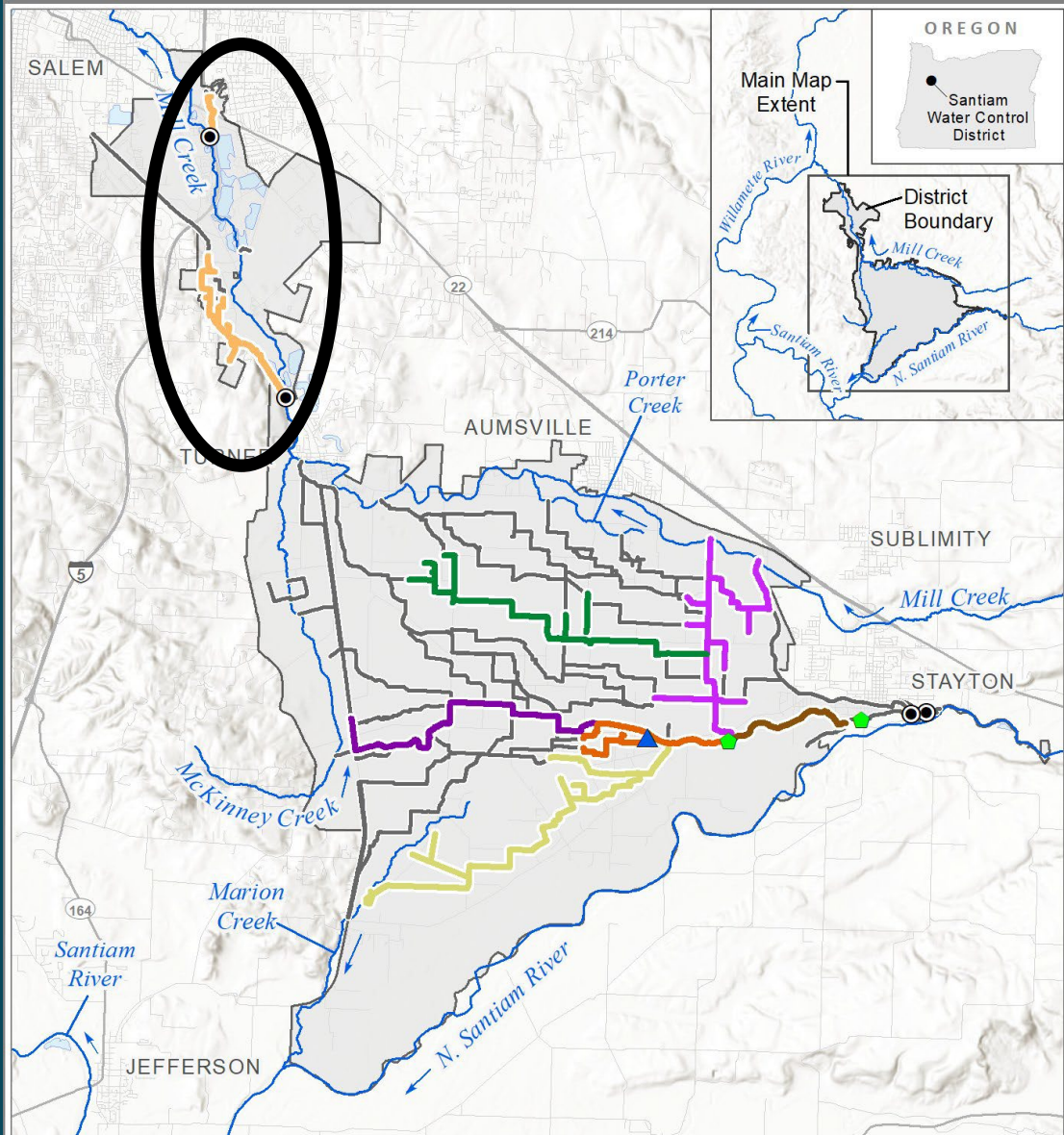
0 1 2 Miles

Sources: NHD, SWCD, ODOT, FCA, Esri
SWCD SD Priority Projects.mxd 3/20/2023

Priority Modernization Areas

Coates and Meadowlawn

- **Pipe or line** open canals
- **Decommission infrastructure**



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0 1 2 Miles

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Project Resource Effects to be Analyzed

- Geology and soils
- Cultural resources
- Vegetation
- Fish and aquatic species
- Wildlife
- Surface water
- Groundwater
- Wetlands, Riparian Areas, Floodplains
- Land use and recreation
- Environmental Justice
- Socioeconomic Resources
- Ecosystem Services
- Economic Benefits and Costs

Potential benefits of SWCD's Infrastructure Modernization Project

- **Improve** irrigation water management and delivery reliability
- **Improve** management of stormwater and drainage water
- **Improve** water quality and aquatic habitat
- **Save** water
- **Reduce** operations and maintenance costs
- **Reduce** patron energy consumption and costs

Part 2

Public Comment 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?

Opportunities to Submit Comments

- Submit comments tonight
- Online: oregonwatershedplans.org
- Email: santiam.wcd.comments@gmail.com
- Phone: (541) 716-6085
- Mail: Attn: Santiam Watershed Plan
Farmers Conservation Alliance
102 State St.
Hood River, OR 97031

Scoping Period Ends June 22, 2023

Thank you for coming



Please bring your comments
to the tables