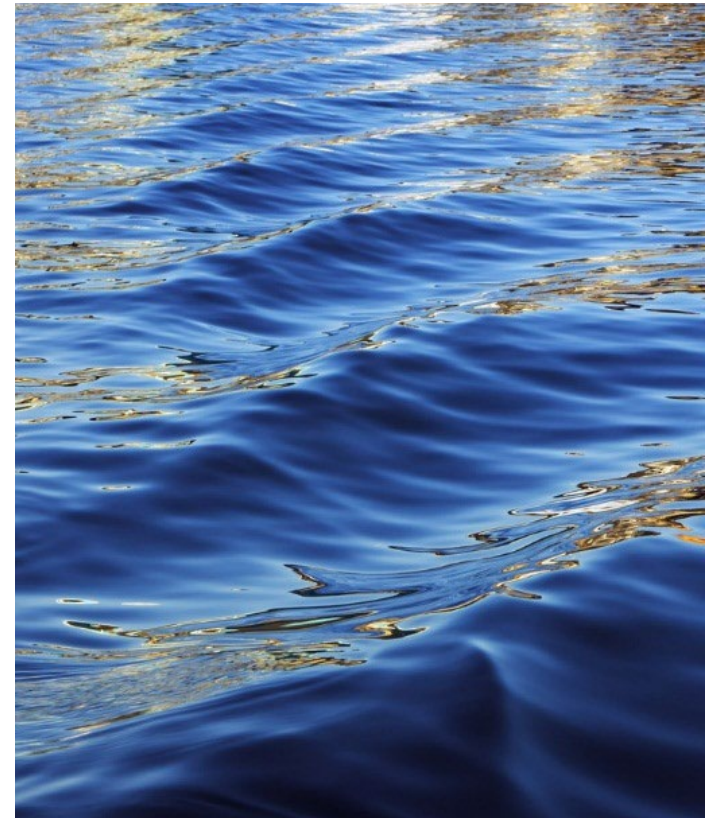


How Cities, Counties, and Special Districts Can Work Together: The Deschutes Basin example

October 6, 2022 League of Oregon Cities
Bend, Oregon





Panelists

Scott Aycock, CED Director, COIC – Moderator

Kate Fitzpatrick, Executive Director, Deschutes River Conservancy

Steve Johnson, District Manager, Arnold Irrigation District (DBWC Co-Chair)

Joshua Wedding, Water Utilities Manager, City of Redmond

Commissioner Phil Chang, Deschutes County (DBWC Co-Chair)



General “Flow”

- Background of collaboration in the Deschutes Basin
The Deschutes Basin Water Collaborative – www.coic.org/dbwc
- Collaboration – agriculture and urbanization
- Community water needs and challenges
- Land Use/unincorporated areas and wrap-up

Q&A (at end – but we will take clarifying questions throughout)

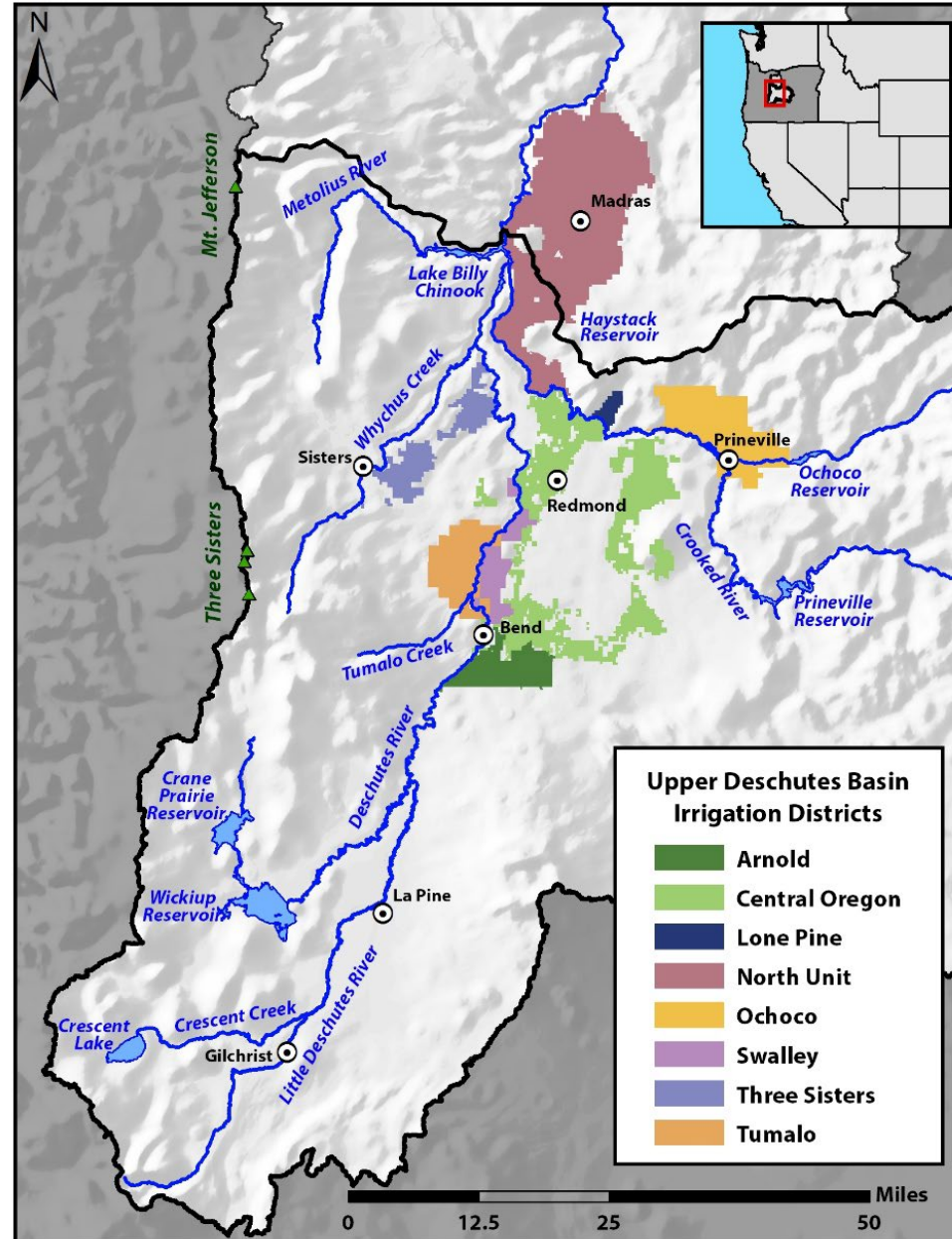


Deschutes River
Headwaters:
Little Lava Lake

Source:
Underground springs
and snowmelt

Major Tributaries:
Crooked River
Whychus Creek
Metolius River
Tumalo Creek
Bridge Creek

Upper Deschutes Basin



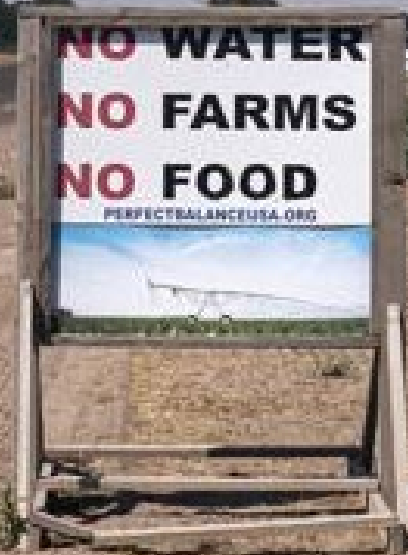


Why Collaborate?



Instream Flow Needs...

Unreliable water in junior irrigation districts...



Growing Communities

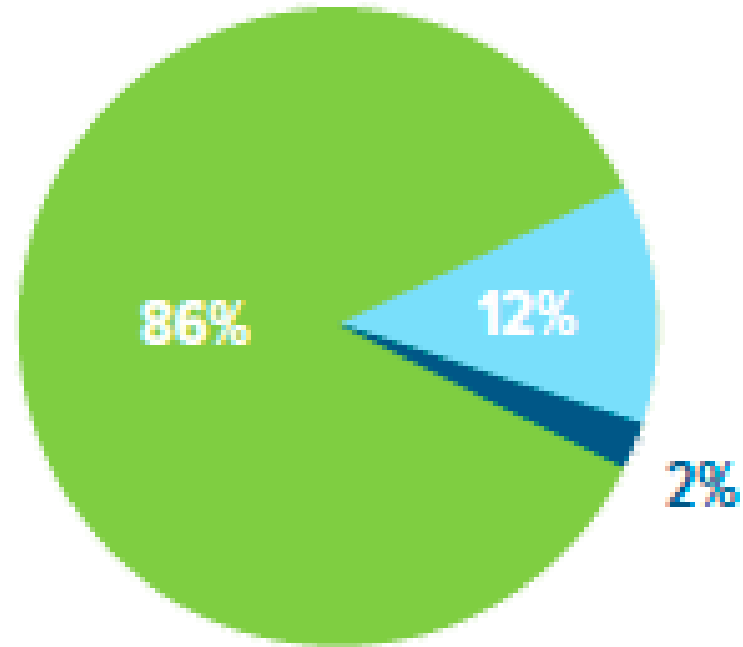
An aerial photograph of a town, likely in the Pacific Northwest, showing a mix of residential and commercial buildings, a large river, and a bridge. The town is surrounded by greenery and mountains in the background under a blue sky with scattered clouds.

New groundwater
pumping requires
mitigation under
the Deschutes
Groundwater
Mitigation Program

Drought

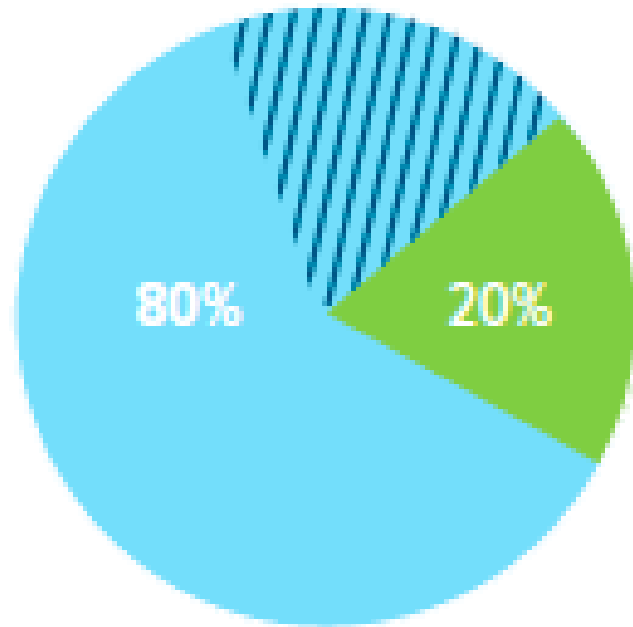


Current Water Rights Distribution



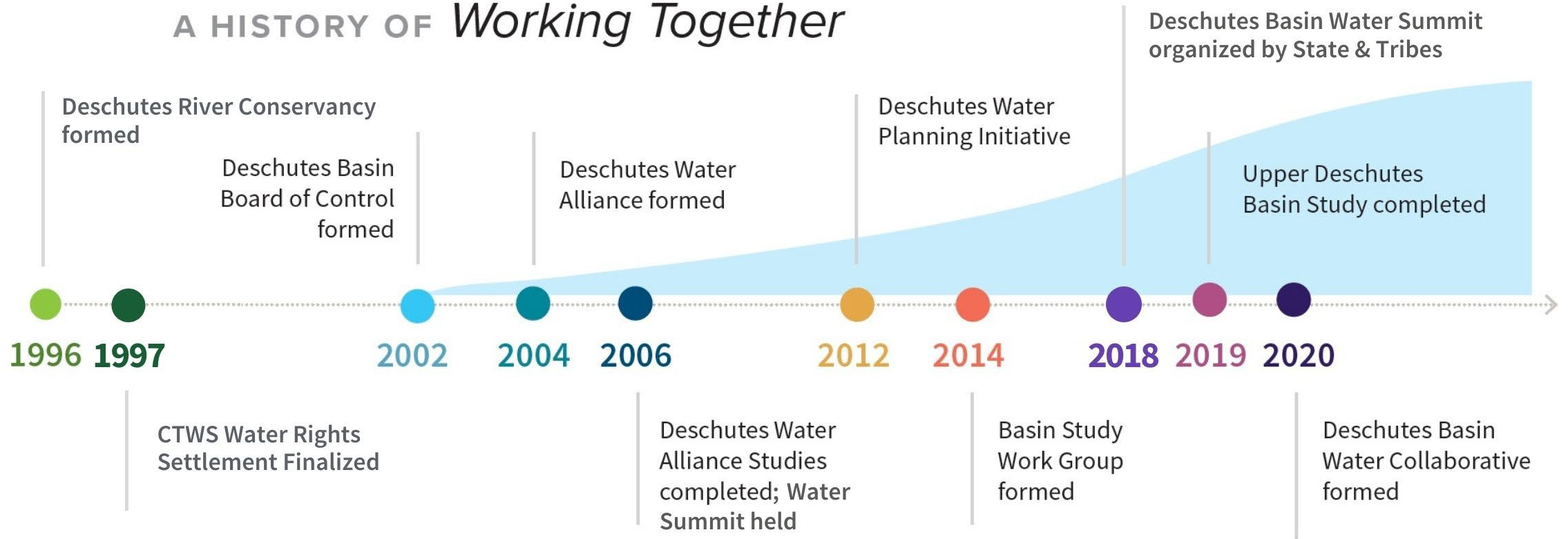
-  Agricultural
-  Instream
-  Municipal

Projected Unmet Needs in Average Year



-  Agricultural
-  Instream
-  Municipal*

A HISTORY OF *Working Together*





Accomplishments

- Water supply generated for cities through water rights transfers
 - 6,200 acre-feet permanent credits
 - 1,350 acre-feet temporary credits
 - Increasing streamflow ~75 cubic feet per second
- ~100 miles of irrigation canals piped, improved water supplies & infrastructure
 - ~100 miles of irrigation canals piped, improved water supplies & infrastructure
- 300 cubic feet per second restored to basin streams
- >\$200M public investment in basin water
- Community cohesion & resilience



Deschutes Basin

WATER COLLABORATIVE

Water for Rivers, Agriculture and Communities

More than 40 member organizations

Deschutes Basin Water Collaborative Members

Oregon Governor's Office
Oregon Dept. of Agriculture
Oregon Dept. of Environmental Quality
Oregon Dept. of Fish & Wildlife
Oregon Water Resources Dept.
US Fish & Wildlife Service
US Forest Service
Oregon Environmental Council
Arnold Irrigation District
Central Oregon Irrigation District
Lone Pine Irrigation District

North Unit Irrigation District
Deschutes Soil & Water Conservation District
Central Oregon Intergovernmental Council
Confederated Tribes of Warm Springs
League of Women Voters – Deschutes County
Central Oregon Cities Organization
Avion Water Company
Ochoco Irrigation District
Water for Life
City of Bend
City of La Pine
City of Prineville
City of Redmond
Crook County
Jefferson County
Central Oregon LandWatch
Central Oregon Informed Angler

Crooked River Watershed Council
Deschutes River Conservancy
Great Old Broads for Wilderness
Oregon Natural Desert Association; Sunriver Anglers
Trout Unlimited – Deschutes Redband Chapter
Trout Unlimited (State Office)
Upper Deschutes Watershed Council
WaterWatch of Oregon
Portland General Electric
Coalition for the Deschutes



Deschutes Basin

WATER COLLABORATIVE

Water for Rivers, Agriculture and Communities

DWBC Priority Actions



**Accelerate
Implementation**



**Develop a
Comprehensive
Water Management Plan**



**Leverage
Funding**



**Support Policies that
Advance DBWC Goals and
Consensus Agreements**



Moving Forward:
*Expand forum to address
issues in other river
reaches and tributaries*



Land Use Considerations

One jurisdiction's land use affects another's water

- Water Quality
- Flooding
- Groundwater or Streamflow Declines
- Agricultural Land Conversion and Water Rights



Collaboration and Coordination

Potential for conflict – Need for convening

- OWRD Place Based Water Planning Pilots
- AOC County Solutions Program
- Other models – earlier examples
 - Hood River basin
 - Deschutes basin



Q and A



Thank You

Scott Aycock, COIC – scotta@coic.org

Kate Fitzpatrick, DRC - kate@deschutesriver.org

Steve Johnson, AID - stevejohnson@arnoldirrigationdistrict.com

Joshua Wedding, COR - joshua.wedding@redmondoregon.gov

Commissioner Phil Chang - phil.chang@deschutes.org