

WRIA 7 Watershed Restoration and Enhancement Committee

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Streamflow Restoration Planner-WRIA 7

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Overview

1

Background

Quick re-cap on the Streamflow Restoration Law

2

WRIA 7 WREC

Committee formation, Committee members, and overlap with salmon recovery roles

3

WREC Deliverables

Requirements for Watershed Restoration and Enhancement Plan (Plan)

4

WREC Timeline and Plan Approval

Work accomplished to date, draft Committee calendar, Plan approval process

5

Opportunities for Coordination

Formation of technical workgroup for WRIA 7 WREC, technical work, and technical support



Background



Background of Streamflow Restoration Law

- *Hirst, Futurewise, et al v. Whatcom County (2016)*
- *ESSB 6091*
- *RCW 90.94*

RCW 90.94 Key Components

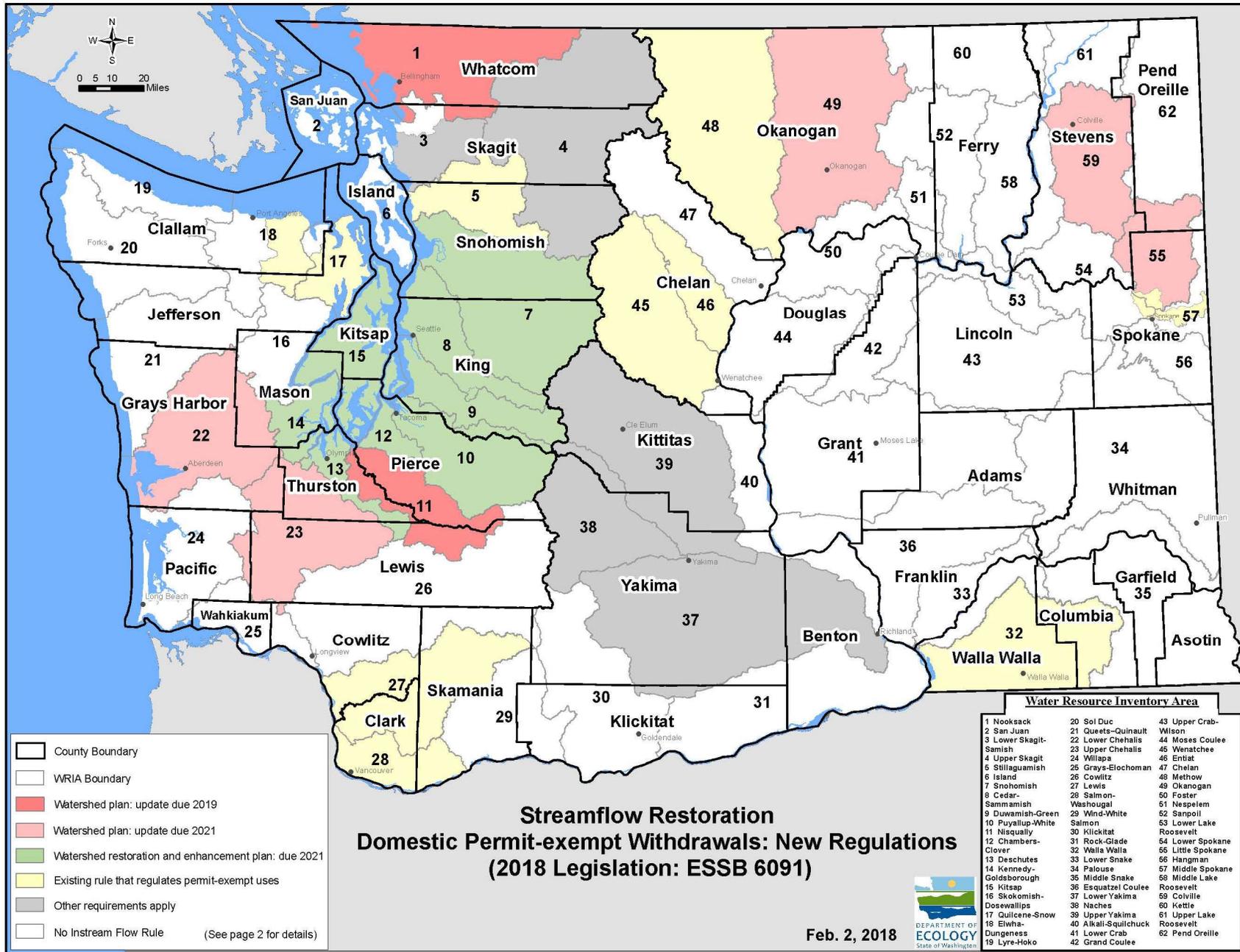
- Homebuilding
- Established Streamflow Restoration Grants Program

Planning Requirements

- Watershed Plan Updates
- Watershed Restoration and Enhancement Committees



Watersheds Affected by RCW 90.94



WRIA 7 Watershed Restoration and Enhancement Committee

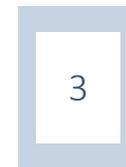
- Ecology convened Committees according to RCW 90.94
- WRIA 7 WREC Members
 - Invited
 - Nominated, Ranked, and Invited
 - Added by Committee



WREC Deliverables

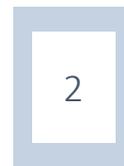
Required by RCW 90.94.030

Projects and actions to offset estimated consumptive use and meet NEB



Offset estimated consumptive use and prioritize projects

Time and place impact assessment



Subbasin delineations; consumptive use by subbasin

20 year consumptive use estimate

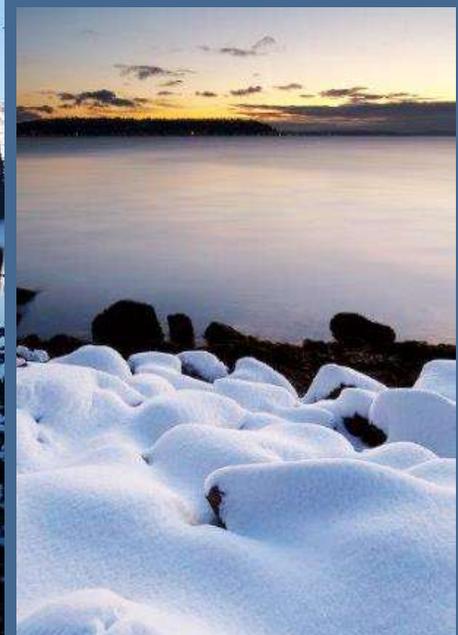
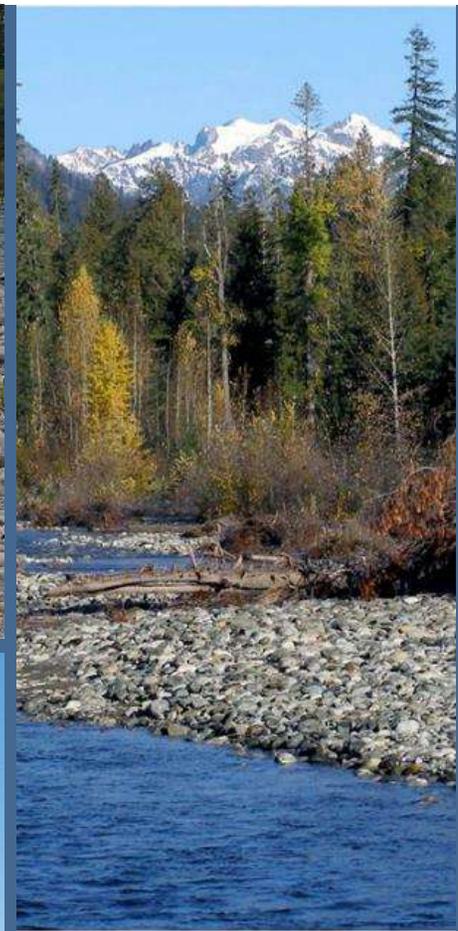


Population estimate and consumptive use estimate



Optional Plan Components

- Modify fee or reduce water use quantity allowance
- Estimate consumptive use beyond 2038
- Apply advanced modeling techniques when identifying time and place
- Set goals beyond the minimum
- Implement additional conservation requirements for new water users
- And more...



Project Examples

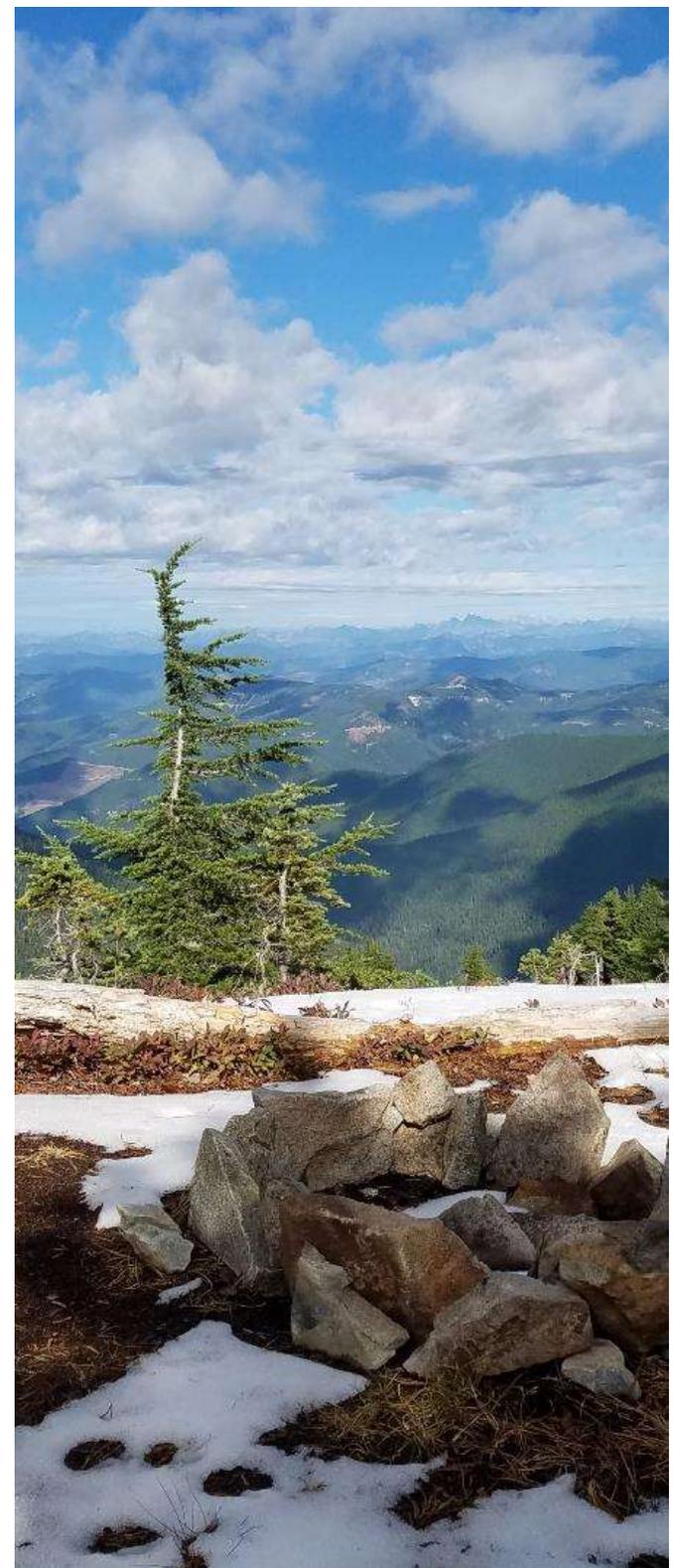
Projects must be prioritized

Water Offset Projects

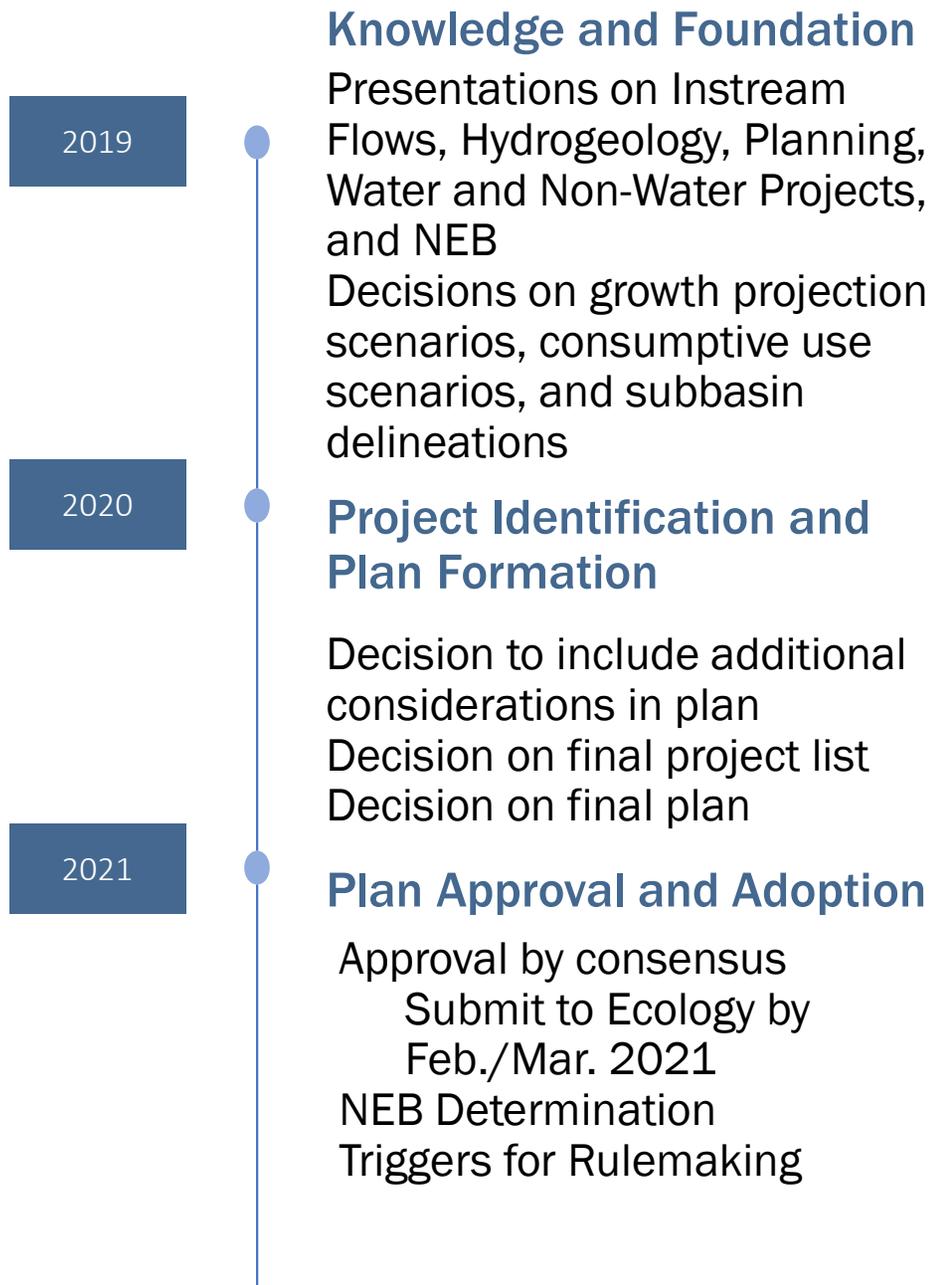
- Water right acquisition
- Off-channel storage
- Shallow aquifer recharge (SAR)
- Floodplain restoration/levee removal
- Streambed elevation restoration/alluvium aggradation
- Streamflow augmentation

Non-Water Offset Projects

- Strategic land acquisition
- Streambank stabilization/riparian restoration
- Water quality improvements
- Channel habitat improvements

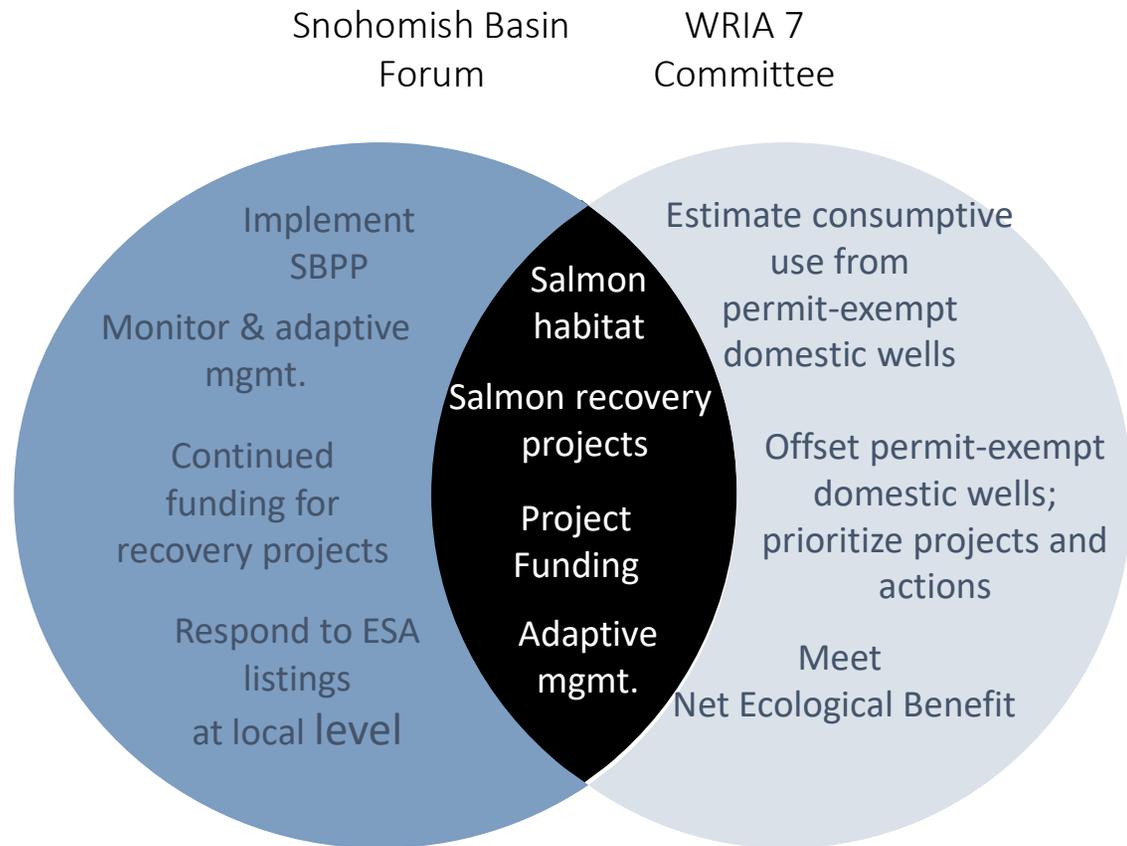


WREC Timeline and Plan Approval



Opportunities for Coordination

- Mission Overlap
- Goals Overlap
- Interest



Membership Overlap with Snohomish Forum

Organization	Snohomish Forum Member	WRIA 7 WREC Member
City of Carnation	Tim Woolet	Tim Woolet
City of Duvall	Lara Thomas	Michael Remmington, Councilmember
City of Goldbar	Vacant	William Clem, Mayor
City of Everett	Jim Miller for Mayor Cassie Franklin	Jim Miller, Engineering Superintendent
City of Marysville	Cheryl Dungan for Mayor Jon Nehring	Mathew Eyer, Storm/Sewer Supervisor
City of Monroe	Anita Marrero	Ben Swanson, Community Development Dir.
City of North Bend	Jamie Burrell	Jamie Burrell, Senior Planner
City of Seattle	Councilmember Mike O'Brien	Paul Faulds, Water Resources Mgr.*
Seattle City Light	Kate Engel	Elizabeth Ablow, Strategic Advisor*
City of Snohomish	Denise Johns	Glen Pickus, Planning Director
City of Snoqualmie	Mayor Matt Larson	Steve Nelson, RH2
Town of Index	Vacant	Kim Peterson
King County	Joan Lee	Janne Kaje, Regional Partnerships Unit Sup.
Snohomish County	Darcy Cheesman for Councilmember Sam Low	Darcy Cheesman for Councilmember Sam
Snohomish PUD	Keith Binkley	Brant Wood, AGM Water Utility
Tulalip Tribes	Terry Williams	Daryl Williams, Natural Resources Liaison
WA Dept. of Fish & Wildlife	Kirk Lakey	Kirk Lakey, Asst. Regional Habitat Program Mgr.
WA Dept. of Ecology	Heather Khan	Ingria Jones, Streamflow Restoration Planner
Snohomish Conservation District	Monte Marti	Bobbi Lindemulder, District Operations Program Mgr.
Master Builders Assoc.	Mike Pattison	Mike Pattison, Snohomish County Mgr.
Snoqualmie Watershed Forum	Henry Sladek	Perry Falcone, Project Coordinator*

*Ex Officio (non-voting) member



Membership Overlap with Tech. and Policy Committees

Organization	Snohomish Tech Committee Member	WRIA 7 WREC Member
City of Everett	Paul Crane	Jim Miller, Engineering Superintendent
City of Seattle	Vacant	Paul Faulds, Water Resources Mgr.*
Seattle City Light	Denise Krownbell	Elizabeth Ablow, Strategic Advosor*
Snohomish County	Mike Rustay	Terri Strandberg, Principal Planner
King County	Beth leDoux	Janne Kaje, Regional Parterships Unit Sup.
Snohomish PUD	Andrew McDonnell	Brant Wood, AGM Water Utility
Tulalip Tribes	Colin Wahl	Daryl Williams, Natural Resources Liaison
WA Dept. of Fish & Wildlife	Kirk Lakey	Kirk Lakey, Asst. Regional Habitat Program Mgr.
WA Dept. of Ecology	Heather Khan	Ingria Jones, Streamflow Restoration Planner
Snohomish Conservation District	Carson Moscoso	Bobbi Lindemulder, District Operations Program Mgr.
Master Builders Assoc.	Mike Pattison	Mike Pattison, Snohomish County Mgr.
Snoqualmie Watershed Forum	Elissa Ostergaard	Perry Falcone, Project Coordinator*
Snoqualmie Tribe	Matt Baerwalde	Matt Baerwalde, Water Quality Manager
*Ex Officio (non-voting) member		

Organization	Snohomish Policy Committee Member	WRIA 7 WREC Member
City of Everett	Jim Miller	Jim Miller, Engineering Superintendent
Seattle City Light	Kate Engle	Elizabeth Ablow, Strategic Advosor*
Snohomish County SWM	Darcy Cheesman	Terri Strandberg, Principal Planner
King County	Beth leDoux	Janne Kaje, Regional Parterships Unit Sup.
Snohomish PUD	Keith Binkley	Brant Wood, AGM Water Utility
Tulalip Tribes	Terry Williams	Daryl Williams, Natural Resources Liaison
WA Dept. of Fish & Wildlife	Kirk Lakey	Kirk Lakey, Asst. Regional Habitat Program Mgr.
Master Builders Assoc.	Mike Pattison	Mike Pattison, Snohomish County Mgr.
Snoqualmie Watershed Forum	Elissa Ostergaard	Perry Falcone, Project Coordinator*
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Potential Areas for Coordination

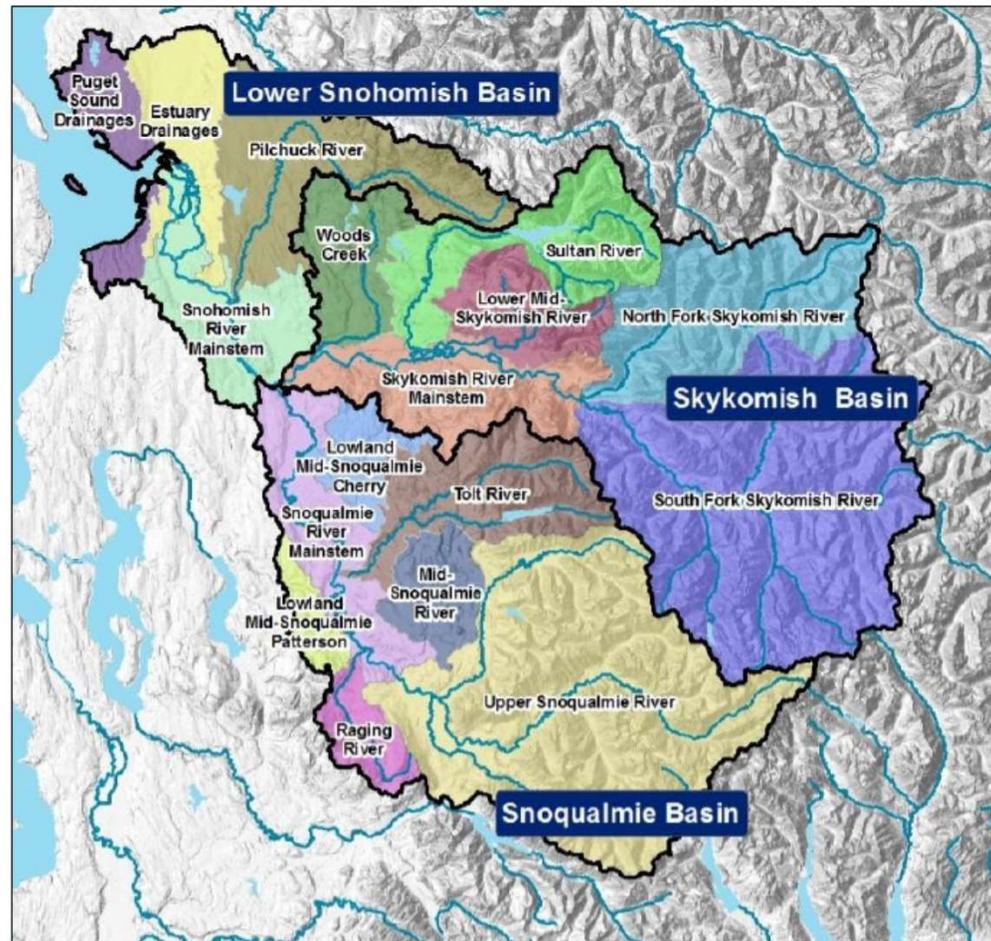


Figure 15. Water Resources Inventory Area (WRIA) 7, the three major basins, and planning units used in the assessment.

- Initial subbasin delineations
- Population projections
- Consumptive use estimates
- Project and action identification
- Final subbasin delineations
- Project selection
- Adaptive management and monitoring



WRIA 7 Technical Workgroup Formation

- Establish WRIA 7 Technical Workgroup in March
- Technical Support
 - Ecology technical staff
 - Technical consulting assistance



Source: <https://pixabay.com/photos/owl-computer-headphones-funny-947734/>



Recommendations for Coordination

- Review and provide input on select Plan elements/work products
 - Subbasin Delineations
 - Project Identification
 - Project Selection
 - Other studies or memos from consultants or technical workgroup

- Assist in preparation of select Plan elements
 - Identification of existing information and information needs
 - Project Identification
 - Project Selection

- Snohomish Forum Technical Committee
 - **Membership on WRIA 7 Technical Workgroup**
 - **Periodic Updates**
 - Establish project-specific Workgroup
 - Coordination through Snoqualmie Watershed Forum
 - Other configurations



Draft Timeline for Coordination

2019

**Data Needs, Subbasin Delineations,
and Project Identification**

Data and Initial Subbasins: 1st Quarter
Project Identification: 3rd & 4th Quarters

2020

**Project List Selection and
Final Subbasin Delineations**

Project List: 1st Quarter
Final Subbasins: 1st Quarter

2021

Adaptive Management

TBD





Timing is critical.

Thank you for your time!

Any questions?

ecology.wa.gov



Supplemental slides

Key State Supreme Court Decisions

Postema v.
Pollution Control
Hearings Board
(2000)

Swinomish v.
Ecology (2013)

Foster v. Ecology
(2015)



Other Elements of RCW 90.94

Foster Task Force

Metering Pilot
Program

