



Meeting Notes

Snohomish WREC (WRIA 7) Technical Workgroup meeting

July 11, 2019 | 2:10 p.m. - 3:30 p.m.

Location

WebEx

Committee Chair

Ingria Jones (WRIA 7)
ingria.jones@ecy.wa.gov

Handouts

Agenda
Preliminary Consumptive Use
Work Plan

Committee Representatives and Alternates in Attendance*

Name	Representing
Ann Savery (phone)	Tulalip Tribes
Darryl Williams	Tulalip Tribes
David Hartley (phone)	Snoqualmie Indian Tribe
Emily Dick	Washington Water Trust
Will Stelle	Washington Water Trust
Eric Ferguson	King County
Janne Kaje	King County
Eric Ferguson	King County
Julie Lewis	Snoqualmie Indian Tribe
Kirk Lakey	Dept. of Fish and Wildlife
Matt Baerwalde	Snoqualmie Indian Tribe
Mike Wolanek	City of Arlington
Morgan Ruff	Snohomish Basin Salmon Recovery Forum (ex officio)
Beth LeDoux	Snoqualmie Watershed Forum (ex officio)
Liz Ablow	City of Seattle (ex officio)
Souheil Nasr	City of Everett
Terri Strandberg	Snohomish County
Keith Binkley	Snohomish PUD
Brant Wood	Snohomish PUD
Cynthia Krass (phone)	Snoqualmie Valley WID
Ingria Jones	WA Department of Ecology

Other Attendees

Name	Affiliation
Stephanie Potts	WA Department of Ecology
Susan O'Neil (facilitator)	ESA
John Covert	WA Department of Ecology
Bridget August	GeoEngineers (technical consultant)
Cynthia Carlstad	NHC (technical consultant sub)

*Attendees list is based on sign-in sheet

Growth Projections

The workgroup continued discussing Snohomish County and King County's draft growth projections.

Considerations and Discussion

- The workgroup discussed King County’s map showing past building permits and patterns of past growth that can inform subbasin delineations and groupings. Having King County’s developable lands analysis will also help to understand potential growth in sub-watersheds.
- Additional subbasin considerations in the North, Middle, and South Fork Snoqualmie River include hydrogeology similarity and connectivity, and stream temperature.
- The workgroup discussed a cluster of wells identified on King County’s building permit map inside the UGA and in the Shoreline area.

Consumptive Use Work Plan

Cynthia Carlstad introduced the Preliminary Consumptive Use Work Plan that the technical consultants developed.

Resources: Preliminary Consumptive Use Work Plan

Considerations and Discussion

- For WRIA 7, 8 and 9, GeoEngineers will estimate outdoor water use based on a WRIA specific analysis of average outdoor watering area (lawn size) by subbasin or groups of subbasins. Other 90.94 planning groups ahead in the process have done a similar analysis.
- The Committee can choose to look at additional consumptive use scenarios, such as an assumption that all new homes will withdrawal the maximum allowed from a domestic permit-exempt well (950 gpd annual average) or an assumption that all new homes will water the maximum lawn size (1/2 acre). The Committee can choose to offset the estimated consumptive use from a “high water use” scenario, but will need to consider the availability of projects.
- The workgroup discussed [Snohomish PUD water use data](#).
- The workgroup discussed areas in the watershed where homes are served water from one sub-watershed and recharged through septic systems to another sub-watershed.

Project Discussions

Ingria recommended that the workgroup begin project discussions while continuing to finalize growth projections, develop subbasin delineations, and begin consumptive use estimates. Susan asked the workgroup to share ideas about how to begin project identification and discussions.

Considerations and Discussion

- Tulalip Tribes said that some workgroup and Committee members have been discussing opportunities in the watershed to go beyond the minimum requirements of the WRE Plan, such as offsetting other permit exempt uses and understanding current and future needs for agricultural and municipal water supply. They discussed keeping planning scope narrow during the WRE Planning process to complete a plan, then continuing to meet afterwards.
- The technical workgroup generally agreed that forming a small project workgroup would help make progress on project discussions. Ingria noted that it will be important to clarify how a project workgroup would shared information with the Technical Workgroup and Committee, balancing transparency and efficiency.
- The workgroup discussed existing project lists in the watershed. WWT has started developing a searchable database that includes several existing project lists. There may be areas where permit exempt wells are projected to be that are not covered by existing project lists.
- Snoqualmie Valley Watershed Improvement District (SVWID) was awarded streamflow restoration project grants during the first grant round to identify storage opportunities that benefit instream flows. They are interested in working with a small project workgroup on this.

Next Steps and Action Items

- Next Technical Workgroup Meeting—TBD
- Next Committee Meeting: Thursday, August 8. Site visits in the morning, followed by meeting from 1:00-3:30 at Brightwater Facility, Woodinville.
- Send Ingria any existing water rights assessments that could inform a basin-wide assessment e.g. some cities may have completed assessments to identify mitigation water.
- Emily Dick will share information about existing project lists that WWT has compiled and will compile additional information that workgroup members send to WWT.
- GeoEngineers confirm appropriate data sources for consumptive use estimates and lawn size analysis.