



AUGUST 2019 MEETING SUMMARY

Cedar-Sammamish (WRIA 8) Watershed Restoration and Enhancement Committee

August 22, 2019 | 9:30 a.m. - 1:00 p.m. | [Committee website](#)

Location

Community Room,
Brightwater Center,
22505 WA-9, Woodinville

Committee Chair

Stephanie Potts
Stephanie.Potts@ecy.wa.gov
425-649-7138

Next Meeting

Thursday, September 26
9:30 a.m. – 12:30 p.m.
WA Dept. of Ecology
Northwest Regional Office, 1AB
3190 160th Ave SE, Bellevue

Attendance

Committee Representatives and Alternates*

John McClellan, *Alderwood Water & Wastewater District*

Dan Von Seggern, *Center for Environmental Law and Policy*

Joe Hovenkotter, *King County* (phone)

Melissa Borsting, *King County Agriculture Program*

Gina Clark, *Master Builders Association of King and Snohomish Counties*

Carla Carlson, *Muckleshoot Indian Tribe*

Elizabeth Garcia (alternate), *Seattle*

Terri Strandberg, *Snohomish County*

Matt Baerwalde, *Snoqualmie Indian Tribe*

Julie Lewis (alternate), *Snoqualmie Indian Tribe*

Stewart Reinbold, *Washington Department of Fish and Wildlife*

Stephanie Potts (chair), *Washington State Department of Ecology*

Ingria Jones (alternate), *Washington State Department of Ecology*

Jason Wilkinson (cities caucus rep), *WRIA 8 Salmon Recovery Council, ex officio*

Cities caucus members: Bellevue, Bothell, Issaquah, Kenmore, Mukilteo, Redmond, and Sammamish

Committee Members Not in Attendance*

City of Kent

Tulalip Tribes

Other Attendees

John Covert, *Department of Ecology*

Kelsey Collins, *Department of Ecology*

Buck Smith, *Department of Ecology*

Alora McGavin, *Department of Ecology*

Jacque Klug, *King County*

Kristina Westbrook, *King County*

Gretchen Muller (facilitator), *Cascadia Consulting Group*

Caroline Burney (information manager), *Cascadia Consulting Group*

Cynthia Carlstad (technical consultant), *Northwest Hydraulic Consultants*

*Attendees list is based on sign-in sheet.

Standing Business

Facilitator reviewed the agenda. No revisions to the agenda.

Chair did not receive comments on the meeting summary. The Committee voted to approve the June WRIA 8 WREC meeting summary, with the cities caucus rep abstaining. The final version will be posted on the Committee website.

Updates and Announcements

Chair provided updates from Ecology.

- Final NEB Guidance: Ecology released the final NEB guidance and Streamflow Restoration policy and interpretive statement July 31. The September WRIA 8 WREC meeting will include a presentation and discussion on the final NEB guidance.
- Grants Guidance: Ecology released the Draft Streamflow Restoration Competitive Grants Guidance for public comment. Comments are due by September 8, 2019. Ecology anticipates publishing final grant guidance in fall 2019, then will hold technical assistance workshops, and will likely begin accepting applications in the first quarter of 2020.
- Technical Workgroup Update: The workgroup met three times since the June 27 WRIA 8 WREC meeting: July 11 (joint meeting with WRIA 7), July 25 (in person and WebEx meeting) and August 14 (WebEx meeting). The workgroup discussed growth projections and subbasins and the workgroup's recommendations were presented to the Committee. The next workgroup meeting is week of September 16. Email Stephanie if you want to be added to the technical workgroup email list.

Public Comment

No comments.

Growth Projections and Consumptive Use

Objective: Review and discuss growth projections from King County, Snohomish County, and total WRIA 8 growth projections.

Reference Materials

- [WRIA 8 Growth projections summary table](#)
 - King County draft growth projections on 2nd tab
 - Snohomish County growth projections on 3rd tab
- [Growth projections methods summary](#)
- [King County historic growth maps](#)
- [Snohomish County historic growth and future capacity maps](#)

Update on Growth Projections

- Terri Strandberg summarized the Snohomish County growth projections methods and scenarios presented at the June WREC meeting and July technical workgroup meetings. The Snohomish County projections cover unincorporated areas of WRIA 8 within Snohomish County.
 - Scenario 1: past trends (based on building permit and assessor's database records)
 - Scenario 2: Comp Plan projection (based on OFM medium forecast)
 - Scenario 3: OFM high projection (this scenario was created by GeoEngineers. Snohomish County does not support this method.)
 - Scenario 4: rural capacity
- Joe Hovenkotter presented the King County growth projection methods and scenarios. The King County projections cover unincorporated areas of WRIA 8 within King County.
 - The building permit maps show building permit locations for 2000-2017. The historic growth percentages map show the historic distribution of growth between the stream basins.

- Cynthia Carlstad (technical consultant team) presented the well log spot check analysis completed by GeoEngineers. The purpose of this analysis was to determine if there are domestic permit-exempt wells within the Urban Growth Area.
- The Committee discussed recommendations to improve the data in the Ecology well log database, such as requiring GPS coordinates for wells and enforcing well log filing deadlines. [WAC 173-160-141](#) describes the current requirements for water well reports, including location of the well to at least ¼ section or smallest legal subdivision, and submitting the report to Ecology within 30 days after construction.
- Cynthia Carlstad presented the total WRIA 8 growth projections, which estimate 967 new permit-exempt well connections in WRIA 8 for the time-period 2018-2038. GeoEngineers compiled the growth projections from Snohomish County (past trends scenario) and King County for unincorporated areas. GeoEngineers then added permit-exempt well estimates for incorporated areas (well log spot check) to create a projection for total permit-exempt well connections by stream basin for WRIA 8. The workgroup discussed the total growth projections at the August 14th meeting and supported the methods and results.
- See the [methods summary document](#) and “summary tab” on the [WRIA 8 Growth Projection Summary spreadsheet](#) for more information on the growth projection methods and results.
- The King County developable land analysis is expected in September, in time to review the results at the next technical workgroup meeting. The technical workgroup will discuss the results of the analysis and the impacts on the growth projections (e.g. if the well projection in a subbasin exceeds the estimated capacity) and make a recommendation on final growth projections to the Committee at the September 26th WRIA 8 WREC meeting.
- **The chair anticipates a Committee vote on growth projections at the October 24th WRIA 8 WREC meeting.** Stephanie will provide summary growth projections memo after the September meeting.

Update on Consumptive Use Estimate

- During the next workgroup meeting, we will discuss the consumptive use assumptions and methods for estimating indoor and outdoor water use.
- GeoEngineers will get started on outdoor irrigation footprint analysis (lawn size) based on the proposed subbasins.
- At upcoming meetings, the Committee will talk about adding a “safety factor” to the consumptive use estimate to address uncertainty.

Subbasins

Objective: Discuss and comment on subbasin proposal recommended by Technical Workgroup.

Reference Materials

- Subbasin proposal

Discussion

- The technical workgroup recommended the King County subbasin proposal to the WRIA 8 WREC.
- The Committee discussed the subbasin proposal and there was support for the proposal from all members present.
- **The Committee will vote on the subbasin proposal at the September 26th WREC meeting.** Stephanie will distribute a memo and map summarizing the proposal for Committee members to use to prepare for a vote.

- The Committee acknowledged that we are using the term subbasin as defined in the Final Guidance for Determining Net Ecological Benefit and not based on the scientific definition. The Final Guidance for Determining Net Ecological Benefit defines subbasins as: “A geographic subarea within a WRIA, equivalent to the words “same basin or tributary” as used in RCW 90.94.020(4)(b) and RCW 90.94.030 (3)(b). In some instances, subbasins may not correspond with hydrologic or geologic basin delineations (e.g. watershed divides).”

Reclaimed Water Opportunities

Objective: Learn about reclaimed water (also called “recycled water”) and discuss opportunities to increase the use of reclaimed water in WRIA 8.

Reference Materials

- Reclaimed water presentation slides
- [Reclaimed water presentation recording](#)

Jacque Klug, from the King County recycled water program, presented background information on reclaimed water (also called recycled water), provide some examples of how reclaimed water is currently used in Washington State, and discussed opportunities for increasing the use of reclaimed water.

Discussion

- The Committee discussed opportunities in WRIA 8 to expand the use of reclaimed water distributed from the Brightwater Wastewater Treatment Plant.
- The Committee also discussed potential impacts to existing water rights if an entity accepts reclaimed water, geographic reach of the Brightwater facilities pipes, some of the characteristics of reclaimed water is (temperature, nutrient levels, etc.), etc.

After the presentation, the Committee toured the Brightwater Wastewater Treatment Plant.

Action Items for Chair:

- Provide memos on subbasins and growth projections to serve as a resource for Committee members to talk internally about upcoming Committee decisions.
 - Distributed subbasin proposal memo and map on August 27.
 - Will distribute growth projections summary memo after September WREC meeting.
- Ask King County to create a “historic growth percentages” map based on the proposed subbasins.
- Ask GeoEngineers to provide information on how they selected the wells logs to review for the spot check.

Action Items for Committee Members

- Prepare to vote on subbasins at the September 26th meeting.
- Prepare to vote on growth projections at the October 24th meeting (Stephanie will provide growth projections summary memo after the September meeting).
- Let Stephanie know if you will need to get higher level review and approval before making a decision and the time you need for review.
- Let Stephanie know if there are additional resources that would help you discuss the Committee’s progress and upcoming decisions within your organization or government. Please send Stephanie your ideas before the next meeting on September 26.

- Review draft August meeting summary and send Stephanie comments/corrections by September 17.

Next Meeting: Thursday, September 26

Next meeting—Thursday, September 26 from 9:30 a.m. - 12:30 p.m., Ecology Northwest Regional Office

- **Vote** on subbasins
- Update on growth projections and consumptive use
- Presentation on final Net Ecological Benefit guidance
- Presentation on salmon recovery priorities