

## Appendix A – References

- Barlow, P.M., and Leake, S.A. 2012, Streamflow depletion by wells—Understanding and managing the effects of groundwater pumping on streamflow. *U.S. Geological Survey Circular 1376*, 84 p.
- Blanton, M., Byrnes, C., Waldo, T., Jones, B., Clark, C. December 2011. “Puget Sound Steelhead Foundations: A Primer for Recovery Planning.” *Washington Department of Fish and Wildlife*.
- Booth, D.B., and Goldstein, B. 1994. Patterns and processes of landscape development by the Puget lobe ice sheet. *Washington Division of Geology and Earth Resources Bulletin 80*: 207-218.
- Cederholm, C. J., D. H. Johnson, R. E. Bilby, L.G. Dominguez, A. M. Garrett, W. H. Graeber, E. L. Greda, M. D. Kunze, B.G. Marcot, J. F. Palmisano, R. W. Plotnikoff, W. G. Percy, C. A. Simenstad, and P. C. Trotter. 2000. Pacific Salmon and Wildlife - Ecological Contexts, Relationships, and Implications for Management. Special Edition Technical Report, Prepared for D. H. Johnson and T. A. O’Neil (Managing directors), Wildlife-Habitat Relationships in Oregon and Washington. Washington Department of Fish and Wildlife, Olympia, Washington.  
<https://wdfw.wa.gov/sites/default/files/publications/00063/wdfw00063.pdf>
- DNR [Washington State Department of Natural Resources]. 2020. 1:100,000-Scale Geologic Maps of King and Snohomish Counties.  
<https://www.dnr.wa.gov/programs-and-services/geology/publications-and-data/publications-and-maps#.2>
- Earth Point. 2020. Topo Maps –USGS Topographic Maps on Google Earth.  
<http://www.earthpoint.us/TopoMap.aspx>
- Ecology [Washington State Department of Ecology]. 1995. Initial Watershed Assessment Water Resources Inventory Area 7, Snohomish River. Open-File Technical Report 95-06. Washington State Department of Ecology, Olympia.  
<https://fortress.wa.gov/ecy/publications/publications/95006.pdf>
- Ecology [Washington State Department of Ecology]. 1995. Initial Watershed Assessment Water Resources Inventory Area 7, Snohomish River. Open-File Technical Report 95-06. Washington State Department of Ecology, Olympia.  
<https://fortress.wa.gov/ecy/publications/publications/95006.pdf>

Ecology [Washington State Department of Ecology]. 2019. Final Guidance for Determining Net Ecological Benefit - GUID-2094 Water Resources Program Guidance. Publication 19-11-079. Washington State, Department of Ecology, Olympia.

<http://leg.wa.gov/JointCommittees/WRM/Documents/EcologyFinalGuidanceForDeterminingNEB.pdf>

[Ecology \[Washington State Department of Ecology\]](#). 2019a. Streamflow Restoration Policy and Interpretive Statement: POL-2094 Water Resources Program. August 2019. Washington State, Department of Ecology, Olympia.

<https://apps.wr.ecology.wa.gov/docs/WaterRights/wrwebpdf/pol-2094.pdf>

Ecology [Washington State Department of Ecology]. 2020. Find your WRIA.

<https://ecology.wa.gov/Water-Shorelines/Water-supply/Water-availability/Watershed-look-up>

Endangered and Threatened Species; Threatened Status for Three Chinook Salmon Evolutionarily Significant Units (ESUs) in Washington and Oregon, and Endangered Status for One Chinook Salmon ESU in Washington. 1999. 64 Federal Register 14308-14328.

<https://www.federalregister.gov/documents/1999/03/24/99-6815/endangered-and-threatened-species-threatened-status-for-three-chinook-salmon-evolutionarily>

Endangered and Threatened Wildlife and Plants; Determination of Threatened Status for Bull Trout in the Coterminous United States. 1999. 64 Federal Register 58910-58933.

<https://www.federalregister.gov/documents/1999/11/01/99-28295/endangered-and-threatened-wildlife-and-plants-determination-of-threatened-status-for-bull-trout-in>

Endangered and Threatened Species: Final Listing Determinations for 16 ESUs of West Coast Salmon, and Final 4(d) Protective Regulations for Threatened Salmonid ESUs. 2005. 70 Federal Register 37159-37204.

<https://www.federalregister.gov/documents/2005/06/28/05-12351/endangered-and-threatened-species-final-listing-determinations-for-16-esus-of-west-coast-salmon-and>

Endangered and Threatened Species: Final Listing Determination for Puget Sound Steelhead. 2007. 72 Federal Register 26722-26735.

<https://www.federalregister.gov/documents/2007/05/11/E7-9089/endangered-and-threatened-species-final-listing-determination-for-puget-sound-steelhead>

Endangered and Threatened Wildlife and Plants; Revised Designation of Critical Habitat for Bull Trout in the Coterminous United States. 2010. 75 Federal Register 63898-64070.

<https://www.federalregister.gov/documents/2010/10/18/2010-25028/endangered-and-threatened-wildlife-and-plants-revised-designation-of-critical-habitat-for-bull-trout>

Endangered and Threatened Species; Designation of Critical Habitat for Lower Columbia River Coho Salmon and Puget Sound Steelhead. 2016. 81 Federal Register 9251-9325.

<https://www.federalregister.gov/documents/2016/02/24/2016-03409/endangered-and-threatened-species-designation-of-critical-habitat-for-lower-columbia-river-coho>

- GeoEngineers, Inc. (GeoEngineers) 2021a. WRIA 7 PE Well Projections– Final. Technical memorandum prepared for Washington State Department of Ecology. January 6.
- GeoEngineers. 2021b. WRIA 7 Consumptive Use Estimates –Final Draft. Technical memorandum prepared for Washington State Department of Ecology. January 7.
- Gustafson, R.G., T.C. Wainwright, G.A. Winans, F.W. Waknitz, L.T. Parker, and R.S. Waples. 1997. Status review of sockeye salmon from Washington and Oregon. U.S. Dept. Commer., NOAA Tech. Memo. NMFS-NWFSC-33, 282 p.
- Haring, D. December 2002. “Salmonid Habitat Limiting Factors Analysis Snohomish River Watershed.” Washington State Conservation Commission.
- Johnson, O.W., Ruckelshaus, M. H., Grant, W.S., Waknitz, F.W., Garrett, A.M., Bryant, G.J., Neely, K., Hard, J.J. January 1999. “Status Review of Coastal Cutthroat Trout from Washington, Oregon, and California.” Conservation Biology Division Northwest Fisheries Science Center National Marine Fisheries Service.
- Jones, M. A. 1952. Geologic framework for the Puget Sound aquifer system, Washington and British Columbia. U.S. Geological Survey Professional Paper 424-C.  
<https://pubs.er.usgs.gov/publication/pp1424C>
- Kerwin, J. 2001. “Salmon and Steelhead Habitat Limiting Factors Report for the Cedar-Sammamish Basin (Water Resource Inventory Area 8).” Washington Conservation Commission. Olympia, WA
- King County [King County Department of Natural Resources and Parks, Water and Land Resources Division]. 2020. About the Snoqualmie Watershed Forum.  
<https://www.govlink.org/watersheds/7/about-the-forum/>
- King County Department of Natural Resources. May 2020. “Literature Review and Recommended Sampling Protocol for Bull Trout in King County.” Seattle, WA.
- King County. 2018. GIS Open Data: Basin boundaries derived from terrain data - King County only / topo basin kc area.  
<https://gis-kingcounty.opendata.arcgis.com/datasets/basin-boundaries-derived-from-terrain-data-king-county-only-topo-basin-kc-area>
- King County [King County, Water and Land Resources Division, Department of Natural Resources and Parks]. 2019. Snoqualmie Fish, Farm, & Flood.  
<https://www.kingcounty.gov/services/environment/watersheds/snoqualmie-skykomish/fish-farms-flooding.aspx>

Mauger, G.S., J.H. Casola, H.A. Morgan, R.L. Strauch, B. Jones, B. Curry et al. 2015. State of Knowledge: Climate Change in Puget Sound. Report prepared for the Puget Sound Partnership and the National Oceanic and Atmospheric Administration. Climate Impacts Group, University of Washington.

<https://cig.uw.edu/resources/special-reports/ps-sok/>

Natural Resources Conservation Service (NRCS), 1997. Irrigation Guide. National Engineering Handbook, Part 652. U.S. Department of Agriculture, Natural Resources Conservation Service. Issued September 1997.

Northwest Indian Fisheries Commission (NWIFC) and Washington State Department of Fish and Wildlife (WDFW). Statewide Integrated Fish Distribution (SWIFD).

[http://geo.wa.gov/datasets/4ed1382bad264555b018cc8c934f1c01\\_0](http://geo.wa.gov/datasets/4ed1382bad264555b018cc8c934f1c01_0). Publication Date: January 10, 2013. Accessed: 6/20/20

NWIFC [Northwest Indian Fisheries Commission]. 2014. Understanding Tribal Treaty Rights in Western Washington.

<https://nwifc.org/w/wp-content/uploads/downloads/2014/10/understanding-treaty-rights-final.pdf>

OFM [Office of Financial Management]. 2020. Population Estimates.

<https://www.ofm.wa.gov/washington-data-research/population-demographics/population-estimates>

PSP [Puget Sound Partnership]. 2018. State of Salmon in Watersheds 2018.

<https://stateofsalmon.wa.gov/puget-sound/regional-overview/>

SCD [Snohomish Conservation District]. 2019. Agriculture Resilience Plan for Snohomish County.

<https://snohomishcd.org/ag-resilience-plan-document>

Seattle City Light. 2020. Light Impact – South Fork Tolt.

[http://www.seattle.gov/light/environment/fish/ev5ff\\_sft.htm](http://www.seattle.gov/light/environment/fish/ev5ff_sft.htm)

Snohomish Basin Salmon Recovery Forum [Snohomish County Surface Water Management, King County Snoqualmie Watershed Forum Staff, and Tulalip Tribes Natural Resources Department]. 2015. Snohomish Basin Protection Plan.

[https://www.govlink.org/watersheds/7/pdf/SBPP/SBPP%20December%202015\\_reduced%20size.pdf](https://www.govlink.org/watersheds/7/pdf/SBPP/SBPP%20December%202015_reduced%20size.pdf)

Snohomish Basin Salmon Recovery Forum [Snohomish County Surface Water Management, King County Snoqualmie Watershed Forum Staff, and Tulalip Tribes Natural Resources Department]. 2015. Snohomish Basin Protection Plan.

[https://www.govlink.org/watersheds/7/pdf/SBPP/SBPP%20December%202015\\_reduced%20size.pdf](https://www.govlink.org/watersheds/7/pdf/SBPP/SBPP%20December%202015_reduced%20size.pdf)

- Snohomish Basin Salmon Recovery Forum. June 2005. "Snohomish River Basin Salmon Conservation Plan." Snohomish County Department of Public Works, Surface Water Management Division. Everett, WA
- Snohomish County [Snohomish County Department of Public Works, Surface Water Management Division]. 2005. Snohomish Basin Salmon Conservation Plan – WLRD Science Seminar.  
<https://your.kingcounty.gov/dnrp/library/water-and-land/science/seminars/May-2005/WRIA-7-Salmon-Conservation-Plan.pdf>
- Snohomish County [Snohomish County Department of Public Works, Surface Water Management Division]. 2019. Snohomish River Basin – Salmon Conservation Plan Status and Trends.  
[https://snohomishcountywa.gov/DocumentCenter/View/71060/SnohomishBasin10YearReport\\_2019-12-30\\_reduced](https://snohomishcountywa.gov/DocumentCenter/View/71060/SnohomishBasin10YearReport_2019-12-30_reduced)
- Snohomish County. 2020. [Snohomish County Department of Public Works, Surface Water Management Division]. Sustainable Lands Strategy.  
<https://snohomishcountywa.gov/2194/Sustainable-Lands-Strategy>
- Snohomish County PUD [Snohomish County Public Utility District No. 1]. 2020. Jackson Hydro Project.  
<https://www.snopud.com/?p=1196>
- United States Geologic Survey (USGS), 2012. Description of 2005-10 Domestic Water Use for Selected U.S. Cities and Guidance for Estimating Domestic Water Use. Scientific Investigations Report 2012–5163.
- USGS [U.S. Geological Survey, U.S. Department of Agriculture, Natural Resources Conservation Service]. 2013. Federal Standards and Procedures for the National Watershed Boundary Dataset (4 ed.): U.S. Geological Survey Techniques and Methods 11–A3.  
<https://pubs.usgs.gov/tm/11/a3/>.
- USGS [U.S. Geological Survey]. 2016. USGS National Hydrography Dataset (NHD) Downloadable Data Collection - National Geospatial Data Asset (NGDA) National Hydrography Dataset (NHD): USGS - National Geospatial Technical Operations Center (NGTOC).  
<http://nhd.usgs.gov>4.2.6 References
- USGS [United States Geological Survey]. 2020. National Water Information System: Web Interface. Current Conditions for Washington Streamflow.  
<https://waterdata.usgs.gov/wa/nwis/current/?type=flow>
- Vaccaro, J.J., Hansen, A.J., and Jones, M.A. 1998. Hydrogeologic Framework of the Puget Sound Aquifer System, Washington and British Columbia. U.S. Geological Survey Professional

Paper 1424-D.

<https://pubs.er.usgs.gov/publication/pp1424D>

Washington State Department of Ecology. *Final Guidance for Determining Net Ecological Benefit*. GUID-2094 Water Resources Program Guidance. Publication 19-11-079. July 31, 2019. Accessed March 10, 2020. Available:

<https://fortress.wa.gov/ecy/publications/documents/1911079.pdf>

Washington State Department of Fish and Wildlife (WDFW). 2020. SalmonScape.

<http://wdfw.wa.gov/mapping/salmonscape>

Western Regional Climate Center. 2020. Prism Precipitation Maps: 1961-90; Average Annual Precipitation, Washington.

[https://wrcc.dri.edu/Climate/precip\\_map\\_show.php?map=42](https://wrcc.dri.edu/Climate/precip_map_show.php?map=42)

Yan, H., N. Sun, A. Fullerton, and M. Baerwalde. Forthcoming. Greater vulnerability of snowmelt-fed river thermal regimes to a warming climate. Manuscript submitted to Environmental Research Letters.