

Attachment 4

References



Attachment 4 References

Attachment 5, Hydrodynamics and Sediment Transport Discipline Report

- AECOM. 2019. Olympia Sea Level Rise Response Plan. Report prepared for City of Olympia, LOTT Clean Water Alliance, and Port of Olympia.
<http://olympiawa.gov/~media/Files/PublicWorks/Water-Resources/SLR/SLR-Plan/SLR-Plan-Complete.pdf?la=en>
- Anchor QEA. 2013. *Sampling Analysis Plan and Quality Assurance Project Plan Budd Inlet Sediment Site*. Prepared by Anchor QEA for Port of Olympia. February 2013.
- Anchor QEA. 2016. *Investigation report Port of Olympia Budd Inlet sediment site*. Prepared by Anchor QEA for Port of Olympia. August 2016.
- Archfield, S.A. and Vogel, R.M. 2010. Map correlation method: Selection of a reference streamgage to estimate daily streamflow at ungaged catchments. *Water Resources Research*, Vo. 46, Issue 10, October 2010.
- Chow, V.T., 1959, *Open-channel hydraulics*: New York, McGraw-Hill Book Co., 680 p.
- City of Olympia. 2019. *Olympia Sea Level Rise Response Plan*. March 2019.
- CLAMP. 2000. *Capitol Lake Adaptive Management Plan 1999 to 2001*.
- Deltares. 2018. *Hydro-Morphodynamics Flow Model User Manual*.
- Engelund, F. and E. Hansen. 1967. *A monograph on Sediment Transport in Alluvial Streams*. Teknisk Forlag, Copenhagen.
- Entranco. 1984. *Capitol Lake restoration analysis*. Entranco Engineers. Bellevue, WA.
- Entranco. 1990. *Capitol Lake Wetland Development Feasibility Study*. Entranco Engineers. Bellevue, WA.
- Entranco. 1997. *1991-1996 Capitol Lake Survey Sediment Volume Calculations*. Technical Memorandum. Entranco Engineers. Bellevue, WA.
- eTrac. 2020. *Capitol Lakes Single Beam Bathymetric Survey*. Technical Report, Port Orchard, WA.
- George, D. A., G. Gelfenbaum, G. Lesser, and A.W. Stevens. 2006. *Deschutes estuary feasibility study—Hydrodynamics and sediment transport modeling*. United States Geological Survey Open File Report 2006–1318.
- Hauet, Alexandre, Thomas Morlot, and Léa Daubagnan. 2018. Velocity profile and depth-averaged to surface velocity in natural streams: A review over a large sample of rivers. *E3S Web of Conferences*. 40. 06015. 10.1051/e3sconf/20184006015.

- Herrera. 2019. *Capitol Lake sediment rating curve summary*.
- Hill, P. S., 1998. Controls on floc size in the sea. *Oceanography*. Vol. 11, 13-18.
- HydroPlan LLC. 2015. *Redwood City Harbor Navigation Improvement Feasibility Report and Integrated EIS/EIR*. Prepared for U.S. Army Corps of Engineers, San Francisco District. Prepared in collaboration with GAIA and Moffatt and Nichol. Contract No. W912P7-11-D-0004, Task Order No. 0013. June 2015.
- Intergovernmental Panel on Climate Change (IPCC). 2014. *Climate Change 2014: Synthesis Report. Contribution of Working Groups I, II and III to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change [Core Writing Team, R.K. Pachauri and L.A. Meyer (eds.)]*. IPCC, Geneva, Switzerland, 151 pp.
- Landau Associates (Landau). 1993. *Remedial Investigation Report, Sediments Operable Unit, Cascade Pole Company Site*. Prepared for the Washington State Department of Ecology. January 1993.
- Mauger, G.S., J.H. Casola, H.A. Morgan, R.L. Strauch, B. Jones, B. Curry, T.M. Busch Isaksen, L. Whitely Binder, M.B. Krosby, and A.K. Snover, 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, Seattle. doi:10.7915/CIG93777D
- Meyer-Peter, E. and R. Müller. 1948. "Formulas for bed load transport." In *Proceedings of the 2nd Congress IAHR, Stockholm*, vol. 2, pages 39–64.
- Mih, W. and Orsborn, J. 1974. *Sediment removal and maintenance system for the upper basin of Capital Lake Olympia, Washington*. Preliminary Report, Washington State University, Pullman, WA, 33 p.
- Miller, I.M., Morgan, H., Mauger, G., Newton, T., Weldon, R., Schmidt, D., Welch, M., Grossman, E. 2018. "Projected Sea Level Rise for Washington State – A 2018 Assessment." A collaboration of Washington Sea Grant, University of Washington Climate Impacts Group, Oregon State
- Moffatt & Nichol (M&N). 2007. *Deschutes Estuary Feasibility Study, Phase 3: Engineering Design and Cost Estimates*. Technical Report, Seattle.
- Moffatt & Nichol (M&N). 2008. *Capitol Lake Alternatives Analysis Hydraulic Modeling*.
- Moffatt & Nichol (M&N). 2011. *Delft3D Borrow Area Modeling, Appendix D of Mississippi River Long Distance Sediment Pipeline, Overall Planning and Development, OCPR*. M&N Project No. 6865, dated Jan 14, 2011.
- Moffatt & Nichol (M&N). 2022. *Basis of Design for Capitol Lake – Deschutes Estuary*.
- National Oceanic and Atmospheric Administration (NOAA). 2014. *Digital Elevation Model of Puget Sound, Washington: Procedures, Data Sources, and Analysis*. Prepared for the National Tsunami Hazard Mitigation Program (NTHMP) by the NOAA National Geophysical Data Center (NGDC) June 24, 2014.

- National Oceanic and Atmospheric Administration (NOAA). 2019. NOAA Online Weather Data (NOWData), <https://w2.weather.gov/climate/xmacis.php?wfo=sew>. Accessed Dec 5, 2019.
- National Research Council (NRC). 2012. Sea-Level Rise for the Coasts of California, Oregon, and Washington: Past, Present, and Future. Washington, DC: The National Academies Press. URL: <https://doi.org/10.17226/13389>.
- Nelson, L.M. 1974. Sediment transport by streams in the Deschutes and Nisqually River basins. Washington: November 1971-June 1973. U.S. Geological Survey Open-File Report. 33 p.
- NewFields. 2015. *Elevation file: CapLake_NorthBasin_17April2015.tif*
- Northwest Hydraulic Consultants Inc. (NHC). 2016. *Capitol Lake Flood Notification Tool*.
- Partheniades, E. 1965. "Erosion and Deposition of Cohesive Soils." Journal of the Hydraulics Division, ASCE 91 (HY 1): 105–139. January.
- Quantum Spatial. 2015. *City of Olympia 2015 LiDAR Technical Data Report*. Technical Report, Corvallis, OR.
- Quantum Spatial. 2017. *Western Washington 3DEP LiDAR Technical Data Report*. Technical Report, Corvallis, OR.
- Science Applications International Corporation (SAIC). 2008. *Sediment Characterization Study, Budd Inlet. Final Data Report*. Prepared for the Washington State Department of Ecology. March 2008.
- Sedimentary Geology 162:5-24.TerraSond. 2013. *Capitol Lakes Hydrographic Survey, Project No.: 2013-011*. Conducted for Floyd/Snider.
- Stevens, A. W., G. Gelfenbaum, E. Elias, and A. Jones. 2008. *Incorporation of fine-grained sediment erodibility measurements into sediment transport modeling, Capitol Lake, Washington*. United States Geological Survey Open File Report 2008–1340.
- Sweet, W.V., B.D. Hamlington, R.E. Kopp, C.P. Weaver, P.L. Barnard, D. Bekaert, W. Brooks, M. Craghan, G. Dusek, T. Frederikse, G. Garner, A.S. Genz, J.P. Krasting, E. Larour, D. Marcy, J.J. Marra, J. Obeysekera, M. Osler, M. Pendleton, D. Roman, L. Schmied, W. Veatch, K.D. White, and C. Zuzak. 2022. Global and Regional Sea Level Rise Scenarios for the United States: Updated Mean Projections and Extreme Water Level Probabilities Along U.S. Coastlines. NOAA Technical Report NOS 01. National Oceanic and Atmospheric Administration, National Ocean Service, Silver Spring, MD, 111 pp. URL: <https://oceanservice.noaa.gov/hazards/sealevelrise/noaa-nostechrpto1-global-regional-SLR-scenarios-US.pdf>.
- Syvitski, J.P.M., S.D. Peckham, R. Hilberman, and T. Mulder. 2003. *Predicting the terrestrial flux of sediment to the global ocean: a planetary perspective*.
- TerraSond. 2013. *Capitol Lakes Hydrographic Survey, Project No.: 2013-011. Conducted for Floyd/Snider*.
- Tetra Tech, Inc. 2011. *Model Comparison Report in Support of the Savannah Harbor Expansion Project*. Prepared for USACE – Savannah District. Contract No: W912HN-09-R-0081. July 29, 2011.

- United States Army Corps of Engineers (USACE). 2020. *Federal Navigation Channel Hydrographic Condition Surveys in Budd Inlet*.
<https://www.mvr.usace.army.mil/Missions/Navigation/Hydrographic-Surveys/HydrographicSurveysMap/>
- United States Army Corps of Engineers (USACE). 2016. *Environmental Impact Statement: Seattle Harbor Navigation Improvement Project*.
- United States Army Engineer Research and Development Center (ERDC). 2010. *Waves, Hydrodynamics and Sediment Transport Modeling at Grays Harbor, WA*. ERDC/CHL TR-10-13. December 2010.
- United States Army Engineer Research and Development Center (ERDC). 2013. *Regional Sediment Management Studies of Matagorda Ship Channel and Matagorda Bay System, Texas*. ERDC/CHL TR-13-10. August 2013.
- United States Army Engineer Research and Development Center (ERDC). 2014. *Houston-Galveston Navigation Channel Shoaling Study*. ERDC/CHL TR-14-14. December 2014.
- United States Geological Survey (USGS). 2005. *Capitol Lake, Washington, 2004 Data Summary*. Data Series 180.
- URS & Dewberry. 2003. *Capitol Lake Floodplain Analysis*.
- USGCRP. 2017. Climate Science Special Report: Fourth National Climate Assessment, Volume I [Wuebbles, D.J., D.W. Fahey, K.A. Hibbard, D.J. Dokken, B.C. Stewart, and T.K. Maycock (eds.)]. U.S. Global Change Research Program, Washington, DC, USA, 470 pp., doi: 10.7930/J0J964J6.
- Van Rijn, L. C. 1993. *Principles of Sediment Transport in Rivers, Estuaries and Coastal Seas*. Aqua Publications, The Netherlands.
- Washington Department of Fish & Wildlife (WDFW), 2019. *Personal Communicate*. 05/2019.
- Washington State University. College of Engineering, 1975. *Hydraulic and Water Quality Research Studies of Capitol Lake Sediment and Restoration Problems*. September 1975. Project 7374 9. 12-1310. Prepared by J.F. Orsborn. et al.
- Willmott, C.J. 1982. *Some comments on the evaluation of model performance*. Bulletin American Meteorological Society 63.11: 1309-1313.
- Willmott, C.J., Ackleson, S.G., Davis, R.E., Feddema, J.J., Klink, K.M., Legates, D.R., O'Donnell, J., and Rowe, C.M. 1985. *Statistics for the evaluation and comparison of models*. Journal of Geophysical Research 90.C5: 8995-9005.
- Zhang, J., Wang, H., Ye, F., & Wang, Z. 2017. *Assessment of Hydrodynamic and Water Quality Impacts for Channel Deepening in the Timble Shoals, Norfolk Harbor, and Elizabeth River Channels: Final report on the "hydrodynamic modeling."* Special report in applied marine science and ocean engineering; no. 455. Virginia Institute of Marine Science, College of William and Mary.
<https://doi.org/10.21220/V5MFoF>

Attachment 6, Navigation Discipline Report

Anchor QEA. 2013. *Sampling Analysis Plan and Quality Assurance Project Plan Budd Inlet Sediment Site*. Prepared by Anchor QEA for Port of Olympia. February 2013.

City of Olympia. 2019. *Olympia Sea Level Rise Response Plan*. March 2019.

Department of Enterprise Services (Enterprise Services). 2021. *Draft Environmental Impact Statement (Draft EIS) for the Capitol Lake – Deschutes Estuary Long-term Management*. June 30.

Landau Associates (Landau). 1993. *Remedial Investigation Report, Sediments Operable Unit, Cascade Pole Company Site*. Prepared for the Washington State Department of Ecology. January 1993.

Fiddlehead Marina. 2020. Email communications with Robbert Wubbena, Owner/Manager, Fiddlehead Marina. July 29.

George, D. A., G. Gelfenbaum, G. Lesser, and A.W. Stevens. 2006. *Deschutes estuary feasibility study—Hydrodynamics and sediment transport modeling*. United States Geological Survey Open File Report 2006–1318.

Herrera Environmental Consultants, Inc. 2022. *Sediment Quality Discipline Report*. Prepared for Washington Department of Enterprise Services. July.

Martin Marina. 2020. Email communications with Roger Burgher, Manager/Treasurer, M.G. Burgher & Associates, Inc., d/b/a Martin Marina. August 7.

Moffatt & Nichol. 2022. *Hydrodynamics and Sediment Transport Discipline Report*. Prepared for Washington Department of Enterprise Services. July.

Olympia Yacht Club. 2020. Email communications with Meg VanSchoorl, Board of Trustees. July 27.

Port of Olympia. 2020. Email communications with Len Fletcher, Marine Terminal Director, Port of Olympia. August 18.

Port of Olympia. 2019. *Port Vision 2050 Action Plan*. August 2019.

Port of Olympia. 2017a. *Comprehensive Scheme of Harbor Improvements*. Commission Approval Date: May 22, 2017.

Port of Olympia 2017b. *Port of Olympia Development Guidelines*. Commission Approval Date: May 22, 2017.

Port of Olympia 2017c. *Port of Olympia Strategic Plan*.

Science Applications International Corporation (SAIC). 2008. *Sediment Characterization Study, Budd Inlet. Final Data Report*. Prepared for the Washington State Department of Ecology. March 2008.

Stevens, A. W., G. Gelfenbaum, E. Elias, and A. Jones. 2008. *Incorporation of fine-grained sediment erodibility measurements into sediment transport modeling, Capitol Lake, Washington*. United States Geological Survey Open File Report 2008–1340.

U.S. Army Corps of Engineers (USACE). 2003. *Ports of Tacoma, Olympia, and Grays Harbor, Washington*.

Attachment 7, Water Quality Discipline Report

- Ahmed, et al. 2018. Budd Inlet TMDL—A Briefing of the Technical Analysis. Presented to Internal Committee, Date Unknown. Affiliated with the Washington State Department of Ecology.
- Anchor. 2009. Completion Report Berths 2 and 3 Interim Action Cleanup. Prepared for the Port of Olympia, by Anchor QEA, LLC.
- CH2M-Hill. 1978. Water Quality in Capitol Lake Olympia, Washington. Prepared for the State of Washington Departments of Ecology and General Administration, by CH2M-Hill.
- CH2M-Hill. 2001. Technical Evaluation Report for the Discharge of Treated Wastewater from the Tumwater Brewery. Prepared for Miller Brewing Company Tumwater Brewery, Tumwater, Washington by CH2M-Hill.
- Entranco. 1984. Capitol Lake Restoration Analysis. Prepared for State of Washington Department of General Administration by Entranco Engineers.
- Environmental Science Associates (ESA). 2022. Capitol Lake-Deschutes Estuary, Wetland Discipline Report. Prepared for Department of Enterprise Services by Environmental Science Associates, Seattle, Washington. July.
- Hartman. 1995. Thurston County Lake Lawrence Restoration Project. Prepared for Thurston County Department of Water and Waste Management by Hartman and Associates and EnviroVision.
- Helsel and Hirsch. 2002. Hydraulic Analysis and Interpretation. In: Statistical Methods in Water Resources. United States Geological Survey.
- Herrera. 2019. Water Resources Methodology for Capitol Lake – Deschutes Estuary. Prepared for Washington Department of Enterprise Services by Herrera Environmental Consultants Inc. Seattle, Washington.
- Herrera. 2022. Sediment Quality Discipline Report. Prepared for Washington State Department of Enterprise Services by Herrera Environmental Consultants Inc., Seattle, Washington. July.
- Lacey, Olympia, Tumwater and Thurston County Wastewater Management Partnership (LOTT). 1998. Budd Inlet Scientific Study Final Report. Lacey, Olympia, Tumwater and Thurston County Wastewater Management Partnership. Olympia, Washington.
- Moffatt & Nichol. 2022. Hydrodynamics and Sediment Transport Discipline Report. Prepared for Washington State Department of Enterprise Services, Olympia, Washington by Moffatt & Nichol, Seattle, Washington. July.
- Northwest Hydraulic Consultants Inc. (NHC). 2016. Capitol Lake Flood Notification Tool. Prepared for Washington State Department of Enterprise Services by Northwest Hydraulic Consultants Inc., Seattle, Washington.
- Nürnberg, G. K., and B. D. LaZerte. 2016. More than 20 years of estimated internal phosphorus loading in polymictic, eutrophic Lake Winnipeg, Manitoba. *J. Great Lakes Res.* 42: 18–27.

- Puget Sound Partnership (PSP). 2020. Puget Sound Vital Signs, Marine Sediment Quality website page. Puget Sound Partnership, Olympia, Washington. Accessed October 2020: <<https://vitalsigns.pugetsoundinfo.wa.gov/VitalSign/Detail/9>>.
- Thurston County. 2006. Water Resource Monitoring Report 2003–2004 Water Year, 2004–2005 Water Year. Thurston County Public Health and Social Services Department. Olympia, Washington
- Thurston County. 2014. Annual Monitoring Report: Budd Inlet/Deschutes River (WRIA 13). Thurston County Environmental Health.
- Thurston County. 2020. “Noxious Weeds & Lake Management.” Thurston County, Washington. <<https://www.co.thurston.wa.us/tcweeds/>>. Accessed January 31, 2020.
- U.S. Environmental Protection Agency (USEPA). 2020. Total Maximum Daily Loads (TMDLs) for the Deschutes River and its Tributaries: Sediment, Bacteria, Dissolved Oxygen, pH, and Temperature. United States Environmental Protection Agency. July.
- Washington Department of Ecology (Ecology). 2012. Deschutes River, Capitol Lake, and Budd Inlet Temperature, Fecal Coliform Bacteria, Dissolved Oxygen, pH, and Fine Sediment Total Maximum Daily Load Technical Report: Water Quality Study Findings. Ecology Publication 12-03-008. Washington Department of Ecology.
- Washington Department of Ecology (Ecology). 2013. Lake Loma Phosphorus Screening-Level Assessment. Ecology Publication 13-03-031. State of Washington Department of Ecology.
- Washington Department of Ecology (Ecology). 2014. South Puget Sound Dissolved Oxygen Study: Water Quality Model Calibration and Scenarios. Ecology Publication 14-03-004. Washington State Department of Ecology. March.
- Washington Department of Ecology (Ecology). 2015a. Deschutes River, Percival Creek, and Budd Inlet Tributaries Temperature, Fecal Coliform Bacteria, Dissolved Oxygen, pH, and Fine Sediment TMDL: Water Quality Improvement Report and Implementation Plan. Ecology Publication 15-10-012. Washington Department of Ecology.
- Washington Department of Ecology (Ecology). 2015b. Deschutes River, Capitol Lake, and Budd Inlet Total Maximum Daily Load Study: Supplemental Modeling Scenarios. Ecology Publication 15-03-002. Washington Department of Ecology.
- Washington Department of Ecology (Ecology). 2019a. Sediment Cleanup User’s Manual (SCUM). Toxics Cleanup Program, Washington State Department of Ecology, Olympia, Washington. Revised December.
- Washington Department of Ecology (Ecology). 2019b. Puget Sound Nutrient Source Reduction Project Volume 1: Model Updates and Bounding Scenarios. Ecology Publication 19-03-001. Washington Department of Ecology.
- Welch and Jacoby. 2004. Pollutant Effects in Freshwater: Applied Limnology, Third Edition. CRC Press, Boca Raton, Florida.

Attachment 8, Aquatic Invasive Species Discipline Report

- ACERA. 2013. "Diving services for noxious and aquatic plant removal in Capitol Lake, 2013." *Advanced Concepts in Environmental Regulatory Assistance Technical Memorandum*. May 30.
- Adams, K. 2010. *Capitol Lake New Zealand Mud Snail Response: Benthic Macroinvertebrates Study Results*. Prepared for Washington Department of General Administration by Washington State Department of Ecology, Environmental Assessment Program, Olympia, Washington.
- Aguirre, W., and S. Poss. 1999. *Nonindigenous Species in the Gulf of Mexico Ecosystem: Corbicula fluminea (Muller, 1774)*. Gulf States Marine Fisheries Commission (GSMFC).
- AIS. 2005. "Chinese Mystery Snail." *Department of Natural Resources, Aquatic Invasive Species*. March.
- Alonso, A., and P. Castro-Díez. 2008. "What explains the invading success of the aquatic mud snail *Potamopyrgus antipodarum* (Hydrobiidae, Mollusca)?" *Hydrobiologia*. 614:107–116.
- Alonso, A., and P. Castro-Díez. 2012. "The exotic aquatic mud snail *Potamopyrgus antipodarum* (Hydrobiidae, Mollusca): state of the art of a worldwide invasion." *Aquatic Sciences*. 74:375–383.
- Aquatechnex. 2003. "Capitol Lake Integrated Aquatic Vegetation Management Plan." *Aquatechnex*. July.
- Bartleson, B. 2010. "New Zealand Mudsnailed Found in Capitol Lake, Olympia." *The Dredgings*. 50(1):7–8.
- Beaver, J.R., T.L. Crisman, and R.J. Brock. 1991. "Grazing effects of an exotic bivalve (*Corbicula fluminea*) on hypereutrophic lake water." *Lake and Reservoir Management*. 7:45–51.
- Bensen, A.J. 2010. "New Zealand mudsnail sightings distribution." United States Geological Survey Nonindigenous Aquatic Species Database. <<http://nas.er.usgs.gov/taxgroup/mollusks/newzealandmudsnaildistribution.aspx>>. Last accessed February 20, 2020.
- Bersine, K., V.E.F. Brenneis, R.C. Draheim, A.M. Wargo Rub, J.E. Zamon, R.K. Litton, S.A. Hinton, M.D. Sytsma, J.R. Cordell, and J.W. Chapman. 2008. "Distribution of the invasive New Zealand mudsnail (*Potamopyrgus antipodarum*) in the Columbia River Estuary and its first recorded occurrence in the diet of juvenile Chinook salmon (*Oncorhynchus tshawytscha*)." *Biological Invasions*. 10:1381–1388.
- Britton, J.C., and B. Morton. 1979. "Corbicula in North America: the evidence reviewed and evaluated. In Britton, J.C., J.S. Mattice, C.E. Murphy, and L.W. Newland (editors)." *Proceedings, First International Corbicula Symposium*. Texas Christian University Research Foundation Publication, Fort Worth, Texas: 249–287.
- Bruce, R.L., C.M. Moffitt, and B. Dennis. 2009. "Survival and passage of ingested New Zealand mudsnails through the intestinal tract of rainbow trout." *North American Journal of Aquaculture*. 71:287–301.
- Burnett, J.L., K.L. Pope, A. Wong, C.R. Allen, D.M. Haak, B.J. Stephen, and D.R. Uden. 2018. "Thermal tolerance limits of the Chinese mystery snail (*Bellamya chinensis*): implications for management." *American Malacological Bulletin*. 36(1):140–144.

- CABI. 2020a. "Datasheet: *Corbicula fluminea* (Asian clam)." *CABI Invasive Species Compendium*. <<https://www.cabi.org/isc/datasheet/88200>>. Last accessed February 20, 2020.
- CABI. 2020b. "Datasheet: *Micropterus salmoides* (largemouth bass)." *CABI Invasive Species Compendium*. <<https://www.cabi.org/isc/datasheet/74846>>. Last accessed February 20, 2020.
- CABI. 2020c. "Datasheet: *Perca flavescens* (yellow perch)." *CABI Invasive Species Compendium*. <<https://www.cabi.org/isc/datasheet/70036>>. Last accessed February 20, 2020.
- Carey, M.P., B.L. Sanderson, T.A. Friesen, K.A. Barnas, and J.D. Olden. 2011. "Smallmouth bass in the Pacific Northwest: A threat to native species; a benefit for anglers." *Reviews in Fisheries Science*. 19(3):305–315.
- Carter, J., and B. Leonard. 2002. "A review of the literature on the worldwide distribution, spread of and efforts to eradicate the coypu (*Myocaster coypus*)." *Wildlife Society Bulletin*. 30:162–175.
- Cheng, Y.W., and L.L. LeClair. 2011. "A quantitative evaluation of the effect of freezing temperatures on the survival of New Zealand mudsnails (*Potamopyrgus antipodarum*; Gray 1843), in Olympia Washington's Capitol Lake." *Aquatic Invasions*. 6(1):47–54.
- Coughlan, N.E., D.A. Walsh, J.M. Caffrey, E. Davis, F.E. Lucy, R.N. Cuthbert, and J.T.A. Dick. 2018. "Cold as Ice: a novel eradication and control method for invasive Asian clam, *Corbicula fluminea*, using pelleted dry ice." *Management of Biological Invasion*. 9(4):463–474.
- Coughlan, N.E., R.N. Cuthbert, S. Potts, E.M. Cunningham, K. Crane, J.M. Caffrey, F.E. Lucy, E. Davis, J.T.A. Dick. 2019. "Beds Are Burning: eradication and control of invasive Asian clam, *Corbicula fluminea*, with rapid open-flame burn treatments." *Management of Biological Invasions*. 10(3):486–499.
- Davidson, T.M., V.E.F. Brenneis, C. de Rivera, R. Draheim, and G.E. Gissespie. 2008. "Northern range expansion and coastal occurrences of the New Zealand mud snail *Potamopyrgus antipodarum* (Gray 1843) in the northeast Pacific." *Aquatic Invasions*. 3:349–353.
- Deng, I. 1997. "Study on the effect of predation on *Radix auricularia* on the junior snail of *Parafossarulus striatulus* of the first intermediate host of *Clonochris sinensis*." *Chinese Journal of Zoonoses*. 13:47–48.
- Devick, W.S. 1991. "Pattern of introductions of aquatic organisms to Hawaiian freshwater habitats." *New Directions in Research, Management and Conservation of Hawaiian Freshwater Stream Ecosystem*. 1:189–213.
- Draheim, R. 2015. Evolving New Zealand Mudsnail Management Priorities in the PNW. Presentation at the Invasive Species Session of Pacific Northwest Economic Region 25th Annual Summit in Big Sky, Montana on July 13, 2015. U.S. Fish and Wildlife Services. <http://www.pnwer.org/uploads/2/3/2/9/23295822/draheim_nzms_update.pdf>.
- Drake, J.M. 2005. "Risk analysis for invasive species and emerging infectious diseases: Concepts and applications." *The American Midland Naturalist* 153(1):4–19.

- Dybdahl, M.F. and C.M. Lively. 1995. "Diverse, endemic and polyphyletic clones in mixed populations of a freshwater snail (NZ mudsnail)." *Journal of Evolutionary Biology*. 8:385–398.
- Ecology. 2001. *An Aquatic Plant Identification Manual for Washington's Freshwater Plants*. Washington State Department of Ecology. Washington State Department of Printing.
- Ecology. 2020a. *Washington State Lakes Environmental Data*. Washington State Department of Ecology. <<https://fortress.wa.gov/ecy/coastalatlus/tools/LakeDetail.aspx>>. Last accessed April 14, 2020.
- Ecology. 2020b. *Aquatic Invasive Species Management General Permit, National Pollutant Discharge Elimination System and State Waste Discharge General Permit*. Washington State Department of Ecology. <<https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Aquatic-pesticide-permits/Aquatic-invasive-species-management>>. Last accessed August 21, 2020.
- Enterprise Services. 2016. *Enterprise Services raising Capitol Lake following draw-down to combat mudsnails*. Prepared by the Washington State Department of Enterprise Services. December 20.
- Entranco. 1997. *1997 Capitol Lake drawdown monitoring results: Capitol Lake Adaptive Management Plan*. Prepared for the Capitol Lake Adaptive Management Plan Steering Committee.
- EnviroScience. 2013. *2012 Milfoil Weevil Population Survey in Capitol Lake and East Mitigation Pond*. Prepared for Washington State Department of Enterprise Services. January 4.
- Foster, A.M., P. Fuller, A. Bensen, S. Contant, D. Raikow, J. Larson, and A. Fusaro. 2019. *Cobocula fluminea*. USGS Nonindigenous Aquatic Species Database, Gainesville, Florida. <<http://nas.er.usgs.gov/queries/factsheet.aspx?speciesid=92>>. Revised November 13.
- Fuller, P., and M. Neilson. 2020a. "*Ameiurus nebulosus* (Lesueur, 1819)." *U.S. Geological Survey, Nonindigenous Aquatic Species Database*. <<https://nas.er.usgs.gov/queries/FactSheet.aspx?SpeciesID=734>>. Revised May 21, 2019.
- Fuller, P., and M. Neilson. 2020b. "*Perca flavescens* (Mitchill, 1814)." *U.S. Geological Survey, Nonindigenous Aquatic Species Database*. <<https://nas.er.usgs.gov/queries/factsheet.aspx?SpeciesID=820>>. Last accessed February 20, 2020.
- Fuller, P., M. Cannister, and M. Neilson. 2020a. "*Micropterus dolomieu* Lacèpede, 1802." *U.S. Geological Survey, Nonindigenous Aquatic Species Database*. <<https://nas.er.usgs.gov/queries/factsheet.aspx?SpeciesID=396>>. Last accessed February 20, 2020.
- Fuller, P., M. Neilson, and J. Procopio. 2020b. "*Micropterus salmoides* (Lacèpede, 1802)." *U.S. Geological Survey, Nonindigenous Aquatic Species Database*. <<https://nas.er.usgs.gov/queries/factsheet.aspx?SpeciesID=401>>. Last accessed February 20, 2020.

- GA. 1992. *Heritage Park: The Capitol Green—A Celebration of Washington’s Heritage, Draft Predesign Study*. Prepared for Washington State Department of General Administration by the Portico Group and the SWA Group. December.
- GA. 2002. *Capitol Lake Adaptive Management Plan*. Capitol Lake Adaptive Management Committee. Washington State Department of General Administration. October 3.
- GA. 2004. *Capitol Lake Adaptive Management Plan: 2004 Annual Report*. Capitol Lake Adaptive Management Committee. Washington State Department of General Administration. December.
- GA. 2010. *Aquatic Weeds Management Fund Grant Project Progress Report*. Washington State Department of General Administration. June 30.
- Garono, R.J., E. Thompson, and M. Koehler. 2006. *Deschutes River Estuary Restoration Study Biological Conditions Report*. Submitted to Thurston Regional Planning Council. September.
- Goldberg, C.A., A. Sepulveda, A. Ray, J. Baumgardt, and L.P. Waits. 2013. "Environmental DNA as a new method for early detection of New Zealand mudsnails." *Freshwater Science*. 32(3):792–800.
- Haak, D.M., B.J. Stephen, R.A. Kill, N.A. Smeenk, C.R. Allen, and K.L. Pope. 2014. "Toxicity of copper sulfate and rotenone to Chinese mystery snail (*Ballamy chinensis*)." *Management of Biological Invasions*. 5(4):371–375.
- Hall Jr., R.O., T.L. Tank, and M.F. Dybdahl. 2003. "Exotic snails dominate nitrogen and carbon cycling in a highly productive stream." *Frontiers in Ecology and the Environment*. 1(8):407–411.
- Hall Jr., R.O., M.F. Dybdahl, and M.C. VanderLoop. 2006. "Extremely high secondary production of introduced snails in rivers." *Ecological Applications*. 16(3):1121–1131.
- Haynes, A. and B.J.R. Taylor. 1984. "Food finding and food preference in *Potamopyrgus jenkinsi* (E.A. Smith) (Gastropoda: Prosobranchia)." *Archives of Hydrobiologia*. 100:479–491.
- Havel, J.E. 2011. "Survival of the exotic Chinese mystery snail (*Cipangopaludina chinensis malleata*) during air exposure and implications for overland dispersal by boats." *Hydrobiologia*. 668:195–202.
- Hayes, M.P., T. Quinn, and T.L. Hicks. 2008. *Implications of Capitol Lake Management for Fish and Wildlife*. Prepared by the Washington Department of Fish and Wildlife. August.
- Herrera. 2004. *Capitol Lake vertebrate and invertebrate inventory*. Prepared for Washington Department of General Administration, Olympia, Washington. Herrera Environmental Consultants, Inc., Seattle, Washington.
- Hilts, D.J., M.W. Belitz, T.M. Gehring, K.L. Pangle, and D.G. Uzarski. 2019. "Climate change and nutria range expansion in the eastern United States." *The Journal of Wildlife Management*. 83(3):591–598.
- Hoy, M., B.L. Boese, L. Taylor, D. Reusser, and R. Rodriguez. 2012. "Salinity adaptation of the invasive New Zealand mud snail (*Potamopyrgus antipodarum*) in the Columbia River estuary (Pacific Northwest, USA): physiological and molecular studies." *Aquatic Ecology*. 46:249–260.

- INDNR. 2009. *Aquatic invasive species: Asiatic clam*. <http://www.in.gov/dnr/files/Asiatic_Clam.pdf>. Last accessed February 20, 2020.
- Johannes, E.J. 2010. *Impact on Potamopyrgus antipodarum (New Zealand mudsnail) from the 2009 drawdown of Capitol Lake, Thurston County, Washington*. Final Report to Washington Department of Fish and Wildlife, Olympia, Washington.
- Johannes, E.J. 2011. *Distribution survey for Potamopyrgus antipodarum (New Zealand mudsnail) in the north and middle basins of Capitol Lake, Thurston County, Washington*. July 15.
- Johannes, E.J. 2013. *2013 Survey for Potamopyrgus antipodarum (New Zealand mudsnail) within a five-mile radius of Capitol Lake, Thurston County, Washington*. Prepared for the Washington Invasive Species Council, Washington State Recreation and Conservation Office, Olympia, Washington. June 30.
- Johannes, E.J. 2015. *2015 survey for Potamopyrgus antipodarum (New Zealand mudsnail) within a five-mile radius of Capitol Lake, Thurston County, Washington*. Prepared for Washington Department of Fish and Wildlife, Aquatic Invasive Species Unit, Olympia, Washington. June 30.
- Johannes, E.J. 2022. *Survey for Potamopyrgus antipodarum (New Zealand mudsnail) in the west and east bays of southern Budd Inlet, Thurston County, Washington*. Prepared for Washington Department of Enterprise Services, Olympia, Washington. May 10.
- Jokela, J., M.F. Dybdahl, and C.M. Lively. 1999. "Habitat specific variation in life-history traits, clonal population structure, and parasitism in freshwater snail (NZ mudsnail)." *Journal of Evolutionary Biology*. 12:350–360.
- Karatayev, A.Y., S.E. Mastitsky, L.E. Burlakova, V.A. Karatayev, M.M. Hajduk, and D.B. Conn. 2012. "Exotic molluscs in the Great Lakes host epizootically important trematodes." *Journal of Shellfish Research*. 13(3)885–894.
- Kipp, R.M., A.J. Benson, J. Larson, and A. Fusaro. 2019. "Radix auricularia." *USGS Nonindigenous Aquatic Species Database*. <<https://nas.er.usgs.gov/queries/FactSheet.aspx?SpeciesID=1012>>. Last accessed February 17, 2020.
- Korniushin, A.V., and M. Glaubrecht. 2003. "Novel reproductive modes in freshwater clams: brooding and larval morphology in Southeast Asian taxa of Corbicula (Mollusca, Bivalvia, Corbiculidae)" *Acta Zoologica*. 84(4):293–315.
- Lake Whatcom Management Program. 2022. AIS Program webpage. URL: <https://www.lakewhatcom.whatcomcounty.org/our-programs/ais-program>.
- Landau Associates. 2017. *2017 Sediment Quality Report, Cascade Pole Site, Olympia, Washington*. Prepared for Port of Olympia, Olympia, Washington by Landau Associates, Edmonds, Washington. November 21.
- LeBlanc, D.J. 1994. *Nutria: Prevention and Control of Wildlife Damage*. United States Department of Agricultural USDA-APHIS-Animal Damage Control, Port Allen, Louisiana.

- Leclair, L.L., and Y.W. Cheng. 2011. "A review of salinity tolerances for the New Zealand mudsnail (*Potamopyrgus antipodarum*, Gray 1843) and the effect of a controlled saltwater backflush on their survival in an impounded freshwater lake." *Journal of Shellfish Research*. 30(3):905–914.
- Matthews, J., F.P.L. Collas, L. de Hoop, G. van der Velde, and R.S.E.W. Leuven. 2017. *Risk assessment of the alien Chinese mystery snail (Bellamya chinensis)*. Commissioned by the Invasive Species Team, Office for Risk Assessment and Research, Netherlands Food and Consumer Product Safety Authority.
- McKercher, L., and D.R. Gregoire. 2018. "*Lithobates catesbeianus* (Shaw, 1802)." *U.S. Geological Survey Nonindigenous Aquatic Species Database*.
<<https://nas.er.usgs.gov/queries/FactSheet.aspx?SpeciesID=71>>. Revised July 3.
- McMahon, R.F. 1979. "Response to temperature and hypoxia in the oxygen-consumption of the introduced Asiatic freshwater clam *Corbicula flumina* (Muller)." *Comparative Biochemistry and Physiology*. 63:383–388.
- McMahon, R.F. 2002. "Evolutionary and physiological adaptations of aquatic invasive animals: r selection versus resistance." *Canadian Journal of Fisheries and Aquatic Sciences*. 59:1235–1244.
- NAM. 2011. *Capitol Lake Weed Management Services, Bottom Screen Report*. Prepared by Northwest Aquatic Management. November 6.
- NAM. 2013. *Capitol Lake Weed Management Services: 2012 Annual Report*. Prepared by Northwest Aquatic Management. February 8.
- NAM. 2014. *Capitol Lake Weed Management Services: 2013 Annual Report*. Prepared by Northwest Aquatic Management. February 8.
- NAM. 2016. *Capitol Lake Weed Management Services: 2015 Annual Report*. Prepared by Northwest Aquatic Management. March 1.
- NAM. 2017. *Capitol Lake Weed Management Services: 2017 Annual Report*. Prepared by Northwest Aquatic Management. December 20.
- NAM. 2018. *Capitol Lake Weed Management Services: 2018 Annual Report*. Prepared by Northwest Aquatic Management. October 28.
- NAM. 2020. *Capitol Lake Weed Management Services: 2019 Annual Report*. Prepared by Northwest Aquatic Management. February 28.
- Nautilus Environmental. 2011. *Toxicity of Chemicals to New Zealand Mudsnails: Potential choices for eradication and disinfection*. Prepared by Nautilus Environmental. July 19.
- Nico, L., E. Manard, P.J. Schofield, M. Cannister, J. Larson, A. Fusaro, and M. Neilson. 2020. "*Cyprinus carpio* Linnaeus, 1758." *U.S. Geological Survey, Nonindigenous Aquatic Species Database*.
<<https://nas.er.usgs.gov/queries/factsheet.aspx?speciesID=4>>. Last accessed February 21, 2020.

- NOAA. 2020. "National Weather Service, Advanced Hydrologic Service: Deschutes River near Rainier." *National Oceanic and Atmospheric Administration*. Last accessed June 3, 2020. <<https://water.weather.gov/ahps2/hydrograph.php?wfo=sew&gage=dsrw1>>.
- NPS. 2019. "History of common carp in North America." *National Park Service, National River and Recreation Area of Minnesota*. <<https://www.nps.gov/miss/learn/nature/carphist.htm>>. Last accessed February 21, 2020.
- Paolucci, E.M., and E.V. Thuesen. 2020. "Effects of osmotic and thermal shock on the invasive aquatic mudsnail *Potamopyrgus antipodarum*: mortality and physiology under stressful conditions." *NeoBiota*. 54:1–22.
- Pearl, C.A., E.L. Bull, D.E., D.E. Green, J. Bowerman, M.J. Adams, A. Hyatt, and W.H. Wentz. 2007. "Occurrence of the amphibian pathogen *Batrachochytrium dendrobatidis* in the Pacific Northwest." *Journal of Herpetology*. 41(1):145–149.
- Pleus, A. 2016. *Capitol Lake New Zealand Mudsnail Management Options*. Washington Department of Fish and Wildlife, March 7, 2016.
- Ponder. 1988. "*Potamopyrgus antipodarum* – a Molluscan colonizer of Europe and Australia." *Journal of Molluscan Studies*. 54:271–285.
- Proctor, T., B. Kerans, P. Clancey, E. Ryce, M. Dybdahl, D. Gustafson, R. Hall, R. Pickett, D. Richards, R. Draheim, J. Chapman, R.H. Wiltshire, D. Becker, M. Anderson, B. Pitman, D. Lassuy, P. Heimowitz, P. Dwyer, and E. Levri. 2006. *National Management and Control Plan for the New Zealand Mudsnail (Potamopyrgus antipodarum)*. Prepared for the Aquatic Nuisance Species Task Force by the New Zealand Mudsnail Management and Control Plan Working Group. August.
- Richards, D.C. 2004. "New Zealand mud snail invades the Western United States." *Aquatic Nuisance Species*. 4:42–44.
- Riley, L.A., M.E. Dybdahl, and R.O. Hall, Jr. 2008. "Invasive species impact: asymmetric interactions between invasive and endemic freshwater snails." *Journal of the North American Benthological Society*. 27:509–520.
- RMI. 2001. *2001 Capitol Lake Integrated Purple Loosestrife Management Plan*. Prepared by RMI, Olympia, Washington.
- Sickel, J.B. 1986. "*Corbicula* population mortalities: factors influencing population control." *American Malacological Bulletin, Special Edition*. 2:89–94.
- Simenstad, C.A., C. Tanner, C. Crandell, J. White, and J. Cordell. 2005. "Challenges of habitat restoration in a heavily urbanized estuary: evaluating the investment." *Journal of Coastal Research*: 6-23.
- State of Michigan. 2020. Status and strategy for Asiatic clam management. <https://www.michigan.gov/documents/deq/wrd-ais-corbicula-fluminea_499879_7.pdf>. Last accessed February 20, 2020.

- Taylor, D.W. 1987. "Thousand Springs Preserve threatened or endangered snails." *Report to the Nature Conservancy*.
- Thurston County. 2020a. "Noxious Weeds & Lake Management." Thurston County, Washington. <<https://www.co.thurston.wa.us/tcweeds/>>. Last accessed January 31, 2020.
- Thurston County. 2020b. Show Me Everything Map. Thurston County Geodata Center. <<https://map.co.thurston.wa.us/Html5Viewer/Index.html?viewer=uMap.Main>>. Last accessed February 20, 2020.
- University of Washington. 2020. Invasive Marine Species: Washington State Priorities, Encyclopedia of Puget Sound, Puget Sound Institute, University of Washington. <<https://www.eopugetsound.org/magazine/invasive-marine-species>>. Last accessed April 15, 2020.
- USDA. 1999. "Executive Order 13112—Invasive Species." U.S. Department of Agriculture, National Invasive Species Information Center. <<https://www.invasivespeciesinfo.gov/executive-order-13112>>. Last accessed January 31, 2020.
- USDA. 2016. "Executive Order 13751—Safeguarding the Nation from the Impacts of Invasive Species." U.S. Department of Agriculture, National Invasive Species Information Center. <<https://www.invasivespeciesinfo.gov/executive-order-13751>>. Last accessed January 31, 2020.
- USDA. 2018. *Capitol Lake Nutria and Canada Goose Survey*. United States Department of Agriculture, Wildlife Services. April 25.
- USDA. 2020. "Introduced, Invasive, and Noxious Plants: Federal Noxious Weeds." United States Department of Agriculture, Natural Resources Conservation Service. <<https://plants.usda.gov/java/noxious>>. Last accessed February 20, 2020.
- USFWS. 2011. *Chinese mystery snail (Cipangopaludina chinensis): Ecological risk screening summary*. U.S. Fish and Wildlife Service. February.
- USFWS. 2019. *Yellow perch (Perca flavescens): Ecological risk screening summary*. U.S. Fish and Wildlife Service, March.
- USGS. 2020. NAS—Nonindigenous Aquatic Species Database, U.S. Geological Services. <<https://nas.er.usgs.gov/default.aspx>>. Last accessed February 20, 2020.
- Vinarski, M.V., and E.A. Serbina. 2012. Distribution and quantitative characteristics of common species of pond snails of the subgenera *Peregriana* and *Radix* (Mollusca: Gastropoda: Lymnaeidae) in waterbodies of the South of Western Siberia. *Inland Water Biology*. 5:37–44.
- Vinson, M.R., and M.A. Baker. 2008. "Poor growth of rainbow trout fed New Zealand mud snails *Potamopyrgus antipodarum*." *North American Journal of Fisheries Management*. 28:701–709.
- von Oheimb, P.V., L. Landler, and K.C.M. von Oheimb. 2016. "Cold snails in hot springs: observations from Patagonia and the Timbetan Plateau." *Malacologia*. 59:313–320.

- Wallace, C. 1978. "Notes on the distribution of sex and shell characteristics in some Australian populations of *Potamopyrgus* (Gastropoda: Hydrobiidae)." *Journal of Malacological Society of Australia*. 4:71–76.
- Way, C.M., J.D. Hornbach, C.A. Millerway, B.S. Payne, and A.C. Miller. 1990. "Dynamics of filter feeding in *Corbicula fluminea* (Bivalvia, Corbiculidae)." *Canadian Journal of Zoology*. 68:115–120.
- WAISP. 2020. Whatcom Boat Inspections Website. Whatcom Aquatic Invasive Species Program by Whatcom County, City of Bellingham, and Lake Whatcom Water and sewer District, Bellingham, Washington. <<https://whatcomboatinspections.com>>. Last accessed April 15, 2020.
- WDFW. 2016a. *Capitol Lake New Zealand Mudsail Management Options*. Washington Department of Fish and Wildlife. February
- WDFW. 2016b. *Invasive Species Management Protocols, DRAFT Version 3*. Washington Department of Fish and Wildlife. March 7.
- WDFW. 2020a. Aquatic invasive species prevention permit. Washington Department of Fish and Wildlife. <<https://wdfw.wa.gov/species-habitats/invasive/permits>>. Last accessed January 31, 2020.
- WDFW. 2020b. *Aquatic Invasive Species*. Washington Department of Fish and Wildlife. <<https://wdfw.wa.gov/species-habitats/invasive>>. Last accessed February 20, 2020.
- WDFW. 2020c. *Species in Washington: Canada geese*. Washington Department of Fish and Wildlife. <<https://wdfw.wa.gov/species-habitats/species/branta-canadensis#conflict>>. Last accessed February 20, 2020.
- WDGA. 2005. *Capitol Lake Adaptive Management Plan: 2005 Annual Report*. Washington Department of General Administration.
- WDNR. 2020. *Washington Marine Vegetation Atlas*. Washington Department of Natural Resources. <<http://mva.apphb.com/index.html>>. Last accessed February 20, 2020.
- WISC. 2020a. *New Zealand Mud Snail*. Washington Invasive Species Council. <<https://invasivespecies.wa.gov/priorityspecies/new-zealand-mud-snail/>>. Last accessed January 31, 2020.
- WISC. 2020b. *Nutria*. Washington Invasive Species Council. <<https://invasivespecies.wa.gov/priorityspecies/nutria/>>. Last accessed April 7, 2020.
- WISC. 2020c. *Priority Species*. Washington Invasive Species Council. <<https://invasivespecies.wa.gov/find-a-priority-species/>>. Last accessed April 7, 2020.
- Wittmann, M.E., S. Chandra, J.E. Reuter, S.G. Schladow, B.C. Allen, and K.J. Webb. 2012. "The control of an invasive bivalve, *Corbicula fluminea*, using gas impermeable benthic berries in a large natural lake." *Environmental Management*. 49:1163–1173.
- WNWCB. 2020. *Printable Noxious Weed List*. Washington State Noxious Weed Control Board. <<https://www.nwcb.wa.gov/printable-noxious-weed-list>>. Last accessed April 14, 2020.

Woods, C.A., L. Contreras, G. Willner-Chapman, and H.P. Whidden. 1992. "Myocastor coypus." *Mammalian Species*. 398:1–8.

Zaranko, D.T., D.G. Farara, and F.G. Thompson. 1997. "Another exotic Mollusk in the Laurentian Great Lakes: The New Zealand native NZ mudsnail (Gray 1843) (Gastropoda, Hydrobiidae)." *Canadian Journal of Fisheries and Aquatic Sciences*. 5(4):809–814.

Attachment 9, Fish and Wildlife Discipline Report

Ahlen, I., H.J. Baagøe, and L. Bach. 2009. Behavior of Scandinavian Bats during Migration and Foraging at Sea. *Journal of Mammalogy*. 90 (6). Pgs. 1318-1323. Available: <https://academic.oup.com/jmammal/article/90/6/1318/898402>.

Allen, H. 1994. The Mammals of Texas - Online Edition (On-line). Accessed: November 22, 1999. Available: <http://www.nsr.ttu.edu/tmot/myotyuma.htm>.

Alofs, K.M., and K.M. Polivka. 2004. Microhabitat-scale influences of resources and refuge on habitat selection by an estuarine opportunist fish. *Marine Ecology Progress Series*, 271, 297–306.

Alonso, A., and P. Castro-Díez. 2012. The exotic aquatic mud snail *Potamopyrgus antipodarum* (Hydrobiidae, Mollusca): state of the art of a worldwide invasion. *Aquatic Sciences*. 74:375–383. Bell, M.A. and S.A. Foster. 1994. *The Evolutionary Biology of the Threespine Stickleback*. New York: Oxford University Press.

Ancillotto L., J. Rydell, V. Nardone, and D. Russo. 2014. Coastal Cliffs on Islands as Foraging Habitat for Bats. *Acta Chiropterologica*. 16 (1). Pgs. 103-108. Available: <https://bioone.org/journals/acta-chiropterologica/volume-16/issue-1/150811014X683318/Coastal-Cliffs-on-Islands-as-Foraging-Habitat-for-Bats/10.3161/150811014X683318.short>.

Bat Conservation International (BCI). 2022. About Bats [web application]. Accessed: April 2022. Available: <https://www.batcon.org/>.

Barlow, P., and Reichard, E. 2010. Saltwater intrusion in coastal regions of North America. *Hydrogeology Journal*, 18(1), 247-260.

Bash, J., C.H. Berman, and S. Bolton. 2001. Effects of turbidity and suspended solids on salmonids. Center for Streamside Studies, University of Washington, Seattle, WA, November 2001. 72 pp.

Bax, N. J. 1982. Seasonal and annual variations in the movement of juvenile chum salmon through Hood Canal, Washington. Pages 208-218 in E.L. Brannon and E.O. Salo, editors. *Proceedings of the Salmon and Trout Migratory Behavior Symposium*, Seattle, WA: School of Fisheries, University of Washington.

Beamer, E.M., W.T. Zackey, D. Marks, D. Teel, D. Kuligowski, and R. Henderson. 2013. Juvenile Chinook Salmon Rearing in Small Non-Natal Streams Draining into the Whidbey Basin. Skagit River System Cooperative, LaConner, WA.

Bell, M.A., and S.A. Foster (editors). 1994. *The evolutionary biology of the threespine stickleback*. Oxford University Press, Oxford, UK. 584 pp.

- Bernholz, Charles D., and Robert J. Weiner, Jr. 2008. The Palmer and Stevens "Usual and Accustomed Places" Treaties in the Opinions of the Courts. *Government Information Quarterly*, No. 25, pp. 778-795.
- Bottom, D.L., C.A. Simenstad, J. Burke, A.M. Baptista, D.A. Jay, K.K. Jones, and M.H. Schiewe. 2005. *Salmon at river's end: The role of the estuary in the decline and recovery of Columbia River salmon* (NOAA Technical Memorandum NMFS-NWFSC-68). Washington, DC: US Department of Commerce.
- Brigham, R.M., H.D.J.N. Aldridge, and R.L. Mackey. 1992. Variation in Habitat Use and Prey Selection by Yuma Bats, *Myotis yumanensis*. *Journal of Mammalogy*, Volume 73, Issue 3. 21 August 1992. Pgs. 640–645. Available: <https://www.sandiegocounty.gov/content/dam/sdc/pds/ceqa/JVR/AdminRecord/IncorporatedByReference/Section-2-3---Biological-Resources-References/Brigham%20et%20al%201992.pdf>.
- BSG Ecology. 2015. Coastal Habitat use by Bat Species. Technical Report. Available: <http://www.bsg-ecology.com/wp-content/uploads/2015/10/Coastal-habitat-use-by-bat-species.pdf>.
- Burles, D.W., and D.W. Nagorsen. 2003. COSEWIC assessment and update status report on Keen's long-eared bat *Myotis keenii* in Canada. Canadian Wildlife Service, Ottawa, Ontario. Available: http://www.sararegistry.gc.ca/virtual_sara/files/cosewic/sr%5Fkeens%5Flongeared%5Fbat%5F%20Epdf.
- Campbell, L.A., A.M. Claiborne, and J.H. Anderson. 2017. Salish Sea Survival Project (4): 2017 Annual Report. Washington Department of Fish and Wildlife Fish Program, Science Division.
- Carlson, T.J., G.R. Ploskey, R.L. Johnson, R.P. Mueller, M.A. Weiland, and P.N. Johnson. 2001. Observations of the behavior and distribution of fish in relation to the Columbia River navigation channel and channel maintenance activities. Appendix A: Characterization of underwater infrasound generated by vibratory pile driving within the context of the characteristics of sound known to result in avoidance response by juvenile salmonids. Rep. prepared for the U.S. Army Corps of Engineers (Portland District), under a Related Services Agreement with the U.S. Department of Energy Contract DE-AC06-76RLO1830.
- Cascadia Research Collective. 2011. Cascadia Research – Winter Bativity in Western Washington - mid-November through mid- March Last update 20 Oct 2011. Available: <https://www.cascadiaresearch.org/cascadia-research-bat-work-publications-reports/cascadia-research-winter-bativity-western-washington>.
- Celedonia, M.T., R.A. Tabor, S. Sanders, D.W. Lantz, and J. Grettenberger. 2008a. Movement and habitat use of Chinook salmon smolts and two predatory fishes in Lake Washington and the Lake Washington Ship Canal. 2004-2005 Acoustic Tracking Studies. U.S. Fish and Wildlife Service, Lacey, Washington. 129 p. http://www.fws.gov/westwafwo/fisheries/Publications/2004_2005%20Acoustic%20Final%20Report.pdf
- Celedonia, M.T., R.A. Tabor, S. Sanders, S. Damm, T.M. Lee, D.W. Lantz, Z. Li, J. Pratt, B. Price, and L. Seyda. 2008b. Movement and Habitat Use of Chinook Salmon Smolts, Northern Pikeminnow,

- and Smallmouth Bass Near the SR 520 Bridge. U.S. Fish and Wildlife Service, Lacey, Washington. 139 pp. Available online at:
http://www.fws.gov/westwafwo/fisheries/Publications/20081008_Final_Draft_R2.pdf.
- CH2MHill. 1978. Water Quality in Capitol Lake, Olympia, Washington. Prepared for the Washington State Departments of Ecology and General Administration. Ecology Publ. No. 78-Eo7, Olympia, Washington. 115 pp.
- Chalifour, L., D.C. Scott, M. MacDuffee, S. Stark, J.F. Dower, T.D. Beacham, T.G. Martin, and J.K. Baum. 2020. *Chinook Salmon Exhibit Long-term Rearing and Early Marine Growth in the Fraser River, British Columbia, a Large Urban Estuary*. Canadian Journal of Fisheries and Aquatic Sciences 78(5):539-550.
- Chittenden C.M., S. Sura, K.G. Butterworth, K.F. Cubitt, N.P. Manel-La, S. Balfry., F. Økland, and R.S. McKinley. 2008. Riverine, estuarine and marine migratory behaviour and physiology of wild and hatchery-reared Coho salmon (*Oncorhynchus kisutch*) smolts descending the Campbell River, BC, Canada. Journal of Fish Biology. 72, 614-628.
- City of Olympia. 2015. Ecology Approved City of Olympia Shoreline Master Program. Available at:
<http://olympiawa.gov/~media/Files/CPD/SMP/2015EcologyApprvdSMP10082015/Binder10082015DOEApprvdSMPUpdteFig4101915.pdf?la=en>.
- City of Olympia. 2018. Storm and Surface Water Plan. Prepared by the City of Olympia, Water Resources Department. Adopted April 2018.
- City of Olympia. 2019. Olympia Critical Area and Shoreline GIS data. GIS data provided to Environmental Science Associates (ESA), Seattle, WA, by the City of Olympia.
- City of Tumwater. 2016. 2016 – 2036 Comprehensive Plan Available at:
<https://www.ci.tumwater.wa.us/departments/community-development/tumwater-comprehensive-plan>.
- City of Tumwater. 2019. Tumwater Critical Area and Shoreline GIS data. GIS data provided to Environmental Science Associates (ESA), Seattle, WA, by the City of Tumwater.
- City of Tumwater. 2020. Draft Urban Forestry Management Plan. Prepared by the City of Tumwater Tree Board. August 2020.
- Clark, T. 2015. Impacts of Saltwater Intrusion into an Urban Freshwater Lake. Prepared by King County Department of Natural Resources Water and Land Resources Division. Available at:
<https://your.kingcounty.gov/dnrp/library/water-and-land/lakes/Impacts-of-Saltwater-Intrusion-into-an-Urban-Freshwater-Lake-2015.pdf>
- Coast and Harbor Engineering. 2016. City of Olympia West Bay Environmental Restoration Assessment - Final Report. Prepared in association with JA Brennan Associates, GeoEngineers, Davido Consulting Group, and Environmental Science Associates for the City of Olympia. February 26, 2016.
- Confluence Environmental Company. 2015. Deschutes River Coho Salmon Biological Recovery Plan. Prepared for Squaxin Island Tribe Natural Resources Department. September 2015.

- Curtis, Matt, personal communication. Email exchange on May 30, 2019 between Matt Curtis, WDFW Region 6 Assistant Regional Habitat Program Manager and Jessi Massingale, Floyd Snider regarding shellfish occurrence.
- Dickison, J. Personal communication. Email exchange on July 22, 2020 between Jeff Dickison, Squaxin Island Tribe Assistant Natural Resources Director and Paul Schlenger, ESA fisheries biologist regarding historic salmon populations.
- Duffy-Anderson, J.T., and K.W. Able. 1999. Effects of municipal piers on the growth of juvenile fishes in the Hudson River Estuary: a study across a pier edge. *Marine Biology*. 133: 409–418.
- ECONorthwest. 2022. Economics Discipline Report for the Capitol Lake-Deschutes Estuary Long-Term Management Project Environmental Impact Statement. Prepared for Washington State Department of Enterprise Services. July.
- ECORP Consulting, Inc. 2009. Literature Review (for studies conducted prior to 2008): Fish Behaviour in Response to Dredging and Dredged Material Placement Activities (Contract No.W912P7-07-0079). Prepared for: US Army Corps of Engineers, San Francisco, CA. 48p + tables.
- Entranco. 1990. Capitol Lake Wetland Development Feasibility Study. Entranco Engineers. Bellevue, WA.
- Entranco. 1997. 1997 Capitol Lake Drawdown Monitoring Results: Capitol Lake Adaptive Management Plan. Prepared for the Capitol Lake Adaptive Management Plan Steering Committee, Entranco, Bellevue, WA. 30 pp. + appendices.
- Environmental Science Associates (ESA). 2022. Wetlands Discipline Report for the Capitol Lake-Deschutes Estuary Long-Term Management Project Environmental Impact Statement. Prepared for Washington State Department of Enterprise Services. July.
- Environmental Science Associates (ESA) and NW Vernacular. 2022. Cultural Resources Discipline Report for the Capitol Lake-Deschutes Estuary Long-Term Management Project Environmental Impact Statement. Prepared for Washington State Department of Enterprise Services. July.
- Falxa, G. 2004. Rethinking Yuma Bat and Little Brown Bat Foraging Endurance. Cascadia Research Collective, Olympia, WA. 2004 meeting of the Wash. Chapter of The Wildlife Society, Ellensburg, WA. Available: https://nwbats.com/woodard/3_ForagingEndurance_2004_WesternBatWorkingGroup.pdf.
- Falxa, G. 2005. Do Large Colonies Create Long Commutes? Examining Myotis Bat Foraging Distance and Duration. 2005 Western Bat Working Group meeting, Portland, OR. Available: https://nwbats.com/woodard/2_2005_Myotis_commute_poster_final.pdf.
- Falxa, G. 2007. Myotis bat utilization of Capitol Lake, Olympia, Washington. Unpublished report, Cascadia Research, Olympia, WA. 5 pp.
- Falxa, G. 2008. An Overview of an Extraordinary Colony of Myotis Bats [slide-deck]. Cascadia Research Collective, Olympia, Washington. Oral presentation to North American Symposium on Bats, Scranton, PA. Available: https://nwbats.com/woodard/1_Falxa_NASBR_2008_Fri-AM_Extraordinry-colony.pdf.

- Fenton, M., and R. Barclay. 1980. *Myotis lucifugus*. *Mammalian Species*, 142: 1-8.
- Freeman, R., personal communication. Meeting on April 7, 2022; information shared by Riley Freeman, WDFW, during meeting with EIS project team regarding northern pikeminnow presence and overall fish use in Capitol Lake Basin.
- Fletcher, J.J. 2017. *Habitat Use and Species Assemblage of Bats in a Northeastern Coastal Plain Ecosystem*. State University of New York, College of Environmental Science and Forestry. ProQuest Dissertations Publishing. Degree Year: 2017. 10642963. Available: <https://www.proquest.com/openview/8ad6ccc1039213394612c5cda4958ac7/1?pq-origsite=gscholar&cbl=18750>.
- Fresh, K.L. 2006. *Juvenile Pacific Salmon in Puget Sound*. Puget Sound Nearshore Partnership Report No. 2006-06. Published by Seattle District, U.S. Army Corps of Engineers, Seattle, WA.
- Fresh, K.L., M.N. Dethier, C.A. Simentstad, M. Logsdon, H. Shipman, Curtis D. Tanner, Tom M. Leschine, T.M. Mumford, G. Gelfenbaum, R. Shuman, and J.A. Newton. 2011. *Implications of Observed Anthropogenic Changes to the Nearshore Ecosystems in Puget Sound*. Puget Sound Nearshore Partnership Report No. 2011-03. Available online at: http://www.pugetsoundnearshore.org/technical_papers/implications_of_observed_ns_change.pdf.
- Frodge, J.D., D.A. Marino, G.B. Pauley, and G.L. Thomas. 1995. Mortality of largemouth bass (*Micropterus salmoides*) and steelhead trout (*Oncorhynchus mykiss*) in densely vegetated littoral areas tested using in situ bioassay. *Lake and Reservoir Management*. 11(2): 343-358.
- Fuss, H.J. 1982. *Age, growth and instream movement of Olympic Peninsula Coastal Cutthroat (Salmo clarki clarki)*. Master's thesis. University of Washington, Seattle.
- Garono, R.J., E. Thompson, and M. Koehler. 2006. *Deschutes River Estuary Restoration Study: Biological Conditions Report*. Prepared by Earth Design Consultants, Inc. Submitted to Thurston Regional Planning Council: Olympia, WA. 126 p.
- George, D.A., G. Gelfenbaum, G. Lesser and A. W. Stevens. 2006. *Hydrodynamics and sediment transport modeling*. USGS, Menlo Park, CA.
- Giger, R.D. 1972. *Ecology and management of Coastal Cutthroat Trout in Oregon*. Fisheries Research Report 6. Oregon State Game Commission, Corvallis.
- Gonsalves L., B. Law, C. Webb, and V. Monamy. 2012. *Are Vegetation Interfaces Important to Foraging Insectivorous Bats in Endangered Coastal Saltmarsh on the Central Coast of New South Wales?* *Pacific Conservation Biology*. 18 (4). Pgs. 282-292. Available: https://www.researchgate.net/publication/287239408_Are_Vegetation_interfaces_important_to_foraging_insectivorous_bats_in_endangered_coastal_saltmarsh_on_the_Central_Coast_of_New_South_Wales.
- Gonsalves, L., S. Lamb, C. Webb, B. Law, and V. Monamy. 2013. *Do Mosquitoes Influence Bat Activity in Coastal Habitats?* *Wildlife Research*. 40(1). Pgs. 10-24. 30 January 2013. Available: <https://doi.org/10.1071/WR12148>.

- Gregory, R.S. 1994. *The influence of ontogeny, perceived risk of predation, and visual ability on the foraging behavior of juvenile Chinook salmon*. Pages 271-284 in D.J. Stouder, K.L. Fresh, and R.J. Feller (eds.). *Theory and Application in Fish Feeding Ecology*. Belle Baruch Library in Marine Science Number 18. University of South Carolina Press, Columbia.
- Gregory, R.S., and C. Levings. 1998. *Turbidity reduces predation on migrating juvenile Pacific salmon*. *Transactions of the American Fisheries Society* 127:275-285.
- Groot, C., and L. Margolis, eds. 1991. *Pacific Salmon Life Histories*. University of British Columbia Press, Vancouver, British Columbia. 564 pp.
- Haring, D., and J. Konovsky. 1999. *Salmon Habitat Limiting Factors Report Water Resource Inventory Area 13*. Washington State Conservation Commission.
- Hastings, M.C., and A.N. Popper. 2005. *Effects of Sound on Fish*. California Department of Transportation Contract 43A0139, Task Order 1. Available from URL: http://www.dot.ca.gov/hq/env/bio/files/Effects_of_Sound_on_Fish23Aug05.pdf.
- Hayes, G., and G. J. Wiles. 2013. *Washington Bat Conservation Plan*. Washington Department of Fish and Wildlife, Olympia, Washington. 138+VIII PP. Available: <https://wdfw.wa.gov/sites/default/files/publications/01504/wdfwo1504.pdf>.
- Hayes, M.P, T. Quinn, and T.L. Hicks. 2008. *Implications of Capitol Lake Management for Fish and Wildlife*. Prepared for the Capitol Lake Adaptive Management Program Steering Committee. September 11, 2008.
- Healey, M.C. 1982. *Timing and relative intensity of size-selection mortality of juvenile chum salmon (Oncorhynchus keta) during early sea life*. *Canadian Journal of Fisheries and Aquatic Sciences*, vol. 39, no. 7, p 952-957.
- Heck, K.L., G. Hays, and R.J. Orth. 2000. *Critical evaluation of the nursery role hypothesis for seagrass meadows*. *Marine Ecology Progress Series*, 253, 123–136.
- Herrera Environmental Consultants, Inc. (Herrera). 2005. *Marine Shoreline Sediment Survey and Assessment Thurston County, Washington*. Prepared for Thurston Regional Planning Council. February 4, 2005.
- Herrera Environmental Consultants, Inc. (Herrera). 2022a. *Water Quality Discipline Report for the Capitol Lake-Deschutes Estuary Long-Term Management Project Environmental Impact Statement*. Prepared for Washington State Department of Enterprise Services. July.
- Herrera Environmental Consultants, Inc. (Herrera). 2022b. *Aquatic Invasive Species Discipline Report for the Capitol Lake-Deschutes Estuary Long-Term Management Project Environmental Impact Statement*. Prepared for Washington State Department of Enterprise Services. July.
- Horton, H.F. 1989. *Species profiles: Life histories and environmental requirements of coastal fishes and invertebrates (Pacific Northwest). Dover and rock soles*. U.S. Fish & Wildlife Service, Biological Report No. 82.

- Jeffries, S.J., P.J. Gearin, H.R. Huber, D.L. Saul, and D.A. Pruett. 2000. Atlas of Seal and Sea Lion Haulout Sites in Washington. Washington Department of Fish and Wildlife, Wildlife Science Division, 600 Capitol Way North, Olympia WA. pp. 150.
- Johnson, O.W., and seven coauthors. 1999. Status review of coastal cutthroat from Washington, Oregon, and California. U.S. Department of Commerce, NOAA Technical Memorandum NMFS-NWFSC-37.
- Kunz, T., E. Anthony, and W. Ramage. 1977. Mortality of Little Brown Bats Following Multiple Pesticide Applications. *Journal of Wildlife Management* 41 (1977): 476. Available: <https://www.semanticscholar.org/paper/Mortality-of-Little-Brown-Bats-Following-Multiple-Kunz-Anthony/9458e3c818decfb2454e374881e06ca90ec47825>.
- Lowery, G.R. 1975. The Alsea watershed study: part 1 - biological studies. Fisheries Research Report 9. Oregon Department of Fish and Wildlife, Portland, OR.
- Magnusson, A., and R. Hilborn. 2003. *Estuarine Influence on Survival Rates of Coho (Oncorhynchus kisutch) and Chinook Salmon (Oncorhynchus tshawytscha) Released from Hatcheries on the U.S. Pacific Coast*. *Estuaries* 26(4B):1094-1103.
- Marchesan, M., M. Spoto, L. Verginella, E. A. Ferrero. 2005. Behavioural effects of artificial light on fish species of commercial interest. *Fisheries Research* 73: 171–185
- Marr, Carolyn, Donna Hicks, and Kay Francis. 1980. The Chehalis People. Confederated Tribes of the Chehalis Reservation, Oakville, Washington.
- Mason Conservation District. 2004. Salmon habitat protection and restoration plan for Water Resource Inventory Area 14, Kennedy-Goldsborough.
- Mattern, M., D. Kingsley, C. Peichel, J. Boughman, F. Huntingford, S. Coyle, S. Ostlund-Nilsson, D. McLennan, B. Borg, I. Mayer, M. Pall, I. Barber, and I. Katsiadaki. 2007. Biology of the three-spined stickleback. Boca Raton: CRC Press. As cited in USGS (2020).
- McPhail, J.D. 1994. Speciation and the evolution of reproductive isolation in the sticklebacks (*Gasterosteus*) of south-western British Columbia, pp. 399–437 in *The Evolutionary Biology of the Threespine Stickleback*, edited by M.A. Bell & S.A. Foster. Oxford University Press, Oxford, UK.
- Mitsch, W.J., and J.G. Gosselink. 2015. *Wetlands*. 5th Ed., John Wiley & Sons, New York.
- Moffatt & Nichol. 2022. Basis of Design Report for Capitol Lake-Deschutes Estuary Long-Term Management Project Environmental Impact Statement. Prepared for Washington State Department of Enterprise Services.
- Moffatt & Nichol. 2022. Hydrodynamics and Sediment Transport Discipline Report for Capitol Lake-Deschutes Estuary Long-Term Management Project Environmental Impact Statement. Prepared for Washington State Department of Enterprise Services. July.
- Mongillo, P.E., and Hallock, M. 1999. Washington state status report for the Olympic mudminnow. Wash. Dept. Fish and Wildl., Olympia. 36 pp

- Myers, P., R. Espinosa, C.S. Parr, T. Jones, G.S. Hammond, and T.A. Dewey. 2022. The Animal Diversity Web [web application]. Accessed: April 2022. Available: <https://animaldiversity.org>.
- Nagorsen, D.W., and M. Brigham. 1993. Bats of British Columbia. In: Klinkenberg, Brian. (Editor) 2020. E-Fauna BC: Electronic Atlas of the Fauna of British Columbia [www.efauna.bc.ca]. Lab for Advanced Spatial Analysis, Department of Geography, University of British Columbia, Vancouver.
- National Marine Fisheries Service (NMFS). 1999. Endangered and Threatened Species: Threatened Status for Two ESUs of Chum Salmon in Washington and Oregon, for Two ESUs of Steelhead in Washington and Oregon, and for Ozette Lake Sockeye Salmon in Washington; Rules. Federal Register 50 CFR Part 223. Vol. 64, No. 57: 14508-14517. March 25, 1999.
- National Marine Fisheries Service (NMFS). 2005. Endangered and Threatened Wildlife and Plants: Endangered Status for Southern Resident Killer Whales, 70 Fed. Reg. 69,903. Nov. 18, 2005.
- National Marine Fisheries Service (NMFS). 2007. Endangered and Threatened Species: Final Listing Determination for Puget Sound Steelhead. Federal Register 72 FR 26722. May 11, 2007.
- National Oceanic and Atmospheric Administration (NOAA). 2016. Office of Coastal Management, C-CAP Land Cover Atlas <https://coast.noaa.gov/digitalcoast/tools/lca.html>.
- Nedeau, Ethan J., Allan K. Smith, Jen Stone, and Sarina Jepsen. 2009. Freshwater Mussels of the Pacific Northwest. Second edition. The Xerces Society, Portland, OR. 51 pp.
- Nelson, R.D., and D.A. Morency. 1986. Capitol Lake Restoration Project, Lake and Reservoir Management, 2:1, 377-381.
- Newcomb, T. W., and T A. Flagg. 1983. Some effects of Mt. St. Helens ash on juvenile salmon smolts. U.S. National Marine Fisheries Service Marine. Fisheries Review 45(2):8-12.
- Nightingale, B., and C.A. Simenstad. 2001. Overwater Structures: Marine Issues. Prepared for the Washington State Transportation Commission and Department of Transportation and in cooperation with the U.S. Department of Transportation, Federal Highway Administration. May 2001.
- Northwest Indian Fisheries Commission (NWIFC). 2020a. Understanding Tribal Treaty Rights in Western Washington. Available at: <https://nwifc.org/w/wp-content/uploads/2008/06/understand.jpg>.
- Northwest Indian Fisheries Commission. (NWIFC). 2020b. Statewide Integrated Fish Distribution (SWIFD) Web Map. Accessed July 15, 2020 at: <https://geo.nwifc.org/SWIFD/>.
- Orcutt, H.G. 1950. The life history of the starry flounder, *Platichthys stellatus* (Pallas). California Department of Fish and Game, Fish Bulletin 78:7-64.
- Penttila, D. 2007. Marine Forage Fishes in Puget Sound. Puget Sound Nearshore Partnership Report No. 2007-03. Published by Seattle District, U.S. Army Corps of Engineers, Seattle, Washington. Available online: http://www.pugetsoundnearshore.org/technical_papers/marine_fish.pdf.
- Pacific Northwest Native Freshwater Mussel Workgroup. 2008. March 4, 2008 Meeting.

- Pilon, L. Personal communication. Telephone conversation on July 24, 2020 between Lee Pilon, WDFW Tumwater Falls Lead Hatchery Technician, and Paul Schlenger, ESA fisheries biologist discussing historic salmon populations and salmon releases above the Tumwater Falls Hatchery.
- Price, C.S., and C.B. Schreck. 2003. *Stress and Saltwater-Entry Behavior of Juvenile Chinook Salmon (Oncorhynchus tshawytscha): Conflicts in Physiological Motivation*. Canadian Journal of Fisheries and Aquatic Sciences 60:910-918.
- Raines, M. 2007. Mainstem Deschutes River Bank Erosion: 1991 to 2003. Prepared by the Northwest Indian Fisheries Commission. Prepared for Squaxin Island Tribe and Washington Dept. of Ecology, Shelton/Olympia, WA.
- Reine, K.J., and D.G. Clarke. 1998. Entrainment by hydraulic dredges – A review of potential impacts, Technical Note DOER-E1 (pp. 1-14). U.S. Army Corps of Engineers, Engineer Research and Development Center, Vicksburg, MS.
- Reyff, J.A. 2006. Russian River Bridge at Geyserville: Underwater sound measurement data for driving permanent 48-inch CISS piles. Illingworth and Rodkin, Inc., Petaluma, CA.
- Roberts, M., A. Ahmed, G. Pelletier, and D. Osterberg. 2012. Deschutes River, Capitol Lake, and Budd Inlet Temperature, Fecal Coliform Bacteria, Dissolved Oxygen, pH, and Fine Sediment Total Maximum Daily Load Technical Report: Water Quality Study Findings. Washington State Department of Ecology Publication No. 12-03-008. Accessed at: <https://fortress.wa.gov/ecy/publications/SummaryPages/1203008.html>.
- Salo, E.O. 1991. Life history of Chum Salmon (*Oncorhynchus keta*), p. 231-309. In Groot, C. and L. Margolis (eds.), Pacific Salmon Life Histories. University of B.C. Press, Vancouver, B.C., Canada.
- Schlenger, P., A. MacLennan, E. Iverson, K. Fresh, C. Tanner, B. Lyons, S. Todd, R. Carman, D. Myers, S. Campbell, and A. Wick. 2011. Strategic Needs Assessment: Analysis of Nearshore Ecosystem Process Degradation in Puget Sound. Prepared for the Puget Sound Nearshore Ecosystem Restoration Project. Technical Report 2011-02.
- Schuett-Hames, D., and H. Flores. 1994. Final Report: The Squaxin Island Tribe/Thurston County Streambed Characterization Contract; 1992-93. Squaxin Island Tribe Natural Resources Department, Shelton.
- Sharpe C., C. Carr-Harris, M. Arbeider, S.M. Wilson, and J.W. Moore. 2019. *Estuary habitat associations for juvenile Pacific salmon and pelagic fish: Implications for coastal planning processes*. Aquatic Conservation: Marine and Freshwater Ecosystems 29 (10), 1636-1656.
- Simenstad, C.A., K.L. Fresh, and E.O. Salo. 1982. The role of Puget Sound and Washington coastal estuaries in the life history of Pacific salmon: an unappreciated function. In *Estuarine Comparisons*. Edited by V.S. Kennedy. Academic Press, New York, NY, p 343–364.
- Simenstad, C.A., D.A. Jay, and C.R. Sherwood. 1992. Impacts of watershed management on land-margin ecosystems: The Columbia River estuary as a case study. In R. Naimen, (editor), *New*

- perspectives for watershed management: balancing long-term sustainability with cumulative environmental change, p. 266-306. Springer-Verlag, New York.
- Simenstad, C.A., M. Ramirez, J. Burke, M. Logsdon, H. Shipman, C. Tanner, J. Tof, B. Craig, C. Davis, J. Fung, P. Bloch, K. Fresh, S. Campbell, D. Myers, E. Iverson, A. Bailey, P. Schlenger, C. Kiblinger, P. Myre, W. Gerstel, and A. MacLennan. 2011. Historical Change of Puget Sound Shorelines: Puget Sound Nearshore Ecosystem Project Change Analysis. Puget Sound Nearshore Report No. 2011-01. Published by Washington Department of Fish and Wildlife, Olympia, Washington, and U.S. Army Corps of Engineers, Seattle, Washington.
- South Puget Sound Salmon Recovery Group (SPSSRG). 2005. Chinook & Bull Trout Recovery Approach for the South Puget Sound Nearshore. Prepared for the Shared Strategy for Puget Sound.
- Southern Resident Orca Task Force. 2019. Final Report and Recommendations. Prepared by Cascadia Consulting Group. November 2019.
- Steltzner, S. 2003. Juvenile Salmonid Use of the South Sound Nearshore: 2003 Results: Progress Report. Squaxin Island Tribe. As cited in Hayes et al. (2008).
- Steltzner, S. 2007. Deschutes Chinook 2005 Acoustical Telemetry Report. Progress Report. Squaxin Island Tribe. As cited in Hayes et al. (2008).
- Steltzner, Scott. 2021. Personal communication from Scott Steltzner, Fisheries Biologist for the Squaxin Island Tribe, as email comments on the Draft CLDE EIS. July 27, 2021.
- Stinson, D.W., J.W. Watson, and K.R. McAllister. 2001. Washington State Status Report for the Bald Eagle. Washington Department of Fish and Wildlife, Olympia, WA. 92 pp.
- St. John, M.A., J.S. Macdonald, P.J. Harrison, R.J. Beamish, and E. Choromanski. 1992. *The Fraser River plume: Some preliminary observations on the distribution of juvenile salmon, herring, and their prey*. Fisheries Oceanography, 1, 153–162
- Tabor, R.A., H.A. Gearns, C.M. McCoy III, and S. Camacho. 2006. Nearshore Habitat Use by Juvenile Chinook Salmon in Lentic Systems of the Lake Washington Basin: Annual Report, 2003 and 2004. U.S. Fish and Wildlife Service, Lacey, Washington.
- Teachout, E. 2007. Draft: Evaluating the Effects of Elevated Sound Pressure Levels from Pile Driving on the Marbled Murrelet and the Bull Trout. Unpublished draft report, revised on June 4, 2007. U.S. Fish and Wildlife Service, Western Washington Fish and Wildlife Office, Olympia, Washington.
- Thorpe, J.E. 1994. Salmonid fishes and the estuarine environment. Estuaries 17(1A):76-93.
- Thurston Conservation District Lead Entity (TCDLE). 2004. Salmon Habitat Protection and Restoration Plan for Water Resource Inventory Area 13, Deschutes. July 2004.
- Thurston County. 2006. Thurston County Water Resources Monitoring Report, 2003-2004 Water Year, 2004-2005 Water Year, Report Includes: Water Quality of Streams and Lakes. Prepared in cooperation with the City of Olympia Public Works, City of Lacey Public Works, City of Tumwater Public Works, and Ecology. Olympia, Washington. 335 pp. Available at <http://www.co.thurston.wa.us/health/ehrp/annualreport.html>.

- Thurston County. 2017. Thurston County Water Resources Monitoring Report: 2014-2015 and 2015-2016 Water Years. Prepared by: Thurston County Public Health and Social Services Department, Environmental Health Division and Thurston County Resource Stewardship Department, Water Resources Division. October.
- Thurston County Natural Resources. 2019. Critical Areas Data. Data provided to Environmental Science Associates (ESA), Seattle, WA, by Thurston County and available at: <https://map.co.thurston.wa.us/Html5Viewer/Index.html?viewer=uMap.Main>.
- Thurston Regional Planning Council (TRPC). 2008. Shoreline Inventory for the Cities of Lacey, Olympia, and Tumwater and their Urban Growth Areas. Olympia, Washington.
- Tipping, J.M. 1981. Cowlitz sea-run Cutthroat study. Report 81-12. Washington Department of Game, Olympia.
- Tobin, A. 2020. What Happens to Bats in the Pacific Northwest Winter? Washington Ecological Services Office, USFWS. Nov. 12, 2020. Available: <https://usfws.medium.com/what-happens-to-bats-in-the-pacific-northwest-winter-5c47b4ed2827>.
- Topping, P. 2019. pers. comm. Email from Pete Topping (WDFW) to Jessi Massingale (Floyd|Snider) describing adult and juvenile fish catches at the Deschutes River juvenile salmon fish trap. June 21, 2019.
- Towanda, T., and G. Falxa. 2007. Emergence and foraging patterns of *Myotis lucifugus* and *M. yumanensis* bats in the southern Puget Sound region. Northwest Science/Soc. Northwest Vertebrate Biology joint meeting. Victoria, B.C., Canada.
- Trotter, P.C. 1989. Coastal Cutthroat Trout: life history and compendium. Transactions of American Fisheries Society 118:463-473.
- U.S. Army Corps of Engineers (USACE). 2012. Supplement to the Programmatic Biological Evaluation for Maintenance Dredging of the Swinomish Channel, Washington. February 2012.
- U.S. Fish and Wildlife Service (USFWS). 1998. Endangered and threatened wildlife and plants; proposal to list the Coastal Puget Sound, Jarbridge River, and St. Mary-Belly River population segment of bull trout as threatened species. Proposed rule June 10, 1998. Federal Register 63(111):31693-31710.
- U.S. Fish and Wildlife Service (USFWS). 1999. Endangered and threatened wildlife and plants; determination of threatened status for bull trout in the coterminous United States. Final rule November 1, 1999. Federal Register 64(210):58910-58933.
- U.S. Fish and Wildlife Service (USFWS). 2005. Endangered and threatened wildlife and plants; Designation of critical habitat for the Klamath River and Columbia River Populations of Bull Trout (*Salvelinus confluentus*). Final Rule. Federal Register 69(193):56211-56311.
- U.S. Fish and Wildlife Service (USFWS). 2019. National Wetlands Inventory, Wetlands Mapper. Available at: <http://www.fws.gov/wetlands/Data/Mapper.html>. Accessed: February 2019.

- U.S. Fish and Wildlife Service (USFWS). 2022. Information for Planning and Consultation (IPaC). Available: <https://ipac.ecosphere.fws.gov/>.
- U.S. Geological Survey (USGS). 2006. Coastal Habitats in Puget Sound. Technical Report 2006-1.
- U.S. Geological Survey (USGS). 2020. Nonindigenous Aquatic Species Database. Gainesville, Florida. Accessed [6/22/2020]. <https://nas.er.usgs.gov/about/default.aspx>.
- U.S. Navy 1990. Final environmental impact statement for proposed new dredging. U.S. Navy Military Construction Projects P-202 (Naval Air Station Alameda) and P-082 (Naval Supply Center Oakland). U.S. Navy, Western Division Naval Facility Engineering Command.
- Vinson, M.R., and M.A. Baker. 2008. Poor growth of rainbow trout fed New Zealand mud snails *Potamopyrgus antipodarum*. *North American Journal of Fisheries Management*. 28:701–709.
- Washington Department of Fish and Wildlife (WDFW). 2000. Washington State Salmonid Stock Inventory – Coastal Cutthroat Trout. June 2000. Olympia, WA.
- Washington Department of Fish and Wildlife (WDFW). 2001. Aquatic Nuisance Species Management Plan. Coordinated by Pamala Meacham of the Washington Department of Fish and Wildlife for The Washington Aquatic Nuisance Species Coordinating Committee. October.
- Washington Department of Fish and Wildlife (WDFW). 2005a,b. Hatchery Genetic Management Plans for WDFW Puget Sound Hatchery Programs Provided for Public Comment - Tumwater Falls Fall Chinook Fingerling and Yearling Program. Accessed July 15, 2020 at: <https://www.fws.gov/pacific/fisheries/hatcheryreview/Reports/leavenworth/MC--021WDFW%20--%20Hatchery%20Genetic%20Management%20Plans%20for%20WDFW%20Hatchery%20Programs.htm>. Olympia, WA.
- Washington Department of Fish and Wildlife (WDFW). 2020a. Tumwater Falls Hatchery. Accessed June 23, 2020 at: https://fortress.wa.gov/dfw/score/score/hatcheries/hatchery_details.jsp?hatchery=Tumwater%20Falls%20Hatchery. Olympia, WA.
- Washington Department of Fish and Wildlife (WDFW). 2020b. Hatchery Escapement Reports. Accessed June 23, 2020 at: <https://wdfw.wa.gov/fishing/management/hatcheries/escapement#weekly-reports>. Olympia, WA.
- Washington Department of Fish and Wildlife (WDFW). 2020c. Forage Fish Spawning Map. Available at: <https://www.arcgis.com/home/webmap/viewer.html?webmap=19b8f74e2d41470cbd80b1af8dedd6b3>. Accessed July 20, 2020.
- Washington Department of Fish and Wildlife (WDFW). 2020d. SalmonScape Database. Available at: <http://apps.wdfw.wa.gov/salmonscape/map.html>. Accessed June 23, 2020.
- Washington Department of Fish and Wildlife (WDFW). 2020e. Priority Habitats and Species (PHS) on the Web. Available at: <https://geodataservices.wdfw.wa.gov/hp/phs/>. Accessed on June 23, 2020.

- Washington Department of Fish and Wildlife (WDFW) and Northwest Indian Fisheries Commission (NWIFC). 2020. Statewide Washington Integrated Fish Distribution (SWIFD) database.
- Washington Department of Fish and Wildlife (WDFW) and Washington Department of Fish and Wildlife and Western Washington Treaty Indian Tribes (WWTIT). 1994. 1992 Washington State Salmon and Steelhead Stock Inventory.
- Washington Department of Fish and Wildlife (WDFW). 2022a. Washington State Fish Passage Web Application. Available at: <https://geodataservices.wdfw.wa.gov/hp/fishpassage/index.html>. Accessed May 1, 2022.
- Washington Department of Fish and Wildlife (WDFW). 2022b. Species and Habitats. Accessed June 02, 2022: <https://wdfw.wa.gov/species-habitats/species/anodonta-nuttalliana>.
- Washington Department of Fish and Wildlife (WDFW). 2022c. Little Brown Bat (*Myotis lucifugus*). Species in Washington. Species & Habitats. Accessed: March 2022. Available: <https://wdfw.wa.gov/species-habitats/species/myotis-lucifugus#desc-range>.
- Washington Department of Fish and Wildlife (WDFW). 2022d. Yuma Myotis (bat) (*Myotis yumanensis*). Species in Washington. Species & Habitats. Accessed: March 2022. Available: <https://wdfw.wa.gov/species-habitats/species/myotis-yumanensis#desc-range>.
- Washington Department of Natural Resources (DNR). 2020. Natural Heritage Program. Available at: <https://www.dnr.wa.gov/NHPdata>.
- Washington Invasive Species Council (WISC). 2020. Priority Species. <https://invasivespecies.wa.gov/find-a-priority-species/>. Last accessed July 17, 2020.
- Washington State Attorney General's Office. 2007. In WSDOT Model Comprehensive Tribal Consultation Process for the National Environmental Policy Act, Appendix B. Available at: <https://wsdot.wa.gov/sites/default/files/2018/04/16/TribalManual.pdf>.
- Washington State Department of Ecology (Ecology). 2009. Washington State Tribal Reservations and Draft Treaty Ceded Areas. Available at: https://fortress.wa.gov/ecy/gispublic/DataDownload/map_TribalReservationTreatyCeded_statewide.pdf.
- Washington State Department of Ecology (Ecology). 2015a. Inventory of Dams in the State of Washington. Dam Safety Office. Publication #94-16.
- Washington State Department of Ecology (Ecology). 2015b. Deschutes River, Capitol Lake, and Budd Inlet Total Maximum Daily Load Study - Supplemental Modeling Scenarios. Publication No. 15-03-002. September 2015.
- Washington State Department of Ecology (Ecology). 2020a. Washington State's Marine Water Quality Assessment 305(b) report and 303(d) list. Accessed June 30, 2020 from: <http://www.ecy.wa.gov/programs/wq/303d/currentassessmt.html>.
- Washington State Department of Ecology (Ecology). 2020b. Washington State Coastal Atlas Mapper. Available at: <https://fortress.wa.gov/ecy/coastalatlasmapper/Map.aspx>. Accessed July 20, 2020.

- Washington State Department of Ecology (Ecology). 2022. DRAFT Budd Inlet Total Maximum Daily Load for Dissolved Oxygen: Water Quality Improvement Plan and Implementation Report. Ecology Publication 22-10-012. Washington Department of Ecology.
- Washington State Department of Transportation (WSDOT). 2020. Advanced Training Manual, Biological Assessment Preparation for Transportation Projects. Olympia, Washington. Available at: <https://www.wsdot.wa.gov/Environment/Biology/BA/BAguidance.htm>.
- Washington State Governor's Office of Indian Affairs. 2020. Treaty of Medicine Creek, 1854 (website). Available at: <https://goia.wa.gov/tribal-government/treaty-medicine-creek-1854>.
- Weitkamp, L.A., T.C. Wainwright, G.J. Bryant, G.B. Milner, D.J. Teel, R.G. Kope, and R.S. Waples. 1995. Status review of coho salmon from Washington, Oregon, and California. NOAA Technical Memorandum NMFS-NWFSC-24.
- Wenger, A.S. et al. 2017. A critical analysis of the direct effects of dredging on fish. *Fish and Fisheries*. 18, 967–985.
- Whitaker, J. 1996. National Audubon Society Field Guide to North American Mammals. New York: Alfred A. Knopf, Inc.
- Wiles, G.J. 2016. Periodic status review for the killer whale in Washington. Washington Department of Fish and Wildlife, Olympia, Washington. 26+iii pp.
- Williams, R.W., R.M. Laramie, and J.J. Ames. 1975. A Catalog of Washington Streams and Salmon Utilization. Washington Department of Fisheries.
- Williams, G.D., J.C. Thomason, D.K. Shreffler, S.L. Southard, L.K. O'Rourke, S.L. Sargeant, V.I. Cullinan, R.A. Moursund, and M. Stamey. 2003. Assessing overwater structure-related predation risk on juvenile salmon: field observations and recommended protocols. Washington State Dept. of Transportation, Olympia, WA; Springfield, VA.
- Wootton, R.J. 1976. *The Biology of the Sticklebacks*. Academic Press, New York, NY. As cited in USGS (2020).
- Wydoski, R.S., and R.R. Whitney. 2003. *Inland Fishes of Washington, Second Edition Revised and Expanded*. Published by American Fisheries Society in association with University of Washington Press.

Attachment 10, Wetlands Discipline Report

- City of Olympia. 2007. *Existing Conditions Report West Bay Park Phase I Improvements*. Prepared by Anchor Environmental LLC. October.
- City of Olympia. 2015. Ecology Approved City of Olympia Shoreline Master Program. <http://olympiawa.gov/~media/Files/CPD/SMP/2015EcologyApprvdSMP10082015/Binder10082015DOEApprvdSMPUpdteFig4101915.pdf?la=en>. Last accessed June 2020.
- City of Olympia. 2016. *West Bay Environmental Restoration Assessment*. Final Report. Prepared by Coast & Harbor Engineering. February.

- City of Olympia. 2019. Olympia Critical Area and Shoreline GIS data. GIS data provided to Environmental Science Associates (ESA), Seattle, WA, by the City of Olympia.
- City of Tumwater. 2014 (amended 2019). Shoreline Master Program.
<https://www.ci.tumwater.wa.us/home/showdocument?id=20282>. Last accessed June 2020.
- City of Tumwater. 2015. *Tumwater Brewery Planned Action Final EIS*.
<https://www.ci.tumwater.wa.us/home/showdocument?id=8603>. Appendix F: Old Brewhouse Wetland and Shoreline Report (2015)
- City of Tumwater. 2019. Tumwater Critical Area and Shoreline GIS data. GIS data provided to Environmental Science Associates (ESA), Seattle, WA, by the City of Tumwater.
- Coast and Harbor Engineering. 2016. *City of Olympia West Bay Environmental Restoration Assessment - Final Report*. Prepared in association with JA Brennan Associates, GeoEngineers, Davido Consulting Group, and Environmental Science Associates for the City of Olympia. February 26, 2016.
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. *Classification of Wetlands and Deepwater Habitats of the United States*. FWS/OBS-79/31. U.S. Fish and Wildlife Service.
- Entranco Engineers, Inc. (Entranco). 1990. *Capitol Lake Wetland Development Feasibility Analysis*. Prepared for the Washington State Department of General Administration. November.
- Entranco Engineers, Inc. (Entranco). 1998. *Capitol Lake Adaptive Management Plan Draft Environmental Impact Statement*. Prepared for the Washington State Department of General Administration. October.
- Environmental Laboratory. 1987. Corps of Engineers Wetlands Delineation Manual. Available at: <http://www.cpe.rutgers.edu/wetlands/1987-army-corps-wetlands-delineation-manual.pdf>.
- Environmental Science Associates (ESA). 2022. *Fish and Wildlife Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. July.
- Environmental Science Associates (ESA) and NW Vernacular. 2022. *Cultural Resources Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. July.
- Federal Register. 1982. Title 33: Navigation and Navigable Waters; Chapter II, Regulatory Programs of the Corps of Engineers. Vol. 47, No. 138, p. 31810. U.S. Government Printing Office, Washington, DC.
- Federal Register. 1986. 33 CFR Parts 320 through 330: Regulatory Programs of the Corps of Engineers; Final Rule. Vol. 51, No. 219, pp. 41206-41260. U.S. Government Printing Office, Washington, DC.
- Fresh K., M. Dethier, C. Simenstad, M. Logsdon, H. Shipman, C. Tanner, T. Leschine, T. Mumford, G. Gelfenbaum, R. Shuman, J. Newton. 2011. *Implications of Observed Anthropogenic Changes to the nearshore Ecosystems in Puget Sound*. Prepared for the Puget Sound Nearshore Ecosystem Restoration Project. Technical Report 2011-03.

- Fresh, K., C. Simenstad, J. Brennan, M. Dethier, G. Gelfenbaum, F. Goetz, M. Logsdon, D. Myers, T. Mumford, J. Newton, H. Shipman, C. Tanner. 2004. *Guidance for protection and restoration of the nearshore ecosystems of Puget Sound*. Puget Sound Nearshore Partnership Report No. 2004-02.
- Garono, R.J., E. Thompson, and M. Koehler, Earth Design Consultants, Inc. 2006. *Deschutes River Estuary Restoration Study: Biological Conditions Report*. Submitted to Thurston Regional Planning Council: Olympia, WA. 126 p
- Hayes, M.P, T. Quinn, and T.L. Hicks. 2008. *Implications of Capitol Lake Management for Fish and Wildlife*. Prepared for the Capitol Lake Adaptive Management Program Steering Committee. September 11, 2008.
- Herrera Environmental Consultants (Herrera). 2005. *Marine shoreline sediment survey and assessment - Thurston County, Washington*. Prepared for Thurston Regional Planning Council, Olympia, WA.
- Herrera Environmental Consultants (Herrera). 2022a. *Aquatic Invasive Species Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. July.
- Herrera Environmental Consultants (Herrera). 2022b. *Water Quality Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. July.
- Hruby, T. 2015. Washington State Wetland Rating System for Western Washington: 2014 Update. Washington Department of Ecology (Publication #14-06-029). Olympia, WA. Available at: <https://fortress.wa.gov/ecy/publications/SummaryPages/1406029.html>.
- Lacey, Olympia, Tumwater, Thurston County Partnership (LOTT). 1998. *Budd Inlet Scientific Study Final Report*. Volume 1 of 2. Prepared by Aura Nova Consultants, Brown and Caldwell, Inc., Evans-Hamilton, Inc., JE Edinger and Associates, Washington State Department of Ecology, and Dr. Alan Devol, University of Washington. August.
- Mitsch, W.J., and J.G. Gosselink. 2015. *Wetlands*. 5th Ed., John Wiley & Sons, New York.
- Northwest Aquatic Management. 2018. *Capitol Lake Weed Management Services: 2018 Annual Report*. Prepared by Northwest Aquatic Management. October 28.
- Schlenger, P., A. MacLennan, E. Iverson, K. Fresh, C. Tanner, B. Lyons, S. Todd, R. Carman, D. Myers, S. Campbell, and A. Wick. 2011. *Strategic Needs Assessment: Analysis of Nearshore Ecosystem Process Degradation in Puget Sound*. Prepared for the Puget Sound Nearshore Ecosystem Restoration Project. Technical Report 2011-02.
- Simenstad, C.A., M. Ramirez, J. Burke, M. Logsdon, H. Shipman, C. Tanner, J. Tof, B. Craig, C. Davis, J. Fung, P. Bloch, K. Fresh, S. Campbell, D. Myers, E. Iverson, A. Bailey, P. Schlenger, C. Kiblinger, P. Myre, W. Gerstel, and A. MacLennan. 2011. *Historical Change of Puget Sound Shorelines: Puget Sound Nearshore Ecosystem Project Change Analysis*. Puget Sound Nearshore Report No. 2011-01. Published by Washington Department of Fish and Wildlife, Olympia, Washington, and U.S. Army Corps of Engineers, Seattle, Washington.
- Thurston County Natural Resources. 2019. Critical Areas Data. Data provided to Environmental Science Associates (ESA), Seattle, WA, by Thurston

- County. <https://map.co.thurston.wa.us/Html5Viewer/Index.html?viewer=uMap.Main>. Last accessed May 2020.
- Thurston Regional Planning Council (TRPC). 2006. Shoreline inventory reach data and GIS polygons.
- Thurston Regional Planning Council (TRPC). 2008. Shoreline Inventory for the Cities of Lacey, Olympia, and Tumwater and their Urban Growth Areas. Olympia, Washington.
- U.S. Army Corps of Engineers (Corps). 2010. Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Western Mountains, Valleys, and Coast Region. Version 2. Wetlands Regulatory Assistance Program. May 2010. ERDC/EL TR-10-3. Available at: http://www.usace.army.mil/CECW/Documents/cecwo/reg/west_mt_finalsupp.pdf.
- U.S. Army Corps of Engineers (Corps). 2011. Qwuloolt Section 544 Ecosystem Restoration Project. Final Environmental Assessment. Marysville, Washington. https://salishsearestoration.org/images/9/91/USACE_2011_qwuloolt_environmental_assessment.pdf. Last accessed July 2020.
- U.S. Fish and Wildlife Service (USFWS). 2004. Nisqually National Wildlife Refuge. Final Comprehensive Conservation Plan and Environmental Impact Statement. U.S. Department of the Interior. Thurston and Pierce Counties, Washington. https://www.fws.gov/uploadedFiles/Region_1/NWRS/Zone_2/Nisqually_Complex/Nisqually/Documents/Nisqually_NWR_fCCPEIS_no_figures.pdf. Last accessed June 2020.
- U.S. Fish and Wildlife Service (USFWS). 2019. National Wetlands Inventory, Wetlands Mapper. Available at: <http://www.fws.gov/wetlands/Data/Mapper.html>. Last accessed: February 2019.
- Washington State Department of Ecology (Ecology), U.S. Army Corps of Engineers (Corps), and U.S. Environmental Protection Agency (EPA). 2006. Wetland Mitigation in Washington State. Part 1: Agency Policies and Guidance. Publication # 06-06-011a. March 2006. Available at: <https://dupont.civicweb.net/document/38712>.
- Washington State Department of Enterprise Services (Enterprise Services). 2020. "Visit the Washington State Capitol - Deschutes Parkway and Interpretive Center." <https://des.wa.gov/services/facilities-leasing/capitol-campus/parks-and-attractions/deschutes-parkway-and-interpretive-center>. Last accessed August, 2020.
- Washington Department of Fish and Wildlife (WDFW). 2015. High-Resolution Land Cover (HRLC) data.
- Washington Department of Fish and Wildlife (WDFW). 2019. Priority Habitats and Species (PHS) database. Available at: <http://apps.wdfw.wa.gov/phsontheweb/>.
- Washington State Department of General Administration. 1996. *Draft Environmental Impact Statement for Heritage Park*. Prepared by The Portico Group. Seattle. June.
- Washington State Department of Natural Resources (DNR). 2011. Washington LiDAR Portal. Available at: <http://lidarportal.dnr.wa.gov/>.

Attachment 11, Air Quality and Odor Discipline Report

- Associated General Contractors of Washington Education Foundation and Fugitive Dust Task Force. 1997. *Guide to Handling Fugitive Dust from Construction Projects*. Seattle, Washington. <<https://www.wsdot.com/sites/default/files/2018/04/10/ENV-ANE-AGCFugitiveDustGuide.pdf>>. Last accessed June 2020.
- Agency for Toxic Substance and Disease Registry (ATSDR). 2016. Toxicological Profile for Hydrogen Sulfide / Carbonyl Sulfide, Agency for Toxic Substances & Disease Registry. November 2016. <<https://www.atsdr.cdc.gov/ToxProfiles/tp114.pdf>>. Last accessed May 2020.
- Aneja, Viney P., Arun P. Aneja, and Donald F. Adams. 1982. "Biogenic sulfur compounds and the global sulfur cycle." *Journal of the Air Pollution Control Association* 32.8: 803-807.
- Graham, J.L., K.A. Loftin, M.T. Meyer, and A.C. Ziegler. 2010. "Cyanotoxin mixtures and taste-and-odor compounds in cyanobacterial blooms from the Midwestern United States." *Environmental Science and Technology*. doi:10.1021/es1008938.
- Hulse-Moyer, L. 2013. State Implementation Plan Revision: Thurston County, Washington Second 10-Year Limited Maintenance Plan for PM₁₀. Washington Department of Ecology. Publication number: 13-02-008. <<https://fortress.wa.gov/ecy/publications/documents/1302008.pdf>>. Last accessed May 2020.
- Intergovernmental Panel on Climate Change (IPCC). 2013. *Climate Change 2013: The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change* [Stocker, T.F., D. Qin, G.-K.
- Manning, J. 2008. "Climate Change" – *SEPA Environmental Review of Proposals*. April 30, 2008. U.S.
- Poffenbarger, H.J., B.A. Needelman, and J.P. Megonigal. 2011. Salinity Influence on Methane Emissions from Tidal Marshes. *Wetlands* 31, 831–842 (2011). <<https://doi.org/10.1007/s13157-011-0197-0>>. Last accessed May 2020.
- Thurston Regional Planning Council (TRPC). 2018. Thurston Climate Adaptation Plan (TCAP): Climate Resilience Actions for Thurston County and South Puget Sound. <<https://www.trpc.org/580/Thurston-Climate-Adaptation-Plan>>. Last accessed May 2020.
- Thurston Regional Planning Council (TRPC) 2020. Thurston Climate Mitigation Plan (TCMP): Framework for Climate Mitigation Action for Thurston County and the Cities of Lacey, Olympia and Tumwater. December 2020. <<https://www.trpc.org/1026/Final-Plan>>. Last accessed January 2021.
- United States Fish and Wildlife Service (USFWS). 2012. "Estuary." Billy Frank Jr. Nisqually. National Wildlife Refuge, Washington. <https://www.fws.gov/refuge/Billy_Frank_Jr_Nisqually/wildlife_and_habitat/habitat/estuary.html>. Last accessed June 2020.
- United States Environmental Protection Agency (USEPA). 2019. *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2017*. EPA 430-R-19-001.

- <<https://www.epa.gov/ghgemissions/inventory-us-greenhouse-gas-emissions-and-sinks-1990-2017>>. Last accessed May 2020.
- United States Environmental Protection Agency (USEPA). 2020. *Methodologies for Estimating Port-Related and Goods Movement Mobile Source Emission Inventories*. Office of Transportation and Air Quality, February 2020.
- United States Environmental Protection Agency (USEPA). 2020a. *Emissions Factors for Greenhouse Gas Inventories*. Last modified March 26, 2020. <<https://www.epa.gov/sites/production/files/2020-04/documents/ghg-emission-factors-hub.pdf>>. Last accessed May 2020.
- United States Fish and Wildlife Service (USFWS). 2012. "Estuary." Billy Frank Jr. Nisqually. National Wildlife Refuge, Washington. <https://www.fws.gov/refuge/Billy_Frank_Jr_Nisqually/wildlife_and_habitat/habitat/estuary.html>. Last accessed June 2020.
- Washington State Department of Ecology (Ecology). 2017. "2017 Greenhouse gas Data." Washington State Greenhouse Gas Data. <<http://ecology.wa.gov/Air-Climate/Climate-change/Greenhouse-gases/2017-greenhouse-gas-data>>. Last accessed May 2020.
- Washington State Department of Ecology (Ecology). 2015. "Washington's greenhouse gas inventory." <<https://ecology.wa.gov/Air-Climate/Climate-change/Greenhouse-gases/Greenhouse-gas-reporting/Inventories>>. Last accessed June 2020.
- Washington Department of Ecology (Ecology). 2020. State Implementation Plans, Maintenance SIPs, Thurston County Maintenance Area. <<https://ecology.wa.gov/Regulations-Permits/Plans-policies/State-implementation-plans/Maintenance-SIPs>>. Last accessed May 2020.
- Washington State Department of Health. No date. "Hydrogen Sulfide." <<https://www.doh.wa.gov/CommunityandEnvironment/Contaminants/HydrogenSulfide#:~:text=Mudflats%2C%20with%20oxygen%2Dstarved%20organic,hydrogen%20sulfide%20problem%20on%20beaches>>. Last accessed June 2020.

Attachment 12, Land Use, Shorelines, and Recreation Discipline Report

- City of Olympia. 1986. *State Capitol Heritage Park Final Report Civic Urban Park Concept Feasibility Study*. Prepared by Jones & Jones. July.
- City of Olympia. 1988. *Heritage Park Implementation Strategy*. Prepared by Jones & Jones. October.
- City of Olympia. 2009. *The Future of Capitol Lake. Capitol Lake Adaptive Management Plan (CLAMP) Issue Paper #3 – Recreational Activities and Community Events*. March 2009.
- City of Olympia. 2015. *Ecology Approved City of Olympia Shoreline Master Program*. <<http://olympiawa.gov/~media/Files/CPD/SMP/2015EcologyApprvdSMP10082015/Binder10082015DOEApprvdSMPUpdteFig4101915.pdf?la=en>>. Last accessed April 8, 2020.
- City of Olympia. 2016. *Parks, Arts and Recreation Plan*. <<http://olympiawa.gov/city-services/parks/opar-plans-and-studies/parks-arts-and-recreation-plan.aspx>>. Last accessed April 9, 2020.

- City of Olympia. 2017. *Olympia Downtown Strategy*. Adopted April 25, 2017. <<http://olympiawa.gov/community/downtown-olympia/downtown-strategy.aspx>>. Last accessed April 9, 2020.
- City of Olympia. 2019a. *Olympia Comprehensive Plan*. Last updated July 19, 2019. <<https://www.codepublishing.com/WA/Olympia/?compplan/OlympiaCPNT.html>>. Last accessed April 7, 2020.
- City of Olympia. 2019b. *City of Olympia Parks Map*. Available at: <<https://olympiawa.maps.arcgis.com/apps/Shortlist/index.html?appid=ee6054990bf74d6c9163e767889b5555>>. Last accessed December 23, 2019.
- City of Olympia, LOTT Clean Water Alliance, and Port of Olympia. 2019. *Olympia Sea Level Rise Response Plan*. <<http://olympiawa.gov/city-utilities/storm-and-surface-water/sea-level-rise.aspx>>. Last accessed December 23, 2019.
- City of Tumwater. 2007. *Park, Recreation, and Open Space Plan*. Amended January 15, 2019. <<https://www.ci.tumwater.wa.us/departments/community-development/tumwater-comprehensive-plan>>. Last accessed April 7, 2020.
- City of Tumwater. 2011. *Brewery Action Plan*. <<https://www.ci.tumwater.wa.us/departments/community-development/long-range-planning/brewery-district-plan>>. Last accessed April 14, 2020.
- City of Tumwater. 2011. *Community Visioning Project Former Olympia Brewery Final Report*. Prepared by Lorig Associates, Johnson Architecture & Planning, FLT Consulting, KPFF, Redevelopment Consultants. September. <<https://www.ci.tumwater.wa.us/home/showdocument?id=2398>>. Last accessed April 23, 2020.
- City of Tumwater. 2014. *Brewery District Plan*. <<https://www.ci.tumwater.wa.us/departments/community-development/long-range-planning/brewery-district-plan>>. Last accessed April 23, 2020.
- City of Tumwater. 2014. *City of Tumwater Shoreline Master Program*. Amended December 2, 2019. <<https://www.ci.tumwater.wa.us/home/showdocument?id=20282>>. Last accessed December 23, 2019.
- City of Tumwater. 2016. *2016 – 2036 Tumwater Comprehensive Plan*. <<https://www.ci.tumwater.wa.us/departments/community-development/tumwater-comprehensive-plan>>. Last accessed December 23, 2019.
- City of Tumwater. 2016. *Citywide Design Guidelines*. <<https://www.ci.tumwater.wa.us/departments/community-development/long-range-planning/design-review-guidelines-and-process>>. Last accessed December 23, 2019.
- City of Tumwater. 2019. "Parks and Recreation." <<https://www.ci.tumwater.wa.us/departments/parks-recreation>>. Last accessed December 23, 2019.
- Ecology (Washington Department of Ecology). 2019. "Washington State Coastal Atlas. Find Public Beaches: Search Results."

- <<https://fortress.wa.gov/ecy/coastalatlus/tools/PublicAccessResults.aspx>>. Last accessed December 23, 2019.
- ECONorthwest. 2022. *Economics Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. Prepared for the Washington State Department of Enterprise Services. July.
- Enterprise Services (Washington State Department of Enterprise Services). 2016. "History of Capitol Lake." <<http://des.wa.gov/about/projects-initiatives/capitol-lake/history-capitol-lake>> Last accessed May 16, 2019.
- Enterprise Services (Washington State Department of Enterprise Services). 2019. "Visit the Washington State Capitol. Parks and Attractions." <<https://des.wa.gov/services/facilities-leasing/capitol-campus/parks-and-attractions>>. Last accessed December 23, 2019.
- ESA (Environmental Science Associates). 2022a. *Fish and Wildlife Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. Prepared for the Washington State Department of Enterprise Services. July.
- ESA (Environmental Science Associates). 2022b. *Visual Resource Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. Prepared for the Washington State Department of Enterprise Services. July.
- ESA (Environmental Science Associates). 2022c. *Wetlands Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. Prepared for the Washington State Department of Enterprise Services. July.
- Floyd|Snider. 2016. *Phase 1 Report on the Capitol Lake/Lower Deschutes Watershed Long-Term Management Planning*. Prepared for the Washington State Department of Enterprise Services. December 30.
- Heffron (Heffron Transportation, Inc.). 2022. *Transportation Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. Prepared for the Washington State Department of Enterprise Services. July.
- Herrera (Herrera Environmental Consultants). 2009. *Capitol Lake Alternatives Analysis – Final Report*. Prepared for Washington Department of General Administration and Capitol Lake Adaptive Management Plan (CLAMP) Steering Committee. July 30.
- Herrera (Herrera Environmental Consultants, Inc.). 2022. *Water Quality Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. Prepared for the Washington State Department of Enterprise Services. July.
- Lakefair. 2019. "Capitol Lakefair." <<https://www.lakefair.org/>>. Last accessed December 23, 2019.
- Moffatt & Nichol. 2022a. *Hydrodynamics and Sediment Transport Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. Prepared for the Washington State Department of Enterprise Services. July.

- Moffatt & Nichol. 2022b. *Navigation Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. Prepared for the Washington State Department of Enterprise Services. July.
- Olympia Foundation, 2019. "Brewery Park at Tumwater Falls." <<https://olytumfoundation.org/what-we-do/tumwater-falls-park/>>. Last accessed December 23, 2019.
- Port of Olympia. 2012. *2013–2025 Strategic Plan Vision*. <<https://wa-portofolympia2.civicplus.com/DocumentCenter/View/545/Vision-2025-Strategic-Plan-Adopted-110512?bidId=>>>. Last accessed November 20, 2020.
- Port of Olympia. 2016. *Comprehensive Scheme of Harbor Improvements*. <<https://www.codepublishing.com/WA/Olympia?compplan/OlympiaCPNT.html>>. Last accessed November 20, 2020.
- Port of Olympia. 2017. *Development Guidelines*. <<https://www.portolympia.com/DocumentCenter/View/454/Development-Guidelines---Update-5222017?bidId=>>>. Last accessed November 20, 2020.
- Port of Olympia. 2019. *Discover Port of Olympia's Waterfront*. <<http://www.portolympia.com/DocumentCenter/View/497/Port-Peninsula-Walking-Tour-Brochure?bidId=>>>. Last accessed December 23, 2019.
- Port of Olympia. 2019. *A Community-Informed Plan for Our Future. Port Vision 2050 Action Plan*. Available at: <https://www.portolympia2050.org/wp-content/uploads/2019/09/Port-Vision-2050-Action-Plan-Resolution.pdf>. Last accessed November 20, 2020.
- Ramboll and ESA. 2022. *Air Quality and Odor Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. Prepared for the Washington State Department of Enterprise Services. July.
- Richard Haag Associates. 1966. *Open Space and Recreation Plan for Capitol Lakes*. Prepared for the Capitol Lake Coordinating Committee. December.
- Thurston County. 2019. "Show Me Everything Map." <<https://map.co.thurston.wa.us/Html5Viewer/Index.html?viewer=uMap.Main>>. Last accessed: December 23, 2019.
- Thurston County Public Health and Social Services Department. 2012. *Thurston County Water Resources Monitoring Report, 2009-2010 Water, Year 2010-2011 Water Year*. August 2012.
- Thurston Regional Planning Council. 2007. *Thurston Regional Trails Plan*. December 2007.
- Thurston Regional Planning Council. 2009. *Budd / Deschutes Watershed. WRIA 13*.
- Thurston Regional Planning Council. 2018. *Thurston Climate Adaptation Plan: Climate Resilience Actions for Thurston County and South Puget Sound*. <https://www.trpc.org/DocumentCenter/View/4936/ClimatePlan_pgs1_103?bidId=>>. Last accessed March 25, 2021.

USGS (U.S. Geological Survey). 2006. *Deschutes Estuary Feasibility Study: Hydrodynamics and Sediment Transport Modeling. Technical Report, Open File Report 2006-1318*. Menlo Park: U.S. Geological Survey.

Washington State Department of General Administration. 2006. *Master Plan for the Capitol of the State of Washington*. June. <<https://des.wa.gov/services/facilities-leasing/capitol-campus/capitol-master-plan>>. Last accessed April 12, 2020.

Washington State Department of General Administration. 2002. *Capitol Lake Adaptive Management Plan- A Vision for the Next 10 years 2003-3013*. <[https://des.wa.gov/sites/default/files/public/documents/About/CapitolLake/02-VisionForTheNextTenYears,2003-2013\(October2002\).pdf?=002e6](https://des.wa.gov/sites/default/files/public/documents/About/CapitolLake/02-VisionForTheNextTenYears,2003-2013(October2002).pdf?=002e6)>.

Washington State Department of General Administration. 1994. *Heritage Park Draft Predesign Study: A Celebration of Washington State Heritage, Washington State Capitol, Olympia, WA*. Prepared by The Portico Group & The SWA Group. December.

Attachment 13, Cultural Resources Discipline Report

Ames, Kenneth M., and Herbert G. Maschner. 1999. *Peoples of the Northwest Coast: Their Archaeology and Prehistory*. Thames & Hudson, New York.

Artifacts Consulting, Inc. 2017. *Reconnaissance-level Architectural History Survey of Downtown Olympia*. Prepared for the City of Olympia. December.

Artifacts and Black (Artifacts Consulting, Inc., and Susan Black and Associates). 2008. *West Capitol Campus Olmsted Brothers' Master Planning and Landscaping Washington State Capitol Grounds*. Prepared for the Washington Department of General Administration.

Bache, A.D., supdt. 1856. *U.S. Coast Survey Reconnaissance of Olympia Harbor Washington Territory*. Prepared by the Hydrographic Party under the command of Lieut. Comdg. J. Alden U.S.N. Assist., survey of topography and hydrography completed in 1855.

Berger, Margaret, and Glenn D. Hartmann. 2007. *Cultural Resources Assessment for the Percival Creek Pump Station Project, Olympia, Thurston County, Washington*. Prepared by Western Shore Heritage Services Inc. for the City of Olympia. April 30.

Birnbaum, Charles, and Christine Capella Peters. 1996. *Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for the Treatment of Cultural Landscapes*. U.S. Department of the Interior, National Park Service, Cultural Resource Stewardship and Partnerships Heritage Preservation Services Historic Landscape Initiative.

Blankenship, Georgiana Mitchell. 1914. *Early History of Thurston County, Washington Together with Biographies and Reminiscences of Those Identified with Pioneer Days*. Olympia.

Blukis Onat, Astrida R., Maury E. Morgenstein, Philippe D. LeTourneau, Robert P. Stone, Jerre Kosta, and Paula Johnson. 2001. *Archaeological Investigations at stuwe'yuuq – Site 45Kl464, Tolt River, King County, WA*. On file, Washington State Department of Archaeology and Historic Preservation, Olympia.

- Christopherson, Rolin. 2019a. *Capitol Lake History Powerpoint*. Prepared by the Washington Department of Natural Resources, Aquatics Division. January 2.
- Christopherson, Rolin. 2019b. *Memorandum Capitol Lake, Lake Management Leasing History 1951 to Present, Washington Department of Natural Resources, Aquatics Division*. January 2.
- Christopherson, Rolin. 2020. *A Land Use History of Capitol Lake*. Prepared for the Washington State Department of Natural Resources, Aquatic Resources Division. February 26.
- City of Olympia. 2014. Olympia Comprehensive Plan. Adopted by Ordinance 6945 on December 16, 2014, and is current through Ordinance 7199, passed July 19, 2019. <https://www.codepublishing.com/WA/Olympia/?compplan/OlympiaCPNT.html>.
- City of Tumwater. 2014. City of Tumwater Shoreline Master Program. April 2014 (Amended December 3, 2019). <https://www.ci.tumwater.wa.us/home/showdocument?id=20071>.
- City of Tumwater. 2016a. Tumwater Comprehensive Plan. Adopted December 20, 2016. <https://www.ci.tumwater.wa.us/departments/community-development/tumwater-comprehensive-plan>.
- City of Tumwater. 2016b. Tumwater City Plan 2036, Parks, Recreation, and Open Space Element. Parks, Recreation, and Open Space Plan Update. Adopted December 20, 2016 (Amended January 15, 2019). <https://www.ci.tumwater.wa.us/home/showdocument?id=18856>.
- City of Tumwater and Thurston Economic Development Council. 2015. *Tumwater Brewery Planned Action Final Environmental Impact Statement*. December 31.
- Croes, Dale R., Rhonda Foster, and Cary Stine. 2000. Squaxin Island Tribe Site Assessment Report Steh-Chass Site, Deschutes Parkway (45Tn241/233). On file, Washington State Department of Archaeology and Historic Preservation, Olympia.
- Draut, A.E., and A.C. Ritchie. 2015. "Sedimentology of New Fluvial Deposits on the Elwha River, Washington, USA, Formed During Large-Scale Dam Removal." *River Research and Applications*. 31:42–61.
- Floyd | Snider. 2016. *Phase 1 Report on the Capitol Lake/Lower Deschutes Watershed Long-Term Management Planning*. Prepared for the Washington State Department of Enterprise Services. December 30.
- Forsman, Leonard A., Dennish E. Lewarch, and Lynn L. Larson. 1997. *LOTT Capitol Lake Pump Station Upgrade, Thurston County, Cultural Resources Overview*. Prepared by Larson Anthropological/Archaeological Services, for Parametrix, Inc., for The LOTT Wastewater Management Partnership. August 22.
- Gardiner, C.K. 1854. *General Land Office Survey Map, Township 18 North Range 2 West Willamette Meridian*. Surveyor General of Oregon Territory, U.S. Department of the Interior. February 11.
- Geller, Betsy, Julia Walton, Irene Tang Sparck, and Allan Ainsworth. 2009. *Study of Cultural & Spiritual Values Associated with Future Alternatives for Capitol Lake Basin*. Prepared by AHBL, Inc. for the Department of General Administration, Olympia WA, January 5.

- General Administration. 2006. *Master Plan for the Capitol of the State of Washington*. June.
- George, Oscar R. "Bob". 2001. *Upper Custer Way Bridge National Register of Historic Places Nomination*. Prepared for the Washington State Department of Transportation Environmental Affairs Office, June 30.
- Gilbert, J.J. 1891. *State of Washington Harbor Line Commission Map of Olympia Harbor*. Prepared for the U.S. Coast and Geodetic Survey, surveyed July and August 1891.
- Glover, E.S. 1879. *Bird's eye view of the city of Olympia, East Olympia and Tumwater, Puget Sound, Washington Territory*. San Francisco, A.L. Bancroft & Co., lithographer.
<https://www.loc.gov/item/75693049/>.
- Haeberlin, Hermann, and Erna Gunther. 1930. *Indians of Puget Sound*. University of Washington Press, Seattle.
- Henry, Anson G. 1864. *General Land Office Survey Map, Township 18 North Range 2 West Willamette Meridian*. Surveyor General of Washington Territory, U.S. Department of the Interior, filed December 1, 1883. February 29.
- Herrera Environmental Consultants (Herrera). 2009. *Capitol Lake Alternatives Analysis – Final Report*. Prepared for Washington Department of General Administration and Capitol Lake Adaptive Management Plan Steering Committee. July 30.
- Hilbert, Vi, Jay Miller, and Zalmay Zahir. 2001. *Puget Sound Geography*: Original Manuscript from T.T. Waterman. Lushootseed Press, Federal Way, Washington.
- Hudson, Lorelea, Alicia B. Valentino, Donald Tatum, and Charles Hodges. 2008. *Preliminary Cultural Resources Assessment for the Percival Landing Major Rehabilitation Project, Olympia, Washington*. Prepared by Northwest Archaeological Associates, Inc. for Anchor Environmental, LLC for the City of Olympia Parks, Arts and Recreation Department. October 21.
- Johnson, Norman J. 1999. The Washington State Capitol Campus and Its Peripatetic Planning. *Columbia Magazine*, 13.1: 16-23. Spring 1999.
- Jones & Jones. 1986. *State Capitol Heritage Park Final Report Civic Urban Park Concept Feasibility Study*. Prepared for the City of Olympia Planning Department, July 28.
- Jones & Jones. 1988. *Heritage Park Implementation Strategy*. Prepared for the City of Olympia Parks and Recreation Department, October.
- Kidd, Robert. 1964. A Synthesis of Western Washington Prehistory from the Perspective of Three Occupation Sites. Unpublished Master's Thesis. Department of Anthropology University of Washington, Seattle.
- Kinkade, M. Dale. 1991. *Upper Chehalis Dictionary*. Occasional Papers in Linguistics, Number 7. University of Montana, Missoula.
- Lane, Barbara. 1972a. *Anthropological Report on the Identity, Treaty Status and Fisheries of the Nisqually Tribe of Indians*. Prepared for the U.S. Department for the Interior and the Nisqually Indian Tribe. On file, ESA, Seattle.

- Lane, Barbara. 1972b. *Anthropological Report on the Identity, Treaty Status and Fisheries of the Squaxin Tribe of Indians*. Prepared for the U.S. Department for the Interior and the Squaxin Indian Tribe. On file, ESA, Seattle.
- Lewarch, Dennis, and Laura Murphy. 2000. *Washington Archaeological Site Inventory Form Site 45TN241*. November 2.
- Marino, Cesare. 1990. History of Western Washington Since 1846. In *Northwest Coast*, edited by Wayne Suttles, pp. 169-179. Handbook of North American Indians, William C. Sturtevant, general editor, Smithsonian Institution, Washington, D.C.
- Mathews, Bethany. 2020. *Archaeological Monitoring and Survey for the Market Flats Development, Olympia, Thurston County, Washington*. Prepared by Antiquity Consulting LLC for Urban Olympia LLC. August 17.
- Mathews, Bethany, Michelle Sadlier, Melanie Diedrich, and Sarah Amell. 2015. *Cultural Resources Assessment for the Planned Action EIS for the Tumwater Brewery, Phase I*. Prepared by Aqua Terra Cultural Resource Consultants for the City of Tumwater Planning Commission. September 7.
- Matson, R.G., and Gary Coupland. 2009. *The Prehistory of the Northwest Coast*. Left Coast Press, Walnut Creek, California.
- Matteson, Alanna. 2019. The Messy Record and Aesthetic Impulse behind Capitol Lake, L Arch 553 A Wi 19: History of Modern Landscape Architecture, March 15.
- Mendenhall, T.C. 1892. *Olympia Harbor Puget Sound, Washington*. United States Coast and Geodetic Survey, first published in 1876.
- Moffatt & Nichol. 2008. *Capitol Lake Dam Condition Assessment and Life Expectancy*. Prepared for Washington Department of General Administration, October 31.
- Morning Olympian. 1895. "Olympia Gets a Brewery." September 18.
- Morning Olympian. 1903. "Go Way from Home in this Case at Least – a Fresh Water Harbor." January 10.
- Morning Olympian. 1938. "Shanty Town Building is Blocked." September 16.
- Morning Olympian. 1942. "Bonfire to End Last Traces of Little Hollywood." September 3.
- Murphy, Laura R., and Lynn L. Larson. 2000. *Archaeological Assessment for the Proposed LOTT Southern Connection Project Changes in Alignment, Thurston County, Washington*. April 27.
- Murphy, Laura R., and Lynn L. Larson. 2003. *Deschutes Parkway Earthquake Repair Project Archaeological Resources Monitoring Report*. Prepared by Larson Anthropological Archaeological Services Limited for the SAIC for the Washington State Department of Transportation. January 23.
- National Park Service. 1992. Illustrated Guidelines for Rehabilitating Historic Buildings. <https://www.nps.gov/tps/standards/rehabilitation/rehab/index.htm>.

- National Park Service. 1995. National Register Bulletin. How to Apply the National Register Criteria for Evaluation. <https://www.nps.gov/subjects/nationalregister/upload/NRB-15_web508.pdf>.
- Nelson, Charles M. 1990. Prehistory of the Puget Sound Region in Northwest Coast. In *Northwest Coast*, edited by Wayne Suttles, pp. 481-484. Handbook of North American Indians, William C. Sturtevant, general editor, Smithsonian Institution, Washington, D.C.
- Northern Pacific Railway. 1917. *Station Map, Tracks and Structures, Olympia, Thurston County, Washington*. Tacoma Division, Grays Harbor Line, June 30.
- Northern Pacific Railway. 1968. *Bridge Book, Tacoma Division 16th Sub-division, Grays Harbor Line, St Clair to Elma*. <www.nprha.org/Pages/Right-of-Way-Structures.aspx#RoW-Bridge-Info>. Last accessed February 4, 2020.
- O’Connell, Emmett. Undated. *History of the Deschutes Estuary, 1895 to 1948*. <<https://sites.google.com/site/deschuteshistory/>>. Last accessed December 12, 2019.
- Olmsted Brothers. 1912. *Plan for Land and Water Approaches to the Capitol*. State Capitol Commission, File No. 5350, Plan No. 16, January 18.
- Olympia Downtown Alliance. 2019. *Olympia Dragon Mural Project Overview*.
- Olympia Historical Society and Bigelow House Museum. Undated. *Olympia’s Historic Chinese Community – Origins and Early Arrivals*. <<https://olympiahistory.org/olympias-historic-chinese-community-origins-and-early-arrivals/>>. Last accessed December 16, 2019.
- Ouellette, L.P. 1892. Map of Olympia Tide Flats State of Washington. Thurston County Tide Land Appraisers, Plates 1 and 2, April.
- Parker, Patricia L., and Thomas F. King. 1990. Guidelines for Evaluating and Documenting Traditional Cultural Properties. *National Register Bulletin 38*. National Park Service, Washington, D.C.
- Pioneer and Democrat. 1859. An Ordinance for the Removal of Indians. Volume 7, Number 19, page 1.
- Richard Haag Associates, Inc. 1966. *Open Space and Recreation Plan for Capitol Lakes Olympia and Tumwater, Washington*. Prepared for the Capitol Lake Coordinating Committee. December 1966.
- Smith, Michael, and Alexander Gall. 2015. *Cultural Resource Survey and Impact Assessment of the Grande Terrace Project Area, Thurston County, Washington*. Prepared for Bart Zier, Grande Terrace, Inc. July 20.
- Smits, Nicholas, and Jason Allen. 2007. *Archaeological Survey for the BNSF Olympia Abandonment Project, Olympia, Washington*. Prepared for BNSF Railway Company. June 25.
- Spier, Leslie. 1936. Tribal Distribution in Washington. *American Anthropological Association General Series in Anthropology No. 3*. George Banta, Menasha, Wisconsin.
- Squaxin Island Tribe. 2018. A People’s History of the Seven Inlets Steh-Chass. <<https://squaxinlandmuseum.org/peoples-history-book>>. Last accessed May 17, 2022.

- Squaxin Island Tribe. 2019. "History". <<https://squaxinland.org/government/info/>>. Last accessed December 18, 2019.
- Stevenson, Shanna. 1977. "New Market: Stehtsamish (prehistoric) Tumwater Historic District" *National Register of Historic Places historic district nomination*. October.
- Stevenson, Shanna. 2001. *City of Olympia High Density Corridors I and II Cultural Resources Survey*. Prepared for the City of Olympia. September.
- Stevenson, Shanna. 2004. "Olympia Downtown Historic District" *National Register of Historic Places historic district nomination*.
- Stevenson, Shanna, and Heather Lockman, ed. 1991. "South Capitol Neighborhood Historic District" *National Register of Historic Places historic district nomination*. Prepared on behalf of the Olympia Heritage Commission. July.
- Suttles, Wayne, and Barbara Lane. 1990. Southern Coast Salish. In *Northwest Coast*, edited by Wayne Suttles, pp. 485-502. Handbook of North American Indians, Vol. 7, William C. Sturtevant, general editor. Smithsonian Institution, Washington, D.C.
- Taylor, Harry. 1897. Survey of Deschutes River at its Entrance in Olympia Harbor, Washington. Prepared by Capt. Taylor, Corps of Engineers, transmitted by the John M. Wilson Brig. Gen., Chief of Engineers, U.S. Army to the U.S. Secretary of War, July 27.
- Tittmann, O.H. 1911. Puget Sound, Seattle to Olympia. Map published by the U.S. Coast and Geodetic Survey, August. Accessed from the Washington State Archives.
- Valentino, Alicia B., and Emily Matson. 2008. *Tumwater Lumber Mill Archaeological Site Inventory Form*. June 30.
- Van Epps, T.C. 1878. *Plan of Oyster Grounds in Sections 10, 11, 14 and 15 Township 18 N Range 2W, Willamette Meridian, Washington Territory*. July 20.
- Vandermeer, J.H. 1978. "Washington State Capitol Historic District" *National Register of Historic Places historic district nomination*.
- Washington State Department of Archaeology and Historic Preservation (DAHP). 2022. Washington Information System for Architectural and Archaeological Resources Data. <<http://wisaard.dahp.wa.gov>>. Last accessed May 17, 2022.
- Washington Department of Archaeology and Historic Preservation (DAHP). 2019. "Criteria for National Register Listing". <<https://dahp.wa.gov/historic-registers/national-register-of-historic-places/criteria-for-national-register-listing>>. Last accessed January 6, 2019.
- Washington Department of Archaeology and Historic Preservation (DAHP). 2020. *Washington State Standards for Cultural Resources Reporting*. January 2.
- Washington Department of General Administration. 1999. *Capitol Lake Adaptive Management Plan Final Environmental Impact Statement*. May.
- Washington Department of General Administration. 2006. *Master Plan for the Capitol of the State of Washington*. June.

- Washington General Administration. 2009. *West Capitol Campus Historic Landscape Preservation Master Plan*. Prepared by Mithun, Arbutus Design, Dark | Light Consulting, and Signature Landscape Services. Olympia. June.
- Washington Standard. 1916. "Vigorously Oppose Closing Waterway." May 26.
- Washington State Department of Archaeology and Historic Preservation (DAHP). 2021. "Capitol Lake – Deschutes Estuary Long-Term Management Project: Determined Eligible," 2016-01-00452, letter from Holly Borth, Washington State Department of Archaeology and Historic Preservation, Design Reviewer, to Carrie R. Martin, Washington State Department of Enterprise Services, Environmental Planner. October 14.
- Washington State Department of Archaeology and Historic Preservation (DAHP). 2022. Washington Information System for Architectural and Archaeological Resources Data. <<http://wisaard.dahp.wa.gov>>. Last accessed May 17, 2022.
- Washington State Department of Enterprise Services (Enterprise Services). 2016. "History of Capitol Lake." <<http://des.wa.gov/about/projects-initiatives/capitol-lake/history-capitol-lake>>. Last accessed May 16, 2019.
- Whitham, Paul Page. 1890. *Whitham & Page's Map of Olympia and Surroundings: Thurston County, Washington*. Olympia, WA: Scammwell & Conger.
- Wilder & White. 1911. Report of Group Plan. Prepared for the State Capitol Commission.
- Wilkes, Charles. 1841. *Atlas of the Narrative of the United States Exploring Expedition: During the Years 1838, 1839, 1840, 1841, 1842: Chart of Puget Sound Its Inlets and Anchorages*.
- Wray, Jacilee. 2015. *Native Peoples of the Olympic Peninsula: Who We Are*. University of Oklahoma Press. Norman, Oklahoma.

Attachment 14, Visual Resources Discipline Report

- City of Olympia. 2014. City of Olympia Comprehensive Plan. Adopted by Ordinance 6945 on December 16, 2014, and is current through Ordinance 7199, passed July 19, 2019. <<https://www.codepublishing.com/WA/Olympia/?compplan/OlympiaCPNT.html>>. Last accessed April 2020.
- City of Olympia. 2015. Ecology Approved City of Olympia Shoreline Management Program. Effective October 8, 2015. <<http://olympiawa.gov/~media/Files/CPD/SMP/2015EcologyApprvdSMP10082015/Binder10082015DOEApprvdSMPUpdteFig4101915.pdf?la=en>>. Last accessed April 2020.
- City of Olympia. 2017. Olympia Downtown Strategy. Adopted April 25, 2017. <<http://olympiawa.gov/community/downtown-olympia/downtown-strategy.aspx>>. Last accessed April 2020.
- City of Tumwater. 2014. City of Tumwater Shoreline Management Program. April 2014 (amended December 2, 2019). <<https://www.ci.tumwater.wa.us/home/showdocument?id=2689>>. Last accessed April 2020.

- City of Tumwater. 2016. 2016 – 2036 Comprehensive Plan Update, City of Tumwater. Adopted December 20, 2016. <<https://www.ci.tumwater.wa.us/departments/community-development/tumwater-comprehensive-plan>>. Last accessed April 2021.
- City of Tumwater. 2016. City of Tumwater Citywide Design Guidelines. Prepared by City of Tumwater and MAKERS. <<https://www.ci.tumwater.wa.us/home/showdocument?id=9500>>. Last accessed September 2020.
- Environmental Science Associates (ESA). 2022a. *Land Use, Shorelines, and Recreation Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. July.
- Environmental Science Associates (ESA). 2022b. *Fish and Wildlife Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. July.
- Environmental Science Associates (ESA) and NW Vernacular. 2022. *Cultural Resources Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. July.
- Google Earth. 2020. Data obtained from the online application Google Earth Pro on Sept 27, 2019 and July 20, 2020. Version 7.3. <<https://www.google.com/earth/>>. Last accessed May 2020.
- Herrera Environmental Consultants (Herrera). 2022. *Water Quality Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. Ju July ne.
- U.S. Army Corps of Engineers (Corps). 1988. *Visual Resources Assessment Procedure for US Army Corps of Engineers*. Prepared by R.C. Smardon, J.F. Palmer, A. Knopf, K. Grindle, State University of New York, Syracuse; and J.E. Henderson and L.D. Peyman-Dove, Environmental Laboratory. Waterways Experiment Station, Vicksburg, MS.
- Washington State General Administration. 2006. *Master Plan for the Capitol of the State of Washington*. June. <<https://des.wa.gov/sites/default/files/public/documents/Facilities/MasterPlan/Campus-Master-Plan.pdf?=2ca18>>. Last accessed May 2020.
- Washington State General Administration. 2009. West Capitol Campus Historic Landscape Preservation Master Plan. Prepared by General Administration, Arbutus Design LLC, and Mithun. GA project # 08-099. <<https://des.wa.gov/sites/default/files/public/documents/Facilities/MasterPlan/LandscapeMasterPlan.pdf>>. Last accessed May 2020.

Attachment 15, Sediment Quality Discipline Report

- Anchor QEA. 2016. Final Investigation Report, Port of Olympia Budd Inlet Sediment Site. Prepared for Port of Olympia, Olympia, Washington by Anchor QEA, Seattle, Washington. August.
- Barrick, R. C., D. S. Becker, L. B. Brown, H. Beller, and R. Pastorok. 1988. Sediment Quality Values Refinement: 1988 Update and Evaluation of Puget Sound AET, Volume I, Final Report. Prepared for Tetra Tech, Inc., Bellevue, WA, and the U.S. Environmental Protection Agency, Seattle, WA, by PTI Environmental Services Bellevue, Washington.
- CH2M Hill. 1976. Capitol Lake Restoration Design Engineering Report. Prepared for the Washington State Department of General Administration. July.

- DMMP. 2009. OSV Bold Summer 2008 Survey Final Data Report. Dredged Material Management Program. 25 June.
- Ecology. 2018. South Puget Sound Regional Background, Final Data Evaluation and Summary Report. Toxics Cleanup Program, Washington State Department of Ecology, Olympia, Washington. Publication no. 18-09-117. May.
- Ecology. 2019. Sediment Cleanup User’s Manual (SCUM). Toxics Cleanup Program, Washington State Department of Ecology, Olympia, Washington. Revised December.
- Ecology. 2020a. Environmental Information Management System Search website page. Washington State Department of Ecology, Olympia, Washington. Accessed June 2020:
<https://apps.ecology.wa.gov/eim/search/default.aspx>.
- Ecology. 2020b. Olympia Brewery Transformer Spill website page. Washington State Department of Ecology, Olympia, Washington. Accessed March 2020: <https://ecology.wa.gov/Spills-Cleanup/Spills/Spill-preparedness-response/Responding-to-spill-incidents/Past-incidents/Olympia-Brewery-transformer-spill>.
- Ecology. 2020c. Budd Inlet Sediment website page. Washington State Department of Ecology, Olympia, Washington. Accessed September 2020:
<https://apps.ecology.wa.gov/gsp/Sitepage.aspx?csid=2245>
- Ecology. 2020d. Puget Sound Vital Signs website page. Washington State Department of Ecology, Olympia, Washington. Accessed October 2020:
<https://vitalsigns.pugetsoundinfo.wa.gov/VitalSign/Detail/9>
- Floyd|Snider. 2013. Permitting Recommendations Report, Capitol Lake Permitting Analysis. Prepared for Washington State Department of Enterprise Services, Olympia, Washington, by Floyd|Snider, Seattle, Washington. June.
- Herrera. 2000. Capitol Lake 2000 Adaptive Management Plan, Sediment Characterization Report. Prepared for Entranco and Washington Department of General Administration, Olympia, Washington. June.
- Herrera. 2020a. Sampling and Analysis Plan, Capitol Lake Sediment Characterization Study. Prepared for Washington State Department of Enterprise Services, Olympia, Washington by Herrera Environmental Consultants, Seattle, Washington. March.
- Herrera. 2020b. 2019 Sediment Monitoring Report, NPDES Permit No. WA0037061. Prepared for LOTT Clean Water Alliance, Olympia, Washington by Herrera Environmental Consultants, Seattle, Washington. July.
- Herrera. 2022. Aquatic Invasive Species Discipline Report. Prepared for Washington State Department of Enterprise Services, Olympia, Washington by Herrera Environmental Consultants, Seattle, Washington. July.
- Moffatt & Nichol. 2022. Hydrodynamics and Sediment Transport Discipline Report. Prepared for Washington State Department of Enterprise Services, Olympia, Washington by Moffatt & Nichol, Seattle, Washington. July.

- PSP. 2020. Puget Sound Vital Signs, Marine Sediment Quality website page. Puget Sound Partnership, Olympia, Washington. Accessed October 2020:
<https://vitalsigns.pugetsoundinfo.wa.gov/VitalSign/Detail/9>
- SAIC. 2008. Final Data Report, Sediment Characterization Study, Budd Inlet, Olympia, Washington. Prepared by Science Applications International Corporation, Bothell, Washington, for Washington State Department of Ecology, Lacey, Washington. March 12.
- Thurston County. 2003. Heritage Park Water and Sediment Quality Assessment, Capitol Lake, Olympia, Washington. Prepared for the Washington Department of General Administration, Olympia, Washington by Thurston County Environmental Health Division, Olympia, Washington. January.
- USACE. 2012. User's Guide For Nationwide Permits in Washington State. Prepared by the U.S. Army Corps of Engineers, Seattle District, Washington. June.
- USACE. 2018. Dredged Material Evaluation and Disposal Procedures User Manual, Prepared by the Dredged Material Management Office, U.S. Army Corps of Engineers, Seattle District, Washington. December.
- USEPA. 2008. OSV Bold Survey Report, Puget Sound Sediment PCB and Dioxin 2008 Survey, July 31 to August 6, 2008. U.S. Environmental Protection Agency. Seattle, Washington. September 11.
- USEPA. 2020. Total Maximum Daily Loads (TMDLs) for the Deschutes River and its Tributaries: Sediment, Bacteria, Dissolved oxygen, pH, and Temperature. U.S. Environmental Protection Agency. Seattle, WA. July 31, 2020 TMDLs for Public Comment.
- USGS. 1995. Background Concentrations of Metals in Soils from Selected Regions in the State of Washington. Water Resources Investigations Report 95-4018. U.S. Geological Survey, Tacoma, Washington.

Attachment 16, Transportation Discipline Report

- BNSF Railway, 2020. Individual Railcar. <http://www.bnsf.com/customers/how-can-i-ship/individual-railcar/#%23subtabs-3>. Last accessed May 2020.
- City of Olympia. 2020a. Truck Routes. Olympia Municipal Code Chapter 10.48. Last accessed March 23, 2020.
- City of Olympia. 2020b. Downtown Parking Options. <<http://olympiawa.gov/city-services/parking/downtown.aspx>>. Updated March 17, 2020. Last accessed March 23, 2020.
- City of Olympia. 2019a. *Comprehensive Plan, Transportation Element*. Adopted by Ordinance 6945, December 16, 2014, current through Ordinance 7199, passed July 19, 2019.
- City of Olympia. 2019b. Citywide Synchro models for AM peak hour, midday off-peak hour, and PM peak hour.
- City of Olympia. 2018. *Engineering Design and Development Standards*. Effective January 23, 2019.
- City of Tumwater. 2016. *Tumwater City Plan 2036, Transportation Master Plan*. November.

- Federal Highway Administration (FHWA). 2009. Manual on Uniform Traffic Control Devices for Street and Highways (MUTCD). 23 CFR Part 655m Subpart F. December.
- Federal Railroad Administration (FRA). 2020. *U.S. DOT Crossing Inventory Report*. Crossing numbers 085294X (updated October 22, 2019) and 0852945E (updated December 11, 2018). <<https://safetydata.fra.dot.gov/OfficeofSafety/PublicSite/Crossing/Crossing.aspx>>. Last accessed May 15, 2020.
- Genesee & Wyoming. 2020. Olympia & Belmore Railroad. <https://www.gwrr.com/railroads/north_america/olympia-belmore-railroad#m_tab-one-panel>. Last accessed May 15, 2020.
- Heartland Barge. 2020. Barge Weight Capacity. <<https://heartlandbarge.com/barge-weight-capacities-chart/>>. Last accessed May 15, 2020.
- Intercity Transit. 2020. *Transit Guide*. Effective March 22, 2020.
- Intercity Transit. 2018. "System Map." <<https://www.intercitytransit.com/bus/system-map>>. Last accessed September 2020.
- J.A. Brennan Associates, 2019. West Bay Park Recreation, Trail & Restoration Analysis Report, November 14, 2019.
- Thurston County. 2020a. "Thurston GeoData Center – Open Data Site: Thurston_Parks." <<https://gisdata-thurston.opendata.arcgis.com/datasets/thurston-parks>>. Last accessed March 23, 2020.
- Thurston County. 2020b. "Thurston GeoData Center – Open Data Site: Thurston_Waterbodies." <<https://gisdata-thurston.opendata.arcgis.com/datasets/thurston-waterbodies>>. Last accessed March 23, 2020.
- Thurston County. 2020c. "Thurston GeoData Center – Open Data Site: Thurston_Railroads." <<https://gisdata-thurston.opendata.arcgis.com/datasets/thurston-railroads>>. Last accessed March 23, 2020.
- Thurston County. 2020d. "Thurston GeoData Center – Open Data Site: Thurston_StreetAddress_TCOMM." <<https://gisdata-thurston.opendata.arcgis.com/datasets/thurston-street-address-tcomm>>. Last accessed March 23, 2020.
- Thurston Regional Planning Council. 2020. "Thurston County Bicycle Map: Urban Area Map." <https://www.trpc.org/DocumentCenter/View/1725/BikeMap2020_URBAN?bidId=>>. Last accessed May 3, 2022.
- Thurston Regional Planning Council. 2018. "Thurston County Bicycle Map: Urban Area Map." <https://www.trpc.org/DocumentCenter/View/1725/BikeMap2018_URBAN?bidId=>>. Last accessed June 25, 2020.
- Transportation Research Board (TRB). 2016. *Highway Capacity Manual. Special Report 209*.

- Washington State Department of Enterprise Services. 2015. *Washington State Capitol Campus Parking Strategy Implementation Plan*. November.
- Washington State Department of Enterprise Services. 2014. *State of Washington Capitol Campus Transportation and Parking Study – Final Report*. September 18.
- Washington State Department of Transportation (WSDOT). 2022. WSDOT Sidra Policy Settings, <https://wsdot.wa.gov/sites/default/files/2021-03/TrafficOps-WSDOTSidraPolicyAndSettings.pdf><https://wsdot.wa.gov/sites/default/files/2021-03/TrafficOps-WSDOTSidraPolicyAndSettings.pdf>, accessed April 2022.
- Washington State Department of Transportation (WSDOT). 2020a. "ArcGIS REST Services: City Limits of Washington State." (updated February 2020). <https://data.wsdot.wa.gov/arcgis/rest/services/Shared/PoliAdminBndryData/MapServer/1>. Last accessed March 23, 2020.
- Washington State Department of Transportation (WSDOT). 2020b. "ArcGIS REST Services: WSDOT – Functional Class Data for State Highways." <https://data.wsdot.wa.gov/arcgis/rest/services/FunctionalClass/WSDOTFunctionalClassData/MapServer/0>. Last accessed March 23, 2020.
- Washington State Department of Transportation (WSDOT). 2020c. "ArcGIS REST Services: WSDOT – Local Agency Public Road Lines" <https://data.wsdot.wa.gov/arcgis/rest/services/Shared/LRSData/MapServer/10>. Last accessed March 23, 2020.
- Washington State Department of Transportation (WSDOT). 2019a. *Design Manual*. Report No. M 22-01.18. December.
- Washington State Department of Transportation (WSDOT). 2019b. *Standard Specifications for Road, Bridge, and Municipal Construction, 2020*. Report No. M 41-10. September 1.
- Washington State Department of Transportation (WSDOT). 2018. *Work Zone Traffic Control Guidelines for Maintenance Operations*. Report No. M 54-44. June 27.

Attachment 17, Public Services and Utilities Discipline Report

- Blakeway, Cathy. 2020. Personal communication. Telephone conversation with Cathy Blakeway (Tumwater Fire Department) with Madeline Remmen (ESA). October 20, 2020.
- Brown and Caldwell. 2010. *Summary Report Recharge and Reclaimed Water Conveyance Alternatives*. Prepared for LOTT Clean Water Alliance. April 2010.
- City of Olympia. 2014. *Olympia Comprehensive Plan*. Updated July 2019. <http://olympiawa.gov/city-government/codes-plans-and-standards/olympia-comprehensive-plan.aspx>. Last accessed April 2020.
- City of Olympia. 2016. *Comprehensive Emergency Management Plan*. January 2016. <http://m.olympiawa.gov/~media/Files/Fire/CEMP-2016.pdf?la=en>. Last accessed April 2020.

- City of Olympia. 2019. *Draft Wastewater Management Plan*. August 2019.
<<http://m.olympiawa.gov/city-utilities/wastewater/wastewater-management-plan.aspx>>. Last accessed May 2020.
- City of Olympia Fire Department. 2018. *Annual Report City of Olympia Fire Department*.
<<http://olympiawa.gov/~media/Files/Fire/2018%20Fire-Annual-Report.pdf?la=en>>. Last accessed May 2020.
- City of Tumwater. 2010. *City of Tumwater Comprehensive Emergency Management Plan*. February 2010.
<<https://www.ci.tumwater.wa.us/departments/fire-ems/emergency-management>>. Last accessed May 2020.
- City of Tumwater. 2016. *City of Tumwater Comprehensive Plan*.
<<https://www.ci.tumwater.wa.us/departments/community-development/tumwater-comprehensive-plan>>. Last accessed April 2020.
- City of Tumwater. 2018. *Draft Comprehensive Stormwater Management Plan*. Prepared by Herrera Environmental Consultants, Inc. May 2018.
<<https://www.ci.tumwater.wa.us/departments/community-development/tumwater-comprehensive-plan>>. Last accessed May 2020.
- City of Tumwater. 2020. *City of Tumwater Comprehensive Water System Plan Update, Agency Review Draft*. Prepared by Herrera Environmental Consultants, Inc. April 2020.
- Heffron Transportation, Inc. (Heffron). 2022. *Transportation Discipline Report, Capitol Lake – Deschutes Estuary Long-term Management Project*. Prepared for Washington Department of General Administration. July.
- Herrera (Herrera Environmental Consultants, Inc.). 2022. *Water Quality Discipline Report for the Capitol Lake – Deschutes Estuary Long-term Management Project*. Prepared for the Washington State Department of Enterprise Services. July.
- Lacey, Olympia, Tumwater, and Thurston County (LOTT). 2020. Budget and Capital Improvements Plan 2019-2020. <<https://lottcleanwater.org/wp-content/uploads/budgetCIP19-20.pdf>>. Last accessed September 2020.
- Lacey, Olympia, Tumwater, and Thurston County (LOTT); City of Olympia; and Port of Olympia. 2019. *Olympia Sea Level Rise Response Plan*. Prepared by AECOM. March 2019.
<http://olympiawa.gov/~media/Files/PublicWorks/Water-Resources/SLR/SLR-Plan/SLR-Plan-Complete.pdf?la=en>. Last accessed September 2020.
- Moffatt & Nichol. 2008. *Capitol Lake Alternatives Analysis Low-Lying Infrastructure*. Prepared for General Administration State of Washington. November 2008.
- Moffatt & Nichol. 2022. *Basis of Design Report for Capitol Lake-Deschutes Estuary Long-Term Management Project Environmental Impact Statement*. Prepared for Washington State Department of Enterprise Services.

- Moffatt & Nichol. 2022. *Hydrodynamics and Sediment Transport Discipline Report, Capitol Lake – Deschutes Estuary Long-term Management Project*. Prepared for Washington Department of General Administration. July.
- Thurston County. 2015. *Thurston County Comprehensive Emergency Management Plan*. August 2015. <<https://www.thurstoncountywa.gov/em/Pages/plans-cemp.aspx>>. Last accessed April 2020.
- Thurston County. 2017. *Thurston County Fire Districts and Stations Map*. <[https://www.geodata.org/thumb_2017.aspx?thumb=FireDistricts\(54x35\)](https://www.geodata.org/thumb_2017.aspx?thumb=FireDistricts(54x35))>. Last accessed April 2020.
- Thurston County. 2019. *Thurston County Comprehensive Plan, Chapter 7 Utilities*. November 2019. <<https://www.thurstoncountywa.gov/planning/Pages/comp-plan-current.aspx>>. Last accessed April 2020.
- Thurston Regional Planning Council. "Capitol Lake Stormwater Outfall Sites." September 24, 2003.
- Washington Emergency Management Division. 2018. *Washington State Enhanced Hazard Mitigation Plan*. Effective 2018–2023 (Approved October 1, 2018). <<https://mil.wa.gov/enhanced-hazard-mitigation-plan>>. Last accessed April 2020.
- Washington State Department of Ecology (Ecology). 2012. *Deschutes River, Capitol Lake, and Budd Inlet Temperature, Fecal Coliform Bacteria, Dissolved Oxygen, pH, and Fine Sediment Total Maximum Daily Load Technical Report. Water Quality Study Findings*. June 2012. Publication No. 12-03-008.
- Washington State Department of Ecology (Ecology). 2015. *Deschutes River, Capitol Lake, and Budd Inlet Total Maximum Daily Load Study: Supplemental Modeling Scenarios*. Ecology Publication 15-03-002. Washington Department of Ecology.

Attachment 18, Economics Discipline Report

References Cited

- 500 Nations. 2020a. "Lucky Eagle Casino." Retrieved from <https://www.500nations.com/casinos/waLuckyEagle.asp#:~:text=LUCKY%20EAGLE%20CASINO,12888%20188th%20Avenue&text=Lucky%20Eagle%20Casino%20opened%20June,Olympia%20on%20Hwy%2012%20West>
- 500 Nations. 2020b. "Red Wind Casino." Retrieved from <https://www.500nations.com/casinos/waRedWind.asp>
- AECOM. 2019. Olympia Sea Level Rise Response Plan. Report prepared for City of Olympia, LOTT Clean Water Alliance, and Port of Olympia.
- AHBL Inc. and Ainsworth, A. 2009. *Study of Cultural & Spiritual Values Associated with Future Alternatives for Capitol Lake Basin*. Prepared for the State of Washington Department of General Administration.

- American Shipper Staff. 2017. "Special Coverage: Port of Olympia exports cattle to Vietnam under childhood malnutrition program." *American Shipper*, August 1, 2017.
- Anthony's Restaurant Group. 2020. "About." Retrieved from <https://www.anthonys.com/about>
- Batker, D., Swedeen, P., Costanza, R., De la Torre, I., Boumans, R., & Bagstad, K. 2008. *A new view of the Puget Sound economy: the economic value of nature's services in the Puget Sound basin*. Earth Economics, Tacoma, WA.
- Brown Jr, G., and Mendelsohn, R.. 1984. "The hedonic travel cost method." *The review of economics and statistics*, 427-433.
- Byrne, J., and Wolch, J.. "Nature, race, and parks: past research and future directions for geographic research." *Progress in human geography* 33, no. 6 (2009): 743-765.
- Campbell, C. 2019. "How the Trade War is Hurting the U.S. Lumber Industry and Forests Around the World." *TIME*, November 27, 2019.
- Carson, R. T., & Mitchell, R. C. 1993. "The value of clean water: the public's willingness to pay for boatable, fishable, and swimmable quality water." *Water Resources Research*, 29(7), 2445-2454.
- Center for Climate Integrity, Resilient Analytics, and University of Colorado. 2020. *Climate Costs: Washington*. Retrieved from <http://climatecosts2040.org/costs/Washington>
- City of Lacey. 2020. Parks and Recreation. Retrieved from <http://www.ci.lacey.wa.us/city-government/city-departments/parks-and-recreation/parks-and-facilities>
- City of Olympia. 2020. *Parks, Arts, & Recreation*. Retrieved from <http://olympiawa.gov/city-services/parks.aspx>
- City of Olympia. 2017. *Olympia Downtown Strategy-Volume I: Summary*. January. Retrieved from <http://olympiawa.gov/~media/Files/CPD/Planning/Downtown/Downtown-Strategy/OlympiaDowntownStrategyV1SummaryDRAFT20170201.pdf?la=en>
- City of Olympia. 2015. *Downtown Olympia Community Renewal Plan*. Retrieved from <https://static1.squarespace.com/static/597fb96acd39c34098e8d423/t/5984b2c3db29d66f894d4124/1501868741906/Downtown+Olympia+Community+Renewal+Plan.pdf>
- City of Tumwater. 2020. *Parks and Trails Map*. Retrieved from <https://www.ci.tumwater.wa.us/departments/parks-recreation/parks-trails/parks-trails-map>
- Coast & Harbor Engineering. 2016. City of Olympia West Bay Environmental Restoration Assessment. Final Report. Retrieved from <https://wa-portofolympia2.civicplus.com/DocumentCenter/View/2395/West-Bay-Environ-Restoration-Assessment-2016-02-26?bidId=>
- Congressional Budget Office. 2020. *An Update to the Economic Outlook: 2020 to 2030*. July. Retrieved from <https://www.cbo.gov/publication/56442>
- Council on Environmental Quality. 2013. *Principles and Requirements for Federal Investments in Water Resources*. March. Retrieved from https://obamawhitehouse.archives.gov/sites/default/files/final_principles_and_requirements_march_2013.pdf

- Council on Environmental Quality. 2005. *Regulations for Implementing the Procedural Provisions of the National Environmental Policy Act*. Section 1502.23. Retrieved from https://www.energy.gov/sites/prod/files/NEPA-40CFR1500_1508.pdf
- Cowardin, L. M. 1979. *Classification of wetlands and deepwater habitats of the United States*. Fish and Wildlife Service, US Department of the Interior.
- Deemer, B.R., Harrison, J.A., Li, S., Beaulieu, J.J., DelSontro, T., Barros, N., Bezerra-Neto, J.F., Powers, S.M., Dos Santos, M.A. and Vonk, J.A. 2016. Greenhouse gas emissions from reservoir water surfaces: a new global synthesis. *BioScience*, 66(11), pp.949-964.
- Department of Ecology, SEPA Unit. 1998. *State Environmental Policy Act Handbook*. Publication #98-114 September. Updated 2003. Retrieved from <https://fortress.wa.gov/ecy/publications/documents/98114.pdf>
- Doherty, Edel, Geraldine Murphy, Stephen Hynes, and Cathal Buckley. "Valuing ecosystem services across water bodies: Results from a discrete choice experiment." *Ecosystem Services* 7 (2014): 89-97.
- ECONorthwest. 2013. *Downtown Olympia Community Renewal Area Feasibility Study*. Prepared for City of Olympia. December 31. Retrieved from <http://olympiawa.gov/~media/Files/CPD/Citizen%20Advisory%20Committee%20CRA/2014%20Documents/CRA%20Comp%20B%20Feasibility%20Study%20010614.pdf>
- ECONorthwest. 2019. *Economic Analysis Methodology for Capitol Lake–Deschutes Estuary*. Prepared for Washington State Department of Enterprise Services. August 2. Retrieved from https://capitollakedeschutesestuaryeis.org/Media/Default/documents/CLDE_EconomicsMethodology_2019-0802.pdf
- ECONorthwest. 2019. *Economic, Environmental, and Social Benefits of Trails in Washington State*. Prepared for Washington State Recreation and Conservation Office. October.
- Environmental Science Associates (ESA). 2022a. *Public Services and Utilities Discipline Report for the Capitol Lake-Deschutes Estuary Long-Term Management Project Environmental Impact Statement*. Prepared for Washington State Department of Enterprise Services. July.
- Environmental Science Associates (ESA). 2022b. *Fish and Wildlife Discipline Report for the Capitol Lake-Deschutes Estuary Long-Term Management Project Environmental Impact Statement*. Prepared for Washington State Department of Enterprise Services. July.
- Environmental Science Associates (ESA). 2022c. *Land Use, Shorelines, and Recreation Discipline Report for the Capitol Lake-Deschutes Estuary Long-Term Management Project Environmental Impact Statement*. Prepared for Washington State Department of Enterprise Services. July.
- Environmental Science Associates (ESA). 2022d. *Visual Resources Discipline Report for the Capitol Lake-Deschutes Estuary Long-Term Management Project Environmental Impact Statement*. Prepared for Washington State Department of Enterprise Services. July.
- Executive Order 12898–Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations. 59 FR 7629. February 16, 1994.

- Fiddlehead Marina. 2020. "Fiddlehead Marina." Retrieved from <https://www.fiddleheadmarina.com/>.
- Hammitt, William E. "Assessing visual preference and familiarity for a bog environment." *The Future of Wetlands* (1983): 81-96.
- Heffron Transportation, Inc. (Heffron). 2022. *Transportation Discipline Report, Capitol Lake – Deschutes Estuary Long-term Management Project*. Prepared for Washington Department of General Administration. July.
- Herrera Environmental Consultants, Inc. 2022. *Water Quality Discipline Report for the Capitol Lake-Deschutes Estuary Long-Term Management Project Environmental Impact Statement*. Prepared for Washington State Department of Enterprise Services. July.
- Hirons, M., Comberti, C., & Dunford, R. 2016. Valuing cultural ecosystem services. *Annual Review of Environment and Resources*, 41, 545-574.
- Hite, D., Hudson, D., & Intarapapong, W. 2002. Willingness to pay for water quality improvements: The case of precision application technology. *Journal of Agricultural and Resource Economics*, 433-449.
- Intergovernmental Panel on Climate Change (IPCC). 2013. *Climate Change 2013: The Physical Science Basis. Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*.
- Interagency Working Group on Social Cost of Greenhouse Gases, United States Government. 2016. *Technical Support Document: Technical Update of the Social Cost of Carbon for Regulatory Impact Analysis - Under Executive Order 12866*.
- Jostad, J., J. Schultz, and M. Chase. 2017. State of Washington 2017 Assessment of Outdoor Recreation Demand Report. July.
- Kahneman, Daniel, Jack L. Knetsch, and Richard H. Thaler. 1991 "Anomalies: The endowment effect, loss aversion, and status quo bias." *Journal of Economic Perspectives* 5, No. 1 (1991): 193-206.
- Keeler, B. L., Polasky, S., Brauman, K. A., Johnson, K. A., Finlay, J. C., O'Neill, A., and Dalzell, B. 2012. Linking water quality and well-being for improved assessment and valuation of ecosystem services. *Proceedings of the National Academy of Sciences*, 109(45), 18619-18624.
- Layton, David, Gardner Brown, and Mark Plummer. 1999. *Valuing multiple programs to improve fish populations*. Dept. of Environmental Science and Policy, University of California, Davis, CA.
- Lenhart, A., Daniell, W., L. Gould, B. Cummings, and J. Childers. 2013. *Health Impact Assessment: Proposed Cleanup Plan for the Lower Duwamish Waterway Superfund Site, Assessment and Recommendations, Effects of the Proposed Cleanup Plan on Subsistence Fishing Populations. Technical Report*. June 13. University of Washington, Just Health Action, and Duwamish River Cleanup Coalition.
- Lewis, D. J., Dundas, S. J., Kling, D. M., Lew, D. K., & Hacker, S. D. 2019. The non-market benefits of early and partial gains in managing threatened salmon. *PloS one*, 14(8), e0220260.

- Martin Associates. 2016. *The Economic Benefits of the Port of Olympia*. Prepared for Port of Olympia. January 26.
- Matzek, V., Lewis, D., O'Geen, A., Lennox, M., Hogan, S.D., Feirer, S.T., Eviner, V. and Tate, K.W. 2020. Increases in soil and woody biomass carbon stocks as a result of rangeland riparian restoration. *Carbon balance and management*, 15(1), pp. 1-15.
- Millennium Ecosystem Assessment. 2006. *Millennium Ecosystem Assessment Synthesis Report*. Retrieved from <http://www.millenniumassessment.org/en/Products.Synthesis.aspx>.
- Miller, I.M., Morgan, H., Mauger, G., Newton, T., Weldon, R., Schmidt, D., Welch, M., Grossman, E. 2018. Projected Sea Level Rise for Washington State – A 2018 Assessment. A collaboration of Washington Sea Grant, University of Washington Climate Impacts Group, University of Oregon, University of Washington, and US Geological Survey. Prepared for the Washington Coastal Resilience Project.
- Mojica, J., Fletcher, A., 2020. Economic Analysis of Outdoor Recreation in Washington State, 2020 Update. Earth Economics. Tacoma, WA.
- Olick, D. "China trade ware triggers closings, layoffs at US hardwood lumber mills." *CNBC*, October 8, 2019.
- Olympia Yacht Club. 2020a. "Olympia Yacht Club Private Group." Facebook. Retrieved from <https://www.facebook.com/groups/olympiayachtclub>.
- Olympia Yacht Club. 2020b. "Olympia Yacht Club." Retrieved from <https://www.olympiayachtclub.org/>
- Port of Olympia. 2017a. *Port of Olympia Comprehensive Scheme of Harbor Improvements - Commission Approval Date: May 22, 2017*.
- Port of Olympia. 2017b. *Cargo Background*. Retrieved from <https://www.portolympia.com/DocumentCenter/View/2980/Port-Cargo-Background>
- Port of Olympia. 2019. *Returning Your Investment*. September 18. Retrieved from <http://portolympia.com/DocumentCenter/View/2936/Returning-Your-Investment?bidId=>
- Port of Olympia. 2020a. "Overview." Retrieved from <https://www.portolympia.com/152/NorthPoint>
- Port of Olympia. 2020b. "Market District." Retrieved from <https://www.portolympia.com/150/Market-District#:~:text=In%20the%20heart%20of%20downtown,space%2C%20and%20the%20Port%20Plaza>
- Port of Olympia. 2020c. "Port Plaza." Retrieved from <https://www.portolympia.com/165/Port-Plaza>
- Property Counselors. 2016. *Olympia Downtown Strategy: Market Analysis*. March. Retrieved from http://olympiawa.gov/~/_/media/Files/CPD/Planning/Downtown/Downtown%20Strategy%202017/Appendix%201%20Market%20Analysis.pdf?la=en
- Ramboll US Corporation. 2022. *Air Quality and Odor Discipline Report for the Capitol Lake-Deschutes Estuary Long-Term Management Project Environmental Impact Statement*. Prepared for Washington State Department of Enterprise Services. July.

- Rosenberger, R.S., White, E.M., Kline, J.D., Cvitanovich, C. 2017. *Recreation economic values for estimating outdoor recreation economic benefits from the National Forest System*. Gen. Tech. Rep. PNW- GTR-957. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station.
- Schroeder, Herbert W. "Variations in the perception of urban forest recreation sites." *Leisure Sciences* 5, no. 3 (1983): 221-230.
- State of Washington Office of Financial Management. 2018. *County Growth Management Population Projections by Age and Sex: 2010-40*.
- Terry, L.A. 1992. "SEPA: A Proposed Standard for Judicial Review of Agency Decisions Not to Require Preparation of a Supplemental Environmental Impact Statement." *University of Puget Sound Law Review* Vol. 15:957-987. Footnote 114.
- The Research Group. 2008. *Washington Commercial Fisheries Economic Value in 2006*. Washington Department of Fish and Wildlife. December.
- Thurston Climate Action Team. 2018. *Greenhouse Gas Inventory Report for Calendar Years 2010– 2016* Final Report. Prepared for Thurston County.
- Thurston County. 2020. *Parks in Thurston County*. Retrieved from <https://www.co.thurston.wa.us/parks/parks.htm>
- Thurston County Public Health & Social Services. 2003. Should there be a public swimming beach at Heritage Park?
- Thurston Regional Planning Council. 2018. Thurston Climate Adaptation Plan: Climate Resilience Actions for Thurston County and South Puget Sound.
- Thurston Regional Planning Council. 2019. *Employment Forecast Allocations for Thurston County, Final Report Thurston Regional Planning Council November 2019*. Retrieved from <https://www.trpc.org/DocumentCenter/View/7474/2018-Employment-Forecast-Allocations>
- Thurston Regional Planning Council. 2020a. "Major Private Employers (2018)." Retrieved from <https://www.trpc.org/425/Private-Employers>
- Thurston Regional Planning Council. 2020b. "Race & Ethnicity." Retrieved from <https://www.trpc.org/449/Race-Ethnicity>
- TCW Economics. 2008. *Economic analysis of the non-treaty commercial and recreational fisheries in Washington State*.
- U.S. Bureau of Economic Analysis. 2018. "Regional Data GDP and Personal Income CAEMP25N Total Full-Time and Part-Time Employment by NAICS Industry (Number of Jobs), Thurston County." Retrieved from <https://www.bea.gov/data>
- U.S. Bureau of Labor Statistics. 2019. "Table A. Occupational employment and wages by major occupational group, United States and the Olympia-Tumwater, WA Metropolitan Statistical Area, and measures of statistical significance, May 2019." Retrieved from <https://www.bls.gov/bls/blswage.htm>

- U.S. Bureau of Labor Statistics. 2020. "Local Area Unemployment Statistics, Olympia-Tumwater MSA, WA." Retrieved from https://www.bls.gov/eag/eag.wa_olympia_msa.htm
- U.S. Census Bureau. 2010a. "Median Household Income, 2010 5-Year Estimates, Table B03002." Retrieved from <https://data.census.gov/cedsci/>
- U.S. Census Bureau. 2010b. "Total Population, 2010 Decennial Census, Table P1." Retrieved from <https://data.census.gov/cedsci/>
- U.S. Census Bureau. 2018a. "Hispanic or Latino Origin by Race, 2018 5-Year Estimates, Table B03002." Retrieved from <https://data.census.gov/cedsci/>
- U.S. Census Bureau. 2018b. "Median Household Income, 2018 5-Year Estimates, Table B03002." Retrieved from <https://data.census.gov/cedsci/>
- U.S. Census Bureau. 2018c. "Poverty Status in the Past 12 Months, 2018 5-Year Estimates, Table S1701." Retrieved from https://data.census.gov/cedsci
- U.S. Census Bureau. 2018d. "Total Population, 2014-2018 5-Year Estimates, Table B01003." Retrieved from <https://data.census.gov/cedsci/>
- U.S. Census Bureau. 2019. "Port-level Exports." Retrieved from <http://usatrade.census.gov>
- U.S. Coast Gard. 2012. *2011 National Recreational Boating Survey*.
- U.S. Environmental Protection Agency (U.S. EPA), Region 10. 2020. *Total Maximum Daily Loads (TMDLs) for the Deschutes River and its Tributaries Sediment, Bacteria, Dissolved Oxygen, pH, and Temperature*.
- U.S. Environmental Protection Agency (U.S. EPA). 2010. *Guidelines for Preparing Economic Analyses*. December 17. Updated May 2014. Retrieved from <https://www.epa.gov/sites/production/files/2017-08/documents/ee-0568-50.pdf>
- Vleming, J. 2020. "Thurston County profile." Updated February 2020. Retrieved from <https://esd.wa.gov/labormarketinfo/county-profiles/thurston>
- Wallmo, K., & Lew, D. K. 2015. Public preferences for endangered species recovery: an examination of geospatial scale and non-market values. *Frontiers in Marine Science*, 2, 55.
- Washington Legislature (65th Legislature, 2018 Regular Session). 2018. *Engrossed Substitute Senate Bill 6095. Capitol Budget—Supplemental. Chapter 289*. March 27. Retrieved from <http://leap.leg.wa.gov/leap/budget/lbns/2018Cap6095-S.SL.pdf>
- Washington Department of Ecology. 2013. Fish Consumption Rates. Technical Support Document: A Review of Data and Information about Fish Consumption in Washington. Version 2.0 Final. January. Publication No. 12-09-058.
- Washington Department of Ecology. 2012. *Deschutes River, Capitol Lake, and Budd Inlet Temperature, Fecal Coliform Bacteria, Dissolved Oxygen, pH, and Fine Sediment Total Maximum Daily Load Technical Report*. June. Publication No. 12-03-008.

- Washington Office of Financial Management. 2017. "Projections of the Total Resident Population for Growth Management, 2017 GMA Projections, 1-Year Intervals, Medium Series." Retrieved from <https://www.ofm.wa.gov/washington-data-research/population-demographics/population-forecasts-and-projections/growth-management-act-county-projections>
- Washington State Gambling Commission. 2020. "Tribal Gambling." Retrieved from <https://www.wsgc.wa.gov/tribal-gaming#:~:text=Report%20a%20Violation,Tribal%20Gaming,for%20certain%20types%20of%20gaming>
- Washington State Recreation and Conservation Office. 2013. *Outdoor Recreation in Washington: The 2013 State Comprehensive Outdoor Recreation Plan*.
- White, E., Bowker, J. M., Askew, A. E., Langner, L. L., Arnold, J. R., & English, D. B. 2016. *Federal outdoor recreation trends: effects on economic opportunities*. Gen. Tech. Rep. PNW-GTR-945. Portland, OR: US Department of Agriculture, Forest Service, Pacific Northwest Station. 46 p., 945.
- Wilkins, J., J., Broman, and G. Bucove. 2018. *Activities to Promote Swanton Marina Guest Dock, Fuel Dock, and Launch Ramp Usage: A 2018 Citizens Advisory Committee Project Report*.
- Williams, D.R. 2007. "Recreation Settings, Scenery, and Visitor Experiences: A Research Assessment. Proceedings: National Workshop on Recreation Research and Management.

List of Personal Communications and Interviewees

Chuck Denney, Director, Tumwater Parks and Recreation

Len Faucher, Marine Terminal Director, Port of Olympia

Tomy Mollas, Capitol Security and Visitor Services, Department of Enterprise Services

Key-informant interviewees included in the data collection effort to identify impacts on downtown development were provided anonymity to protect the integrity of the research process. A description of the characteristics of interviewees and numbers of interviews conducted is included in Section 3.0 of the *Economics Discipline Report*.