

Chapter 5 References

- Anchor Environmental. 2006. Port of Kalama North Port Site Development Project Draft Wetland Mitigation Plan.
- Anchor Environmental and Golder Associates. 2006. Water Supply Inventory and Long-Term Water Supply and Demand Forecast Report, Columbia River Water Management Program.
- Bureau of Economic Analysis (BEA). 2006. *Regional Economic Information System, Bureau of Economic Analysis*, U.S. Department of Commerce.
<http://www.bea.gov/bea/regional/reis/>
- Bureau of Indian Affairs. 1995. *Cowlitz Indian Tribe Historical Technical Report*. Bureau of Indian Affairs Branch of Acknowledgment and Research, Washington, D.C.
- CH2M Hill. 2002. Groundwater Rights Evaluation, Port of Kalama. Prepared for the Port of Kalama. February.
- . 2004. Groundwater Rights Evaluation, Port of Kalama.
- City of Kalama. 2002. Water System Plan, Volume I: System Analysis and Capital Improvement Plan. August.
- Collector Well International (CWI). 2006. Collector Well Feasibility Study Report. Prepared for the Port of Kalama and CH2M Hill. October 5, 2006.
- Columbia River Inter-Tribal Fish Commission. 1996. The Columbia River Anadromous Fish Restoration Plan of the Nez Perce, Umatilla, Warm Springs, and Yakama Tribes. Portland, OR.
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of Wetlands and Deepwater Habitats of the United States. US Fish and Wildlife Service. FWS/OBS 79/31.

5-2 References

- Cowlitz County. 2005. Cowlitz County Critical Areas Ordinance. Chapter 19.15 of the Cowlitz County Code. Revised December 1.
- . 2006. *Automatic Traffic Count Data for West Kalama River Road* dated Oct 2000. Department of Public Works.
- Craig, J. A., and R. L. Hacker. 1940. The history and development of the fisheries of the Columbia River. U.S. Bureau of Fisheries *Bulletin* 32:133-216.
- CTED – see Washington State Department of Community, Trade, and Economic Development
- Dames & Moore. 1974. *Soils and Foundation Investigation, Proposed Mill Development, Kalama, Washington*. December 20.
- Ecology – see Washington State Department of Ecology
- Evarts, Russell C. 2002. *Geologic Map of the Deer Island Quadrangle, Columbia County, Oregon and Cowlitz County, Washington*.
- Excelsior Energy, Inc. 2005. Why IGCC? The Mesaba Energy Project: Workshop on Gasification Technologies. Knoxville, Tennessee.
- . 2006. *Joint Permit Application for the Mesaba Energy Project, Environmental Supplement: Section Three*. June 16.
- Federal Emergency Management Agency (FEMA). 1974. *Flood Insurance Rate Map, Cowlitz County, Washington*. Revised October 15, 1980.
- Ferraro, Robert. John Zink Company LLC. Various communications with Kristen Wallace, Geomatrix Consultants, Inc. June 2006.
- Forsman, Leonard A., Dennis E. Lewarch, Laura R. Murphy, Lynn L. Larson, Jason B. Cooper. 2000. *Cultural Resources Assessment of Proposed Spanaway, East Napavine, and Kalama Regeneration Sites in Pierce, Lewis, and Cowlitz Counties, Washington*. Prepared by Larson Anthropological Services, Technical Report #99-13, for Jones & Stokes Associates, Bellevue. Gig Harbor, Washington.
- Geomatrix Consultants, Inc. 1995. Seismic design mapping for the State of Oregon. Unpublished final report prepared for the Oregon Department of Transportation.
- Harris, S.L. 1980. *Fire and Ice: The Cascade Volcanoes*. The Mountaineer and Pacific Search Press, Seattle, Washington.
- Hart Crowser. 1995a. *Preliminary Environmental Site Assessment, Port of Kalama – North Port Property, Kalama, Washington*. February 28.

- . 1995b. *Baseline Assessment of Dredge Fill Sands, Port of Kalama – North Port Property, Kalama, Washington*. March 9.
- Hicks, B.J., J.D. Hall, P.A. Bisson, and J.R. Sedell. 1991. Responses of salmonid populations to habitat changes caused by timber harvests. Pages 483-518 in W.R. Meehan, ed. *Influence of forest and rangeland management on salmonid fishes and their habitat*. *Amer. Fish. Soc., Spec. Pub.* 19, Bethesda, MD.
- Hinton, Susan A. and Robert L. Emmett. 1994. Juvenile Salmonid Stranding in the Lower Columbia River, 1992 and 1993. NOAA Technical memorandum NMFS-NWFSC-20.
- Hutton, R. 2005. Thomas Wetland Summer 2004 Temperatures Technical Report. Prepared for Clark County Public Works, Water Resources Section. September 26.
- Institute of Transportation Engineers (ITE). 1997. *Trip Generation*. 6th Edition.
- Johnson, David H. and Thomas A. O’Neil. 2001. *Wildlife-Habitat Relationships in Oregon and Washington*. Oregon State University Press, Corvallis, Oregon.
- Knutson, K. L. and V. L. Naef. 1997. Management recommendations for Washington’s priority habitats. Washington Department of Fish and Wildlife, Olympia, WA.
- Lee, D.S., C.R. Gilbert, C.H. Hocutt, R.E. Jenkins, D.E. McAllister, and J.R. Stauffer, Jr. 1980. *Atlas of American Freshwater Fishes*. Pub. 1980-12 of the North Carolina Biological Survey. Raleigh: North Carolina State Museum of Natural History.
- Lower Columbia Fish Recovery Board (LCFRB). 2006. Salmon-Washougal and Lewis Watershed Management Plan. Prepared under Ecology Grant No. 9900294 for the Clark, Cowlitz, and Skamania Counties.
- Mahoney, Bill. Sheriff, Cowlitz County Sheriff’s Department. Telephone conversation with Katie Carroz, URS Corporation. June 5, 2006.
- Martin, Michael. 1985. *Port of Kalama Cultural Resources. Disposition Form NPPPL-NR-MP*. US Army Corps of Engineers, Portland District.
- Merchants Exchange. 2004. The Merchants Exchange Annual Report for 2004. Available at: <http://www.pdxmex.com/>
- Morace, J.L. 2006. Water-quality data, Columbia River Estuary, 2004-05: U.S. Geological Survey *Data Series* 213, 18 p.
- National Academy of Sciences. 1979. *Odors from Stationary and Mobile Sources*. National Research Council.

- National Marine Fisheries Service (NMFS). 2000. Guidelines for Electrofishing Waters Containing Salmonids Listed Under the Endangered Species Act. June 2000. 5 pages.
- National Resource Council (NRC). 2004. *Managing the Columbia River: Instream flows, water withdrawals, and salmon survival*. The National Academies Press. Washington, D.C.
- Parametrix, Inc. 1995. *Level 1 Environmental Site Assessment, Pacific Northwest Flat Products Facility, North Port Property, Port of Kalama*. January.
- PBS Engineering and Environmental (PBS). 2006. *Geotechnical Data Report, Pacific Mountain Energy Center, Kalama, Washington*. July 28.
- Pearson, W.H., J.R. Salaki, G.E. Johnson, G.D. Williams, K.L. Sobocinski, J.A. Southard, M.C. Miller, and R.A. Buchanan. 2006. A Study of Stranding of Juvenile Salmon by Ship Wakes Along the Lower Columbia River Using a Before-and-After Design: Before-Phase Results. Final Report. Prepared for the U.S. Army Corps of Engineers, Portland District, Portland, Oregon. Contract number DE-AC05-76RL01830.
- Pezzopane, S.K. 1993. *Active faults and earthquake ground motions in Oregon*. Ph.D. Thesis, University of Oregon, 208 p.
- Priest, G.R.. 1995. Explanation of Mapping Methods and Use of the Tsunami Hazard Maps of the Oregon Coast. Oregon Department of Geology and Mineral Industries, *Open File Report O-95-67*.
- Rezaiyan, John A., Thomas F. Bechtel, and Sasha Mackler. 2005. Assessing the Economic Potential of IGCC with Liquid Sparging.
- Rinella, J.F., McKenzie, S.W., and Fuhrer, G.J. 1992. Surface-water-quality assessment of the Yakima River Basin, Washington--Analysis of available water-quality data through 1985 water year. U.S. Geological Survey *Open-File Report* 91-453. 244 p.
- Ruby, Robert H. and John A. Brown. 1992. *A Guide to the Indian Tribe of the Pacific Northwest*. University of Oklahoma Press: Norman.
- Schinell, Laura. Energy Northwest. Email communication between Laura Schinell, Energy Northwest, and Katie Carroz, URS Corporation. May 16, 2006.
- Schuster, R.L. 1989. Engineering Geologic Effects of the 1980 Eruptions of Mount Saint Helens. *Engineering Geology in Washington*. Washington Division of Geology and Earth Resources Bulletin 78, Volume II, p. 1203-1228.
- Silverstein, Michael. 1990. Chinookans of the Lower Columbia. In *Handbook of North American Indians, vol. 7, Northwest Coast*, edited by W. Suttles. W.C. Sturtevant, general editor. Smithsonian Institution, Washington, D.C.

- Somers, Sheldon. Cowlitz County Department of Building and Planning. Phone conversation with Bill Kidder, URS Corporation. January 26, 2007.
- Sullivan, K., T.E. Lisle, C.A. Dollof, G.E. Grant, and L.M. Reid. 1987. Stream channels: the link between forests and fishes. Pages 39-97 in E.O. Salo and T.W. Cundy (Eds.). *Streamside Management: Forestry and Fishery Interactions. Contribution No. 57. Coll. of For. Resourc.*, Univ. of Wash., Inst. of For. Resourc., Seattle, WA.
- Theis, C.V. 1935. The relation between the lowering of piezometric surface and the rate and duration of discharge of a well using groundwater storage. *Transactions of the American Geophysical Union*, 2, pp. 519-524.
- Transportation Research Board. 2000. *Highway Capacity Manual*.
- TravelWashington. 2006. TravelWashington website. <http://travel.ian.com/index.jsp>
- Uber, John. Siemens Westinghouse. Various communications with Kristen Wallace, Geomatrix Consultants, Inc. July 2006.
- Urrutia, Virginia. 1998. *They Came to Six Rivers: The Story of Cowlitz County*. Published by the Cowlitz County Historical Society, Kelso, Washington.
- URS Corporation. 2007a. Engineering Report in support Pacific Mountain Energy Center NPDES Application. In preparation.
- . 2007b. Pacific Mountain Energy Center Wetland Delineation Report.
- . 2007c. Pacific Mountain Energy Center Conceptual Mitigation Plan.
- US Army Corps of Engineers (USACE). 1990. Memorandum of Agreement: The Determination of Mitigation Under the Clean Water Act Section 404(b)(1) Guidelines. Department of the Army and U. S. Environmental Protection Agency, Washington, D. C.
- . 2006. *Allowable Work Windows* available at: http://www.nws.usace.army.mil/PublicMenu/Menu.cfm?sitename=REG&pagename=work_windows
- US Census. 1990. *STF 3 Tables H004 and H008*; www.census.gov
- . 2000a. *SF 3 Table P87*. www.census.gov
- . 2000b. *SF 3 Tables H6, H7, and H18*. www.census.gov
- . 2000c. *U.S. Census, SF 3 Tables H63 and H76*. www.census.gov
- . 2005. Population Estimates for All Places 2000 to 2005. <http://www.census.gov>.

- US Department of Agriculture (USDA). 1988. *Soil Survey of Cowlitz County, Washington*.
- US Environmental Protection Agency (USEPA). 1971. *Noise from Construction Equipment and Operations, Building Equipment, and Home Appliances*, Technical Report NTID300.1.
- . 1974. *Information on Levels of Environmental Noise Requisite to Protect Public Health and Welfare with an Adequate Margin of Safety*, EPA 550/9-74-004.
- US Fish and Wildlife Service (USFWS). 2005. Listed and proposed endangered and threatened species and critical habitat; candidate species; and species of concern in western Washington, Cowlitz County, revised December 20, 2005. Western Washington Fish and Wildlife Field Office, Lacey, Washington.
- US Geological Survey. 1990. Kelso and Mount Brynion 7.5-minute topographic quadrangle.
- Walsh, T.J., Korosec, M.A., Phillips, W.M., Logan, R.L., and H.W. Schasse. 1987. *Geologic Map of Washington – Southwest Quadrant*.
- Washington Department of Fish and Wildlife (WDFW). 2006. Priority Habitats and Species Report in the vicinity of T 07N R 01W Sections 18 and 31. Priority Habitats and Species Map Desk, Olympia Washington. February.
- Washington Natural Heritage Program (WNHP). 2000. *Field Guide to Washington's Rare Plants*. Washington Department of Natural Resources and USDI Bureau of Land Management, Spokane District. Olympia, Washington.
- . 2006. Washington Natural Heritage Program Geographic Information System Data Set. Washington State Department of Natural Resources. Olympia, Washington.
- Washington Office of Financial Management (WOFM). 2006a. *Population of Cities, Towns, and Counties* <http://www.ofm.wa.gov/pop/april1/default.asp>
- . 2006b. *Intercensal and Postcensal Estimates of County Population by Age and Sex: 1980-2005*. November 2005. <http://www.ofm.wa.gov/pop/coagemf/state.pdf>, <http://www.ofm.wa.gov/pop/coagemf/cowlitz.pdf>
- . 2006c. *2004 Total Population Estimates by Age, Gender and Race: Washington and Its Counties*. <http://www.ofm.wa.gov/pop/race/2004estimates.asp> and http://www.ofm.wa.gov/pop/race/2004%20race_estimates.xls
- . 2006d. *2002 Projections of the Total Resident Population for the Growth Management Act*. Intermediate Sewer: 2000 to 2025. Released January, 2002. <http://www.ofm.wa.gov/pop/gma/projections.asp>
- . 2006e. *Household Projections (Illustrative)*. August 2002. Table 1. Total households forecast based on 2002 Intermediate Series GMA county projections.

- Washington State Department of Community, Trade, and Economic Development (CTED). 2005. Biennial Energy Report. January.
- . 2007. Washington's Greenhouse Gas Emissions: Sources and Trends. Stacey Waterman-Hoey and Greg Nothstein. February 12.
<http://www.cted.wa.gov/DesktopModules/CTEDPublications/CTEDPublicationsView.aspx?tabID=0&ItemID=3957&MIId=863&wversion=Staging>
- Washington State Department of Ecology (Ecology). 2003. National Pollutant Discharge Elimination System Waste Discharge Permit, Port of Kalama, Permit No. WA0040843 and Fact Sheet for NPDES Permit WA-004084-3. October 14.
- . 2005a. *2005 Stormwater Management Manual for Western Washington*.
- . 2005b. National Pollutant Discharge Elimination System Waste Discharge Permit, Steelscape Inc. Permit No. WA0040851. April 22.
- . 2006a. Report of Examination, Water Application No. G2-30283. December 19.
- . 2006b. *Water Quality Program Permit Writer's Manual*. Publication 92-109. Revised July.
- . 2006c. Water Quality Standards for Surface Waters of the State of Washington, Chapter 173-201A WAC. Amended November 20.
- . 2007. Columbia River Water Management Program Final Programmatic Environmental Impact Statement. Publication # 07-11-009. February 15.
- Washington State Patrol (WSP). 2006. Vancouver District No. 5. Websites
<http://www.wsp.wa.gov/about/d5detach.htm#kelso.m> and
<http://www.wsp.wa.gov/about/district5.htm>
- Washington State Transportation Commission (WSTC). 2006. Statewide Rail Capacity and System Needs Study. Final Report. www.wstc.gov/Rail/RailFinalReport.pdf
- Western Regional Climate Center. 2007. St Helens RFD, Oregon (357466) Period of Record Monthly Climate Summary, Period of Record : 8/ 1/1976 to 10/31/2006. available at:
<http://www.wrcc.dri.edu/cgi-bin/cliMAIN.pl?or7466>
- Wilson, Mark. Manager of Planning, Port of Kalama. Personal communication with Sarah McDaniel, URS Corporation. May 8, 2006.
- Wilson, Tom. General Manager, Cascade Natural Gas, Longview Office. Phone conversation with Bill Kidder, URS Corporation. January 25, 2007.

5-8 References

- Wolfe, E.W. and T.C. Pierson. 1995. Volcanic-Hazard Zonation for Mount St. Helens, Washington. USGS *Open-File Report* 95-497.
- Wong, I.G., Pezzopane, S.K., and R. Blakely. 1999. A characterization of seismic sources in western Washington and northwestern Oregon [abs.]. *Seismological Research Letters*, v.70, p. 221.
- Wong, I., W. Silva, J. Bott, D Wright, P. Thomas, N. Gregor, S. Li, M. Mabey, A. Sojourner, and Y. Wang. 2000. *Earthquake scenario and probabilistic ground shaking maps for the Portland, Oregon Metropolitan Area*. Oregon Department of Geology and Mineral Industries Interpretative Map Series IMS-16.
- Woodall's Camping Directory. 2006. <http://www.woodalls.com/>
- Wydoski, R. S., and R. R. Whitney. 2003. *Inland fishes of Washington*. Second edition. American Fisheries Society, Bethesda, Maryland and University of Washington Press, Seattle.
- Zimmerman, M. 1999. An overview of Columbia River predation studies. pp. 89-92 in *Management Implications of Co-occurring Native and Introduced Fishes: Proceedings of the Workshop*. ODFW and NMFS. October 27-28, 1998, Portland, OR.