

## References

- 10 CFR 835. *Occupational Radiation Protection*. U.S. Code of Federal Regulations. Online at: <http://www.gpoaccess.gov/cfr/index.html>.
- 40 CFR 50. *National Primary and Secondary Ambient Air Quality Standards*. U.S. Code of Federal Regulations.
- 40 CFR 61. *National Emission Standards for Hazardous Air Pollutant*. U.S. Code of Federal Regulations.
- 40 CFR 81.348. *Designation of Areas for Air Quality Planning Purposes, Washington, Attainment Status Designations*. U.S. Environmental Protection Agency.
- 40 CFR 81.434. *Designation of Areas for Air Quality Planning Purposes, Washington, Identification of Mandatory Class I Federal Areas Where Visibility Is an Important Value*. U.S. Environmental Protection Agency.
- 40 CFR 201-211. *Subchapter G. Protection of Environment: Noise Abatement Programs*. U.S. Code of Federal Regulations.
- 50 CFR 17. *Wildlife and Fisheries. United States Fish and Wildlife Service, Department of the Interior, Endangered and Threatened Wildlife and Plants*. U.S. Code of Federal Regulations.
- 16 USC 470, *et seq.* *National Historic Preservation Act (NHPA) of 1966*. Online at: <http://www4.law.cornell.edu>
- 16 USC 470aa, *et seq.* *Archaeological Resources Protection Act of 1979*. Online at: <http://www4.law.cornell.edu>
- 25 USC 3001, *et seq.* *Native American Graves Protection and Repatriation Act*. Online at: <http://www4.law.cornell.edu>
- 42 USC 6901, *et seq.* *Resource Conservation and Recovery Act (RCRA) of 1976*. Online at: <http://www4.law.cornell.edu>
- 42 USC 7401. *Clean Air Act*. U.S. Code of Federal Regulations.
- 42 USC 9601, *et seq.* *Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980*. Online at: <http://www4.law.cornell.edu>
- 59 FR 7629. “Executive Order 12898: Federal Actions to Address Environmental Justice in Minority Populations and Low-income Populations.” *Federal Register* (February 16, 1994).
- 64 FR 61615. “Record of Decision: Hanford Comprehensive Land-Use Plan Environmental Impact Statement (HCP EIS).” *Federal Register* (November 12, 1999).
- 65 FR 37253. “Establishment of the Hanford Reach National Monument.” *Federal Register* (June 9, 2000).

66 FR 9663. "Clean Air Act Reclassification; Wallula, Washington Particulate Matter (PM-10) Nonattainment Area." U.S. Environmental Protection Agency.

Agnew, S.F. 1997. *Hanford Tank Chemical and Radionuclide Inventories: HDW Model, Rev. 4*. LA-UR-96-3860. Online at: <http://lib-www.lanl.gov/la-pubs/00326181.pdf>

American Wind Energy Association. 2003. *Washington State Wind Energy Development*. Online at: <http://www.awea.org/projects/washington.html>

Anderson, J.D. 1990. *A History of the 200 Area Tank Farms*. WHC-MR-0132, Westinghouse Hanford Company, Richland, Washington.

Andrefsky, Jr., W., L.L. Hale, and D.A. Harder. 1996. *1995 WSU Archaeological Block Survey of the Hanford 600 Area*. Project Report No. 29. Center for Northwest Anthropology, Department of Anthropology, Washington State University, Pullman, Washington.

BAER 2000. *24 Command Fire Burn Area Emergency Rehabilitation (BAER) Plan*. Northern States Burned Area Emergency Rehabilitation Team, U.S. Department of the Interior, Washington, D.C.

Baker, V.R., and R.C. Bunker. 1985. "Cataclysmic late Pleistocene flooding from glacial Lake Missoula: A review". *Quaternary Science Reviews* 4:1-41.

Bard, J.C. 1997. "Ethnographic /Contact Period (Lewis and Clark 1805 – Hanford Engineer Works 1943) of the Hanford Site, Washington." In *National Register of Historic Places Multiple Property Documentation Form – Historic, Archaeological and Traditional Cultural Properties of the Hanford Site, Washington*. DOE/RL-97-02. Richland, Washington.

Bauer, H.H., J.J. Vaccaro, and R.C. Lane. 1985. *Maps Showing Ground-Water Levels in the Columbia River Basalt and Overlying Materials, Spring 1983, Southeastern Washington*. Water Resources Investigation Report 84-4360, U.S. Geological Survey, Tacoma, Washington.

Beak Consultants Inc. 1980. *Aquatic Ecological Studies Near WNP-1, 2 and 4*. August 1978-March 1980. WPPSS Columbia River Ecology Studies, Vol. 7, prepared for Washington Public Power Supply System by Beak Consultants Inc., Portland, Oregon.

Becker, J.M. 1993. *A Preliminary Survey of Selected Structures on the Hanford Site for Townsend's Big-Eared Bat (*Plecotus townsendii*)*. PNL-8916, Pacific Northwest Laboratory, Richland, Washington.

Belnap, J., J.H. Kaltenecker, R. Rosentreter, J. Williams, S. Leonard, and D. Eldrige. 2001. *Biological Soil Crusts: Ecology and Management*. Technical Reference 1730-2. Bureau of Land Management, Denver, Colorado.

Benton Franklin Council of Governments (BFCOG). 2003. *Major Employers in Benton, Franklin and Walla Walla Counties*. Benton Franklin Council of Governments, Richland, Washington. Available URL: <http://www.benton-franklin.cog.wa.us/transportation.html>. (Data accessed May 21,2004).

Ben Franklin Transit (BFT). 2003. *Comprehensive Annual Financial Report*. May 2004. Ben Franklin Transit, Richland, WA.

BFCOG (see Benton Franklin Council of Governments)

BFT (see Ben Franklin Transit)

Bisping L.E. 2003. *Hanford Site Environmental Surveillance Data Report for Calendar Year 2002*. PNNL-14295 Appendix 1, Pacific Northwest National Laboratory, Richland, Washington.

Bjornstad, B.N., K.R. Fecht, and C.J. Pluhar. 2001. "Long history of Pre-Wisconsin, Ice-Age cataclysmic floods: evidence from southeastern Washington State". *Journal of Geology* 109:695-713.

Brandt, C.A., C.E. Cushing, W.H. Rickard, N.A. Cadoret, and R. Mazaika. 1993. *Biological Resources of the 300-FF-5 Operable Unit*. WHC-SD-EN-TI-121, Westinghouse Hanford Company, Richland, Washington.

Bretz, J H., H.T.U. Smith, and G.E. Neff. 1956. "Channeled Scabland of Washington: New Data and Interpretations". *Geological Society of America Bulletin*. 67:957-1049.

Brown, R.E. 1970. *Interrelationships of Geologic Formations and Processes Affecting Ecology as Exposed at Rattlesnake Springs, Hanford Project*. BNWL-B-29, Pacific Northwest Laboratories, Richland, Washington.

Brown, R.E. 1979. *A Review of Water Well Data from the Unconfined Aquifer in the Eastern and Southern Parts of the Pasco Basin*. RHO-BWI-C-56, Rockwell Hanford Operations, Richland, Washington.

Bureau of Labor Statistics (BLS). 2004. *Industry Injury and Illness Data*. Bureau of Labor Statistics, U.S. Department of Labor, Washington DC. Online at: <http://www.bls.gov/iif/oshsum.htm>

Cadwell, L.L. 1994. *Wildlife Studies on the Hanford Site: 1993 Highlights Report*. PNL-9380, Pacific Northwest Laboratory, Richland, Washington.

Cantrell K.J., R.J. Serne, and G.V. Last. 2002. *Hanford Contaminant Distribution Coefficient Database and Users Guide*. PNNL-13895, Pacific Northwest National Laboratory, Richland, Washington.

Cardenas, A., J. Lewinsohn, C. Auger, J.L. Downs, L.L. Cadwell, and R. Burrows. 1997. *Characterization of a Sagebrush (*Artemisia tridentata* spp. *wyomingensis*) Die-Off on the Hanford Site*. PNNL-11673, Pacific Northwest National Laboratory, Richland, Washington.

Census (See U.S. Census Bureau).

CEQ (see Council on Environmental Quality).

Chatters, J.C. 1982. "Prehistoric Settlement and Land Use in the Dry Columbia Basin." *Northwest Anthropological Research Notes* 16:125-147.

Chatters, J.C., and N.A. Cadoret. 1990. *Archeological Survey of the 200-East and 200-West Areas, Hanford Site, Washington*. PNL-7264, Pacific Northwest Laboratory, Richland, Washington.

Chatters, J.C., H.A. Gard, and P.E. Minthorn. 1992. *Fiscal Year 1991 Report on Archaeological Surveys of the 100 Areas, Hanford Site, Washington*. PNL-8143, Pacific Northwest Laboratory, Richland, Washington.

CNSS (see Council of the National Seismic System).

Cole, C.R., M.P. Bergeron, C.J. Murray, P.D. Thorne, S.K. Wurstner, P. Rogers. 2001. *Uncertainty Analysis Framework Hanford Site-Wide Groundwater Flow and Transport Model*. PNNL-13641, Pacific Northwest National Laboratory, Richland, Washington.

Columbia River Inter-Tribal Fish Commission. 1994. *A Fish Consumption Survey of the Umatilla, Nez Perce, Yakama, and Warm Springs Tribes of the Columbia River Basin*. CRITFC Technical Report No. 94-3, Portland, Oregon.

Connelly, M.P., B.H. Ford, and J.V. Borghese. 1992a. *Hydrogeologic Model for the 200 West Groundwater Aggregate Area*. WHC-SD-EN-TI-014, Rev. 0, Westinghouse Hanford Company, Richland, Washington.

Connelly, M.P., B.H. Ford, J.W. Lindberg, S.J. Trent, C.D. Delaney, and J.V. Borghese. 1992b. *Hydrogeologic Model for the 200 East Groundwater Aggregate Area*. WHC-SD-EN-TI-019, Westinghouse Hanford Company, Richland, Washington.

Coopey, R.W. 1953. *The Abundance of the Principal Crustacea of the Columbia River and the Radioactivity they Contain*. HW-251, Hanford Atomic Products Operation, Richland, Washington.

Corps (see U.S. Army Corps of Engineers).

Council on Environmental Quality (CEQ). 1997. *Environmental Justice. Guidance Under the National Environmental Policy Act*. Executive Office of the President, Washington, D.C.

Council of the National Seismic System (CNSS). 2001. On-line Earthquake Catalog. Council of the National Seismic System. Online at: <http://www.quake.geo.berkeley.edu/cnss>

CRITFC (see Columbia River Inter-Tribal Fish Commission).

Cushing, C.E., Jr. 1967a. "Concentration and Transport of  $^{32}\text{P}$  and  $^{65}\text{Z}$  by Columbia River Plankton." *Limnology and Oceanography* 12:330-332.

Cushing, C.E., Jr. 1967b. "Periphyton Productivity and Radionuclide Accumulation in the Columbia River, Washington, USA." *Hydrobiologia* 29:125-139.

Cushing, C.E., and E.G. Wolf. 1982. "Organic Energy Budget of Rattlesnake Springs, Washington." *American Midland Naturalist* 107(2): 404-407.

Cushing, C.E., and E.G. Wolf. 1984. "Primary Production in Rattlesnake Springs, a Cold Desert Spring-Stream." *Hydrobiologia* 114:229-236.

Cushing, C.E., C.D. McIntire, J.R. Sedell, K.W. Cummins, G.W. Minshall, R.C. Petersen, and R.L. Vannote. 1980. "Comparative Study of Physical-Chemical Variables of Streams Using Multivariate Analyses." *Arch. Hydrobiologia* 89(3):343-352.

Daubenmire, R. 1970. *Steppe Vegetation of Washington*. Technical Bulletin 62, Experimental Station, Washington State University, Pullman, Washington.

- Dauble, D.D., and D.G. Watson. 1990. *Spawning and Abundance of Fall Chinook Salmon (Oncorhynchus tshawytscha) in the Hanford Reach of the Columbia River, 1948-1988*. PNL-7289, Pacific Northwest Laboratory, Richland, Washington.
- Dauble, D.D., and D.G. Watson. 1997. Status of Fall Chinook Salmon Populations in the Mid Columbia River, 1948-1992. *North American Journal of Fisheries Management* 17: 283-300.
- Daugherty, R.D. 1952. "Archaeological Investigations of O'Sullivan Reservoir, Grant County, Washington." *American Antiquity* 17: 274-278.
- Davis, J.J., and C.L. Cooper. 1951. *Effect of Hanford Pile Effluent upon Aquatic Invertebrates in the Columbia River*. HW-20055, Hanford Works, Richland, Washington.
- DOC (see U.S. Department of Commerce).
- DOE (see U.S. Department of Energy).
- DOI (see U.S. Department of the Interior).
- DOL (see U.S. Department of Labor Employment and Training Administration).
- Dorian, J.J., and V.R. Richards. 1978. *Radiological Characterization of the Retired 100 Areas*. UNI-946, United Nuclear Industries, Inc., Richland, Washington.
- Downs, J.L., W.H. Rickard, C.A. Brandt, L.L. Cadwell, C.E. Cushing, D.R. Geist, R.M. Mazaika, D.A. Neitzel, L.E. Rogers, M.R. Sackschewsky, and J.J. Nugent. 1993. *Habitat Types on the Hanford Site: Wildlife and Plant Species of Concern*. PNL-8942, Pacific Northwest Laboratory, Richland, Washington.
- Drost, B.W., K.M. Schurr, and W.E. Lum II. 1989. *Selected Ground-Water Information for the Pasco Basin and Adjacent Areas, Washington, 1986-1989*. Open-File Report 89-228, U.S. Geological Survey, Tacoma, Washington.
- Drucker, P. 1948. *Appraisal of the Archaeological Resources of the McNary Reservoir, Oregon-Washington*. Report on file, Columbia Basin Project, River Basin Survey, Smithsonian Institution, Washington, D.C.
- Eberhardt, L.E., R.E. Anthony, and W.H. Rickard. 1989. "Survival of Juvenile Canada Geese during the Rearing Period." *Journal of Wildlife Management* 53:372-377.
- Ecology. (See Washington State Department of Ecology).
- EIA (see Energy Information Administration)
- Emery, R.M., and M.C. McShane. 1978. *Comparative Ecology of Nuclear Waste Ponds and Streams on the Hanford Site*. PNL-2499, Pacific Northwest Laboratory, Richland, Washington.
- Emery, R.M., and M.C. McShane. 1980. "Nuclear Waste Ponds and Streams on the Hanford Site: An Ecological Search for Radiation Effects." *Health Physics* 38:787-809.
- Energy Information Administration (EIA). 2004. *Annual Energy Outlook 2004 with Projections to 2025*. DOE/EIA-0383(2004), Washington, DC. January 2004.

ERDA (see U.S. Energy Research and Development Administration).

ERTEC. 1981. *Cultural Resources Survey and Exploratory Excavations for the Skagit-Hanford Nuclear Power Project*. ERTEC Northwest, Seattle, Washington.

Evans, J. R., M. P. Lih, and P. W. Dunwiddie (eds.). 2003. *Biodiversity Studies of the Hanford Site, Final Report: 2002-2003*. Prepared for the U.S. Department of Energy and U.S. Fish and Wildlife Service, Hanford Reach National Monument, in partial fulfillment of federal grant DE-FG-06-02RL14344, by The Nature Conservancy, Seattle Washington.

Fayer M.J., and J.E. Szecsody. 2004. *Recharge Data Package for the 2005 Integrated Disposal Facility Performance Assessment*. PNNL-14744, Pacific Northwest National Laboratory, Richland, Washington.

Fayer, M.J., and T.B. Walters. 1995. *Estimated Recharge Rates at the Hanford Site*. PNL-10285, Pacific Northwest National Laboratory, Richland, Washington.

Fayer M.J., G.W. Gee, M.L. Rockhold, M.D. Freshley, and T.B. Walters. 1996. "Estimating Recharge Rates for a Groundwater Model using a GIS." *Journal of Environmental Quality* 25: 510-518.

Fecht, K.R., S.P. Reidel, and A.M. Tallman. 1987. *Paleodrainage of the Columbia River System on the Columbia Plateau of Washington State - A Summary*. Washington Division of Geology and Earth Resources Bulletin 77.

Fecht, K.R., K.A. Lindsey, B.N. Bjornstad, D.G. Horton, G.V. Last, and S.P. Reidel. 1998. *An Atlas of Clastic Injection Dikes of the Pasco Basin and Vicinity*. BHI-01103. Online at: <http://www.erc.rl.gov/~pgs/readroom/BHI/01103/Intro.pdf>

Fecht, K.R., K.A. Lindsey, B.N. Bjornstad, D.G. Horton, G.V. Last, and S.P. Reidel. 1999. *Clastic Injection Dikes of the Pasco Basin and Vicinity - Geologic Atlas Series*. BHI-01103, Rev. 0. Online at: <http://www.erc.rl.gov/~pgs/ClasticDikes.pdf>

Fitzner, R.E., and R.H. Gray. 1991. "The Status, Distribution, and Ecology of Wildlife on the U.S. DOE Hanford Site: A Historical Overview of Research Activities." *Environ. Monit. Assess.* 18:173-202.

Freshley, M.D., and M.J. Graham. 1988. *Estimation of Ground-Water Travel Time at the Hanford Site: Description, Past Work, and Future Needs*. PNL-6328, Pacific Northwest National Laboratory, Richland, Washington.

Gaines, W.E. 1987. *Secondary Production of Benthic Insects in Three Cold Desert Streams*. PNL-6286, Pacific Northwest Laboratory, Richland, Washington.

Gaines, W.L., C.E. Cushing, and S.D. Smith. 1992. "Secondary Production Estimates of Benthic Insects in Three Cold Desert Streams." *Great Basin Naturalist* 52(1):11-24.

Gee, G.W., M.J. Fayer, M.L. Rockhold, and M.D. Campbell. 1992. "Variations in Recharge at the Hanford Site." *Northwest Science* 66:237-250.

Geomatrix. 1994. *Probabilistic Seismic Hazard Assessment DOE Hanford Site, Washington*. Prepared for Westinghouse Hanford Company. WHC-SD-W236A-TI-002, Westinghouse Hanford Company, Richland, Washington.

Geomatrix. 1996. *Probabilistic Seismic Hazard Analysis DOE Hanford Site, Washington*. Prepared for Westinghouse Hanford Company. WHC-SD-W236A-TI-002, Rev. 1, Westinghouse Hanford Company, Richland, Washington.

Gephart, R.E. 1999. *A Short History of Plutonium Production and Nuclear Waste Generation, Storage, and Release at the Hanford Site*. PNNL-SA-32152, Pacific Northwest National Laboratory, Richland, Washington.

Gephart, R.E., P.A. Eddy, R.C. Arnett, and G.A. Robinson. 1976. *Geohydrologic Study of the West Lake Basin*. ARH-CD-775, Atlantic Richfield Hanford Company, Richland, Washington.

Gilmore, T.J., D.R. Newcomer, S.K. Wurstner, and F.A. Spane Jr. 1992. *Calculation of Groundwater Discharge to the Columbia River in the 100-N Area*. PNL-8057, Pacific Northwest Laboratory, Richland, Washington.

Glantz, C.S., M.N. Schwartz, K.W. Burk, R.B. Kasper, M.W. Ligothke, and P.J. Perrault. 1990. *Climatological Summary of Wind and Temperature Data for the Hanford Meteorology Monitoring Network*. PNL-7471, Pacific Northwest Laboratory, Richland, Washington.

Graham, M.J., M.D. Hall, S.R. Straight, and W.R. Brown. 1981. *Hydrology of the Separations Area*. RHO-ST-42, Rockwell Hanford Operations, Richland, Washington.

Graham, M.J., G.V. Last, and K.R. Fecht. 1984. *An Assessment of Aquifer Intercommunication with B Pond-Gable Mountain Pond Area of the Hanford Site*. RHO-RE-ST-12P, Rockwell Hanford Operations, Richland, Washington.

Gray, R.H., and D.D. Dauble. 1977. "Checklist and Relative Abundance of Fish Species from the Hanford Reach of the Columbia River." *Northwest Science* 51:208-215.

Greene, G.S. 1975. *Prehistoric Utilization of the Channeled Scablands of Eastern Washington*. Ph.D. Dissertation, Department of Anthropology, Washington State University, Pullman, Washington.

Greengo, R.E. 1982. *Studies in Prehistory: Priest Rapids and Wanapum Reservoir Areas, Columbia River, Washington*. Department of Anthropology, University of Washington, Seattle, Washington.

Hajek, B.F. 1966. *Soil Survey: Hanford Project in Benton County, Washington*. BNWL-243, Pacific Northwest Laboratories, Richland, Washington.

Hale, L.L., and D.W. Harvey. 2002. "8.3. Cultural Resources," *In* Poston, T.M. *et al. Hanford Site Environmental Report for Calendar Year 2001*. PNNL-13190. Pacific Northwest National Laboratory, Richland, Washington.

Hall, J.A. (ed.). 1998. *Biodiversity Inventory and Analysis of the Hanford Site, 1997 Annual Report*. The Nature Conservancy of Washington, Seattle, Washington.

Hanlon, B.M. 2001. *Waste Tank summary Report for Month Ending January 31, 2001*. HNF-EP-0182-154. Online at: <http://www.doe.gov/bridge>

Hanson, W.C., and R.L. Browning. 1959. "Nesting Studies of Canada Geese on the Hanford Reservation, 1953-1956." *Journal of Wildlife Management* 23:129-137.

- Harris, C.M. 1991. *Introduction Handbook of Acoustical Measurements and Noise Control*. Third edition. Acoustical Society of America.
- Harris, S.G., and B.L. Harper. 1997. "A native American Exposure Sceanrio". *Risk Analysis* 17(6): 789-795.
- Hartman, M.J., ed. 2000. *Hanford Site Groundwater: Setting, Sources, and Methods*. PNNL-13080. Online at: <http://hanford-site.pnl.gov/groundwater/reports/gwset99/html/start1.htm>
- Hartman, M.J., and K.A. Lindsey. 1993. *Hydrogeology of the 100-N Area, Hanford Site, Washington*. WHC-SD-EN-EV-027, Rev. 0, Westinghouse Hanford Company, Richland, Washington.
- Hartman, M.J., and R.E. Peterson. 1992. *Hydrologic Information Summary for the Northern Hanford Site*. WHC-SD-EN-TI-023, Westinghouse Hanford Company, Richland, Washington.
- Hartman, M.J., L.F. Morasch, and W.D. Webber (eds.). 2004. *Hanford Site Groundwater Monitoring for Fiscal Year 2003*. PNNL-14548, Pacific Northwest National Laboratory, Richland, Washington.
- Hartshorn D.C., S.P. Reidel, and A.C. Rohay. 2002. *Annual Hanford Seismic Report for Fiscal Year 2002*. PNNL-11557-20, Pacific Northwest National Laboratory, Richland, WA.
- Hays, W.H., and R.L. Schuster. 1987. *Maps Showing Ground Failure Hazards in the Columbia River Valley between Richland and Priest Rapids Dam, South-Central Washington*. U.S. Geological Survey.
- Hewes, G.W. 1947. *Aboriginal Use of Fishery Resources in Northwestern North America*. Doctoral dissertation, University of California, Berkeley.
- Hewes, G.W. 1973. "Indian Fisheries Productivity in Pre-Contact Time in the Pacific Salmon Area". *Northwest Anthropological Research Notes* 7(2): 133-155.
- Hoitink, D.J., K.W. Burk, J.V. Ramsdell, III, and W.J. Shaw. 2004. *Hanford Site Climatological Data Summary 2003 with Historical Data*. PNNL-14616, Pacific Northwest National Laboratory, Richland, Washington.
- Hunn, E.S., and C.L. Bruneau. 1989. *Estimations of Traditional Native American Diets in the Columbia Plateau*. PNL-SA-17296-HEDR. Pacific Northwest Laboratory. Richland, Washington.
- Jamison, J.D. 1982. *Standardized Input for Hanford Environmental Impact Statements Part II: Site Descriptions*. PNL-3509, Pt. 2, Pacific Northwest Laboratory, Richland, Washington.
- Jenkins, O.P. 1922. *Underground Water Supply of the Region About White Bluffs and Hanford*. Bulletin No. 26, Division of Geology, State of Washington Department of Conservation and Development, Olympia, Washington.
- Jensen, E.J. 1987. *An Evaluation of Aquifer Intercommunication Between the Unconfined and Rattlesnake Ridge Aquifers on the Hanford Site*. PNL-6313, Pacific Northwest Laboratory, Richland, Washington.

- Johansen, J.R., J. Ashley, and W.R. Rayburn. 1993. *Effects of Rangeland Fire on Soil Algal Crusts in Semiarid Shrub-Steppe of the Lower Columbia Basin and their Subsequent Recovery*. Great Basin Naturalist 53(1): 73-88.
- Johnson, V.G., F.N. Hodges, and S.P. Reidel. 1992. "Arid Environment Aquifers: An Example from South Central Washington." *Geological Society of America (ABS)* 24(5):36.
- Johnson, V.G., C.J. Chou, and J.W. Lindberg. 1995. *Groundwater Monitoring and Assessment Plan for the 100-K Area Fuel Storage Basins*. WHC-SD-EN-AP-174, Westinghouse Hanford Company, Richland, Washington.
- Kast, G.V., E.J. Freeman, K.J. Cantrell, M.J. Fayer, G.W. Gee, W.E. Nichols, and B.N. Bjornstad. 2004. *Vadose Zone Hydrogeology Data Package for the 2004 Composite Analysis*. PNNL-14702, Rev. 0. Pacific Northwest National Laboratory, Richland, Washington.
- Kincaid, C.T., M.P. Bergeron, C.R. Cole, M.D. Freshley, N.L. Hassig, V.G. Johnson, D.I. Kaplan, R.J. Serne, G.P. Streile, D.L. Strenge, P.D. Thorne, L.W. Vail, G.A. Whyatt, and S.K. Wurstner. 1998. *Composite Analysis for Low-Level Waste Disposal in the 200 Areas Plateau of the Hanford Site*. PNNL-11800, Pacific Northwest National Laboratory, Richland, Washington.
- Kincaid, C.T., F.M. Coony, D.L. Strenge, R.L. Aaberg, and P.W. Eslinger. 2001. "Appendix A. Inventory Data for Initial Assessment Performed with the System Assessment Capability (Rev. 0)". In: Bergeron, M.P., E.J. Freeman, S.K. Wurstner. 2001. *Addendum to Composite Analysis for Low-Level Waste Disposal in the 200 Area Plateau of the Hanford Site*. PNNL-11800, Addendum 1. Pacific Northwest National Laboratory, Richland, Washington.
- Kipp, K.L., and R.D. Mudd. 1973. *Collection and Analysis of Pump Test Data for Transmissivity Values*. BNWL-1709, Pacific Northwest Laboratories, Richland, Washington.
- Krieger, H.W. 1928. "A Prehistoric Pithouse Village Site at Wahluke, Grant County, Washington." *Proc. U.S. Natl. Mus.* 73:1-29.
- Landeon, D. (ed.). 1996. *Wetes pe m'e wes - I am of this land. [Wildlife of the Hanford Site]*. Confluence Press, Lewiston, Idaho.
- Landeon, D.S., A.R. Johnson, and R.M. Mitchell. 1992. *Status of Birds at the Hanford Site in Southeastern Washington*. WHC-EP-0402, Westinghouse Hanford Company, Richland, Washington.
- Landeon, D.S., M.R. Sackschewsky, and S. Weiss. 1993. *100 Areas CERCLA Ecological Investigations*. WHC-EP-0620, Westinghouse Hanford Company, Richland, Washington.
- Last, G.V., B.N. Bjornstad, M.P. Bergeron, D.W. Wallace, D.R. Newcomer, J.A. Schremke, M.A. Chamness, C.S. Cline, S.P. Airhart, and J.S. Wilbur. 1989. *Hydrogeology of the 200 Areas Low Level Burial Grounds - An Interim Report*. PNL-6820, Pacific Northwest Laboratory, Richland, Washington.
- Last, G.V., E.J. Freeman, K.J. Cantrell, M.J. Fayer, G.W. Gee, W. E. Nichols, and B.N. Bjornstad. 2004. *Vadose Zone Hydrogeology Data Package for the 2004 Composite Analysis*. PNNL-14702 Rev 0. Pacific Northwest National Laboratory, Richland, Washington.
- Leonhardy, F.C., and D.G. Rice. 1970. "A Proposed Culture Typology for the Lower Snake River Region, Southeastern Washington." *Northwest Anthropological Research Notes* 4:1-29.

Liikala, T.L. 1994. *Hydrogeology Along the Southern Boundary of the Hanford Site Between the Yakima and Columbia Rivers, Washington*. PNL-10094, Pacific Northwest National Laboratory, Richland, Washington.

Liikala, T.L., R.L. Aaberg, N.J. Aimo, D.J. Bates, T.J. Gilmore, E.J. Jensen, G.V. Last, P.L. Oberlander, K.B. Olsen, K.R. Oster, L.R. Roome, J.C. Simpson, S.S. Teel, and J. Westergard. 1988. *Geohydrologic Characterization of the Area Surrounding the 183-H Solar Evaporation Basins*. PNL-6728, Pacific Northwest Laboratory, Richland, Washington.

Lindberg, J.W. 1993a. *Geology of the 100-B/C Area, Hanford Site, South-Central Washington*. WHC-SD-EN-TI-133, Westinghouse Hanford Company, Richland, Washington.

Lindberg, J.W. 1993b. *Geology of the 100-K Area, Hanford Site, South-Central Washington*. WHC-SD-EN-TI-155, Westinghouse Hanford Company, Richland, Washington.

Lindsey, K.A. 1992. *Geology of the Northern Part of the Hanford Site: An Outline of Data Sources and the Geologic Setting of the 100 Areas*. WHC-SD-EN-TI-011, Rev. 0, Westinghouse Hanford Company, Richland, Washington.

Lindsey, K.A. 1995. *Miocene- to Pliocene-Aged Suprabasalt Sediments of the Hanford Site, South-Central Washington*. BHI-00184, Bechtel Hanford, Inc., Richland, Washington.

Lindsey, K.A. 1996. *The Miocene to Pliocene Ringold Formation and Associated Deposits of the Ancestral Columbia River System, South-central Washington and North-central Oregon*. Washington Division of Geology and Earth Resources Open File Report 96-8, Washington State Department of Natural Resources, Olympia, Washington.

Lindsey, K.A., and G.K. Jaeger. 1993. *Geologic Setting of the 100-HR-3 Operable Unit, Hanford Site, South-Central Washington*. WHC-SD-EN-TI-132, Westinghouse Hanford Company, Richland, Washington.

Link, S.O., B.D. Ryan, J.L. Downs, L.L. Cadwell, J.A. Soll, M.A. Hawke, and J. Ponzetti. 2000. "Lichens and Mosses on Shrub-steppe Soils in Southeastern Washington." *Northwest Science*, Vol. 74, No. 1.

LMEA (see Washington State Labor Market and Economic Analysis).

Malde, H.E. 1968. *The Catastrophic Late Pleistocene Bonneville Flood in the Snake River Plain, Idaho*. Professional Paper 596, U.S. Geological Survey, Washington, D.C.

McCormack, W.D., and J.M.V. Carlile. 1984. *Investigation of Ground-Water Seepage from the Hanford Shoreline of the Columbia River*. PNL-5289, Pacific Northwest Laboratory, Richland, Washington.

McMahon, W.J., and R.E. Peterson. 1992. *Estimating Aquifer Hydraulic Properties Using the Ferris Method, Hanford Site, Washington*. DOE/RL-92-64, U.S. Department of Energy, Richland, Washington.

Meinhardt, C.C., and J.C. Frostenson. 1979. *Current Status of the 200 Area Ponds*. RHO-CD-798, Rockwell Hanford Operations, Richland, Washington.

- Mize, A.L. 1993. *Differential Utilization of Allochthonous and Autochthonous Carbon By Aquatic Insects of Two Shrub-Steppe Desert Spring-Streams: A Stable Carbon Isotope Analysis and Critique of the Method*. PNL-8684, Pacific Northwest Laboratory, Richland, Washington.
- Murray, C.J., D.G. Horton, A.L. Ward, and G.W. Gee. 2002. Hydrogeologic Influence of Clastic Dikes on Vadose Zone Transport. Sec. 3.3.4, p. 3.64-3.67, 3.82-3.86. *In: Hanford Site Groundwater Monitoring for Fiscal Year 2001*. PNNL-13788, Pacific Northwest National Laboratory, Richland, Washington.
- Murray, C.J., A.L. Ward, and J.L. Wilson. 2003. *Influence of Clastic Dikes on Vertical Migration of Contaminants in the Vadose Zone at Hanford*. USDOE Environmental Management Science Final Report, Project 70193.
- Napier, B.A., R.A. Peloquin, D.L. Strenge, and J.V. Ramsdell. 1998. GENII- *The Hanford Environmental Radiation Dosimetry Software System*. PNL-6584 (3 vols), Pacific Northwest National Laboratory, Richland, Washington.
- Neitzel, D.A., T.L. Page, and R.W. Hanf, Jr. 1982a. "Mid-Columbia River Microflora." *J. Freshwater Ecology* 1(5): 495-505.
- Neitzel, D.A., T.L. Page, and R.W. Hanf, Jr. 1982b. "Mid-Columbia River Zooplankton." *Northwest Science* 57:112-118.
- Newcomb, R.C., J.R. Strand, and F.J. Frank. 1972. *Geology and Ground-Water Characteristics of the Hanford Reservation of the U.S. Atomic Energy Commission, Washington*. Professional Paper 717, U.S. Geological Survey, Washington, D.C.
- Newcomer, D.R., K.D. Pohlod, and J.P. McDonald. 1991. *Water-Table Elevations on the Hanford Site, 1990*. PNL-7693, Pacific Northwest Laboratory, Richland, Washington.
- NRC (see U.S. Nuclear Regulatory Commission).
- O'Connor, J.E. 1993. "Hydrology, Hydraulics, and Geomorphology of the Bonneville Flood". *Geological Society of America Special Paper* 274. 83 p.
- O'Connor, J.E., and V.R. Baker. 1992. "Magnitudes and Implications of Peak Discharges from Glacial Lake Missoula". *Geological Society of America Bulletin* 104:267-279.
- Office of Financial Management (OFM). 2004a. *Intercensal and Postcensal Estimates of County Population by Age and Sex, 1980-2003*. Office of Financial Management, Forecasting Division, Olympia, Washington. Available URL: <http://www.ofm.wa.gov/pop/coagemf/index.htm> . (Data accessed May 21,2004).
- Office of Financial Management (OFM). 2004b. *Median Household Income by County: 1989 to 2001 and Forecast for 2003*. Office of Financial Management, Forecasting Division, Olympia, Washington. Available at <http://www.ofm.wa.gov/pop/poptrends/index.htm> . (Data accessed May 21,2004).
- Office of Financial Management (OFM). 2004c. *Population of Cities, Towns and Counties: April 1, 2000 to April 1, 2003*. Office of Financial Management, Forecasting Division, Olympia, Washington. Available URL: <http://www.ofm.wa.gov/pop/poptrends/index.htm> . (Data accessed May 21,2004).

Office of Financial Management (OFM). 2004d. *Washington State April 1 Housing Estimates for Cities, Towns, and Counties*. Office of Financial Management, Forecasting Division, Olympia, Washington. Available URL: <http://www.ofm.wa.gov/pop/housing/index.htm> . (Data accessed May 21,2004).

Office of Superintendent of Public Instruction (OSPI). 2004. *2003-2004 Public and Private School Enrollment Summary (Report 1345A-by county, district, building, and ethnicity)*. Office of Superintendent of Public Instruction, Olympia, Washington. Available URL: <http://www.k12.wa.us/dataadmin/>. (Data accessed May 21,2004).

OFM (see Office of Financial Management).

OSPI (see Office of Superintendent of Public Instruction).

OTED (see Washington State Office of Trade and Economic Development).

Page, T.L., and D.A. Neitzel. 1978. "Columbia River Benthic Macrofauna and Microfauna Near WNP 1, 2, and 4: January through December 1977." In *Aquatic Ecological Studies Near WNP 1, 2, and 4, January through December 1977, WPPSS Columbia River Ecology Studies*, Vol. 5, Section 4. Battelle, Pacific Northwest Laboratories, Richland, Washington.

Page, T.L., D.A. Neitzel, and R.W. Hanf. 1979. "Columbia River Benthic Macrofauna and Microflora Near WNP 1, 2, and 4: January through August 1978." In *Aquatic Ecological Studies Near WNP 1, 2, and 4, January through August 1978, WPPSS Columbia River Ecology Studies*, Vol. 6, Section 4. Battelle, Pacific Northwest Laboratories, Richland, Washington.

Parker, M.B. 1986. *Tales of Richland, White Bluffs and Hanford, 1805 - 1943: Before the Atomic Reserve*. Ye Galleon Press, Fairfield, Washington.

Parker, P.L., and T.F. King. 1990. *Guidelines for Evaluating and Documenting Traditional Cultural Properties*. National Register Bulletin 38, National Park Service, Washington, D.C.

Perteet Engineering, Inc., Thomas/Lane and Associates, Inc., and SCM Consultants, Inc. 2001. *The Impact of the Waste Treatment Plant Project on the Hanford Communities*. Prepared by Perteet Engineering, Inc., Everett, Washington for the Hanford Communities, Richland, Washington.

Peterson, R.E. 1992. *Hydrologic and Geologic Data Available for the Region North of Gable Mountain, Hanford Site, Washington*. WHC-SD-EN-TI-006, Westinghouse Hanford Company, Richland, Washington.

Peterson, R.E., and V.G. Johnson. 1992. *Riverbank Seepage of Groundwater Along the 100 Areas Shoreline, Hanford Site*. WHC-EP-0609, Westinghouse Hanford Company, Richland, Washington.

Peterson, R.E., and M.P. Connelly. 2001. *Zone of Interaction Between Hanford Site Groundwater and Adjacent Columbia River*. PNNL-13674, Pacific Northwest National Laboratory, Richland, Washington.

Peterson, R.E., R.F. Raidl, and C.W. Denslow. 1996. *Conceptual Site Models for Groundwater Contamination at 100-BC-5, 100-KR-4, 100-HR-3, and 100-FR-3 Operable Units*. BHI-00917, Bechtel Hanford Incorporated, Richland, Washington.

PNNL Seismic Monitoring Team. 2001. *Second and Third Quarter Hanford Seismic Report for Fiscal Year 2001*. PNNL-11557-18, Pacific Northwest National Laboratory, Richland, Washington.

Poston, T.M., K.R. Price, and D.R. Newcomer. 1991. *An Evaluation of the Chemical, Radiological, and Ecological Conditions of West Lake on the Hanford Site*. PNL-7662, Pacific Northwest Laboratory, Richland, Washington.

Poston, T.M., R.W. Hanf, R.L. Dirkes, and L.F. Morasch. 2003. *Hanford Site Environmental Report for Calendar Year 2002*. PNNL-13487, Pacific Northwest National Laboratory, Richland, Washington.

Poston, T.M., R.W. Hanf, R.L. Dirkes, and L.F. Morasch. 2004. *Hanford Site Environmental Report for Calendar Year 2003*. Pacific Northwest National Laboratory, Richland, Washington.

Price, K.R., J.M. Carlile, R.L. Dirkes, R.E. Jaquish, M.S. Trevathan, and R.K. Woodruff. 1986. *Environmental Monitoring at Hanford for 1984. Supplement*. PNL-5407 Suppl. Pacific Northwest Laboratory, Richland, Washington.

PSPL (see Puget Sound Power and Light Company).

Puget Sound Power and Light Company (PSPL). 1982. *Preliminary Safety Analysis for Skagit/Hanford Nuclear Project*. Amendment 29, Puget Sound Power and Light Company, Bellevue, Washington.

Ramsdell, J.V., and G.L. Andrews. 1986. *Tornado Climatology of the Contiguous United States*. NUREG/CR-4461, U.S. Nuclear Regulatory Commission, Washington, D.C.

RCW 70.107. *Noise Control*. Revised Code of Washington, Olympia, Washington.

Reidel, S.P., and P.R. Hooper. 1989. *Volcanism and Tectonism in the Columbia River Flood-Basalt Province*. Geological Society of America Special Paper 239, 30 technical papers.

Reidel, S.P., K.A. Lindsey, and K.R. Fecht. 1992. *Field Trip Guide to the Hanford Site*. WHC-MR-0391. Westinghouse Hanford Company, Richland, Washington.

Reidel, S.P., N.P. Campbell, K.R. Fecht, and K.A. Lindsey. 1994. "Late Cenozoic Structure and Stratigraphy of South-central Washington." In: Lasmanis, R. and E.S. Cheney, convenors, *Regional Geology of Washington State*. *Washington Division of Geology and Earth Resources Bulletin* 80: 159-180.

Relander, C. 1956. *Drummers and Dreamers*. Caxton Printers, Caldwell, Idaho.

Rice, D.G. 1976. *The Log Structure at White Bluffs Landing, Franklin County, Washington*. Anthropological Research Manuscript Series No. 25, University of Idaho, Moscow, Idaho.

Rice, D.G. 1968a. *Archaeological Reconnaissance: Ben Franklin Reservoir Area, 1968*. Washington State University, Laboratory of Anthropology, Pullman, Washington.

Rice, D.G. 1968b. *Archaeological Reconnaissance: Hanford Atomic Works*. U.S. Atomic Energy Commission, National Park Service and Washington State University, Pullman, Washington.

Rice, D.G. 1980a. *Overview of Cultural Resources on the Hanford Reservation in South Central Washington State*. Report submitted to U.S. Department of Energy, Richland Operations, Richland, Washington.

- Rice, D.G. 1980b. *Cultural Resources Assessment of the Hanford Reach of the Columbia River, State of Washington*. U.S. Army Corps of Engineers, Seattle District, Seattle, Washington.
- Rice, H.S., D.H. Stratton, and G.W. Lundeman. 1978. *An Archaeological and Historic Survey of the 400 Area, Hanford Reservation*. National Heritage, Inc., Pullman, Washington.
- Rickard, W.H., and L.E. Rogers. 1983. "Industrial Land Use and the Conservation of Native Biota in the Shrub-Steppe Region of Western North America." *Environmental Conservation* 10:205-211.
- Rickard, W.H., R.E. Fitzner, and C.E. Cushing. 1981. "Biological Colonization of an Industrial Pond." *Environmental Conservation* 8:241-247.
- Rogers, L.E., and W.H. Rickard. 1977. *Ecology of the 200 Area Plateau Waste Management Environs: A Status Report*. PNL-2253, Pacific Northwest Laboratory, Richland, Washington.
- Rohay, A.C. 1987. *Earthquake Focal Mechanisms, Recurrence Rates and Deformation in the Columbia River Basalts*. RHO-BW-SA-666 P, Rockwell Hanford Operations, Richland, Washington.
- Rohay, A.C. 1989. "Earthquake Recurrence Rate Estimates for Eastern Washington and the Hanford Site." In *Proceedings, Second DOE Natural Phenomena Hazards Mitigation Conference*, CONF-8910192, October 3-5, 1989, Knoxville, Tennessee, sponsored by U.S. Department of Energy Headquarters, Office of Nuclear Safety, NTIS, Springfield, Virginia.
- Rohay, V.J., K.J. Swett, and G.V. Last. 1994. *1994 Conceptual Model for the Carbon Tetrachloride Contamination in the 200 West Area at the Hanford Site*. WHC-SD-EN-TI-248, Westinghouse Hanford Company, Richland, Washington.
- Rokkan, D.J., Diediker, D.L. Dyekman, N.A. Homan, K. Rhoads, and L.H. Staven. 2003. *Radionuclide Air Emission Report for the Hanford Site, Calendar Year 2002*. DOE/RL-2003-19, Revision 0. U.S. Department of Energy, Richland, Washington.
- Sackschewsky, M.R., and J.L. Downs. 2001. *Vascular Plants of the Hanford Site*. PNNL-13688. Pacific Northwest National Laboratory, Richland, WA.
- Sackschewsky, M.R., C.A. Duberstein, and J.M. Becker. 2001. *200 Areas Ecological Data Compilation*. Letter Report for CH2M Hill Hanford Company. Pacific Northwest National Laboratory, Richland, WA.
- Schalla, R., R.W. Wallace, A.L. Aaberg, S.P. Arihart, D.J. Bates, J.V.M. Carlile, C.S. Cline, I. Dennison, M.D. Freshley, P.R. Heller, E.J. Jensen, K.B. Olsen, R.G. Parkhurst, J.T. Rieger, and E.J. Westergard. 1988. *Interim, Characterization Report for the 300 Area Process Trenches*. PNL-6716, Pacific Northwest Laboratory, Richland, Washington.
- Schwab, G.E., R.M. Colpitts Jr., and D.A. Schwab. 1979. *Spring Inventory of the Rattlesnake Hills*. W.K. Summers and Associates, Inc., Socorro, New Mexico.
- Serne R.J., and D.I. Kaplan. 2000. *Geochemical Data Package for the Hanford Immobilized Low-Activity Tank Waste Performance Assessment (ILAWPA)*. PNNL-13037, Rev. 1, Pacific Northwest National Laboratory, Richland, Washington.

Serne, R.J., B.N. Bjornstad, H.T. Schaefer, B.A. Williams, D.C. Lanigan, D.G. Horton, R.E. Clayton, A.V. Mitroshkov, V.L. LeGore, M.J. O'Hara, C.F. Brown, K.E. Parker, I.V. Kutnyokov, J.N. Serne, G.V. Last, S.C. Smith, C.W. Lindemeier, J.M. Zachara, and D.B. Burke. 2002. Characterization of Vadose Zone Sediment: Uncontaminated RCRA Borehole Core Samples and Composite Samples. PNNL-13757-1. Pacific Northwest National Laboratory, Richland, Washington.

Shaw, J., M. Munro-Stasuik, B. Sawyer, C. Beaney, J.-E. Lesemann, A. Musacchio, B. Rains, and R.R. Young. 1999. "The Channeled Scabland: Back to Bretz". *Geology* 27:605-608.

Simpson, B.C., R.A. Corbin, and S.F. Agnew. 2001. *Hanford Soil Inventory Model*. BHI-01496, Bechtel Hanford, Inc., Richland, Washington.

Skaggs, R.L., and W.H. Walters. 1981. *Flood Risk Analysis of Cold Creek Near the Hanford Site*. RHO-BWI-C-120/PNL-4219, Rockwell Hanford Operations, Richland, Washington.

Slate, J.L. 1996. "Buried Carbonate Paleosols Developed in Pliocene-Pleistocene Deposits of the Pasco Basin, South-central Washington, U.S.A." *Quaternary International* 34-36: 191-196. Published by Elsevier Science Ltd., Great Britain.

Soll, J.A., and C. Soper, eds. 1996. *Biodiversity Inventory and Analysis of the Hanford Site, 1995 Annual Report*. The Nature Conservancy of Washington, Seattle, Washington.

Soll, J.A., Hall, R. Pabst, and C. Soper. 1999. *Biodiversity Inventory and Analysis of the Hanford Site Final Report 1994 - 1999*. The Nature Conservancy of Washington. Seattle, Washington.

Spane, F.A., Jr. 1987. *Fresh-Water Potentiometric Map and Inferred Flow Direction of Ground Water Within the Mabton Interbed, Hanford Site, Washington State - January 1987*. SD-BWI-TI-335, Rockwell Hanford Operations, Richland, Washington.

Spane, F.A., Jr., and P.D. Thorne. 1995. Comparison of Constant-Rate Pumping Test and Slug Interference Test Results at the B-Pond Multi-Level Test Facility, Hanford Site. PNL-10835. Pacific Northwest National Laboratory, Richland, Washington.

Spane, F.A., Jr., and P.D. Thorne. 2000. *Analysis of the Hydrologic Response Associated with Shutdown and Restart of the 200-ZP-1 Pump and Treat System*. PNNL-13342. Pacific Northwest National Laboratory, Richland, Washington.

Spane, F.A., Jr., P.D. Thorne and D.R. Newcomer. 2001a. *Results of Detailed Hydrologic Characterization Tests Fiscal Year 1999*. PNNL-13378. Pacific Northwest National Laboratory, Richland, Washington.

Spane, F.A., Jr., P.D. Thorne and D.R. Newcomer. 2001b. *Results of Detailed Hydrologic Characterization Tests Fiscal Year 2000*. PNNL-13514. Pacific Northwest National Laboratory, Richland, Washington.

Spane, F.A., Jr., P.D. Thorne, and D.R. Newcomer. 2002. *Results of Detailed Hydrologic Characterization Tests - Fiscal Year 2001*. PNNL-14113, Pacific Northwest National Laboratory, Richland, WA.

Spier, L. 1936. *Tribal Distribution in Washington*. General Services in Anthropology No. 3, George Banta Publishing Co., Menasha, Wisconsin.

Stroms, D.M., W.J. Okin, and F.W. Davis. 1997. *Preserve Selection Modeling in the Columbia Plateau*. University of California Santa Barbara, Santa Barbara, California. Prepared for the Nature Conservancy. Available at [http://www.biogeog.ucsb.edu/projects/tnc/tnc\\_report.html](http://www.biogeog.ucsb.edu/projects/tnc/tnc_report.html).

Stone, W.A., D.E. Jenne, and J.M. Thorp. 1972. *Climatography of the Hanford Area*. BNWL-1605, Pacific Northwest Laboratories, Richland, Washington.

Stone, W.A., J.M. Thorp, O.P. Gifford, and D.J. Hoitink. 1983. *Climatological Summary for the Hanford Area*. PNL-4622, Pacific Northwest Laboratory, Richland, Washington.

Swanson, D.A., J.L. Anderson, R.D. Bentley, V.E. Camp, J.N. Gardner, and T.L. Wright. 1979a. Reconnaissance Geologic Map of the Columbia River Basalt Group in Eastern Washington and Northern Idaho. Open-File Report 79-1363, U.S. Geological Survey, Washington, D.C.

Swanson, D.A., T.L. Wright, P.R. Hooper, and R.D. Bentley. 1979b. *Revisions in Stratigraphic Nomenclature of the Columbia River Basalt Group*. USGS Bulletin 1457, U.S. Geological Survey, Boulder, Colorado.

Swanson, L.C. 1992. *Phase I Hydrogeologic Summary of the 300-FF-5 Operable Unit, 300 Area*. WHC-SD-EN-TI-052, Rev. 0, Westinghouse Hanford Company, Richland, Washington.

Swanson, L.C., V.J. Rohay, and J.M. Faurote. 1999. *Hydrogeologic Conceptual Model for the Carbon Tetrachloride and Uranium/Technitium Plumes in the 200 West Area: 1994 Through 1999 Update*. BHI-01311, Rev. 0. Bechtel Hanford, Inc., Richland, Washington.

Tallman, A.M., J.T. Lillie, and K.R. Fecht. 1981. "Suprabasalt Sediments of the Cold Creek Syncline Area." In: *Subsurface Geology of the Cold Creek Syncline*, eds. C.W. Myers and S.M. Price. RHO-BW1-ST-14, Rockwell Hanford Operations, Richland, Washington.

TCAR (see Tri-City Association of Realtors).

Thorne, P.D. 2004. *Groundwater Data Package for the 2004 Composite Analysis*. Pacific Northwest National Laboratory, Richland, Washington.

Thorne, P.D., and D.R. Newcomer. 1992. *Summary and Evaluation of Available Hydraulic Property Data for the Hanford Site Unconfined Aquifer System*. PNL-8337, Pacific Northwest Laboratory, Richland, Washington.

Thorne, P.D., and D.R. Newcomer. 2002. *Prototype Database and User's Guide of Saturated Zone Hydraulic Properties for the Hanford Site*. PNNL-14058, Pacific Northwest National Laboratory, Richland, Washington.

Thorne, P.D., M.A. Chamness, F.A. Spane, Jr., V.R. Vermeul, and W.D. Webber. 1993. *Three-Dimensional Conceptual Model for the Hanford Site Unconfined Aquifer System, FY 93 Status Report*. PNL-8971, Pacific Northwest National Laboratory, Richland, Washington.

Thorne, P.D., M.A. Chamness, V.R. Vermeul, Q.C. MacDonald, and S.E. Schubert. 1994. *Three-Dimensional Conceptual Model for the Hanford Site Unconfined Aquifer System: FY 1994 Status Report*. PNL-10195, Pacific Northwest National Laboratory, Richland, Washington.

Tiller, B.L., G.E. Dagle, L.L. Cadwell, T.M. Poston, and A. Oganessian. 1997. *Investigation of Anatomical Anomalies in Hanford Site Mule Deer*. PNL-11518, Pacific Northwest National Laboratory, Richland, Washington.

Tiller, B.L. and J.L. Downs. 2004. *FY2003 Synthesis of Ecological Data Collected in the Riparian and Riverine Environments of the Hanford Reach*. Draft Letter Report. Pacific Northwest National Laboratory, Richland Washington.

Treaty with the Yakama. 1855. June 9, 1855, 12 Stat. 951.

Tri-City Association of REALTORS (TCAR). 2004. Tri-City Area Housing Statistics. Tri-City Association of REALTORS, Kennewick, Washington. Available URL <http://www.tricityrealtors.com/>. (Data accessed May 21,2004).

Tri-City Herald. 2001. "KID Supplies Plummet," Tri-City Herald, June 22, 2001.

U.S. Army Corps of Engineers (Corps). 1989. *Water Control Manual for McNary Lock and Dam, Columbia River, Oregon and Washington*. U.S. Army Corps of Engineers, Walla Walla District, Walla Walla, Washington.

USBR (see U.S. Bureau of Reclamation).

U.S. Bureau of Reclamation (USBR). 2002. *Lock Island Landslide Study, White Bluffs Area, Columbia Basin Project, Washington*. U.S. Bureau of Reclamation, Pacific Northwest Region.

U.S. Census Bureau (Census). 2000. *Poverty 1999. Poverty Thresholds in 1999, by Size of Family and Number of Related Children Under 18 Years*. Last revised September 26, 2000. U.S. Bureau of the Census, U.S. Department of Commerce, Washington, D.C. Online at: <http://www.census.gov>

U.S. Census Bureau (Census). 2001a. *Poverty Thresholds in 2000, by Size of Family and Number of Related Children Under 18 Years*. Last revised January 29, 2001. U.S. Bureau of the Census, U.S. Department of Commerce, Washington, D.C. Online at: <http://www.census.gov>

U.S. Census Bureau (Census). 2001b. *Census 2000 Redistricting Data (P.L. 94-171) Summary File – Oregon*. U.S. Bureau of the Census, U.S. Department of Commerce, Washington, D.C.

U.S. Census Bureau (Census). 2001c. *Census 2000 Redistricting Data (P.L. 94-171) Summary File – Washington*. U.S. Bureau of the Census, U.S. Department of Commerce, Washington, D.C.

U.S. Census Bureau (Census). 2002a. *Census 2000 Summary File 3 (SF 3)– Oregon*. U.S. Bureau of the Census, U.S. Department of Commerce, Washington, D.C.

U.S. Census Bureau (Census). 2002b. *Census 2000 Summary File 3 (SF 3) – Washington*. U.S. Bureau of the Census, U.S. Department of Commerce, Washington, D.C.

U.S. Census Bureau (Census). 2003a. *Table QT P-34 Poverty Status of Individuals. Census Summary File 3 (SF3) Sample Data*. U.S. Bureau of the Census, U.S. Department of Commerce, Washington, D.C. Online at: <http://factfinder.census.gov>

U.S. Census Bureau (Census). 2003b. *Geographic Comparison Table, Washington State Counties.* , Census 2000 Redistricting Data (Public Law 94-171) Summary File, Matrices PL1 and PL2. U.S. Bureau of the Census, U.S. Department of Commerce, Washington, D.C. Online at: [http://factfinder.census.gov/servlet/BasicFactsTable?\\_lang=en&\\_vt\\_name=DEC\\_2000\\_PL\\_U\\_GCTPL\\_S\\_T2&\\_geo\\_id=04000US53](http://factfinder.census.gov/servlet/BasicFactsTable?_lang=en&_vt_name=DEC_2000_PL_U_GCTPL_S_T2&_geo_id=04000US53)>

U.S. Department of the Army. 1990. *Final Environmental Impact Statement Yakima Firing Center Proposed Land Acquisition, Yakima Firing Center, Washington.* Department of Army, I Corps, Fort Lewis, Washington.

U.S. Department of Commerce (DOC). 2004. *Regional Economic Information System (REIS).* Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C. Available URL: <http://www.bea.doc.gov/bea/regional/reis/>. (Data accessed May 21,2004).

U.S. Department of Energy (DOE). 1986. *Environmental Assessment, Reference Repository Location, Hanford Site, Washington.* DOE/RW-0070, U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). 1987. *Final Environmental Impact Statement, Disposal of Hanford Defense High-Level, Transuranic and Tank Wastes, Hanford Site, Richland, Washington.* DOE/EIS-0113, Vol. I-III, U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). 1988. *Consultation Draft: Site Characterization Plan, Reference Repository Location, Hanford Site, Washington.* DOE/RW-0164, U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). 1991. *Draft Environmental Impact Statement for the Siting, Construction, and Operation of New Production Reactor Capacity.* DOE/EIS-0144D, Vol. 4, Appendix E, U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). 1992a. *Hanford Site Groundwater Background.* DOE/RL-92-23, U.S. Department of Energy, Richland Field Office, Richland, Washington.

U.S. Department of Energy (DOE). 1992b. *American Indian Tribal Government Policy.* DOE 1230.2. U.S. Department of Energy, Office of Congressional and Intergovernmental Affairs.

U.S. Department of Energy (DOE). 1993a. *Recommendations for the Preparation of Environmental Assessments and Environmental Impact Statements.* U.S. Department of Energy, Office of NEPA Oversight, Washington, D.C.

U.S. Department of Energy (DOE). 1993b. *Radiation Protection of the Public and the Environment.* DOE Order 5400.5. U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). 1996a. *Programmatic Agreement Among the U.S. Department of Energy Richland Operations Office, the Advisory Council on Historic Preservation, and the Washington State Historic Preservation Office for the Maintenance, Deactivation, Alteration, and Demolition of the Built Environment on the Hanford Site, Washington.* DOE/RL-96-77. Online at: <http://www.hanford.gov/docs/96eap154/96eap154.htm>

U.S. Department of Energy (DOE). 1996b. *Tank Waste Remediation System, Hanford Site, Richland, Washington. Final Environmental Impact Statement*. DOE/EIS-0189. U.S. Department of Energy, Washington, D.C.

U.S. Department of Energy (DOE). 1997a. *National Register of Historic Places Multiple Property Documentation Form - Historic, Archaeological and Traditional Cultural Properties of the Hanford Site, Washington*. DOE/RL-97-02. Online at: <http://www.hanford.gov/doe/culres/mpd/toc.htm>

U.S. Department of Energy (DOE). 1997b. *Waste Site Grouping for 200 Areas Soil Investigations*. DOE/RL-96-81, Rev 0. Online at: [http://www.erc.rl.gov/~pgs/READROOM/DOE\\_RL.HTM](http://www.erc.rl.gov/~pgs/READROOM/DOE_RL.HTM)

U.S. Department of Energy (DOE). 1997c. *Hanford Site Background: Part 3, Groundwater Background*. DOE/RL-96-61. U.S. Department of Energy, Richland, Washington.

U.S. Department of Energy (DOE). 1997d. *N Reactor Comprehensive Treatment Report, Hanford Site, Washington*. DOE/RL-96-91, Draft A, Volumes I, II, III. U.S. Department of Energy, Richland, Washington.

U.S. Department of Energy (DOE). 1998a. *Screening Assessment and Requirements for a Comprehensive Assessment: Columbia River Comprehensive Impact Assessment*. DOE/RL-96-16, Rev. 1, Final. Online at: <http://sesp.pnl.gov/Reports/CRCIA/reports.htm>

U.S. Department of Energy (DOE). 1998b. *Hanford Site Manhattan Project and Cold War Era Historic District Treatment Plan*. DOE/RL-97-56, Rev. 1. U.S. Department of Energy, Richland, Washington.

U.S. Department of Energy (DOE). 1998c. *Hanford Facility Dangerous Waste Permit Application, General Information Portion*. DOE/RL-91-28, Rev. 4. Online at: [http://www.hanford.gov/docs/rl-91-28/rl91-28chp\\_02f.htm#f2-9](http://www.hanford.gov/docs/rl-91-28/rl91-28chp_02f.htm#f2-9)

U.S. Department of Energy (DOE). 1999a. *Final Hanford Comprehensive Land-Use Plan Environmental Impact Statement*. DOE/EIS-0222, U.S. Department of Energy, Washington, D.C.

U. S. Department of Energy (DOE). 1999b. *Groundwater/Vadose Zone Integration Project Background Information and State of Knowledge*. DOE/RL.-98-48 Vol. II, Rev. 0, U.S. Department of Energy, Richland, Operations Office, Richland, Washington.

U.S. Department of Energy (DOE). 1999c. *Radiological Control Standard*. DOE-STD-1098-99. U.S. Department of Energy, Washington, D.C.  
Online at: <http://tis.eh.doe.gov/techstds/standard/std1098/std109899.pdf>.

U.S. Department of Energy (DOE). 2000a. *Clean Air Act General Conformity Requirements and the National Environmental Policy Act Process*. Online at: <http://tis.eh.doe.gov/nepa/tools/guidance/caaguidance.pdf>

U.S. Department of Energy (DOE). 2001a. *Hanford Site Biological Resources Management Plan*. DOE/RL-96-32, Rev. 0. U.S. Department of Energy, Richland, Washington.

U.S. Department of Energy (DOE). 2001b. *Historic American Engineering Record B Reactor (105-B Building) HAER No. WA-164*. DOE/RL-2001-16. U.S. Department of Energy, Richland Operations Office, Richland, Washington.

U.S. Department of Energy (DOE). 2002a. *Hanford Site Waste Management Units Report*. DOE/RL-88-30, Rev 11, U.S. Department of Energy, Richland, Washington. Online at: [http://www.hanford.gov/docs/rl-91-28/rl91-28chp\\_02.htm#2.0](http://www.hanford.gov/docs/rl-91-28/rl91-28chp_02.htm#2.0)

U.S. Department of Energy (DOE). 2002b. *Standardized Stratigraphic Nomenclature for the Post-Ringold-Formation Sediments Within the Central Pasco Basin*. DOE/RL-2002-39, Rev. 0, U.S. Department of Energy, Richland, Washington.

U.S. Department of Energy (DOE). 2002c. *History of the Plutonium Production Facilities at the Hanford Site Historic District, 1943-1990*. DOE/RL-97-1047. Hanford Cultural and Historic Resources Program, U.S. Department of Energy, Richland, Operations Office, Richland, Washington. Online at: [www.hanford.gov/docs/rl-97-1047/index.htm](http://www.hanford.gov/docs/rl-97-1047/index.htm).

U.S. Department of Energy (DOE). 2003. *Hanford Cultural Resources Management Plan*. DOE/RL-98-10, Rev. 0. U.S. Department of Energy, Richland Operations Office, Richland, Washington.

U.S. Department of Energy (DOE). 2004a. *DOE Computerized Accident/Incident reporting System (CAIRS)*. Online at: <http://tis.eh.doe.gov/cairs> (Data Downloaded May 3, 2004).

U.S. Department of Energy (DOE). 2004b. *The US Department of Energy's Web Page for Information on Occupational Radiation Exposure*. Online at: <http://rems.eh.doe.gov> (Data Downloaded June 7, 2004).

U.S. Department of the Interior (DOI). 1994. *Hanford Reach of the Columbia River: Comprehensive River Conservation Study and Environmental Impact Statement - Final*. Volumes II and I. U.S. Department of Interior, Washington, D.C.

U.S. Department of Labor, Employment and Training Administration (DOL). 2004. *Domestic Agricultural In-Season Farm Labor Report*. Monthly Farm Labor Abstracts, January-December 2002. Washington State Employment Security Department for the U.S. Department of Labor, Olympia, Washington. Available URL: <http://www.workforceexplorer.com/>. (Data accessed May 21, 2004).

U.S. Energy Research and Development Administration (ERDA). 1975. *Final Environmental Impact Statement of Waste Management Operations, Hanford Reservation, Richland, Washington, 2 vol.* ERDA-1538, U.S. Energy Research and Development Administration, Washington, D.C.

U.S. Energy Research and Development Administration (ERDA). 1976. *Evaluation of Impact of Potential Flooding Criteria on the Hanford Project*. RLO-76-4, U.S. Energy Research and Development Administration, Richland, Washington.

U.S. Environmental Protection Agency (EPA). 1996. *EPA's Natural Events Policy for Particulate Matter, June 6, 1996*. U.S. Environmental Protection Agency, Washington, D.C. Online at: <http://www.epa.gov/ttn/caaa/t1/memoranda/nepol.pdf>

U.S. Environmental Protection Agency (EPA). 2000. *Updated Users Guide for CAP88-PC, Version 2.0*. EPA 402-R-00-004, Office of Radiation and Indoor Air, U.S. Environmental Protection Agency, Washington, D.C.

U.S. Environmental Protection Agency (EPA). 2004. AIRS database. Online at: <http://www.epa.gov/air/data/reports.html>

U.S. Fish and Wildlife Service (USFWS). 2004. Species List Request. Letter from Mark Miller, USFWS to Michael R. Sackschewsky, PNNL. 3 May 2004.

USFWS (see U.S. Fish and Wildlife Service).

U.S. Geological Survey (USGS). 1987. *Subsurface Transport of Radionuclides in Shallow Deposits of the Hanford Nuclear Reservation, Washington – Review of Selected Previous Work and Suggestions for Further Study*. USGS Open File Report 87-222, Tacoma, Washington.

U.S. Geological Survey (USGS). 1995. *Nitrate Concentrations in Ground Water of the Central Columbia Plateau*. Open File Report 95-445, U.S. Geological Survey, Tacoma, Washington.

U.S. Geological Survey (USGS). 1996. *National Seismic-Hazard Maps: Documentation June 1996*. U.S. Geological Survey Open-File Report 96-532, Denver, Colorado.

U.S. Geological Survey (USGS). 2002. *Daily Streamflow for the Nation*. May 2001. U.S. Geological Survey, Reston, Virginia. Online at: <http://waterdata.usgs.gov/nwis/discharge>

U.S. Geological Survey (USGS). 2004. *Surface-Water Data for the Nation*. Accessed on the Internet May 6, 2004 at <http://nwis.waterdata.usgs.gov/nwis/sw>. Data is updated daily.

U.S. Nuclear Regulatory Commission (NRC). 1982. *Draft Environmental Statement Related to the Construction of Skagit/Hanford Nuclear Project, Units 1 and 2*. Prepared by Puget Sound Power & Light Company, Pacific Power and Light Company, the Washington Water Power Company, and Portland General Electric Company. NUREG-0894, U.S. Nuclear Regulatory Commission, Washington, D.C.

University of Washington Geophysics Program (UWGP). 2001. On-line Earthquake Catalog. University of Washington Geophysics Program, Seattle, Washington. Online at: <http://www.geophys.washington.edu/SEIS>

USGS (see U.S Geological Survey)

UWGP (see University of Washington Geophysics Program).

WAC 173-60. *Maximum Environmental Noise Levels*. Washington Administrative Code, Olympia, Washington.

WAC 173-70. *Watercraft Noise Performance Standards*. Washington Administrative Code, Olympia, Washington.

WAC 173-201A. *Water Quality Standards for Surface Waters of the State Of Washington*. Washington Administrative Code, Olympia, Washington.

WAC 173-216. *State Waste Discharge Permit Program*. Washington Administrative Code, Olympia, Washington.

WAC 173-470. *Ambient Air Quality Standards for Particulate Matter*. Washington Administrative Code, Olympia, Washington.

WAC 173-480. *Ambient Air Quality Standards and Emission Limits for Radionuclides*. Washington Administrative Code, Olympia, Washington.

WAC 173-481. *Ambient Air Quality and Environmental Standards for Fluorides*. Washington Administrative Code, Olympia, Washington.

WAC 246-247. *Radiation protection -- Air emissions*. Washington Administrative Code, Olympia, Washington.

Waitt, R.B. 1980. "About Forty Last-Glacial Lake Missoula Jokulhlaups Through Southern Washington." *Journal of Geology* 88: 653-679.

Walker, D.E., Jr. 1967. *Mutual cross-utilization of economic resources in the Plateau: An example from aboriginal Nez Perce fishing practices*. Washington State University Laboratory of Anthropology, Report of Investigations, No. 41, Pullman, Washington.

Walker, D.E., Jr. 1998. *Handbook of North American Indians. Volume 12: Plateau*. Smithsonian Institute, Washington D.C.

Walker, D.E., Jr. and L.W. Pritchard. 1999. *Estimated Radiation Doses to Yakama Tribal Fishermen: An Application of the Columbia River Dosimetry Model Developed for the Hanford Environmental Dose Reconstruction Project*. Walker Research Group, Ltd. Boulder Colorado.

Ward, A. L., G. W. Gee, Z. F. Zhang, and J.M. Keller. 2002a. *Vadose Zone Transport Field Study: FY 2002 Status Report*. PNNL 14150 Pacific Northwest National Laboratory, Richland, Washington.

Ward, A.L., G.W. Gee and Z.F. Zhang. 2002b. *Hydrologic Tests of Lateral Flow and Transport in the Hanford Vadose Zone*. Appendix D.4.1 (D-223- D233), *In*. A. J. Knepp. Field Investigation Report for Waste Management Area B-BX-BY. RPP-10098. Rev 0, CH2MHILL Hanford Group, Inc. Richland, Washington.

Warren, J.L. 1980. *Vegetation Maps of the Hanford Reach, Columbia River*. Prepared for the U.S. Army Corps of Engineers, Seattle District, Seattle, Washington, by Pacific Northwest Laboratory, Richland, Washington.

Washington Center for Real Estate Research (WCRER). 2004a. *Washington State Housing Market*. Washington State University, Pulman, Washington. Available URL: <http://www.cbe.wsu.edu/~wcrer/market/HousingMarket.asp>. (Data accessed May 21,2004).

Washington Center for Real Estate Research (WCRER). 2004b. *WCRER Apartment Market Survey, Fall 2002*. Washington State University, Pulman, Washington. Available URL: [http://www.cbe.wsu.edu/~wcrer/market/apt\\_intro.htm](http://www.cbe.wsu.edu/~wcrer/market/apt_intro.htm). (Data accessed May 21,2004).

Washington Department of Fish and Wildlife. 2004. *Species of Concern*. Washington State Department of Fish and Wildlife. Olympia, WA. Available URL: <http://wdfw.wa.gov/wlm/diversty/soc/concern.htm>

Washington Natural Heritage Program. 2004. *Rare Plant Species County List*. Washington State Department of Natural Resources, Olympia, Washington. Available URL: <http://www.wa.gov/dnr/htdocs/fr/nhp/refdesk/fsrefix.htm>

Washington State Department of Ecology (Ecology). 1997. *1997 Air Quality Annual Report for Washington State*. #97-208, Washington State Department of Ecology, Olympia, Washington.

Washington State Department of Ecology Air Quality Program (Ecology). 1999. *1998 Washington State Air Quality Report*. #98-213. Online at: <http://www.wa.gov/ecology/air/98rptbea.pdf>

Washington State Department of Ecology Air Quality Program (Ecology). 2000. *1998 Air Quality Data Summary*. #00-02-005. Online at: <http://www.wa.gov/ecology/air/98-final1.pdf>

Washington State Department of Ecology (Ecology). 2003. *Columbia Plateau Windblown Dust Natural Events Action Plan*. #03-02-014. Online at: <http://www.ecy.wa.gov/pubs/0302014.pdf>

Washington State Labor Market and Economic Analysis (LMEA). 2004a. *Washington State Labor Summaries*. Olympia, Washington. Online at: <http://www.workforceexplorer.com/>

Washington State Labor Market and Economic Analysis (LMEA). 2004b. *Total Agricultural Employment in Washington State, Statewide, and by Area, 2003*. Olympia, Washington. Available URL: <http://www.workforceexplorer.com/>. (Data accessed June 18, 2004).

Washington State Labor Market and Economic Analysis (LMEA). 2004c. *Nonagricultural Wage and Salary Workers Employed in the Richland-Kennewick-Pasco MSA*. Olympia, Washington. Available URL: <http://www.workforceexplorer.com/>. (data accessed May 21,2004).

Washington State Office of Trade and Economic Development (OTED). 2004a. *Washington State Travel Impacts & Visitor Volume 1991-2003p*. Washington State Tourism Division, Olympia, Washington. Available URL: <http://www.experiencewashington.com/industry>. (Data accessed May 21,2004).

Washington State Office of Trade and Economic Development (OTED). 2004b. *A Brief Analysis of the Economic Benefits of Wind Power in Washington State*. Energy Policy Division, Olympia, Washington. Online at: <http://www.energy.cted.wa.gov/Papers/Wind%20Power%20Opportunities%20in%20WA.pdf>

Watson, D.G. 1970. *Fall Chinook Salmon Spawning in the Columbia River Near Hanford 1947-1969*. BNWL-1515, Pacific Northwest Laboratories, Richland, Washington.

Watson, D.G. 1973. *Fall Chinook Salmon Population Census*. BNWL-1750, Pacific Northwest Laboratories, Richland, Washington.

Watson, E.C., C.D. Becker, R.E. Fitzner, K.A. Gano, C.L. Imhoff, R.F. McCallum, A. Myers, T.L. Page, K.R. Price, J.V. Ramsdell, D.G. Rice, D.L. Schreiber, L.A. Skumatz, D.J. Sommer, J.J. Tawil, R.W. Wallace, and D.G. Watson. 1984. *Environmental Characterization of Two Potential Locations at Hanford for a New Production Reactor*. PNL-5275, Pacific Northwest Laboratory, Richland, Washington.

WCRER (see Washington Center for Real Estate Research).

Weida, K., and G. P. O'Connor. 2001. *Northwest Arid Lands: An Introduction to the Columbia Basin Shrub-Steppe*. Battelle Press, Columbus, Ohio.

Weiss, S.G., and R.M. Mitchell. 1992. *A Synthesis of Ecological Data from the 100 Areas of the Hanford Site*. WHC-EP-0601, Westinghouse Hanford Company, Richland, Washington.

Westinghouse Hanford Company (WHC). 1989. *Primary Operable Units Designation Project*. WHC-EP-0216, Environmental Engineering Group, Westinghouse Hanford Company, Richland, Washington.

Westinghouse Hanford Company (WHC). 1994. *Traffic Data for the Comprehensive Tank Waste Remediation System, Environmental Impact Statement*. Response to Memorandum 94-JE-DOE-010. Westinghouse Hanford Company, Richland, Washington.

WHC (see Westinghouse Hanford Company).

Williams, B.A., B.N. Bjornstad, R. Schalla, and W.D. Webber. 2000. "Identification of Separate Suprabasalt Aquifers and Temporal Changes in Groundwater Contaminant Preferential Flow Paths with the Hanford Site 200 East Area, Richland, Washington". In: *Hydrogeology of Washington State Symposium*. Tacoma, Washington.

Williams, B.A., B.N. Bjornstad, R. Schalla, and W.D. Webber. 2002. *Revised Hydrogeology for the Suprabasalt Aquifer System, 200-West Area and Vicinity, Hanford Site, Washington*. PNNL-13858, Pacific Northwest National Laboratory, Richland, WA.

WNHP (see Washington Natural Heritage Program)

Wolf, E.G. 1976. "Characterization of the Benthos Community." In *Final Report on Aquatic Ecological Studies Conducted at the Hanford Generating Project*, prepared by Battelle, Pacific Northwest Laboratories for United Engineers and Constructors, Inc. for Washington Public Power Supply System under Contract No. 2311201335, Richland, Washington.

Wolf, E.G., T.L. Page, and D.A. Neitzel. 1976. "Phytoplankton Community: Primary Productivity, Pigment Concentration, Species Composition and Relative Abundance of Phytoplankton and Physicochemical Analysis," Section 2. In *Final Report on Aquatic Ecological Studies Conducted at the Hanford Generating Project, 1973-1974, WPPSS Columbia River Ecological Studies, Vol. 1*. Prepared by Battelle, Pacific Northwest Laboratories for Washington Public Power Supply System, Richland, Washington.

Wood, M.I., R. Schalla, B.N. Bjornstad, and S.M. Narbutovskih. 2000. Subsurface Conditions Description of the B-BX-BY Waste Management Area. HNF-5507, Rev. 0. CH2MHill Hanford Group, Incorporated, Richland, Washington.

Woody, D.M. 2003. *Maximizing Value of an Archaeological Database at a Federal Facility in the Mid-Columbia*. Unpublished masters thesis, Central Washington University, Ellensburg, Washington.

Wright, M.K. 1993. *Fiscal Year 1992 Report on Archaeological Surveys of the 100 Areas, Hanford Site, Washington*. PNL-8819, Pacific Northwest Laboratory, Richland, Washington.

Wurstner, S.K., and M.D. Freshley. 1994. *Predicted Impacts of Future Water Level Decline on Monitoring Wells Using a Ground-Water Model of the Hanford Site*. PNL-10196, Pacific Northwest Laboratory, Richland, Washington.

Wydoski, R.S., and R.R. Whitney. 1979. *Inland fishes of Washington*. University of Washington Press, Seattle, WA

Yakama (see Treaty with the Yakama).

Zhang, Z.F., A.L. Ward and G.W. Gee. 2003. "A Tensorial Connectivity-Tortuosity Concept to Describe the Unsaturated Hydraulic Properties of Anisotropic Soils". *Vadose Zone Journal*. 2: 313-321.

Zimmerman, D.A., A.E. Reisenauer, G.D. Black, and M.A. Young. 1986. *Hanford Site Water Table Changes, 1950 Through 1980 - Data Observations and Evaluation*. PNL-5506, Pacific Northwest Laboratory, Richland, Washington.