

APPENDIX A

SUMMARY OF DATA SOURCES

REFERENCES

Aerial Photography

USDA, 2011. National Agriculture Imagery Program. A-meter resolution, 4-band imagery. US Department of Agriculture. Acquired Summer 2011.

Multi-Topic General Reference Materials

Central Washington University, 2005. *City of Moses Lake Shoreline Inventory and Characterization Final Draft*. Prepared by Geo-Ecology Research Group, Department of Geography and Land Studies. June 2005.

Soap Lake, 2012. City of Soap Lake Municipal Code, Chapter 14.08. *Shoreline Management Act*.

City of Soap Lake, 1974. *City of Soap Lake Shoreline Management Master Program*. Prepared by Grant County Planning Department and Citizens Advisory Committee. January 1974.

Grant County, 1975. *Grant County Shoreline Master Program*. Prepared for Grant County Planning Department and Citizens Advisory Committee for Shorelines Management. June 1975.

Grant County, 2011. 2000 Unified Development Code, as amended through August 2011. Chapters 24.04 through Chapters 25.32.

Independent Scientific Review Panel and Independent Scientific Advisory Board, 2004. Scientific Review of Subbasin Plans for the Columbia River Basin Fish and Wildlife Program. ISRP/ISAB 2004-13. August 2004.

KWA Ecological Sciences, 2004. *Crab Creek Subbasin Plan*. Prepared for the Washington Department of Fish and Wildlife and Lincoln County Conservation District. May 2004.

Public Utility District No. 2 of Grant County and Alliance Consulting Group, 2010. Shoreline Management Plan, Priest Rapids Hydroelectric Project (P-2114). March 2010.

Public Utility District No. 2 of Grant County, 2003. Draft Recreation Resource Management Plan, Priest Rapids Hydroelectric Project. FERC Project No. 2114. August 2003.

Public Utility District No. 2 of Grant County, 2010. Letter to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission (FERC). Regarding: Priest Rapids Project No. 2114; Grant PUD's Requests for Amendments to License Involving Proposed Modifications and Information Pertaining to: Crab Creek Corridor (Burkett Lake Recreation Area), The Priest Rapids Park (Desert Aire), Priest Rapids Dam Picnic Area, Crescent Bar Recreation Provisions, Implementation Schedule for Recreation Capital Projects. February, 26, 2010.

The Nature Conservancy, 2003. *Biodiversity Studies of the Hanford Site 2002-2003*. Prepared for the U.S. Department of Energy and the U.S. Fish and Wildlife Service. August 2003.

Town of Coulee City Code Title 24, Environment. Inclusive of Chapters 24.04 through Chapters 24.16.

U.S. Bureau of Reclamation, 2002. *Potholes Reservoir Resource Management Plan*. Grant County, Washington. August 2002.

U.S. Bureau of Reclamation, 2004. *Banks Lake Drawdown Final Environmental Impact Statement*. May 2004.

U.S. Bureau of Reclamation, 2007. *Potholes Reservoir Supplemental Feed Route Finding of No Significant Impact Environmental Assessment*. Columbia Basin Project, Grant County, Washington. August 2007.

U.S. Bureau of Reclamation, 2007. *Potholes Reservoir Supplemental Feed Route Finding of No Significant Impact Draft Environmental Assessment Technical Memorandum Alternative A-Crab Creek*. Columbia Basin Project, Grant County, Washington. April 2007.

U.S. Bureau of Reclamation, 2009. *Lake Roosevelt Incremental Storage Releases Project Finding of No Significant Impact and Final Environmental Assessment*. June 2009.

U.S. Bureau of Reclamation and Washington State Department of Ecology, 2007. *Appraisal Evaluation of Columbia River Mainstem Off-Channel Storage Options*. Prepared by CH2M Hill, Washington Group International, John Petrovsky Associates, ESA Adolfson, Larry Von Thun and Kim de Rubertis. May 2007.

U.S. Bureau of Reclamation and Washington State Department of Ecology, 2010. *Odessa Subarea Special Study Draft Environmental Impact Statement, Columbia Basin Project, Washington*. October 2010.

U.S. Fish and Wildlife Service, 2008. *Hanford Reach National Monument Final Comprehensive Conservation Plan and EIS*. August 2008.

U.S. Fish and Wildlife Service, 2011. *Columbia National Wildlife Refuge Final Comprehensive Conservation Plan and Environmental Assessment*. September 2011.

Washington Department of Ecology, 2008. *Final Supplemental Environmental Impact Statement for the Lake Roosevelt Incremental Storage Releases Program*. Ecology Publication #08-11-034. August 29, 2008.

Washington Department of Ecology, 2012. Environmental Information Management Database. Accessed online at: <http://www.ecy.wa.gov/eim/index.htm>.

Washington Department of Fish and Wildlife, 2006. *Columbia Basin Wildlife Area Management Plan*. November 2006.

Washington Department of Fish and Wildlife, 2007, 2009 and 2010. Columbia Basin Wildlife Area Management Plan Updates.

Toxic or Hazardous Material Clean-Up Sites

Washington Department of Ecology. Toxics Cleanup website.
http://www.ecy.wa.gov/programs/tcp/sites/sites_information.html

Stormwater/Wastewater Utilities

Washington State Department of Health, Division of Environmental Health. List of LOSS (Large On-site Sewage Systems) with approximate locations.

Hydrology/Streamflow Data

U.S. Geological Survey. Water Data for the Nation. Available online at <http://waterdata.usgs.gov/nwis>.

Historical or Archaeological Sites

Washington Department of Archaeology & Historic Preservation.

<http://www.dahp.wa.gov/>

Public Utility District No. 2 of Grant County, 2010. Historic Properties Management Plan, Priest Rapids Hydroelectric Project (P-2114).

Restoration Opportunity Areas

BioAnalysts, Inc., 2006. *Crab Creek Instream and Riparian Habitat Assessment and Restoration Plan*. Prepared for U.S. Fish and Wildlife Service. July 2006.

KWA Ecological Sciences, 2004. *Crab Creek Subbasin Plan*. May 2004.

Lara Berg Consulting, 2004. *Upper Middle Mainstem Subbasin Plan*. Prepared for the Northwest Power and Conservation Council. May 28, 2004.

Public Utility District No. 2 of Grant County and Alliance Consulting Group, 2010. *Shoreline Management Plan, Priest Rapids Hydroelectric Project (P-2114)*. March 2010.

Public Utility District No. 2 of Grant County, 2003. *Draft Recreation Resource Management Plan, Priest Rapids Hydroelectric Project*. FERC Project No. 2114. August 2003.

Public Utility District No. 2 of Grant County, 2010. Letter to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission (FERC). Regarding: Priest Rapids Project No. 2114; Grant PUD's Requests for Amendments to License Involving Proposed Modifications and Information Pertaining to: Crab Creek Corridor (Burkett Lake Recreation Area), The Priest Rapids Park (Desert Aire), Priest Rapids Dam Picnic Area, Crescent Bar Recreation Provisions, Implementation Schedule for Recreation Capital Projects. February, 26, 2010.

Public Utility District No. 2 of Grant County, 2009. *Wildlife Habitat Management Plan, Priest Rapids Hydroelectric Project*. FERC Project No. 2114.

U.S. Fish and Wildlife Service, 2011. *Columbia National Wildlife Refuge Comprehensive Conservation Plan*. September 2011.

Washington Department of Fish and Wildlife, 2007. *Steelhead Spawning Ground Surveys, Temperature, and Discharge Monitoring in Small Tributaries of the Columbia River Upper Middle Mainstem Subbasin, 2005 – 2007*. December 2007.

Land Use and Zoning

Proulx Cearns, 2006. *Grant County Comprehensive Plan and Final Environmental Impact Statement*.

City of Electric City Zoning Map

City of Grand Coulee and SCJ Alliance, 2010. *Comprehensive Land Use Plan 2010 – 2020*.

City of Grand Coulee Municipal Code Title 17 Zoning

City of Soap Lake Municipal Code Title 17 Zoning

Grant County Unified Development Code, Chapters 22.04 (Land Division) and 23.04 (Zoning Districts)

Plan It Consulting, 2009. *City of Soap Lake Comprehensive Plan*. Updated November 4, 2009.

Town of Coulee City, 2006. *Comprehensive Land Use Plan*.

Town of Coulee City Ordinance 532, Zoning Ordinance, and Title 18 Zoning Code

Town of Krupp, 2006. *Comprehensive Plan*.

Town of Krupp Zoning, Subdivision Code Title 16, Development Code Title 14 Zoning, and Resource Lands and Critical Areas Development Ordinance

Town of Wilson Creek, 2002. *Comprehensive Plan*.

Park Plans

Town of Coulee City, 2006. *Park Plan*. March 2006.

Public Utility District No. 2 of Grant County, 2003. *Draft Recreation Resource Management Plan, Priest Rapids Hydroelectric Project*. FERC Project No. 2114. August 2003.

Public Utility District No. 2 of Grant County, 2010. Letter to: Kimberly D. Bose, Secretary, Federal Energy Regulatory Commission (FERC). Regarding: Priest Rapids Project No.

2114; Grant PUD's Requests for Amendments to License Involving Proposed Modifications and Information Pertaining to: Crab Creek Corridor (Burkett Lake Recreation Area), The Priest Rapids Park (Desert Aire), Priest Rapids Dam Picnic Area, Crescent Bar Recreation Provisions, Implementation Schedule for Recreation Capital Projects. February, 26, 2010.

Water Quality Reports

Ecology, 2000. Water Quality Assessments of Selected Lakes within Washington State: 1997. Publication 00-03-009, March 2000.

Ecology, 2000. Water Quality Assessments of Selected Lakes within Washington State: 1998. Publication 00-03-039, December 2000.

Washington Department of Fish and Wildlife, 2007. Steelhead Spawning Ground Surveys, Temperature, and Discharge Monitoring in Small Tributaries of the Columbia River Upper Middle Mainstem Subbasin, 2005 – 2007. December 2007.

Critical Areas

City of Grand Coulee Municipal Code Chapter 17.18 Critical Areas and Resource Lands

City of Soap Lake Critical Areas Ordinance creating Municipal Code Chapter 14.12, Critical Areas, 2009

Grant County Unified Development Code, Chapters 24.08 (Critical Areas and Cultural Resource Lands)

Town of Coulee City Code Chapter 16.08, Resource Lands and Critical Areas

Town of Electric City Code Chapter 16.10, Critical Areas

Town of Krupp Resource Lands and Critical Areas Development Ordinance, 2006

Town of Wilson Creek Draft Critical Areas Regulation, 2008

GIS Data

SCJ Alliance, 2012. Personal communication (correspondence from Chuck Jones, SCJ Alliance to Ben Floyd, Anchor QEA, digital data transfer on January 31 and February 1, 2012. Including the following sets:

- Coulee City critical areas designations and associated soils, floodplain, wetlands and geologic hazards
- Krupp critical areas designations and associated soils, floodplain, wetlands and geologic hazards
- Grand Coulee critical areas designations and associated soils, floodplain, wetlands and geologic hazards

Priority Species and Habitats

US Fish and Wildlife Service (USFWS). 1987. United States Department of the Interior, Fish and Wildlife Service. National Wetlands Inventory. 1987.

Washington Department of Fish and Wildlife (WDFW) 2011?. Personal communication (agency correspondence from Lori Gugenmos to Elisabeth S. Lauver, Grant County, Washington) Priority Habitats and Species Database extract of Grant County Washington area. Washington Department of Fish and Wildlife, Priority Species and Habitats Program. 2011.

Geology and Soils

Washington Department of Natural Resources (WDNR). 19XX?. 1:100,000 Geologic Map of Washington State.

Natural Resources Conservation Service (NRCS) Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Soil Survey Geographic (SSURGO) Database for Grant County, WA]. Available online at <http://soildatamart.nrcs.usda.gov>. Accessed 2011.

Hydrography

U.S. Geologic Service (USGS). 2011. USGS in cooperation with USEPA, USDA Forest Service, and other Federal, State and local partners. National Hydrography Dataset. High-resolution dataset for Washington State. Updated September 13, 2011.

Federal Emergency Management Agency (FEMA), 2006. Digital Flood Insurance Rate Map (DFIRM).

Ecology, 1995. Lake Bathymetry of Washington. Washington State Department of Ecology. Accessed online at: <http://www.ecy.wa.gov/services/gis/data/data.htm#l>

Ecology, 2011. WRIA_poly (Water Resource Inventory Areas (WRIA) for Washington State at 1:24,000 scale). Washington State Department of Ecology. Accessed online at: <http://www.ecy.wa.gov/services/gis/data/data.htm#w>

Administrative

Grant County. 2012. Personal communication (agency correspondence from Elisabeth S. Lauver, Grant County to Charles Kiblinger, Anchor QEA, digital data transfer.

Including the following data sets:

- Grant County Boundary
- Incorporated Cities
- Moses Lake Irrigation District
- Open Range Lands

SCJ Alliance, 2012. Personal communication (correspondence from Chuck Jones, SCJ Alliance to Ben Floyd, Anchor QEA, digital data transfer on January 31 and February 1, 2012. Including the following sets:

- Coulee City, Grand Coulees and Krupp city limits and UGA

Land Use/Planning/Transportation/Utilities

Grant County. 2012. Personal communication (agency correspondence from Elisabeth S. Lauver, Grant County to Charles Kiblinger, Anchor QEA, digital data transfer.

Including the following data sets:

- Comprehensive Plan
- Comprehensive Plan Agriculture Designations
- Shoreline Designations (1975)
- Urban Growth Boundary
- Zoning
- Parcels
- Transportation

SCJ Alliance, 2012. Personal communication (correspondence from Chuck Jones, SCJ Alliance to Ben Floyd, Anchor QEA, digital data transfer on January 31 and February 1, 2012. Including the following sets:

- Coulee City, Grand Coulees and Krupp land use and zoning
- Coulee City water, sewer and stormwater utilities

Washington State Department of Transportation GeoData Distribution Catalog.

<http://www.wsdot.wa.gov/mapsdata/geodatacatalog/default.htm>

Landcover

Fry, J., Xian, G., Jin, S., Dewitz, J., Homer, C., Yang, L., Barnes, C., Herold, N., and Wickham, J., 2011. Completion of the 2006 National Land Cover Database for the Conterminous United States, PE&RS, Vol. 77(9):858-864. D

USDA/NRCS. (USDA) 2011. USDA-NASS Cropland Data Layer. National Geospatial Management Center. 2011

Water Quality

Ecology, 2000. Baseflow Stations. Washington State Department of Ecology, Environmental Assessment Program. Accessed online at:

<http://www.ecy.wa.gov/services/gis/data/data.htm#b>

Ecology, 2003. Dairy Farms of Washington 2003. Washington State Department of Ecology, Water Quality Program, Watershed Management Section, Watershed Planning Unit. Accessed online at: <http://ecy.wa.gov/services/data/ag/dairy.shp#d>

Ecology, 2008. 2008 Water Quality Assessment – 303(d) List. Washington State Department of Ecology. Accessed online at: <http://www.ecy.wa.gov/services/gis/data/data.htm#w>

Ecology, 2008. 2008 Water Quality Assessment - 305(b) Report. Washington State Department of Ecology. Accessed online at:

<http://www.ecy.wa.gov/services/gis/data/data.htm#w>

Ecology. TMDL activity website.

<http://www.ecy.wa.gov/programs/wq/tmdl/TMDLsbyWria/TMDLbyWria.html>