



The Hangman (Latah) Creek Water
Resources Management Plan

APPENDICES

May 19, 2005

Appendix F

Bibliography

- Agidius, T. H. 1983. Idaho Agricultural Water Quality Program Application for Upper Hangman Creek. Benewah Soil and Water Conservation District. St. Maries, ID. [water quality – report is an application and work plan for monitoring. No data in the report.]
- Brusven, M. and R. Biggam. 1996. Trend Changes in Aquatic Habitat and Benthic Macroinvertebrate Bioassessment Conditions in Upper Hangman Creek and Tributaries. University of Idaho, Division of Entomology, Moscow, Idaho. Project Completion Report submitted to the Coeur d'Alene Tribe, Plummer, Idaho. [fauna or flora – compares benthic work from 1985 and 1995. Data are good but are limited to Idaho areas only.]
- Buchanan, J. and Associates. 1998. Wellhead Protection Plan, Fairchild Air Force Base, WA. Seismic Reflection Survey of Hangman Valley Aquifer and Estimation of Recharge to the Lower Spokane Aquifer. Addendum - Part A. [water quantity – evaluates the ground water movement from Hangman Creek Watershed to the Spokane River/aquifer. Data and results are good.]
- Chiang, Robert Huai, 1982, Quantitative Geomorphology of the Hangman Creek Drainage Basin Washington and Idaho, A thesis presented to Eastern Washington University, Cheney, WA A Quantum analyze to determine discharge, drainage channel parameters, and drainage basin morphology. [descriptive, trend, or analysis – Characterizes geomorphic parameters for selected areas of the watershed. Data are generally fair to poor. Limited discharge data.]
- City of Spokane, 1993. Latah Creek Specific Plan. [management plan – limited information from the Vinegar Flats area to Hatch Road.]
- Coeur d'Alene Tribe, 1993. Hangman Creek Fish Survey Data, unpublished. [fauna or flora - Only a data table, no write up. This data has no methods or documentation.]
- Fortis, B. and M. Hartz. 1991. Hangman Creek Post-Best Management Practices Implementation Study, Benewah County, Idaho 1989-1990. Water quality status report No. 95. Idaho Department of Health and Welfare, Division of Environmental Quality, Boise, ID. [water quality - This is a report of a follow-up study on the upper Hangman Creek Watershed. It looks at how sediment, nutrients and bacteria levels, have changed over a nine-year period. Sampling was done over a six-month period on tributaries and the main stem of Hangman Creek. Included are introduction, methods, results, tables and appendices.]
- Hamilton, M., Stradling, D., and Derkey, R. 2001. Geology of the Hangman (Latah) Creek Flood Hazard Management Area. [informational or data - This report contains a detailed geologic map with definitions and descriptions of the geology of the Hangman Creek Flood Management Area. It also includes methods, bibliography, geologic cross sections and well log reports.]

- Huber, V. 1971. The Past and Future Meet at Hangman Creek 1971. Spokesman Review December 5:Sunday Magazine (page 3-4.). [informational or data - This article about the history and the “current” state of Hangman Creek does not have any information referenced. Point of Interest: Mentions a dam proposal on the creek.]
- Idaho Department of Health and Welfare, Division of Environmental Quality, 1982. Tensed/Lolo Project. Idaho Agricultural Water Quality Program. Closeout Report. [water quality - This report is a summary of the planning process for Tensed-Lolo Creek, a sub-watershed of Hangman Creek. It identifies non-point pollution sources although methods for obtaining that data are not included. It also identified future project areas.]
- Ko, C., Mueller, A., Crosby III, J., Orsborn J., September 1974. Preliminary Investigation of the Water Resources of the Hangman Creek Drainage Basin, Research Report No. 74/15-81, Investigative objectives: Establish stratigraphic framework study of basin, determine hydrologic properties of rock units, evaluate well performance and aquifer characteristics, estimate surface and groundwater resources. 133 pages. [descriptive, trend, or analysis - A lengthy report investigating the stratigraphic framework, the hydrologic properties of rock units, the performance of wells and aquifers and the surface and groundwater resources of the Hangman Creek Drainage Basin. Methods, results, tables and appendices are also included. Contains information on selected discharges in the upper basin, ET, and ground water flow across the state line.]
- Kruger, D. 1975. The Effects of the Cheney Sewage Effluent on the Water Quality of the Receiving Stream. Master’s Thesis, Eastern Washington University [water quality - This report looks at the effect of Cheney sewage effluent on water quality on a small tributary to Latah Creek. Only looked at two sites on Latah Creek. Includes introduction, methods, results, discussion, list of references and a complete appendix.]
- Laumeyer, P. and Maughan, O. 1973. Preliminary Inventory of Fishes in Hangman Creek. *Northwest Science*. 47(1):66-9. [fauna or flora - This study includes introduction, methods and a table of the results that lists data by site. They electro-shocked fish along eight sampling sites in Hangman Creek and recorded species, elevation, depth, width, vegetation, disturbance, and bottom type for each site.]
- Leitz, G. 1999. A History of Waverly and Pioneer Life Along This Part of Hangman Creek. [informational or data – Historical account of life in Waverly, Washington. Interesting with accounts of local people.]
- Marion, E. 1952. Hangman Creek is as Vivid in Story as in Name. Spokesman-Review. 28 September. Spokane, WA. [informational or data - Historical story about the

settlers that passed through or settled and of the Native Americans. Author does not reference the information used in the story.]

Maughan, O., Laumeyer P. 1974. Further Information on the Inventory of Fishes in Hangman Creek. *Northwest Science*. 48(3)172-174. [fauna or flora - Compares Latah Creek fish species composition data from 1893 to that of 1971 in the form of a table. There are no methods included.]

Scholz, A., O'Laughlin, K., Geist, D., Peone, D., Uehara J., Fields, L., Kleist, T., Zozaya, I., Peone, T., and Teesatuskie, K. 1985. Compilation of information on salmon and steelhead total run size, catch and hydropower related losses in the Upper Columbia River basin, above Coulee Dam. Fisheries Technical Report No. 2. Eastern Washington University, Department of Biology. [fauna or flora - This document contains many well referenced and direct historical quotes about the quantity and type of salmon and steelhead fishing on the Spokane River and its tributaries. There are many references to the Spokane and Cour D'Alene Tribes. A bibliography is not included.]

Spokane County Conservation District (SCCD). 1994. Hangman (Latah) Creek Watershed Management Plan. Spokane, WA. [management plan – Basin wide management plan that provides information on water quality problems and basin conditions. The report outlines water quality objectives and provides a discussion of best management practices. The report prioritizes the subwatersheds for future work.]

Spokane County Conservation District (SCCD). 1998. Biological Assessment of Hangman (Latah) Creek Watershed. [fauna or flora – Six sites were samples for benthic macro invertebrates to evaluate the cumulative effects of human disturbance on the stream.]

Spokane County Conservation District (SCCD). 1998. A Chronicle of Latah (Hangman) Creek: Fisheries and Land Use. [informational or data – Historical interviews about fisheries in Hangman Creek.]

Spokane County Conservation District (SCCD). 1999. Hangman (Latah) Creek Water Quality Monitoring Report, Water Resources Public Data File 99-01. Spokane, WA. [water quality – Six stations were monitored over a three-year period from October 1994 through September 1997. Routine and high flow event water quality samples were taken to characterize the water quality of the Hangman Creek watershed.]

Spokane County Conservation District (SCCD). 2000. Hangman Creek Subwatershed Improvement Project Report, Water Resources Public Data File 00-01. Spokane, WA. [water quality – Two subwatersheds were monitored over a four-year period from October 1995 through October 1999. The monitoring was done to

- evaluate if the implementation of BMPs could be shown to improve the water quality of the receiving waters.]
- Spokane County Conservation District (SCCD). 2000. Hangman (Latah) Creek Comprehensive Flood Hazard Management Plan, Water Resources Public Data File 00-02. Spokane, WA. [management plan – Evaluates and prioritizes flood prone areas from the mouth of Hangman Creek to Rock Creek.]
- Spokane County Conservation District (SCCD). 2000. Hangman Creek Sediment Discharge Report for Water Years 1998 and 1999, Water Resources Public Data File 00-03. Spokane, WA. [water quality – Quantifies bedload and suspended sediment loads form Hangman Creek for water years 1998 and 1999.]
- Spokane County Conservation District (SCCD). 2002. Hangman Creek Sediment Discharge Report for Water Years 1998 through 2001, in preparation, Spokane, WA. [water quality - Quantifies bedload and suspended sediment loads form Hangman Creek for water years 1998 through 2001. The report provides predictive regression equations to estimated the average annual bedload and suspended sediment load leaving the Hangman Creek watershed.]
- United States Department of Agriculture, Soil Conservation Service (SCS). 1984. Floodplain Management Study, Town of Rockford. Spokane, WA. [management plan - This document identifies area of study, problem areas and gives a floodplain management plan that recommends land treatment and non-structural and structural flood control measures. Cites sources that contain methods for their data collection.]
- United States Department of Agriculture, Soil Conservation Service (SCS). 1986. Watershed Protection Plan for Tensed/Lolo Land Treatment Project. St. Maries, ID. [management plan - This document identifies area of study, problem areas and gives a floodplain management plan that recommends land treatment and non-structural and structural flood control measures. Cites sources that contain methods for their data collection.]
- United States Department of Agriculture, Soil Conservation Service (SCS). 1989. Floodplain Management Study, Town of Spangle. Spokane, WA. [management plan - This document identifies area of study, problem areas and gives a floodplain management plan that recommends land treatment and non-structural and structural flood control measures. Cites sources that contain methods for their data collection.]
- United States Department of Agriculture, Soil Conservation Service (SCS). 1994. Floodplain Management Study, Fairfield, WA. [management plan - This document identifies area of study, problem areas and gives a floodplain management plan that recommends land treatment and non-structural and

structural flood control measures. Cites sources that contain methods for their data collection.]

United States Department of Agriculture, Soil Conservation Service (SCS). 1994. Hangman Creek Watershed Preliminary Investigation - Benewah County, Idaho. Boise, ID. [descriptive, trend, or analysis – provides some water quality data, but no methods. Data are fair and are limited to Idaho]

United States Geological Survey (USGS), 1949-Present. Annual Water Resources Data Reports. [water quantity – Daily average discharges for Hangman Creek. Miscellaneous stream flow statistics, data good.]

United States Geological Survey (USGS), 1964. Drainage-Area Data for Eastern Washington. Open file Release, Tacoma, Washington, 197 pp. [informational or data - Included are, maps of Lower Hangman Creek Basin, Little Spokane River Basin, Lower Spokane River Basin and a table of the drainage areas of the Spokane River Basin.]

United States Geological Survey (USGS), 1980. About Forty Last-Glacial Lake Missoula Jökulhlaups Through Southern Washington: *Journal of Geology*, v.88, p. 653-679. [descriptive, trend, or analysis – *Journal of Geology* article by USGS about outburst floods. Data are good.]

United States Geological Survey (USGS), 1985. Streamflow Statistics and Drainage-Basin Characteristics for the Southwestern and Eastern Regions, Washington, Volume II, Eastern Washington. Open-File Report 84-145-B, Tacoma, Washington. [informational or data – Provides statistical analysis for flood and low flow events. Methods and original data referenced, results are good.]

United States Geological Survey (USGS), 1998. Magnitude and Frequency of Floods in Washington, US Geological Survey Water-Resources Investigations Report 97-4277. [water quantity – provides flood statistics for Hangman Creek USGS gage. Data are good.]

United States Geological Survey (USGS), 1999. Summary of Information on Synthetic Organic Compounds and Trace Elements in Tissue of Aquatic Biota, Clark Fork-Pend Oreille and Spokane River Basins, Montana, Idaho, and Washington, 1974-96. Water-Resources Investigations Report 98-4254. [water quality - This study describes the contaminants in the tissue of riverine species. Six of the 16 sample sites were in the Spokane River Basin. They found elevated PCB that exceeded the guidelines for the protection of human health and predatory wildlife. Methods, results, discussion and references are included.]

United States Geological Survey (USGS), 2000. Concentrations of Selected Trace Elements in Fish Tissue and Streambed Sediment in the Clark Fork-Pend Oreille and Spokane River Basins, Washington, Idaho, and Montana, 1998. Water-

- Resources Investigations Report 00-4159. [water quality - The purpose of this study was to summarize concentrations and distribution of selected trace elements in fish tissue and bed sediment to see if the concentrations were harmful to human health. The report evaluated if there is a relation between concentration in tissue and bed sediment and land use activities. Two out of the 16 sample sites were in the Spokane River watershed. Methods, results, tables, and bibliography were included.]
- United States Geological Survey (USGS), 2001. PCB's in Tissue of Fish From the Spokane River, Washington, 1999. USGS Fact Sheet FS-067-01 [water quality - Using EPA methods, fish were collected at four sites on the Spokane River between Nine Mile Dam and the WA/Idaho border. Tissue samples were analyzed for PCB's by WDOE and were found to exceed the edible fish criterion by 10 times. Study includes methods, results and bibliography.]
- Washington State Department of Ecology 1973. Memorandum: July 2, 1973, Efficiency Study at Cheney STP. [descriptive, trend, or analysis - Includes a memo, efficiency survey report, bacteriological results and water quality data summary sheet. No methods just raw data.]
- Washington State Department of Ecology. 1974. Memorandum: January 21, 1974, Efficiency Study at Fairfield Lagoon. [descriptive, trend, or analysis - Includes a memo, efficiency study report, bacteriological results, sewage treatment plant operating and maintenance questionnaire for Fairfield, and water quality data summary sheet for Fairfield. No Methods, raw data.]
- Washington State Department of Ecology. Memorandum: September 6, 1974, Rockford Lagoon Survey. [descriptive, trend, or analysis - Includes a memo, efficiency study report, bacteriological results, and water quality data summary sheet for Fairfield. No methods, just raw data.]
- Washington State Department of Ecology. 1979. Memorandum: January 18, 1979, Tekoa Class II Inspection. [water quality – Water quality information related to discharge inspection. Reports results of the Tekoa sewage treatment plant inspection. The plant was tested to see if it removed an adequate amount of BOD and suspended solids. Includes methods and a table of results.]
- Washington State Department of Ecology. 1994. City of Tekoa Wastewater Treatment Plant Class II Inspection, August 31 – September 1, 1993. Report # 94-33. [descriptive, trend, or analysis - Water quality information related to discharge inspection.]
- Wetter, Fred. 1980. Hangman Creek Conservation Inventory. An RCA Project. July 1980. 23 pages. [informational or data - This document studies land uses and land management in the Idaho headwaters of Hangman Creek. It lists primary contributors to water quality and cropland deterioration and recommends

solutions for those problems. It concentrates on agricultural solutions to erosion. No bibliography or methods on how data were acquired for the tables.]

Whalen, J. 2000. Spokane River Subbasin Summary, Draft. Northwest Power Planning Council. [descriptive, trend, or analysis - Details fish and wildlife resources, subbasin management and subbasin recommendations for the Spokane river basin.]