

Appendix I: References for Research, Monitoring, and Evaluation

References for Research, Monitoring, and Evaluation	
	Aquatic
1	ESSA Technologies Ltd. 2003. Multi-Watershed Approach to Increase Learning from Columbia Basin Watershed Restoration Projects - Data Analysis Plan for Selected Sub-basins. Draft report prepared by ESSA Technologies Ltd., Vancouver, B.C. for Bonneville Power Administration, Portland OR. 137 pp. http://www.cbfwa.org/files/RME/Reports/ESSAproposedAnalysisPlan060603.doc
2	Espinosa, A. 1988. Clearwater Stream Survey Methodology. Clearwater National Forest, Orofino, Idaho.
3	Federicks, James P., M. A. Maiolie, S. Elam - Idaho Department of Fish and Game, 1995, Kokanee Impacts Assessment and Monitoring on Lake Pend Oreille, Idaho Chapter 1, Kokanee Impacts Assessment and Monitoring on Dworshak Reservoir, Idaho Chapter 2, 1994 Annual Progress Report to Bonneville Power Administration, Portland, OR, Contract No. 87BI35167, 94BI12917, Project No. 87-099, 94-035, 72 electronic pages. (BPA Report DOE/BP-35167-5). http://www.efw.bpa.gov/Environment/EW/EWP/DOCS/REPORTS/RESIDENT/R35167-5.pdf
4	Hankin, D.G., and G.H Reeves. 1988. Estimating total fish abundance and total habitat area in small streams based on visual estimation methods. Can J of Fish and Aquat Sci 45:834-844.
5	Hillman, T. W. 2003. Monitoring strategy for the Upper Columbia Basin. BioAnalysts, Inc. Report to Upper Columbia Regional Technical Team Upper Columbia Salmon Recovery Board. http://www.cbfwa.org/files/RME/2003_1016/UCBmonitoringStrategy%2010-01-03.doc
6	Hillman, T. W. and A. E. Giorgi. 2002. Monitoring protocols: effectiveness monitoring of physical/environmental indicators in tributary habitats. BioAnalysts, Inc. Report to Bonneville Power Administration, Portland, Or. Web link: Web link: http://www.efw.bpa.gov/cgi-bin/FW/welcome.cgi?ViewMode=External
7	Johnson, D. H., and nine others. 2001. Inventory and monitoring of salmon habitat in the Pacific Northwest—directory and synthesis of protocols for management/research and volunteers in Washington, Oregon, Montana, Idaho, and British Columbia. Review draft. Washington Department of Fish and Wildlife, Olympia, WA. Web link: http://www.wdfw.wa.gov/hab/sshiap/
8	Johnson, D. H., and seven others. 2003. Protocols for Counting and Collecting Salmonids, Resident Fish, and Lamprey in the Pacific Northwest Directory and Synthesis of Recommended Protocols for Management and Research in Washington, Oregon, Idaho, Montana, and British Columbia. http://www.cbfwa.org/files/RME/Reports/FishCountingProtocolsBriefingPaper111803Ver1.doc

9	Kaufmann, P. R., P. Levine, E. G. Robinson, C. Seeliger, and D. V. Peck. 1999. Quantifying physical habitat in wadeable streams. EPA/620/R-99/003, U.S. Environmental Protection Agency, Washington, D.C. Web link: http://www.epa.gov/emap/html/pubs/docs/groupdocs/surfwatr/field/phyhab.html
10	Lazorchak, J. M., D. J. Klemm, and D. V. Peck (editors). 1998. Environmental monitoring and assessment program—surface waters: field operations and methods for measuring the ecological condition of wadeable streams. EPA/620/R-94/004F, U.S. Environmental Protection Agency, Washington, D.C. Web link: http://www.epa.gov/emap/html/pubs/docs/groupdocs/surfwatr/field/ws_abs.html
11	Lillengreen, K., A. Vitale, R. Peters. 1996. Fisheries Habitat Evaluation on Tributaries of the Coeur D’Alene Indian Reservation. Project Number. 90-044, 265 electronic pages. http://www.efw.bpa.gov/Environment/EW/EWP/DOCS/REPORTS/RESIDENT/R10544-4.pdf
12	Maroney, J., C. Donley, J. Scott, N. Lockwood, Jr. 1995. Kalispel Resident Fish Project. Project No. 1995-00100, 172 electronic pages, (BPA Report DOE/BP-37227-1). http://www.efw.bpa.gov/Environment/EW/EWP/DOCS/REPORTS/RESIDENT/R37227-1.pdf
13	Maiolie, M., B. Ament, and B. Harryman. 2000. Lake Pend Oreille Fishery Recovery Project. Project No. 1994-04700, 52 electronic pages, (BPA Report DOE/BP-00004003-1). http://www.efw.bpa.gov/Environment/EW/EWP/DOCS/REPORTS/RESIDENT/R00004003-1.pdf
14	Moore, K., K. Jones, and J. Dambacher. 2002. Methods for stream habitat surveys; aquatic inventory project. Oregon Department of Fish and Wildlife, Aquatic Inventories Project, Natural Production Program, Corvallis, OR. Web link: http://oregonstate.edu/Dept/ODFW/freshwater/inventory/methods.html
15	Murphy, P. and C.W. Huntington. 1995. Updated Stream Survey Methodology for the Clearwater National Forest. Internal Document. Clearwater National Forest. Orfino, Idaho.
16	OPSW (Oregon Plan for Salmon and Watersheds). 1999. Water quality monitoring, technical guide book. Version 2.0. Corvallis, OR. Web link: http://www.oweb.state.or.us/publications/index.shtml
17	Research, Monitoring & Evaluation Plan for the NOAA-Fisheries 2000 Federal Columbia River Power System Biological Opinion. Draft 9/11/03 http://www.cbfwa.org/files/RME/Reports/RME_Plan_09-2003.pdf
18	Schuett-Hames, D., J. Ward, M. Fox, A. Pleus, and J. Light. 1994. Large woody debris survey module. Section 5 in: D. Schuett-Hames, A. Pleus, L. Bullchild, and S. Hall, editors. Ambient monitoring program manual. Timber-Fish-Wildlife TFW-AM9-94-001, Northwest Indian Fisheries Commission, Olympia, WA. Web link: http://www.nwifc.wa.gov/TFW/documents.asp

19	Schuetz-Hames, D., A. E. Pleus, E. Rashin, and J. Matthews. 1999a. Method manual for the stream temperature survey. Timber-Fish-Wildlife TFW-AM9-99-005, Northwest Indian Fisheries Commission, Olympia, WA. Web link: http://www.nwifc.wa.gov/TFW/documents.asp
20	Schuetz-Hames, D., R. Conrad, A. Pleus, and M. McHenry. 1999b. Method manual for the salmonid spawning gravel composition survey. Timber-Fish-Wildlife TFW-AM9-99-006, Northwest Indian Fisheries Commission, Olympia, WA. Web link: http://www.nwifc.wa.gov/TFW/documents.asp
21	Simonson, T., J. Lyons, and P. Kanehl. 1994. Quantifying fish habitat in streams: transect spacing, sample size, and a proposed framework. North American Journal of Fisheries Management 14:607-615.
22	Underwood, K.D., and J.P. Shields. 1996. Lake Roosevelt Fisheries and Limnological Research, 1995 annual report. Project Number 88-63. 337 electronic pages. http://www.efw.bpa.gov/Environment/EW/EWP/DOCS/REPORTS/RESIDENT/R91819-15.pdf
23	WDFW (Washington Department of Fish and Wildlife). 2000. Fish passage barrier and surface water diversion screening assessment and prioritization manual. Washington Department of Fish and Wildlife Habitat Program, Environmental Restoration Division, Olympia, WA. Web link: http://www.wa.gov/wdfw/hab/engineer/fishbarr.htm
24	WDFW (Washington Department of Fish and Wildlife). 2000. Standard Fish Sampling Guidelines for Washington State Ponds and Lakes. Scott A. Bonar, Bruce D. Bolding and Marc Divens. Web link: http://wdfw.wa.gov/fish/warmwater/library/samplingguidelines.htm
25	WFPB (Washington Forest Practices Board). 1995. Washington forest practices board manual: standard methodology for conducting watershed analysis under Chapter 222-22 WAC. Version 3.0. Washington Forest Practices Board, Olympia, WA. Web link: http://www.dnr.wa.gov/forestpractices/watershedanalysis/
26	WSRFB (Washington Salmon Recovery Funding Board). 2003. Draft 5/16/2003 monitoring and evaluation strategy for habitat restoration and acquisition projects. Washington Salmon Recovery Funding Board, Olympia, WA. Web link: http://www.iac.wa.gov/srfb/docs.htm
27	Zaroban, D. W. 2000. Protocol for placement and retrieval of temperature data loggers in Idaho streams. Idaho Division of Environmental Quality, Boise, ID. Web link: http://www.deq.state.id.us/water/tlp.htm
28	PNAMP (Pacific Northwest Aquatic Monitoring Partnership) http://www.cbfwa.org/files/RME/Reports/PNAMPplanningDocument010604.doc
29	Albeni Falls Work Group. 2002. Albeni Falls Monitoring and Evaluation Plan for the Albeni Falls Mitigation Project. Bonneville Power Administration. Portland, OR

30	Beals, J., and W. Melquist. 2001. Idaho bald eagle nesting report 2000. Idaho Department of Fish and Game, Boise. 16 pp
31	Unnasch, R.S., S. Rust, D. Leptich, E. Bottum, M. Terra-Berns, G. Servheen, R. Martin. 2003 Monitoring and Evaluation Plan for Idaho Wildlife Mitigation Projects. Idaho Conservation Data Center, Idaho Dept of Fish and Game. Boise, ID 83707
32	U.S. Fish and Wildlife Service. 1980a. Habitat evaluation procedures (HEP). Ecological Services Manual 102. Division of Ecological Services, Washington D.C.
33	U.S. Fish and Wildlife Service. 1980b. Habitat as a basis for environmental assessment. Ecological Services Manual 101. Division of Ecological Services, Washington D.C
34	U.S. Fish and Wildlife Service. 1981. Standards for the development of habitat suitability index models for use in HEP. Ecological Services Manual 103. U.S. Fish and Wildlife Service Division of Ecological Services, Washington D.C.
35	Wildlife Society. 2002. Performance Measures for Ecosystem Management and Ecological Sustainability. Technical Review 02-1. http://www.cbfwa.org/files/RME/Reports/TWS_Performance_Measures_02-1-2002.pdf
36	McLellan, Lee, Scofield, and Pavlik. 2003. Lake Roosevelt Fisheries Evaluation Program 1999 Annual Report. Project Number 1994-043-00. 232 electronic pages.
37	Lee, Scofield, Pavlik, and Fields. 2003. Lake Roosevelt Fisheries Evaluation Program 2000 Annual Report. Project Number 1994-043-00. 271 electronic pages.
38	Cochnauer, T, R. Davis. 1998. Gas Bubble Monitoring in the Clearwater River Drainage, Idaho 1998. IDFG. Project Number 1997-017-00. 20 electronic pages. http://www.efw.bpa.gov/Environment/EW/EWP/DOCS/REPORTS/DOWNSTRM/D31259-1.pdf
39	Spokane Tribe of Indians. 2003. Surface Water Quality Standards. March 7, 2003. Resolution 2003-259.
40	Spokane Tribe of Indians. 2004. Quality Assurance Project Plan and Standard Operating Procedures for Environmental/Biological Sampling on Spokane Indian Reservation. February 19, 2004. Department of Natural Resources; Water & Fish Program; Wellpinit WA.
41	Murphy and Willis. 1996. Fisheries Techniques. American Fisheries Society, Bethesda, MD.
42	Barbour, M.T., J. Gerritsen, B.D. Snyder, and J.B. Stribling. 1999. Rapid Bioassessment Protocols for Use in Wadeable Streams and Rivers: Periphyton, Benthic Macroinvertebrates and Fish, Second Edition. EPA 841-B-99-002. U.S. Environmental Protection Agency; Office of Water; Washington, D.C.
43	APHA, AWWA, and WEF, 1999. Standard Methods for the Examination of Water and Wastewater, 20 th Edition. American Public Health Association, American Water Works Association, and Water Environment Federation. Washington, D.C.

44	Tanner, D.Q. and M.W. Johnston. 2001. Data-Collection Methods, Quality-Assurance Data, and Site Considerations for Total Dissolved Gas Monitoring, Lower Columbia River, Oregon and Washington, 2000. Water-Resources Investigations Report 01-4005, U.S. Geological Survey, Portland, Oregon.
45	Wagner, T. and M. Falter. 2001. The Lake Pend Oreille Aquatic Macrophyte Community and Its Response to Higher Winter Water Levels. University of Idaho, Final Report to Idaho Department of Fish and Game. Moscow, Idaho.
46	Maiolie, M.A., K. Harding, W. Ament and W. Harryman. 2002. Lake Pend Oreille Fishery Recovery Project. Idaho Fish and Game. Completion Report, Number 02-56, Boise, Idaho.
47	Vitale, A.J., D. Lamb, R. Peters, and D. Chess. 2003. Coeur d'Alene Tribe Fisheries Program Research, Monitoring and Evaluation Plan. USDE, Bonneville Power Administration, Portland, OR. 93p.
48	Vitale, A.J., F.M. Roberts, R.L. Peters and J. Scott. 2002A. Fish and wildlife habitat protection plan. U.S. Department of Energy, Bonneville Power Administration, Portland, OR. Project Number 1990-044-00. 56p.
49	Vitale, Angelo, Dave Lamb, Jason Scott, "Implementation of Fisheries Enhancement Opportunities on the Coeur d'Alene Reservation". 2002 Annual Report. Project No. 1990-04400, 111 electronic pages, (BPA Report DOE/BP-00010885-1)
50	Spruell, P., K.L. Knudsen, J. Miller and F.W. Allendorf. 1999. Genetic analysis of westslope cutthroat trout in tributaries of Coeur d'Alene Lake. Coeur d'Alene Tribe Fisheries Program, Progress Report .WTSGL99-101, Plummer, Idaho.
51	Anders, Paul, John Cussigh, David Smith, Jason Scott, Dale Ralston, Ron Peters, Douglas Ensor, William Towey, Ernest Brannon, Raymond Beamesderfer, Jeffery Jordan. 2003. "Coeur d'Alene Tribal Production Facility, Volume I of III", Project No. 1990-04402, 424 electronic pages, (BPA Report DOE/BP-00006340-2).
52	Albeni Falls Interagency Work Group. 2001. DRAFT Monitoring and Evaluation Plan for the Albeni Falls Wildlife Mitigation Project. 27 p.
53	Ammann, G. A., and L. A. Ryel. 1963. Extensive methods of inventorying ruffed grouse in Michigan. J. Wildl. Manage. 27(4): 617-633.
54	British Columbia Ministry of Environment, Lands and Parks; Resources Invent. Comm. 1998. Inventory Methods for Small Mammals: Shrews, Voles, Mice & Rats; Standards for Components of British Columbia's Biodiversity No. 31. Version 2. http://www.for.gov.bc.ca/RIC/Pubs/teBioDiv/smallmammals/index.html .
55	Creveling, J., and B. Renfrow. 1986. Wildlife protection, mitigation and enhancement planning for Grand Coulee Dam. U.S. Dept. of Energy; Bonneville Power Administration; Division of Fish & Wildlife. 121 p.
56	Frank, W. J. 1947. Ruffed grouse drumming site counts. J. Wildl. Manage. 11(4): 309-316.
57	Gunson, J. R. 1979. Use of night-lighted census in management of deer in Alberta and Saskatchewan. Wildl. Soc. Bull. 7: 259-267.

58	Huff, M. H., K. A. Bettinger, H. L. Ferguson, M. J. Brown, and B. Altman. 2000. A habitat-based point-count protocol for terrestrial birds, emphasizing Washington and Oregon. Gen. Tech. Rep. PNW-GTR-501. Portland, OR: U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Research Station. 39 p.
59	Badzinski, Debbie S. and Ian Richards. Southern Ontario Bald Eagle Monitoring Project. 2002. 16 pp.