Northwest Power and Conservation Council

March 30, 2006

MEMORANDUM

TO: Council Members

FROM: Kerry Berg

SUBJECT: Monitoring in Montana - Brian Marotz of Montana Fish, Wildlife & Parks

Brian Marotz is the Fisheries Mitigation Manager for Montana Fish, Wildlife & Parks in Kalispell, Montana. As a certified fisheries scientist, Brian has directed applied research and on-the-ground mitigation actions in the Kootenai and Flathead Subbasins for over 20 years. Efforts by Brian's team of biologists and technicians resulted in selective withdrawal temperature control on Hungry Horse Dam, Integrated Rule Curves and modified flood control at Hungry Horse and Libby Dams, white sturgeon tiered flows in the Kootenai River and many effective habitat improvements and improved fish passage at migration barriers.

Before moving to Montana, Brian earned his Masters degree in estuarine fisheries management at Louisiana State University in Baton Rouge and Bachelors degree in Biology from the University of Wisconsin Stevens Point. He also studied marine biology at Woods Hole, Massachusetts, at sea in the Atlantic and Caribbean and in the Gulf of Mexico at the Gulf Coast Research Institute in Ocean Springs, Mississippi.

Brian will present the Fish Committee preliminary monitoring results from the first year of the Mainstem Amendment monitoring project and relate those findings to previous research on the effects of dam operation on reservoir and river biota. Applied research and monitoring in the Kootenai and Flathead Watersheds are coordinated to direct mitigation actions and optimize the use of data collected. He will touch on certain aspects of the $30 million Corps proposal to study flood control basinwide. Specifically, VARQ flood control developed for Libby and Hungry Horse could be applied to other headwater projects to benefit freshwater and anadromous species basinwide.

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