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December 3, 2008

MEMORANDUM

TO: Council Members

FROM: Nancy Leonard

SUBJECT: NOAA/BPA Integrated Status and Effectiveness Monitoring Project and USGS/USBR Methow RME study

Chris Jordan (NOAA) will be presenting an update on the Integrated Status and Effectiveness Monitoring Project (ISEMP). The ISEMP project was initiated in 2003 in response to the need for status and trend and effectiveness monitoring information in the Columbia River basin. The ISEMP project consists of the three basins: John Day, Salmon, and Wenatchee-Entiat. Work conducted in these three basins includes: monitoring data management tool development, protocol comparisons, status and trends monitoring sampling and indicator design. In addition, the work includes effectiveness monitoring of push up dam removal, floodplain process restoration, channel complexity increase and tributary reconnection as indicated by the abundance, productivity, condition, and distribution of anadromous and resident salmonids. ISEMP is participating in the pilot effort for coordinating Monitoring and Evaluation in the John Day, which focuses on the impact of riparian habitat restoration on fish.

Michael Newsom (USBR) will report the past and proposed Methow River Basin research, monitoring and evaluation project funded by the Bureau of Reclamation and conducted by Pat Connolly (USGS), principal investigator. This work includes modeling to test and refine hypotheses about fish limiting factors, pre-treatment and post treatment assessments of fish productivity relative to a major channel and floodplain treatment, coordination with other monitoring entities on methods and objectives, and the development of a common data management strategy.