

# Pacific Northwest National Laboratory

Operated by Battelle for the  
U.S. Department of Energy

April 19, 2006

David Marvin  
Pacific States Marine Fisheries Commission  
205 SE Spokane Street, Suite 100  
Portland, OR 97202



Dear Mr. Marvin:

Battelle is conducting a research project funded internally looking at the molecular effects of transported versus in-river migration of juvenile Chinook salmon. The purpose of the memo is to request a Sort by Code of 20 juveniles at McNary under the guidance of Brad Eby or his delegate, and in coordination with Charles Morrill.

The research project will use tagged juvenile spring Chinook in cooperation from the Extra Mortality study conducted by Doug Marsh (NOAA) at Lower Granite. Doug will provide the tag codes as a part of his study, and we will follow up to confirm a subset of these tag numbers to track with our projected release date of May 3 from Lower Granite Dam. We request to have 20 fish sorted by code over the course of a 12 hour window (midnight to noon) at the McNary juvenile fish facility in coordination with Brad Eby. If less than 20 fish are received during this time window, these fish should be returned to the river. We request the sort by code to tentatively start on May 10, 2006. This quota is a one time request, and no further sorting activity is necessary once the desired number have been collected in the requested time frame.

We have obtained an ESA permit from NOAA, and FPAC for approval take associated with sort by code access. We have requested permission from the Walla Walla District office for working on McNary to collect fish from the juvenile fish facility at that location. Our Battelle Research Associate listed on this project has already received safety training at McNary for related project activities.

Ann Miracle – Project Manager  
Matt Bleich – Research Associate

Thanks for your help in this matter.

Sincerely,

Ann Miracle, Ph.D.  
Senior Research Scientist

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