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From: Bao Le
Sent: Monday, September 17, 2007 2:53 PM
To: 'Stephen_Lewis@fws.gov'
Cc: Bob Rose; Mary Mayo; Molly Hallock
Subject: RE: Wells Lamprey Passage Study

Hi Steve, this was a significant part of our discussion with Molly (WDFW) and what we concluded was that conventional wisdom suggests that lamprey do not home but are attracted to the pheromones produced by juveniles. Additionally, our target sample size here is 40 fish which is a fraction of the population of fish passing Reach and therefore not likely to be a huge detriment regardless. If in fact they do home, the information collected on these fishes movements would be very beneficial in planning for a study next year if that is necessary, ie., it would be valuable information if all fish tagged and transported turned and high tailed it back to the Entiat. The reality is that we have counted 27 fish at Wells Dam (including the 6 that have been captured and tagged with serious effort expended). If we want to collect the information that will allow us to have a healthy discussion as to what needs to be done to help improve lamprey passage during the new license term, we may need to entertain alternative sources of fish. Reach is the most reasonable for many obvious reasons. If we're unable to assess whether Reach fish may be a reasonable supplement/surrogate, we should also accept that meeting sample size at Wells given these past few years may be of a very low probability also. Please consider and get back to me asap. Thanks. Bao

Bao Le
Sr. Aquatic Resource Biologist
Douglas PUD
1151 Valley Mall Pkwy.
East Wenatchee, WA 98802
509-881-2323 (Direct)
509-884-0553 (FAX)