

Monitoring Action Number	Indicator	Monitoring Task	Justification	Uncertainty And Risk	Duration	Data Analysis	Trigger For Management Changes
MA-6	Stranding	Field surveys will be made monthly at selected beaches (upper, mid, and lower river) during the April-August out-migration to measure the number of fish being stranded along beaches.	Identify if there is a change in stranding due to deepening.	Stranding L, M.	One year before deepening and 1 year after deepening.	Compare pre- and post-project stranding counts.	If there is an increase in the number of fish stranded, proposals would be developed and presented to decision makers.

Description: Pilot study was completed September 2002, by S. P. Cramer and Associates, Inc. A scope of work for the comprehensive study was developed by an interagency working group and follows.

Schedule: The stranding study began in March 2004 with a field data verification on Sauvie Island. Results of the data verification will be used to refine the work. Three additional field events were conducted; one in summer 2004, one in fall 2004 and one in spring 2005. Two seasons of sampling were necessary in order that both early and late migrating juveniles can be assessed. The study will be repeated one year after the entire construction of the deeper channel to assess the changes, if any, in stranding with the deeper channel.

Status: Pre-construction evaluation complete. The draft stranding report was provided to the AMT on January 11, 2006 for 30 day agency review.