

MEMORANDUM FOR THE RECORD

SUBJECT: 24JDA12 Reducing Sample Rate Due to Excessive Shad Bycatch

Project fisheries will be reducing their sample rate at the JDA Smolt Monitoring Facility (SMF) effective 29 August. Personnel have been sampling at a 100% rate attempting to capture the FPP target of “100 of the predominant species”. The juvenile salmonid numbers have dropped off substantially this month, while the juvenile shad numbers have drastically increased (see table 1).

With such high juvenile shad numbers, it adds unnecessary stress and holding times to any salmonid smolts that may end up in the sample. With the summer spill season ending at the end of August, it seems likely that the shad numbers will increase even more.

Sample Date	Salmonids	Shad
8/1	101	1,350
8/5	63	27,973
8/8	42	28,872
8/12	3	11,848
8/15	7	21,912
8/19	3	17,716
8/22	1	21,958
8/26	0	45,477

Table 1: Handled fish in the JDA SMF sample. All days were sampled at a 100% sample rate.

- A. Species – NA
- B. Origin – NA
- C. Length – NA
- D. Marks and tags – NA
- E. Marks and Injuries found on carcass – NA
- F. Cause and Time of Death – NA
- G. Future and Preventative Measures- Potentially add verbiage to the FPP to allow the project to reduce sample rates based on shad presence in future sample years.

Sincerely,

Project Fisheries