

MEMORANDUM FOR THE RECORD

SUBJECT: 19JDA17 Gatewell 15A STS failure

On the afternoon of 15 October during routine monthly STS inspections, JD maintenance found the STS in gatewell 15A not rotating. The unit was forced OOS and the STS was removed for inspection. A spare was installed in the slot. Upon investigating damage to the screen, it was evident that major structural damage occurred to the support beams and chain linkage of the screen. A contractor had been testing the new intake crane in the area several weeks ago and may have hooked onto it during their test.

Juvenile shad were the only fish that could be positively identified impinged on the screen. However, the majority of the fish were decomposed beyond identification. Only 5 salmonids have been detected in the juvenile bypass system in the last 30 days. Juvenile passage in October is minimal.

- A. Species – Shad and unidentified species
- B. Origin – unknown
- C. Length – unknown
- D. Marks and tags – none
- E. Marks and Injuries found on carcass – none
- F. Cause and Time of Death – unknown
- G. Future and Preventative Measures –



Sincerely,
JD Project Fisheries