

MEMORANDUM FOR THE RECORD

SUBJECT: 21JDA09 Annual Fishway ROV Inspection

At 1000 on 8/9/2021 the JDA fisheries crew performed their annual fishway ROV inspection. The inspections were performed one fish ladder at a time, and the grating was inspected for damages. The AWS pumps were turned off just prior to deploying the ROV (to reduce velocities). Once the ROV inspection was complete, Operations was notified, and the AWS pumps were immediately returned to service. Visual confirmation was made to ensure the first ladder was back in criteria prior to taking the second ladder out of service.

From deployment to retrieval the NFL inspection took approximately 20-minutes. Due to an ROV mishap (see figure: 1) the SFL took longer than usual and was completed in approximately 1.5-hours. There were no visible signs of fishway damage. The inspections were completed around 1430, and all ladders were returned to service in criteria.

- A. Species – N/A
- B. Origin – N/A
- C. Length – N/A
- D. Marks and tags – N/A
- E. Marks and Injuries found on carcass – N/A
- F. Cause and Time of Death – N/A
- G. Future and Preventative Measures – N/A

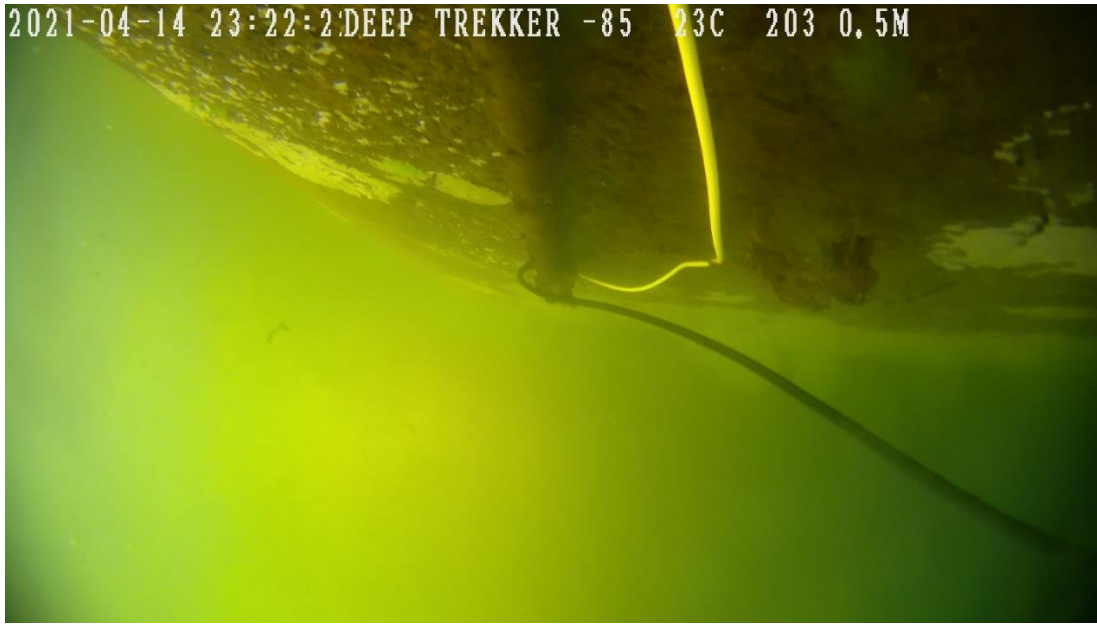


Figure 1: ROV cable wrapped around an old conduit, and JDF had to attach a weight to a rope and lower and raise several times before the cable finally came free. The date and time on the ROV have since been updated to show the actual date/time.



Figure 2: A white sturgeon in the entrance section of the NFL. The date and time on the ROV have since been updated to show the actual date/time.

Sincerely,
JD Project Fisheries