

**MEMORANDUM FOR THE RECORD: 22 LWG 07****SUBJECT: Vertical Barrier Screen (VBS) Damage.**

The biological science technician operating the juvenile fish separator removed a 24" x 6" piece of what looked like VBS screen from the separator June 9. The project biologist and the shift operator coordinated rolling unit outages to perform VBS inspections the afternoon of June 10. Unit 1 inspections were completed. Water clarity prevented inspections of remaining units on June 11. Due to the high flow conditions, current and projected weather, and turbidity, video inspections were halted until river conditions improved. VBS inspections were attempted again June 21 and were again canceled due to high turbidity. Scheduled ESBS/VBS inspections were completed June 26-27. Unit 2 was taken out of service at 1045 hours for inspections June 26 and remains forced out of service to repair damage observed on the VBS in gateway slot 2B. Numerous punctures and tears were found on the bottom panel of VBS upon dewatering gateway 2B. No mortalities were found and the VBS panel will be replaced. Remaining units passed inspections.

- A. Species – Juvenile Chinook salmon, coho salmon, steelhead, and juvenile lamprey. LWG juvenile fish facility average descaling rate was 0.6% and the facility average mortality rate was 0.15% during the June 9-27 period.
- 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

Sincerely,  
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