

**MEMORANDUM FOR THE RECORD**

**SUBJECT: Steelhead Adult Mortalities in Navlock Dewatering**

The Dalles navigation lock was dewatered for maintenance second week of March 2021. Plan was to have a two week outage and return to service. Numerous pools and leakage remained during this time. Past experience of fish removal proved ineffective due to pool depths and size. Pools are visually scanned and monitored from above for fish. No fish were observed.

Damage to the navigation lock gates required an additional 2 week outage. Pools were scanned late in day March 18th. Two dead and one badly fungus near death steelhead were observed. The following day this steelhead was dead. It appeared the 2 dead steelhead were likely prior to dewatering due to fish condition. Numerous dead shad were also observed.

- A. Species – Three steelhead
- B. Origin – unknown
- C. Length – adults size, fish not in hand.
- D. Marks and tags – One fish unclipped, two could not be determined,
- E. Marks and Injuries found on carcass – heavily fungus
- F. Cause and Time of Death – unknown. Two likely dead prior to dewater. One possible died from fungus infection.
- G. Future and Preventative Measures – Monitoring pools will continue to be a practice. Entry will be planned accordingly if needed.

Sincerely,  
Bob Cordie  
Project Fisheries