

MEMORANDUM FOR THE RECORD 19-IH-16

SUBJECT: Jack Chinook salmon mortality

A jack Chinook salmon mortality found on the morning of August 8, 2019, below the east end of the south fish ladder.

- A. Species – *Oncorhynchus tshawytscha*.
- B. Origin – Unknown.
- C. Length – 20.5”
- D. Marks and tags – clipped
- E. Marks and injuries found on carcass – descaling from rubbing against the pavement, blood pooling at base of pectoral fins.
- F. Location – The fish was on the ground at the base of the stairs that lead up to the south shore picketed leads.
- G. Cause and time of death – The fish most likely jumped over the fence at the turning pool just upstream from the fish counting station. It probably did not jump from the upper diffuser area, based on the lack of impact marks on the fish. The fish was dead for less than one day, as it was not there at the end of the previous work day.
- H. Future and preventative measures – Project staff will attach netting or some other type of jump barrier to the top of the fence, as feasible, at the turning pool upstream from the count station.
- I. Pictures included – see below

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