

CENWW-OD-T

Date: 1 July 2014

MEMORANDUM FOR THE RECORD

SUBJECT: 14 MCN 16 MFR Fish Loss on McNary Spillway Deck

Narrative:

On Monday, June 30 at about 1400 hours on the spillway deck by bay 3 on the east side of the deck Assistant Biologist Bobby Johnson found approximately 30 lost sub yearling Chinook smolts in about a 3 feet diameter circle. Ten and five were in matted wads with maggots about 1/4 inch long. They had been driven on. The remaining 15 were scattered around and north of these mats and the maggots were 1/8 inch long.

We suspect that some large bird, such as a pelican or cormorant, regurgitated them at that location. Not known why.

- A. Species:** Approximately 30 sub-yearling Chinook..
- B. Origin:** Mixed clipped and unclipped? Hard to tell due to their poor condition.
- C. Length:** 3-5"
- D. Marks and Tags:** None.
- E. Marks and Injuries Found on the Carcasses:** Badly deteriorated.
- F. Cause of Death:** Probably swallowed by a bird and regurgitated.
- G. Future and Preventative Measures:** Continue active bird hazing program. We are currently running two shifts of hazers a day, plus boat hazing 3 days per week. Continue lethal take of gulls; continue to use propane cannons and electronic bird alarms.

Photos Taken: None.

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