

CENWW-OD-O

Date: 27 February 2023

MEMORANDUM FOR THE RECORD

SUBJECT: 23 LMN 02 Fish Loss in Gatewell 2B

Narrative:

On Monday, February 27, powerhouse personnel were dipping gatewells for Unit 2 as part of STS installation. Amongst the woody debris pulled from the gatewell were approximately 40 unclipped yearling Chinook salmon smolt mortalities. The debris being removed was not extremely heavy. All morts had the appearance of being dead for some time: fungus, grayed eyes and descaled. The gatewells had been frozen up the previous week. The Juvenile Collection Channel was watered up on 27 February at 1120, so smolts can now escape the gatewells through orifices.

- A. Species:** Unclipped yearling Chinook salmon smolts.
- B. Origin:** Unknown.
- C. Length:** 5 – 6”
- D. Marks and Tags:** None.
- E. Marks and Injuries Found on the Carcasses:** Descaling and fin hemorrhaging.
- F. Cause of Death:** Unknown.
- G. Future and Preventative Measures:** The Juvenile Collection Channel was watered up and the gatewell orifices are not open.

Photos Taken: None.

Denise Griffith
Supervisory Fish Biologist
Lower Monumental Dam
(509) 282-7211
Denise.S.Griffith@usace.army.mil