

MEMORANDUM FOR THE RECORD 22 LMN 05 Spillway gate 7 coupler

SUBJECT: Spillway gate 7 FOOS for motor coupler repair

Narrative: On the afternoon of May 11, 2022, Lower Monumental Dam spillway gate 7 would not operate and was declared forced out of service at 15:20. Repairs could not be conducted immediately due to the need for mechanical, electrical and crane support to remove the spillway gate motor and reattach the coupler. Crews began work immediately on May 12 and were able to return the spillway gate 7 to service at 1536.

The failures of the coupler for spillway gate 7 are similar to those noted in 22 LMN 04 Spillway gate 4, 5 & 6 couplers.

Timeline – Duration:

- A. Species – NA
- B. Origin – NA
- C. Length – NA
- D. Marks and tags – NA
- E. Marks and Injuries found on carcass – NA
- F. Future and Preventative Measures – An additional set screw was added to the coupler and all set screws were secured with locktite.
- G. Photos: None.

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