

MEMORANDUM FOR THE RECORD 17 MCN 002 McNary WA ladder grating

SUBJECT: McNary Project Washington shore ladder grating inspection.

The McNary Project had planned to inspect the Washington shore ladder's diffuser grating when testing the entrance pool dewatering pumps. This was scheduled to occur during the Washington ladder outage, which has been underway during December 1, 2016 - January 27, 2017. The necessary drawdown was attempted on December 20 but canceled when it was determined there was too much ice on the water's surface to see the grating. It was hoped the weather would improve, the ice would melt and the grating could be observed. However, the severe winter weather has continued well into January and the ice has become much thicker. Before the ladder returns to service, entrance bulkheads must be removed and exit weir drive systems must be installed. Also, it is highly unlikely the ice will melt before January 27. The NOAA weather website, <http://forecast.weather.gov/>, shows highs from 28 to 34 degrees F and lows from 19 to 22 degrees F for the 23rd to 27th. Please see photos below.

Unfortunately, the Washington shore ladder's diffuser grating will not be examined this year. Every effort will be made to undertake a dive inspection during next winter's outage.

- A. Species – NA
- B. Origin – NA
- C. Length – NA
- D. Marks and tags – NA
- E. Marks and Injuries found on carcass – NA
- F. Cause and Time of Death – NA
- G. Future and Preventative Measures – Plan the diffuser dive inspection for the winter of 2017-2018. Insure that the dive plan is carried out.

Photo 1: Washington Ladder Entrance Pool



Photo 2: First Bend.



Photo 3: Above First Bend.



Photo 4: Access under the Ladder



Sincerely,

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