

Fish Passage Plan (FPP) Change Form

Change Form # & Title: 25LMN002 – RSW Inspections and Maintenance
Date Submitted: 12-NOV-2024
Project: Lower Monumental Lock and Dam
Requester Name, Agency: Denise Griffith, USACE
Final Action:

FPP SECTION: Chapter 7 (LMN), section 2.3.2.7. Juvenile Facilities / Fish Passage Season / RSW Inspections and Maintenance

JUSTIFICATION FOR CHANGE: Currently the RSW cannot be disengaged from the face of the dam and tipped back to the pierce point. Issues with the compressed air system prevent the RSW to rock and allow the underside of the plates, the umbilical and seals to be inspected. In the future, when the RSW can be repaired, a more thorough inspection will occur.

PROPOSED CHANGE: *Edits to existing FPP text in “track changes”.*

2.3.2.7. RSW Inspections and Maintenance ~~(September 1—March 31).~~

~~i. Prior to the inspections listed below, if a debris raft is present in the forebay and will interfere with defined operations, If a debris raft is present in the forebay and will interfere with defined operations,~~ coordinate a debris spill in accordance with **section 5**. Debris in the RSW seals or between the transition plate and ogee will adversely impact operation of the RSW.

ii. Annually inspect the Transition Plate to validate that transition from the RSW to the ogee is intact. The primary means of inspection will be done with divers or an ROV. (1) If divers are used, Units 5&6 and spillbays 7&8 must be removed from service. Coordinate unit outages following normal outage notification guidelines. Coordinate with RCC to open bay 8 one or two stops for up to one week before the inspection to facilitate clearing of debris and silt from the Transition Plates. (2) If an ROV is used, bay 8 will be removed from service. Coordinate with RCC to open bay 8 one or two stops on the morning of the inspection to facilitate clearing of debris and silt from the Transition Plates.

Remove everything below

~~iii. Transition Plate bolts, umbilical and seal inspection will be done by divers and requires the RSW to be disengaged from the face of the dam and tipped back to the pierce point. Coordinate with RCC to open bay 8 one or two stops for up to a week before the inspection in order to remove debris or silt that has accumulated on the Transition Plates or beak region that would slide off onto the ogee and cause problems when the RSW is stowed. For the dive inspection, coordinate with RCC to remove Units 5&6 and spillbays 7&8 from service. Upon completion of the dive, prior to stowing the RSW, open bay 8 up to three stops to clean any debris from the ogee. The anticipated duration of this inspection is 1 to 3 days. Reports of the inspection will be submitted to the CENWW biological staff.~~

~~iv. Loss of Transition Plate(s) or seals will render the RSW out of service until repaired. The level of inspection will initialize with a diver or ROV inspection as defined above for the annual inspection~~

(ii). The repair and replacement effort will be similar to Transition Plate Bolt, Umbilical and seal inspection above (iii). The timeframe will be longer to repair and/or install new plate(s) or seals. Required outages will be coordinated as listed above for the necessary actions.

COMMENTS:

RECORD OF FINAL ACTION: