

MEMORANDUM FOR THE RECORD: 22 MCN 02 Delay in Early Start**SUBJECT: Delay in early start up.**

Narrative: In October and November of last year, the separator frost drain was replaced by the fisheries mechanics. The winterization pipe empties into the chamber below the porosity unit. The crew doing the work looked at the current water level instead of considering the future water level and did not replace the grout around the pipe where it enters the chamber. When we switched to secondary bypass on March 1 at 0700 hours, with flow over the porosity unit, water exited around the drainpipe due to the lack of grout around the pipe. After examining the issue, the system was switched back to primary bypass at 0720 hours and collection for the initial sample was not conducted. After the biologist initiated and accepted a safe clearance, air drying and grouting by powerhouse mechanics began at 1200 hours. The work was completed by 1500 hours. The grout will require 24 hours to dry. We are hoping to rewater the separator at 0600 hours and begin sampling at 0700 hours on March 3.

Location: McNary JFF

Method: The area was dewatered, and grout was applied around the drainpipe on March 1. The area will be rewatered on March 3. Photo 1 below shows the general area. Photo 2 is the leak. Photos 3 and 4 show the repair.

Timeline - Duration: One 24-hour sample was missed on March 1. Sampling is scheduled to return on March 3 at 0700 hours.

A. Species: There was no fish lost.

B. Origin: NA

C. Length: NA

D. Marks and Tags: NA

E. Marks and Injuries Found on the Carcasses: NA

F. Cause and Time of Death: NA

G. Future and Preventative Measures: Continue to strive to have staff members do their best and be thoughtful when completing work.



Photo 1: General Area



Photo 2: Leak



Photo 3: Repair



Photo 4: Close up of repair

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