

MEMORANDUM FOR THE RECORD

SUBJECT: 23JDA24 North Fish Ladder LPS Shut Down Indefinitely

On Tuesday 13 June 2023, the newly modified JDA north fish ladder (NFL) lamprey passage system (LPS) was brought online for the first time. The LPS caught an average of 118-lamprey/day (see Table 1).

The JDA NFL elevator remains OOS for repairs until after the 2023 lamprey passage season. As a result, crews are required to access the LPS by stairs. The elevation change from the LPS to the intake deck access area is approximately 100-feet (see Figure 1). This makes it difficult to safely carry lamprey from the trap to the holding tank via the stairs.

A crab hoist was used to lift the lamprey from the LPS to the intake deck. The hoist design and location are not desirable from a personnel safety perspective. Personnel are required to reach over the ledge to retrieve lampreys (see Figure 2). As a result, on 20 June 2023, CRITFC requested the NFL LPS be shut down until the elevator was brought back in service. This concludes collection at the NFL LPS for the 2023 lamprey passage season.

Date	Lamprey Collected
6/14	41
6/15	124
6/16	90
6/17	135
6/18	188
6/19	151
6/20	96

Table 1: Daily lamprey collection numbers at the JDA NFL LPS for the 2023 lamprey collection season. Note: on June 14th, ~50-lamprey were left in the trap overnight and recorded towards June 15th.



Figure 1: Image of crab hauler's elevation compared to LPS deck.



Figure 2: Image of crab hauler extending beyond the safety ledge.

Future and Preventative Measures – The elevator for accessing the LPS is 50+ years old. Many repairs/modifications have been performed to prolong the life of the elevator. Unfortunately, the elevator has been OOS more often than in service over the past decade. A contract was awarded to repair the elevator controller. However, the controller isn't expected to arrive until after the lamprey passage season.

Sincerely,
JDA Fisheries