

**OFFICIAL COORDINATION REQUEST FOR
NON-ROUTINE OPERATIONS AND MAINTENANCE**

COORDINATION TITLE- 16 LGS 014 Adult Fish Window – Revised

COORDINATION DATE- September 06, 2016

PROJECT- Little Goose Lock and Dam

RESPONSE DATE- September 20, 2016

Description of the problem: Removal of the adult fishway window brushes and components is scheduled during the week of October 31-November 4. This work needs to be done to allow sufficient time to rebuild and fabricate new components scheduled to be reinstalled during winter maintenance (January 01 through February 28, 2017).

Type of outage required: No outage required.

Impact on facility operation: None expected, however work will take place over the adult fishway ladder, inside the 50' buffer within the Fish Passage Plan (FPP).

Dates of impacts/repairs: November 1-November 4

Length of time for repairs: Complete removal will likely take two full days. One day to disconnect air and electrical components and one day to physically remove cleaners, however 4 days are scheduled for any mechanical implications.

Expected impacts on fish passage: Removal of the adult fishway window brushes and components is expected to have minimal impact on adult fish passage. Fish viewing windows are a key component for estimating adult passage and are very attracting for visitors. However, work will take place inside the 50' buffer of the adult fishway ladder (FPP). Various mechanical, electric and air driven tools will be used to disconnect components above the adult ladder creating loud noise and vibration near the adult fish ladder. Crane operation will be used above the water of the adult ladder to remove and load brushes and larger components. To minimize fish impact, work is scheduled after historical peak adult salmon and steelhead passage and after adult counting is complete. According to the FPP, the latest peak passage for fall Chinook salmon and steelhead occurred September 30 and October 14, respectively. Average adult daily passage at Lower Granite Dam during this week are 100 for fall Chinook salmon and 586 steelhead. These numbers should be much lower at Little Goose Dam as upriver migration between the two projects takes approximately 3-7 days. Adult steelhead counts for Bonneville Dam are well below the 10 year average and the projected run is expected to be drastically lower than our normal return, theoretically, further reducing the daily number of adults passing Little Goose during the projected work.

Comments from agencies

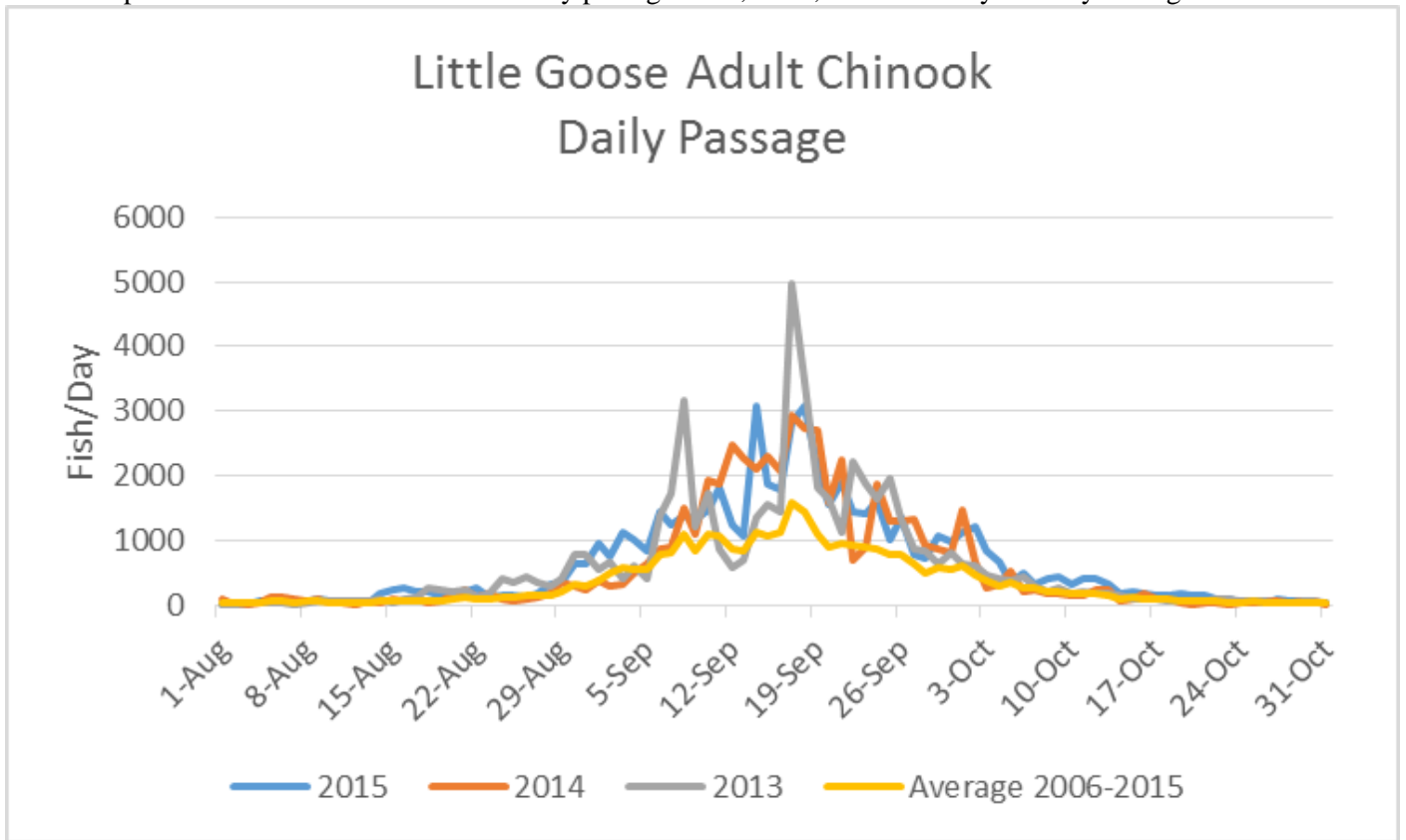
Final results

Please email or call with questions or concerns.

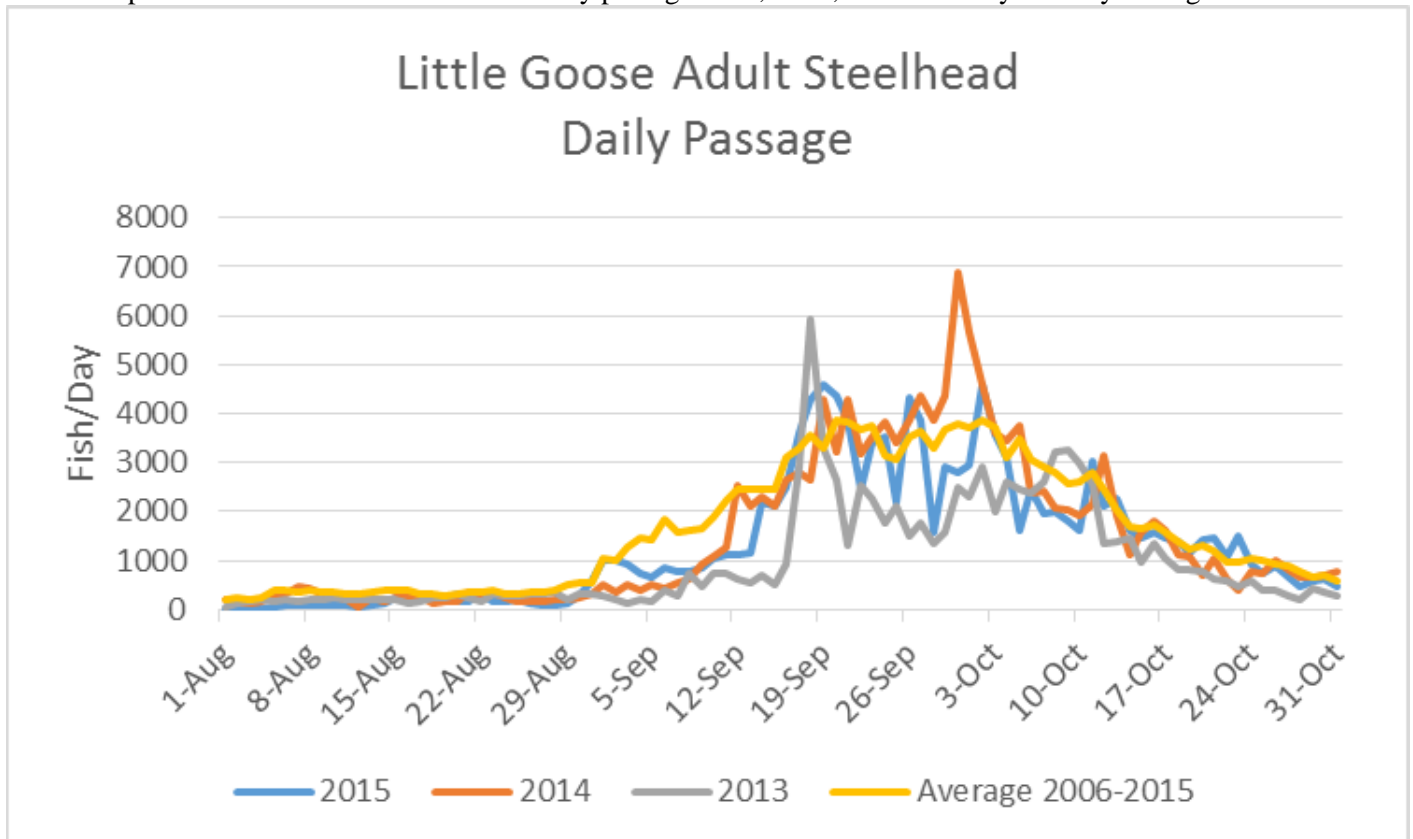
Thank you,

St. John, Scott NWW
Supervisory Fish Biologist
Army Corps of Engineers
Little Goose Dam
(509)-399-2233 X 263

Graph 1: Little Goose adult Chinook daily passage 2013, 2014, 2015 and 10 year daily average 2006-2015.



Graph 2: Little Goose adult Steelhead daily passage 2013, 2014, 2015 and 10 year daily average 2006-2015.



Graph 3: Bonneville adult Steelhead daily passage 2016 and 10 year daily average 2006-2015.

