

**MEMORANDUM FOR THE RECORD – 18 LGS 10 MFR Primary Bypass**

**SUBJECT:** On June 6 at 12:00, Little Goose Juvenile Fish Facility switched to primary bypass in order to remove debris from the separator. The separator water was lowered, bars removed and all debris cleaned out to allow for safe fish passage. Separator was then reassembled and returned to collection mode at 14:15. During primary bypass an estimated 1,005 juvenile salmon and steelhead were routed back to the river. The number of fish effected was estimated using the proportion of time the facility was in primary bypass as a proportion of the SMP passage estimate June 6, 2018 (the day of the event). The numbers by species and the origin for the 1,005 juvenile salmon and steelhead that were routed back to the river rather than collected for transportation was estimated to be:

Clipped Yearling Chinook	Unclipped Yearling Chinook	Clipped Subyearling Chinook	Unclipped Subyearling Chinook	Clipped Steelhead	Unclipped Steelhead	Clipped Coho	Unclipped Coho	Clipped Sockeye
16	47	333	398	87	75	7	40	2

- A. Species – Chinook salmon *Oncorhynchus tshawytscha*, Steelhead *Oncorhynchus mykiss*, Coho salmon *Oncorhynchus kisutch* and Sockeye salmon *Oncorhynchus nerka*.
- B. Origin – Hatchery and Wild
- C. Length – N/A
- D. Marks and tags – N/A
- E. Marks and Injuries found on carcass – N/A
- F. Cause and Time of Death – N/A
- G. Future and Preventative Measures – N/A
- H. Pictures – N/A

Sincerely,  
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