Lower Snake River Compensation Plan FY2017 Performance Report  
Idaho Department of Fish and Game – McCall Fish Hatchery  

The LSRCP goals for the McCall Fish Hatchery are to return 8,000 adult (summer) Chinook salmon above Lower Granite Dam. In addition to managing the McCall Hatchery the staff also oversees operations at a satellite facility on the South Fork of the Salmon River near Warm Lake to achieve the LSRCP goals. Pertinent physical and biological data associated with all aspects of program operations will be collected. Program operations are detailed in the Salmon River Annual Operating Plan (AOP).  

**FY2017 OBJECTIVES:**  

**Objective 1:** Manage all operations and maintenance at the McCall Fish Hatchery and the South Fork Salmon River Satellite facility, to achieve LSRCP goals. This also includes overseeing spending, all fish marking, fish transportation, and fish health activities associated with this program.  

**Report:**  
- BY15 smolt release of 945,306 segregated and 162,604 integrated stocks into the South Fork Salmon River at Knox Bridge in April.  
- Currently BY16 Fish on station include 971,754 segregated, and 157,672 integrated SUCH scheduled to be released in April of 2018.  
- 1,675 Adults and 1,555 Jacks for a total of 3,230 SUCH were trapped at the South Fork weir during 2017.  
- The BY17 South Fork egg collection yielded 1,604,609 segregated and 193,416 integrated green eggs from 420 female SUCH.  
- The Shoshone Bannock Tribe received 383,704 segregated BY17 eyed eggs for the egg box project.  
- Currently there are 950,159 BY17 segregated fry and 173,526 BY17 integrated fry on hand.  
- All SUCH smolts and adults were transported by hatchery staff or other IDFG staff paid by the hatchery budget.  
- BY16 Fish were marked and PIT tagged by Pacific States Fish Marking Crew following pertinent year mark plan in the 2016 Salmon River AOP.  
- Hatchery staff actively monitored fish health. Eagle Fish Health Laboratory (EFHL) staff provided periodic fish health inspections, annual pre-release inspection, and fish health sample collection and analysis at spawning. EFHL and hatchery staff conducted the annual bio-security audit.  

**Objective 2:** Develop the facility annual operating budget; to be submitted to the LSRCP office by June 15. The FY2017 operating budget is $505,929. A separate maintenance and equipment needs list will be submitted with the annual operating budget. Major maintenance and improvement project will be coordinated with the LSRCP office.  

**Report:**  
- Facility annual budget was provided prior to due date and included capital improvement
list for equipment and long term maintenance.

- Project coordination included LSRCP and hatchery staff.
- Building and grounds improvements in FY2017 Included:

  - Hatchery Building/Office/Dorm:
    - New electric heaters installed in the hatchery building
    - Painted incubation floor and walls
    - New cycle stop valve wash-down water system in hatchery building
    - Purchased components for new water alarm system

  - Grounds
    - Hazard tree assessment by Idaho Department of Lands
    - Improved lawn with consistent water supply from new wash-down system in hatchery building

  - Residence #1
    - No improvements during 2017

  - Residence #2
    - No improvements during 2017

  - Residence #3
    - No improvements during 2017

  - South Fork Trap
    - Log jam removal by intake
    - Constructed shade cover on east side of crew trailer
    - Initiated groundwater feasibility project
    - Designed and rented pump back system for holding ponds
    - Installed supplemental oxygen system for holding ponds
    - Acquired tracked UTV for transport to trap during winter months

Objective 3: Develop an annual facility Statement of Work, to be submitted to the LSRCP office by June 17.

Report:
- SOW was submitted by June 15.

Objective 4: Conduct annual safety inspections and submit findings to the LSRCP office by August 1 (checklist to be provided by LSRCP).

Report:
- Idaho Division of Building Safety personnel performed a safety review of the trap facility and the hatchery on September 29th, 2017 (inspection not based on a LSRCP checklist). The results were sent to MCFH staff that sent the findings response back to DBS within the 20 day window. Most of the identified issues will be taken care of within the calendar year of the inspection however some will need to be discussed with LSRCP staff.
Objective 5: Conduct annual facility condition assessments and submit findings to the LSRCP office by August 1 (checklist to be provided by LSRCP).

Report: Chris Starr from LSRCP conducted the facility condition assessment this year.

Objective 6: Conduct annual real property and personal property inventories; coordinated with LSRCP personnel.

Report:
- Federal real and personal inventories were completed and confirmed on-site by Margaret Anderson and Anna Ray from LSRCP in FY 2017.
- IDFG Annual Inventory submitted to the Fisheries Bureau in January 2017.
- IDFG Fiscal Year End Inventory was submitted to IDFG HQ on July 1, 2017.

Objective 7: Contribute to the development of the Salmon River AOP.

Report:
- Contributions were made to the Salmon River AOP pre-meeting, during the February meeting, and in the post-meeting follow-up process.

Objective 8: Provide monthly inventory data to the LSRCP office by the 7th of each month.

Report:
- This objective is no longer required however, the fish production inventory data was still provided electronically to the LSRCP office in the beginning of each month.

Objective 9: Provide a written facility annual report to the LSRCP office, including the standardized LSRCP production tables (to be provided) to the LSRCP office by December 31. A progress summary of all ongoing hatchery research projects will be included in this report. (Other information needs for this report, to be determined).

Report:
- This written facility annual report was sent to LSRCP by HQ staff prior to December 31.
- LSRCP Standardized Production Tables:

**Summer Chinook Salmon (South Fork Stock):**

- Adult Return Goal: 8,000
- Smolt Release Target: 1,000,000
- Egg Collection Target: 2,000,000*
- Broodstock Target: 1,300

**Summer Chinook Salmon (Johnson Creek Stock):**
Smolt Release Target: 100,000**

*Includes eggs taken to meet the 300,000 eyed egg request for the Shoshone-Bannock egg box program detailed in the Salmon River AOP. Also includes up to 600,000 green eggs sent to Clearwater hatchery as outlined in the Clearwater and Salmon River AOPs.

**Smolts reared at McCall Hatchery in cooperation with Nez Perce Tribal fisheries program, also detailed in the Salmon River AOP. Please contact Nez Perce fisheries staff for the most up to date JCAPE production information.