



FISH PASSAGE CENTER

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MEMORANDUM

TO: Fish Passage Center Oversight Board
Brian Lipscomb, CBFWA

Michele DeHart

FROM: Michele DeHart

DATE: January 8, 2007

RE: Quarterly Fish Passage Center Report for October – December 2007

Attached is the prototype quarterly report for the Fish Passage Center for the October through December 2007 period. The report format and content has been developed according to the Bonneville Power Administration Pisces format and the NPPC mainstem amendment Fish and Wildlife Program language. The quarterly report includes brief descriptions of:

- Summary of progress or work completed during this quarter and
- Problems encountered/resolved, changes in work plans or schedule deviations.

The format and content of the quarterly report are experimental and intended to display an approach to quarterly reports. Fish Passage Center Oversight Board review and comment would be helpful in determining whether or not:

- Quarterly reports are helpful, or desired
- The format and content of the report is useful
- Specific changes would increase the utility of the quarterly report to the FPC Oversight Board

The FPC Pisces system work statement includes the following Pisces system work elements. All Fish and Wildlife projects are described in a combination of work elements within the Pisces system. We have described the work completed in October through December of 2007 in terms of the following Pisces work elements.

Pisces System Work Elements

Produce environmental compliance documentation

Summary statistics, fish sampled, mortalities by specifics and site were compiled for the section 10 permit requirements for the Smolt Monitoring Program and the CSS. Work was begun on the final Section 10 compliance report to NOAA Fisheries for the SMP and the CSS.

Provide technical review

The FPC responded to various requests from the agencies and tribes to review specific components of the draft NOAA Fisheries Biological Opinion. Consistent with the mainstem Fish and Wildlife Program language, the reviews were posted on the FPC website, upon completion. In addition the FPC staff responded to agency requests to review draft research reports related to hydro system fish passage.

Create/manage/maintain data base maintain long term data base, maintain CSS SMP site data

During this quarter work continued on upgrades and improvements to the FPC website, specifically this work is aimed at improving the ease of navigation of the web site and to increase the ease of use of travel time and survival data generated through the SMP and the CSS.

Analyze/Interpret data

During this quarter the FPC began the analysis and interpretation of Smolt Monitoring and Comparative Survival Study data to prepare for the annual reports for these projects. In addition, in response to an FPAC request effort continued on the analysis of juvenile survival relative to smolt to adult return rates and juvenile passage conditions. A presentation was provided to FPAC and that presentation was posted on the FPC web site.

In addition to the analyses of Smolt Monitoring Program and Comparative Survival data the FPC staff responded to several requests from agencies and tribes and the public for analysis of juvenile and adult passage data. During this quarter this included comparisons of fall Chinook adult returns at Bonneville, McNary and Lower Granite dams, Snake River sockeye travel times and survivals, juvenile fall Chinook growth rates, summaries of historical water temperatures in the Walla Walla River.

In response to requests from the Washington Department of Ecology and the Oregon Department of Environmental Quality, FPC staff provided technical and analytical support to the Adaptive management water quality team.

A year end review of mainstem passage characteristics was presented to the Technical Management Team year end review.

Develop RME methods and designs

During this quarter in response to requests from fishery managers the FPC staff provided technical assistance to the agencies and tribes in preparing long term mainstem system wide RME plans. The FPC staff also worked with the CSS Oversight Committee and FPAC in developing RME designs relative to the SMP and the CSS for 2008.

In addition remote site data entry programs were upgraded in preparation for the implementation of the 2008 SMP.

Disseminate raw summary data and results

Significant effort was committed during this quarter to the improvement of access to travel time data, survival data and smolt-to-adult return data on the FPC web site.

Produce plan

The FPC staff worked with the fishery managers during this quarter to produce a plan for the addition of steelhead mark groups to the CSS study for 2008. In addition plans, work statements and budgets for the CSS and the Smolt Monitoring Program were developed and submitted to BPA.

Regional coordination, Fishway Inspections/ FPAC

Monthly fishway inspections were conducted at Lower Granite Dam and Little Goose Dams during this quarter and posted on the FPC web site.

Manage and administer projects

Several budget iterations were developed with the fishery managers for the Smolt Monitoring Program for 2008 during this quarter. The FPC worked with BPA COTR to modify the SMP to meet flat funding requirements established by BPA.

During this quarter year end budgets obligations and budget categories were reviewed for accuracy and validation.

Produce annual progress reports

During this quarter work on data summaries and graphics was started in preparation for Fish Passage Center Annual Report. During this quarter work began on the annual Fishways Inspection report.

Produce status reports

Monthly Fish Facilities Inspections reports were completed and posted on the web site. During this quarter bi-weekly reports continued until the final report was distributed on November 2, 2007 after the completion of sampling. The year end summary report of errors for all of the SMP sites individually was distributed to each of the agencies with responsibility for conducting the SMP.