

YAKIMA HATCHERY - FINAL DESIGN

9006900

SHORT DESCRIPTION:

Develop the final design and construction services of Yakima River spring chinook central outplanting facility at Cle Elum, WA, and preliminary design for three satellite acclimation facilities.

SPONSOR/CONTRACTOR: CH2M Hill

CH2M Hill

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GOALS

NPPC PROGRAM MEASURE:

7.4K.1

TARGET STOCK

Upper Yakima River Spring Chinook

LIFE STAGE

All fresh water life stages

MGMT CODE (see below)

S

BACKGROUND

Stream name:

Yakima River

Stream miles affected:

All

LAND AREA INFORMATION

Subbasin:

Yakima

Land ownership:

Bonneville Power Administration

Acres affected:

500

HISTORY:

Project was started in 1990 to provide technical design services for Yakima Fisheries Project.

BIOLOGICAL RESULTS ACHIEVED:

This is an engineering project.

PROJECT REPORTS AND PAPERS:

Project provides design drawings and design specifications for Yakima Fisheries Project spring chinook propagation facilities.

ADAPTIVE MANAGEMENT IMPLICATIONS:

N/A

PURPOSE AND METHODS

SPECIFIC MEASUREABLE OBJECTIVES:

N/A

CRITICAL UNCERTAINTIES:

N/A

BIOLOGICAL NEED:

Project is needed to provide technical design services for Project 88-115 (Yakima Hatchery Construction).

HYPOTHESIS TO BE TESTED:

N/A

PLANNED ACTIVITIES

SCHEDULE:

PROJECT COMPLETION DATE:

1998

OUTCOMES, MONITORING AND EVALUATION

SUMMARY OF EXPECTED OUTCOMES

Expected performance of target population or quality change in land area affected:

Engineering drawings, specifications, and design services during hatchery construction have been, and will be, provided to BPA.

Contribution toward long-term goal:

Upper Yakama Basin spring chinook

Environmental attributes affected by the project:

N/A

Changes assumed or expected for affected environmental attributes:

N/A

Measure of attribute changes:

N/A

Coordination outcomes:

FY 95: 80% final design for Cle Elum Hatchery completed and reviewed.

MONITORING APPROACH

N/A

RELATIONSHIPS

RELATIONSHIPS

RELATED BPA PROJECT

RELATIONSHIP

9506400 Project planning, coordination, management, research, and monitoring and evaluation

9506300 Project planning, coordination, management, research, and monitoring and evaluation

9506200 Project planning, coordination, management, research, and monitoring and evaluation

8812000 Project planning, coordination, management, research, and monitoring and evaluation

8811500 Hatchery construction

OPPORTUNITIES FOR COOPERATION:

N/A

COSTS AND FTE

1997 Planned: \$900,000

FUTURE FUNDING NEEDS:

PAST OBLIGATIONS (incl. 1997 if done):

<u>FY</u>	<u>\$ NEED</u>	<u>% PLAN</u>	<u>% IMPLEMENT</u>	<u>% O AND M</u>
1998	\$125,000	20%	40%	40%
1999	\$150,000	20%	40%	40%
2000	\$150,000	20%	35%	45%
2001	\$150,000	15%	35%	50%
2002	\$150,000	15%	30%	55%

<u>FY</u>	<u>OBLIGATED</u>
1991	\$694,874
1992	\$582,117
1993	\$363,646
1994	\$655,367
1995	\$499,866
1996	\$2,112,425
1997	\$1,050,446

TOTAL: \$5,958,741

Note: Data are past obligations, or amounts committed by year, not amounts billed. Does not include data for related projects.

CONTRACTOR FTE: 5