

## ANNUAL REPORT

Hagerman, Idaho NFH

Fiscal Year 1979

### INTRODUCTION

The Hagerman National Fish Hatchery rears steelhead trout for release in the Lemhi and Pahsimeroi Rivers (tributaries to Idaho's Salmon River). Snake River fall chinook salmon are reared for release in the lower Snake River above its confluence with the Columbia River. Rainbow trout are reared for planting in Indian reservation waters across southern Idaho and northern Nevada, and Forest Service and Bureau of Land Management waters in southern Idaho.

### STATION OPERATIONS

The station participated in a successful steelhead trout pilot project to determine the feasibility of large scale steelhead production and to provide rearing facility design criteria to the Corps of Engineers for expanded facilities at Hagerman. A total of 92,000 pounds of steelhead smolts were produced in the pilot project.

As a result of the steelhead success the hatchery is producing steelhead for 1980 release as a part of the Lower Snake River Compensation Plan. Also, the Corps of Engineers is proceeding with a Design Memorandum to enlarge the Hagerman facility with a station production capability of 400,000 pounds of salmonids annually.

Hagerman participated in rearing of Snake River fall chinook salmon. Approximately 140,000 chinook smolts were transported to the Lower Snake River for release. A portion of the salmon were placed onto a barge at Lower Granite Dam and barged to below Bonneville Dam on the Columbia River for release.

### COOPERATION WITH OTHER AGENCIES

Numerous contacts occurred during the year with the Corps of Engineers as a result of the steelhead pilot project and the proposed Hagerman expansion. Close cooperation existed with the Idaho Cooperative Fisheries Unit regarding release dates and sites for both steelhead and fall chinook salmon.

An active YACC program was carried out during the year until attrition and hiring freezes closed out the program.

#### CYCLICAL MAINTENANCE

A shop-stall garage addition contract was completed which provides space to service and maintain the large fish transport units and other equipment items.

An electric weir fish barrier below the hatchery outfall on Riley Creek was constructed by force account. This unit will prevent wild disease-carrying fish from reaching the hatchery rearing units.

#### INTERPRETATION AND RECREATION PROGRAM

The station hosted two Mexican government fisheries employees for three weeks of training, orientation and touring the southern Idaho trout industry.

Three Venezuelan individuals were hosted for a week of touring the local trout industry to acquaint them with hatchery design and practices.

Station personnel made several appearances at local school and civic activities.

Bureau of Sport Fisheries and Wildlife  
Division of Fish Hatcheries

HATCHERY PRODUCTION SUMMARY

Station

HAGERMAN NATIONAL FISH HATCHERY

Period covered

10/1/78 through 9/30/79

Species and Lot	Density Index		Flow Index		Total Flow		Conversion	UNIT FEED COST		T. U. per Inch	T. U. to Date	Length Increase 30 day month Inches	
	Number	Weight	Number	Weight	Pounds	Cost		Per Lb.	Per 1000				
1	2	3	4	5	6	7	8	9	10	11	12	13	14
RBT													
8-YOR-59	0	0	12.714	17.8	7,135	7,720	1,400.38	1.08	0.20	102.30	15.38	182.40	0.000
SIT													
8-DS-63	0	0	11.537	49.4	7,848	15,510	3,228.56	1.98	0.41	63.51	18.76	196.50	0.000
SIT													
8-DW-64	0	0	9.628	335.5	61,495	108,196	27,141.52	1.76	0.44	118.69	20.05	171.90	0.000
RBT													
8-EW-65	0	0	9.580	229.9	75,526	105,874	21,053.93	1.40	0.28	99.25	13.14	115.50	0.000
RBT													
8-WSS-66	0	0	10.927	166.7	48,608	73,885	14,824.05	1.52	0.31	161.27	14.42	145.00	7.914
SIT													
8-DS-5	0	0	6.861	41.4	2,992	10,130	3,125.92	3.39	1.05	84.67	27.99	69.00	0.000
RBT													
9-SA-68	0	0	3.401	535.6	8,375	12,435	2,858.18	1.49	0.34	5.35	19.26	48.50	0.000
FCS													
9-YWA-67	0	0	2.911	139.0	1,204	3,409	939.20	2.83	0.78	5.01	33.52	49.50	0.000
SIT													
9-DW-69	38.2	2,460	5.741	0	2,443	4,427	1,068.86	1.81	0.44	28.01	19.05	89.00	0.574
TOTALS													
AVERAGES													

