

# INTRODUCTION

## LOCATION

Irrigon Hatchery is located in Morrow County, Oregon, approximately 279.4 miles upstream from the mouth of the Columbia River. There are no satellite facilities associated with this hatchery.

## OBJECTIVES

### Mitigation Goals

Irrigon Hatchery is part of the Lower Snake River Compensation Program (LSRCP) and has been in operation since 1985. The annual production goal is to rear 1.2 million steelhead smolts for release into the Grande Ronde and Imnaha River systems. To meet LSRCP goals, Irrigon Hatchery receives eyed steelhead eggs from Wallowa Hatchery and rears them to release or acclimation. Irrigon is also incubating and early rearing captive and endemic spring Chinook. Non LSRCP fish reared include 95,000 legal sized rainbow trout, and 230,000 wild winter steelhead.

## SUMMER STEELHEAD

### Imnaha Stock

**Brood Year 2001:** Production was completed on April 18, 2002 with the transfer of 197,951 Imnaha stock (2901) steelhead smolts to Little Sheep acclimation pond and 101,694 smolts liberated in Big Sheep Creek. There were 50,193 tagged with blank CWT and no other mark, 50,769 unmarked, 102,749 had been coded wire tagged and identified with an Ad LV clip, and the remainder were Ad clipped.

**Brood Year 2002:** In May and June of 2002, the hatchery received 418,820 Imnaha stock (2902) eyed eggs from Wallowa Hatchery. The 354,688 resulting fingerlings were on hand September 30, 2002.

### Wallowa Stock

**Brood Year 2001:** Rearing was completed on May 2, 2002 with the transfers of 853,391 Wallowa stock (5601) steelhead smolts to Wallowa and Big Canyon acclimation ponds. All fish had adipose fins removed. In addition 160,449 had been coded wire tagged and left ventral clipped.

**Brood Year 2002:** Production began with the transfer of 985,200 eyed Wallowa stock (5602) steelhead eggs from Wallowa Hatchery in the spring of 2002. Steelhead on hand September 30, 2002 numbered 835,881.

## **CHINOOK**

### **Imnaha Stock**

**Brood Year 2001:** We transferred 115,749 eyed eggs (2901 ChS) to Oxbow Hatchery.

### **Lostine Stock**

**Brood Year 2001:** We transferred 45,802 eyed eggs (200W01 ChS) to Oxbow Hatchery.

### **Catherine Creek Stock**

**Brood Year 2001:** We ponded 25,532 swim ups (201W01 Chs) in February. April 2, 2002 we transferred 25,254 fingerlings to Lookingglass Hatchery.

### **Grande Ronde Stock**

**Brood Year 2001:** We ponded 25,232 swim ups (80W01 ChS) in February. April 3, 2002 we transferred 24,874 fingerlings to Lookingglass Hatchery.

### **Captive Brood F1**

**Brood Year 2001:** We received eyed eggs from Oxbow Hatchery, hatching and initial rearing took place at Irrigon Hatchery. Transfers of fingerlings to Lookingglass Hatchery of 152,501 from Lostine, 110,578 from Catherine Creek and 221,558 from Grande Ronde Stocks were completed by April 17, 2002. The rest of the fish from each stock were held and marked at Irrigon. By the end of May all remaining fish at Irrigon were liberated 4,666 from Lostine, 17,883 from Catherine Creek and 32,803 from Grand Ronde stocks.

## **WINTER STEELHEAD**

### **Clackamas River Stock**

**Brood Year 2001:** November 11, 2001 we transferred 30,000 fingerlings to Clackamas Hatchery for them to complete the rearing cycle. We reared to smolt 99,495 Clackamas stock (12201) wild winter steelhead and transferred them back to Clackamas Hatchery for acclimation by April 4, 2002.

**Brood Year 2002:** We received 135,000 eyed eggs from Clackamas Hatchery on May 28, 2002. End of September 113,184 fingerlings were on hand.

### **Sandy River Stock**

**Brood Year 2001:** We transferred 102,864 Sandy stock (11W01) wild winter steelhead smolts to Sandy Hatchery for acclimation by April 24, 2002.

**Brood Year 2002:** We received 115,100-eyed eggs from Sandy Hatchery in April of 2002. End of September 111,987 fingerlings were on hand.

## RAINBOW TROUT

### Roaring River Stock

During the reporting period, Irrigon hatchery received 97,628 rainbow trout (7200) from Fall River, Oak Springs and Wizard Falls Hatcheries. This provided 94,550 legal rainbow that were stocked late spring and summer of 2002.

## CONSTRUCTION AND MAINTENANCE

A 200 hp pump was converted to a variable frequency drive to give us more control.

Contractor installed new membrane on roof of hatchery and mechanical buildings.

Completed an energy audit and an environmental compliance audit

Underground fuel tanks were removed.

Installed new above ground fuel tanks.

Contractor poured concrete pad for steel building.

The maintenance staff repaired several breaks in the domestic water line.

Work was done to repair several of the heat pumps.

Maintenance fixed up the grading truck and tank.

Residences were painted, carpeted, and various small repairs.

The maintenance staff built a ladder rack for the new Dakota.

Hatchery hosts helped out from March – September.

## MAJOR PURCHASES

Roof Repairs	28,500.00
VFD for 200 hp pump	19,500.00
Storage Building Kit	15,400.00
Pickup Truck	14,900.00
Carpet	11,600.00
Concrete Foundation	9,250.00
Repair 40hp pump	5,700.00
Paint Residence	5,100.00
Pallet Jack	3,400.00
Pressure Washer	2,200.00
Ice Maker	2,000.00
<b>Total</b>	<b>\$ 117,550</b>

## **PERSONNEL CHANGES**

Jim Grieve transferred to Butte Falls Hatchery 12/19/01.

Terry Blessing was hired as an F&W Tech-1 2/1/02.

Maureen Roxbury accepted a public information officer position with Morrow County 12/26/01.

Shilo Ray was hired as the Office Coordinator and began work 5/20/02.

Chris Lauman filled the vacant F&W Tech-1 position 5/1/02.

Gayle Mitchell worked as a seasonal F&W Tech-1 for 3 months.

## **PRESENT PERSONNEL**

Mike Gribble – Manager 3

Paul Aasrud – F&W Tech-2

Terry Blessing – F&W Tech-1

Chris Lauman – F&W Tech-1

Mike Parrish – F&W Tech-1

Victor Sanders – F&W Tech-1

Mike Shelton – F&W Tech-1 (6mo.)

Wes Cone – Trades/Maintenance Coordinator

Shilo Ray – Office Coordinator