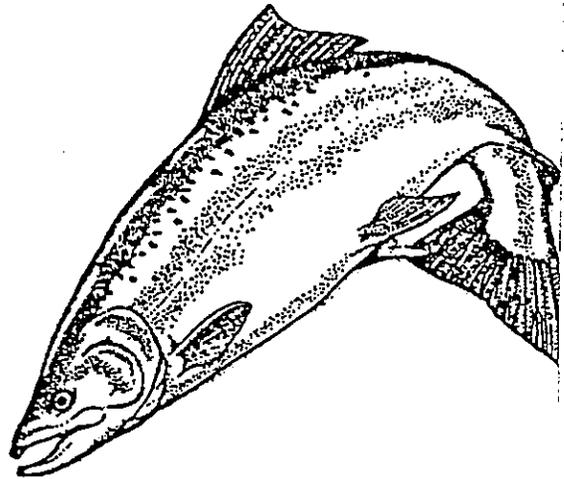


WALLOWA FISH HATCHERY



Operation and Maintenance Annual Report



WALLOWA FISH HATCHERY

INTRODUCTION

Location

Wallowa Fish Hatchery is located in northeast Oregon, one mile west of Enterprise. The hatchery is situated along Spring Creek one mile from its confluence with the Wallowa River. Wallowa Fish Hatchery is located 613 river miles from the ocean, along a route that encompasses Spring Creek and the Wallowa, Grande Ronde, Snake and Columbia rivers. Two satellite stations, Big Canyon (Wallowa system) approximately 30 miles west of the hatchery, and Little Sheep (Imnaha system) approximately 30 miles east of the hatchery, are used for adult trapping, spawning and smolt acclimation.

OBJECTIVES

Mitigation Goals

Wallowa Fish Hatchery is operated as part of the Lower Snake River Compensation Program. Mitigation goals include collecting 1,343,000 (green) Wallowa stock (5600) summer steelhead eggs and 459,000 (green) Imnaha stock summer steelhead eggs. The current goal for the Wallowa stock is 870,000 smolts. The Imnaha stock goal is 330,000 smolts; 230,000 to Little Sheep Creek (acclimated release) and 100,000 to Big Sheep Creek (direct steam release).

Non-LSRCP fish reared for liberation from Wallowa Fish Hatchery include Cape Cod stock legal and "trophy" size rainbow trout.

SUMMER STEELHEAD

Adult Returns

Wallowa stock (5600) steelhead returning to Wallowa Fish Hatchery numbered 497 males and 471 females, totaling 968 adults, compared to 1,165 adults in 1999. Adult (5600) hatchery steelhead returns to Big Canyon Facility totaled 333 steelhead, 132 males and 201 females, down from 562 in 1999 and 1,190 in 1998. A total of 50 natural adult steelhead, 29 males and 21 females, returned to Big Canyon Facility, up slightly from 39 in 1999 and 46 in 1998. Imnaha stock (2900) hatchery adults returning to Little Sheep Facility numbered 158 males and 285 females, for a total of 443 fish. This is an increase from the previous year's total but only in the female component. Previous years' hatchery adult returns were 333 in 1999 and 686 in 1998. A total of 77 natural adults, 39 males and 38 females, returned to Little Sheep Facility this year. The 2000 natural adult component was substantially higher than either of the two previous years, which totaled 11 fish in 1999 and 33 fish in 1998.

Egg Production**Wallowa Stock Summer Steelhead**

A total of 2,046,530 Wallowa stock (5600) eggs were taken during the spawning season and 1,479,800 eyed eggs were shipped to Irrigon Fish Hatchery. Egg loss at Wallowa was 11.0 % for the season, up slightly from last year's 9.7 % loss. Program excess at Wallowa totaled 342,000 eggs, compared to the 970,750 eggs excess to program in 1999.

Imnaha Stock Summer Steelhead

All Imnaha stock (2900) eggs, including projected excess due to higher than normal fecundities, were shipped to Irrigon Fish Hatchery to meet production goals and ensure that spawn timing was appropriately represented. A total of 568,500 BY2000 steelhead eggs were taken at Little Sheep Creek Facility. Egg loss was 18.3%, up slightly from last year's 14.9% and close to the 17% loss for BY 98. Wallowa Fish Hatchery transferred a total of 464,730 eyed eggs to Irrigon Fish Hatchery.

Smolt Releases

Wallowa Fish Hatchery acclimated and released a total of 576,176 Wallowa stock (5699) smolts during spring 2000. Big Canyon Facility acclimated and released a total of 315,772 (5699) smolts. Of the total smolts released from Big Canyon Facility, 2,069 were identified as potential residual steelhead and were outplanted into Kinney Lake. Little Sheep Creek Facility acclimated and released a total of 228,206 Imnaha stock (2999) smolts. All summer steelhead acclimated and released from the above facilities were reared at Irrigon Fish Hatchery. In addition, Irrigon Fish Hatchery released 100,007 Imnaha stock (2999) smolts directly into Big Sheep Creek.

RAINBOW TROUT

Trout production was terminated at Wallowa Fish Hatchery on 30 September 2000. Trout production and the associated dollars are being redirected to private aquaculture facilities as mandated by Oregon senate bill SB834. The trout program at Wallowa Fish Hatchery remained essentially unchanged from the previous year until late September 2000, when no new trout were received.

Trout production consisted of rearing and liberating "legal" and "trophy" size Cape Cod (7200) stock rainbow trout (Rb) this past season. We retained 6,945 trout from the previous year's production (7297) for the trophy component (1.5 pounds each at release). The hatchery also received 86,221 (7298) Rb from Klamath Fish Hatchery in late September 1999. Of these, 7,300 Rb grade-outs were outplanted to Kinney Lake in early November 1999. Wallowa Fish Hatchery released 70,708 legal trout (7298) and 6,882 trophy trout (7297) from April - August, 2000.

KELT PROJECT

The kelt reconditioning project continued through the 1999-2000 season. The project's short-term goal is to discover if wild summer steelhead could be kept alive post-spawning and conditioned to eat a special production diet. The long-term goal is to incorporate the gametes of wild summer steelhead into future broodstocks.

Wild 1999 broodstocks were used exclusively for the reconditioning experiment that culminated in the 2000 spawning season. One male and one female from Little Sheep Creek and three females from Deer Creek survived. All of the surviving kelts were successfully conditioned to eat the prepared kelt diet and were moved to an outdoor circular pond where they remained until spawning season. The Little Sheep Creek male was spawned in a 4 x 4 matrix with fresh Imnaha stock steelhead. Two Deer Creek females were spawned in 4 x 4 matrices with fresh Wallowa stock steelhead. The two remaining females, one each from Little Sheep Creek and Deer Creek, did not produce gametes for the 2000 spawning season.

La Grande Fish Research staff picked and hand-counted good and bad eyed eggs in each matrix cell to determine fertilization rates. The Imnaha stock eggs were included in production and shipped to Irrigon Fish Hatchery after eye-up. The Wallowa stock (Deer Creek kelt) eggs were excess to program and were destroyed after picking and counting.

Copepods were problematic during the year, bringing about extensive treatments and manual removals prescribed by ODFW fish pathologists. After consultation with Pathology, hatchery personnel decided to run a copepod removal experiment using hydrogen peroxide on the two remaining kelts. The first treatment dosage used was 100 ppm, and this level was found to be ineffective. We increased the concentration to 125 ppm for several weeks with no visible results. We determined that some copepods needed to be manually removed from the Big Canyon kelt immediately if it was to survive. The manual removal process proved to be too stressful and the kelt died soon after. At this writing, the Little Sheep Creek female is still alive and has been conditioned to eat 1/4" dry trout food pellets; however, she still has a large number of copepods. We are awaiting further information on another possible copepod removal treatment.

CONSTRUCTION AND MAINTENANCE

There were no capital construction projects at Wallowa Fish Hatchery or its satellite facilities during the report period.

MAINTENANCE PROJECTS ACCOMPLISHED BY ODFW PERSONNEL

Wallowa Hatchery Complex

The number of projects completed was limited due to staff shortages for most of the report period. We had five less staff members (including YCC personnel) during peak season compared to FY1999. In addition, the manager spent most of July and August as acting manager of Lookingglass Fish Hatchery, which left only two staff members on station at Wallowa Fish Hatchery.

- Finished remodeling the bathrooms in both hatchery residences.
- Painted the public restrooms, hallway leading into the spawning room, and the common areas of the bunkhouse. We believe the interior of the facility had not been painted since it was built 15 years ago.
- Completed our egg tray repair project. This was a substantial project spanning two months, and involved replacing the screen mesh on a large number of the egg trays.
- Installed a new motor and hydraulic cylinders for the snowplow mounted on the hatchery's 1991 Dodge pickup.
- Made new frames and striped and repainted old egg picking baskets to enhance egg picking and handling.
- Constructed a new spawning rack to facilitate adult handling and clean up.
- Installed portable eyewash stations in the generator buildings at all three facilities as requested by the ODFW safety officer.
- Poured a concrete pad at the hatchery host site to expand the picnic area to a usable size.
- Installed and painted new window trim on all exterior windows of both hatchery residences. The trim we installed several years ago was made of composite material which failed and had to be replaced.

Big Canyon Facility

- The Screens crew formed and poured an additional step in the upper fish ladder. We made a temporary step two years ago and modified it this year, but it didn't work as well as we hoped. This new concrete step should improve fish passage, especially for small fish in the summer months.

MAINTENANCE PROJECTS ACCOMPLISHED BY ODFW PERSONNEL

Little Sheep Creek Facility

- Removed 42 yards of sediment deposited in the acclimation pond and offered it to local residents. This was a relatively small sediment load compared to past years.
- Re-engineered the aluminum I-Beams supporting the grating in the adult trap. Material was removed from the bottom of the I-Beam to facilitate cleaning, sediment removal and smolt escapement at time of de-watering.
- Installed a water fill station to facilitate filling the adult liberation trucks and supplying water to the planned new adult release line.

MAINTENANCE PROJECTS ACCOMPLISHED BY CONTRACTORS

Wallowa Hatchery Complex

- Replaced the oil furnace in the old hatchery building with new propane heaters. The old furnace was removed after a cleaning revealed numerous holes and weak spots in the non-replaceable furnace firebox.
- Replaced all exterior doorknobs and locks with ADA approved handles due to poor performance and continuing repairs.
- Sealed cracks in asphalt around the office building, parking lot and acclimation pond. All asphalt cracks were sealed with the exception of the cracks adjoining the acclimation pond. These cracks will require more extensive correction action.
- Removed and trimmed potential hazard trees around host site.
- Serviced the heating system as part of our annual maintenance program.
- Serviced the generator system as part of our annual maintenance program.
- Inspected fire extinguishers as part of our annual maintenance program.

Big Canyon Facility

- Replaced all exterior doorknobs and locks with ADA approved handles, due to poor performance and continuing repairs.
- Sealed cracks in asphalt around the office building, parking lot and acclimation pond.

Big Canyon Facility (cont.)

- Installed gate in fence to obtain access to area of property needed to remove gravel deposits from Deer Creek.
- Installed The Dish Network, 18" dish satellite TV system to replace fixed-dish C Band system with limited stations and poor reception,
- Serviced the heating system as part of our annual maintenance program.
- Serviced the generator system as part of our annual maintenance program.
- Inspected fire extinguishers as part of our annual maintenance program.

Little Sheep Creek Facility

- Replaced all exterior doorknobs and locks with ADA approved handles, due to poor performance and continuing repairs.
- Installed The Dish Network, 18" dish satellite TV system to replace fixed-dish C Band system with limited stations and poor reception.
- Installed gate in fence to facilitate taking accurate water flows. Remedies an unsafe situation at the only access to take total facility water flows.
- Serviced the heating system as part of our annual maintenance program.
- Serviced the generator system as part of our annual maintenance program.
- Inspected fire extinguishers as part of our annual maintenance program.

MAJOR PURCHASES

Digital Camera	\$ 809.90
Office Chairs (replacement)	546.91
Eyewash Stations	1,001.35
Tires for F250 pickup (replacement)	548.56
Confined Space Gas Meter	1,778.70
Dish Networks - Big Canyon, Little Sheep Creek (replacement)	860.00
Lawn Mower John Deere LX279 (replacement)	3,880.00
Propane Heating System for Shop (replacement)	2,164.00
Parts and Labor for Shop Heater Installation	1,354.00
Ladders (replacements)	507.42
Training CD ROM's	1,980.00
Blueprint Hangers	552.90
Electronic Typewriter (replacement)	<u>599.66</u>
Total	<u>\$16,583.40</u>

MAJOR REPAIRS

Generator Maintenance	\$ 888.81
Snowplow Rebuild	1,169.79
Backhoe Repair	4,430.13
Replace Electric Valves for Spawning Room	1,410.00
Replacement Door at Big Canyon	621.50
ADA Door Locks at Big Canyon	2,048.00
ADA Door Locks at Wallowa Hatchery	1,743.00
ADA Door Locks at Little Sheep Creek	2,267.00
Mower Parts	1,343.92
Asphalt Sealed at Wallowa Hatchery	2,499.00
Asphalt Sealed at Wallowa Acclimation Pond	1,502.80
Asphalt Sealed at Big Canyon	1,118.00
Gates & Fence Repairs at Little Sheep Creek, Big Canyon	2,306.43
4x6 T&G and 3x6 Dam Board Lumber	2,409.44
Replace Ball Valves for Hatch House	2,091.60
Plumbing Supplies for Hatch House	636.55
Tree Removal and Trimming at Wallowa Hatchery (hazard)	<u>960.00</u>
Total	<u>\$29,445.97</u>

Adult Returns to Hatchery

Steelhead Wallowa Stock BY00

Big Canyon Facility

Date of first return:	February 22, 2000
Date of last return:	June 5, 2000
Number of females returning:	222
Number of males returning:	161
Date of peak returns:	April 24, 2000
Number of females released to spawn naturally:	21
Number of males released to spawn naturally:	29
Mortality of all adult returns:	0 females; 0 males

Wallowa Fish Hatchery

Date of first return:	February 23, 2000
Date of last return:	May 31, 2000
Number of females returning:	471
Number of males returning:	497
Date of peak returns:	April 12, 2000
Number of females released to spawn naturally:	0
Number of males released to spawn naturally:	0
Mortality of all adult returns:	3 females; 2 males

Steelhead Imnaha Stock BY00

Little Sheep Creek Facility

Date of first return:	March 6, 2000
Date of last return:	May 22, 2000
Number of females returning:	323
Number of males returning:	197
Date of peak returns:	April 10, 2000
Number of females released to spawn naturally:	197*
Number of males released to spawn naturally:	140**
Mortality of all adult returns:	3 females; 1 male

**114 females were released into Little Sheep Creek and 83 were released into Big Sheep Creek.*

***85 males were released into Little Sheep Creek and 55 were released into Big Sheep Creek.*

A total of 68 males released in these streams were previously spawned at Little Sheep Creek Facility.

Spawning Record

Steelhead
Wallowa Stock BY00

Wallowa Fish Hatchery

Date Spawned	Number of Eggs Taken	Females Spawned	Males Spawned
3/22/00	117,100	24	24
3/29/00	371,100	72	72
4/05/00	355,530	72	72
4/12/00	438,600	82	88
4/19/00	347,900	72	72
4/26/00	226,200	47	48
5/03/00	106,800	26	24
5/10/00	56,100	5	12
5/17/00	14,700	3	3
5/23/00	12,500	2	3

Total number of females spawned:	405
Total number of males spawned:	418
Total number of green eggs:	2,046,530
Total number of eyed eggs:	1,822,100
Number of eggs retained for rearing:	0*
Number of eggs shipped:	1,479,800
Date of last spawning:	5/22/00

**All eyed eggs were shipped to Irrigon Fish Hatchery for incubation and rearing. A total of 342,000 eggs were destroyed as excess to program. Another 300 eyed eggs were transferred for use as an ODFW Salmon Trout Enhancement Program project.*

Spawning Record

Steelhead
Imnaha Stock BY00

Little Sheep Creek Facility

Date Spawned	Number of Eggs Taken	Females Spawned	Males Spawned
3/28/00	58,600	13	13
4/04/00	76,210	18	20
4/11/00	156,000	30	18
4/18/00	115,480	24	16
4/25/00	81,020	18	12
5/02/00	69,910	14	9
5/09/00	8,260	2	4
5/23/00	3,020	1	1

Total number of females spawned: 120
 Total number of males spawned: 55 (*some hatchery males used > once*)
 Total number of green eggs: 568,500
 Total number of eyed eggs: 464,730
 Number of eggs retained for rearing: 0*
 Number of eggs shipped: 464,730
 Date of last spawning: 5/23/00

**Water-hardened eggs are taken to Wallowa Fish Hatchery for eye-up; eyed eggs are then shipped to Irrigon Fish Hatchery for incubation and rearing.*

Spawning Record

O. mykiss Breeding Experiment

Steelhead - Wallowa Stock BY00

Rainbow Trout - Wallowa Stock BY00 or Wild *O. mykiss* Stock BY00

Wallowa Fish Hatchery

Date Spawned	Number of Eggs Taken	Females Spawned	Males Spawned
5/17/00	2,234	6	2
5/23/00	196	1	4

Total number of females spawned: 4 Steelhead, 3 Rainbow Trout
 Total number of males spawned: 2 Steelhead, 4 Rainbow Trout
 Total number of green eggs: 2,430
 Total number of eyed eggs: 1,841
 Number of eggs retained for rearing: 0*
 Number of eggs shipped: 1,841
 Date of last spawning: 5/23/00

**Eyed eggs are shipped to Irrigon Fish Hatchery for incubation and rearing.*

Rearing to Fingerling Stage Only

Rainbow Trout	
Cape Cod Stock BY98	
Number of fingerlings produced:	7,300
Weight of fingerlings produced (lbs.):	292.00
Percent mortality to stocking:	11.57%*
Average number/pound of fingerlings produced:	25.00
Conversion rate:	0.86*

**Percent mortality and conversion rates calculated using Klamath Hatchery figures. Fish were received from Klamath Hatchery on 9/23/99 and 9/28/99 and were released from Wallowa Fish Hatchery 11/01/99.*

Legal Trout Reared

Rainbow Trout	
Cape Cod Stock BY98	
Number legals produced:	70,708
Weight of legals produced (lbs.):	27,660.41
Percent mortality to stocking:	2.62%
Average number/pound of legals produced:	2.56
Conversion rate:	1.41

Trophy Trout Reared (less than one fish/pound)

Rainbow Trout	
Cape Cod Stock BY97	
Number trophy trout produced:	6,882
Weight of trophy trout produced (lbs.):	10,168.07
Percent mortality from possession to stocking:	3.59%
Average number/pound of trophy trout produced:	0.68
Conversion rate:	1.45

FY 2000 will be the last year of the Wallowa Fish Hatchery trout program.

Smolts Reared

Steelhead

Wallowa Stock BY99

Number of smolts produced:	891,948*
Weight of smolts produced (lbs.):	223,904
Percent mortality to stocking:	6.96%
Average number/pound of smolts produced:	3.98
Conversion rate:	1.07 at Irrigon Fish Hatchery*

**Irrigon Fish Hatchery reared 895,290 smolts weighing 197,916.58 pounds for this program. Steelhead smolts were transferred to Wallowa satellite facilities for acclimation and release. A total of 576,176 smolts survived to release from Wallowa Acclimation Facility. A total of 313,703 smolts survived to release from Big Canyon Acclimation Facility. In addition, 2,069 steelhead were released into Kinney Lake from Big Canyon Facility on 6/01/2000. These fish remained in the acclimation pond after the volitional release period, were over 70% male, and were believed to be at high risk for residualization.*

Pounds produced at Wallowa facilities totaled 25,497.42. Conversion rates at Big Canyon Facility and Wallowa Acclimation Pond are listed on the following page.

Steelhead

Innaha Stock BY99

Number smolts produced:	228,206*
Weight of smolts produced (lbs.):	53,087.00
Percent mortality to stocking:	8.07%
Average number/pound of smolts produced:	4.30
Conversion rate:	0.97 at Irrigon Fish Hatchery*

**Irrigon Fish Hatchery reared 229,369 smolts weighing 44,849.76 pounds for this program. These fish were transferred to Little Sheep Creek Facility for acclimation and release. Pounds produced at Wallowa facilities totaled 8,237.24. Conversion rate at Little Sheep Creek Facility is listed on the following page.*

Food Fed and Weight Gain

Steelhead

Wallowa Stock BY99

Big Canyon Facility

Total pounds of food fed	7,900
Conversion rate	1.16
Total pounds weight gained - all sizes produced	6,809

Food Fed and Weight Gain

**Steelhead
Wallowa Stock BY99**

Wallowa Acclimation Pond	
Total pounds of food fed	19,850
Conversion rate	1.04
Total pounds weight gained - all sizes produced	19,107

**Steelhead
Imnaha Stock BY99**

Little Sheep Creek Facility	
Total pounds of food fed	6,300
Conversion rate	0.77
Total pounds weight gained - all sizes produced	8,222

**Rainbow Trout
Cape Cod Stock BY97**

Wallowa Fish Hatchery	
Total pounds of food fed	12,100
Conversion rate	1.75
Total weight gain (lbs.) - all sizes produced	6,912

**Rainbow Trout
Cape Cod Stock BY98**

Wallowa Fish Hatchery	
Total pounds of food fed	31,500
Conversion rate	1.41
Total weight gain (lbs.) - all sizes produced	22,414

**FY00
Stocking**

Total number of distribution trips:	52
Number of fry stocked	0
Weight of fry stocked:	0 lbs.
Number of fingerlings stocked:	7,300
Weight of fingerlings stocked:	292.00 lbs.
Number of legal trout stocked:	70,708
Weight of legal trout stocked:	27,660.41 lbs.
Number of trophy trout stocked:	6,882
Weight of trophy trout stocked:	10,168.07 lbs.
Number of pre-smolts stocked:	122,270
Weight of pre-smolts stocked:	1,470.10 lbs
Number of smolts stocked:	1,218,952
Weight of smolts stocked:	295,906.42 lbs
Date, location, number and weight at each stocking:	See Attached

Stocking Records for Wallowa Fish Hatchery and Satellite Facilities
 October 1, 1999 through September 30, 2000

FACILITY	SPECIES	LOT	DATE	WATERBODY	NO/ LB	POUNDS LOADED	NUMBER LOADED	MORTS	POUNDS STOCKED	NUMBER STOCKED
BIG CANYON	SUMMER STEELHEAD	056 99	04/12/2000	DEER CREEK	4.01	21725.00	87,119	0	21725.00	87,119
BIG CANYON	SUMMER STEELHEAD	056 99	04/13/2000	DEER CREEK	4.12	22217.00	91,536	0	22217.00	91,536
BIG CANYON	SUMMER STEELHEAD	056 99	05/10/2000	DEER CREEK	3.98	17023.00	67,750	0	17023.00	67,750
BIG CANYON	SUMMER STEELHEAD	056 99	05/11/2000	DEER CREEK	3.99	16852.00	67,298	0	16852.00	67,298
BIG CANYON	SUMMER STEELHEAD	056 99	06/01/2000	KINNEY LK	4.22	490.00	2,069	0	490.00	2,069
LITTLE SHEEP	SUMMER STEELHEAD	029 99	04/12/2000	SHEEP CR, L	4.51	35827.00	161,582	0	35827.00	161,582
LITTLE SHEEP	SUMMER STEELHEAD	029 99	05/10/2000	SHEEP CR, L	3.86	17260.00	66,624	0	17260.00	66,624
WALLOWA HATCHERY	RAINBOW TROUT	072 97	04/17/2000	WALLOWA LK	0.79	663.00	524	0	663.00	524
WALLOWA HATCHERY	RAINBOW TROUT	072 97	04/28/2000	MAC PD	0.59	128.00	75	2	124.61	73
WALLOWA HATCHERY	RAINBOW TROUT	072 97	04/28/2000	ROULET PD	0.66	38.00	25	0	38.00	25
WALLOWA HATCHERY	RAINBOW TROUT	072 97	04/28/2000	MARR PD	0.76	66.00	50	0	66.00	50
WALLOWA HATCHERY	RAINBOW TROUT	072 97	04/28/2000	VICTOR PD	0.76	66.00	50	0	66.00	50
WALLOWA HATCHERY	RAINBOW TROUT	072 97	04/28/2000	WALLOWA WILDLIFE PD	0.76	112.00	85	0	112.00	85
WALLOWA HATCHERY	RAINBOW TROUT	072 97	05/15/2000	MARR PD	0.79	63.00	50	1	61.73	49
WALLOWA HATCHERY	RAINBOW TROUT	072 97	05/15/2000	VICTOR PD	0.79	63.00	50	1	61.73	49
WALLOWA HATCHERY	RAINBOW TROUT	072 97	05/15/2000	WALLOWA WILDLIFE PD	0.79	95.00	75	0	95.00	75
WALLOWA HATCHERY	RAINBOW TROUT	072 97	05/15/2000	ROULET PD	0.79	63.00	50	0	63.00	50
WALLOWA HATCHERY	RAINBOW TROUT	072 97	05/15/2000	MAC PD	0.79	95.00	75	0	95.00	75
WALLOWA HATCHERY	RAINBOW TROUT	072 97	05/15/2000	MORGAN LK	0.79	253.00	200	0	253.00	200
WALLOWA HATCHERY	RAINBOW TROUT	072 97	05/18/2000	WALLOWA LK	0.76	787.00	600	0	787.00	600
WALLOWA HATCHERY	RAINBOW TROUT	072 97	05/25/2000	KINNEY LK	0.71	140.00	100	0	140.00	100
WALLOWA HATCHERY	RAINBOW TROUT	072 97	06/01/2000	WALLOWA LK	0.71	850.00	600	0	850.00	600
WALLOWA HATCHERY	RAINBOW TROUT	072 97	06/07/2000	VICTOR PD	0.72	71.00	51	0	71.00	51
WALLOWA HATCHERY	RAINBOW TROUT	072 97	06/07/2000	WALLOWA WILDLIFE PD	0.72	104.00	75	0	104.00	75
WALLOWA HATCHERY	RAINBOW TROUT	072 97	06/09/2000	ROULET PD	0.71	35.00	25	0	35.00	25
WALLOWA HATCHERY	RAINBOW TROUT	072 97	06/09/2000	MAC PD	0.71	141.00	100	0	141.00	100
WALLOWA HATCHERY	RAINBOW TROUT	072 97	06/10/2000	MARR PD	0.71	71.00	50	0	71.00	50
WALLOWA HATCHERY	RAINBOW TROUT	072 97	06/16/2000	WALLOWA LK	0.72	832.00	600	0	832.00	600
WALLOWA HATCHERY	RAINBOW TROUT	072 97	06/20/2000	TWIN LKS	0.73	137.00	100	0	137.00	100
WALLOWA HATCHERY	RAINBOW TROUT	072 97	06/21/2000	MORGAN LK	0.75	535.00	403	0	535.00	403
WALLOWA HATCHERY	RAINBOW TROUT	072 97	06/26/2000	HONEYMOON POND	0.71	28.00	20	0	28.00	20
WALLOWA HATCHERY	RAINBOW TROUT	072 97	06/26/2000	TEEPEE PD	0.71	28.00	20	0	28.00	20
WALLOWA HATCHERY	RAINBOW TROUT	072 97	06/29/2000	SALT CREEK SUMMIT POND	0.77	26.00	20	0	26.00	20
WALLOWA HATCHERY	RAINBOW TROUT	072 97	06/29/2000	MCGRAY POND	0.77	26.00	20	0	26.00	20
WALLOWA HATCHERY	RAINBOW TROUT	072 97	06/29/2000	WALLOWA LK	0.79	765.00	601	0	765.00	601
WALLOWA HATCHERY	RAINBOW TROUT	072 97	07/05/2000	WALLOWA LK	0.66	759.00	500	0	759.00	500
WALLOWA HATCHERY	RAINBOW TROUT	072 97	07/17/2000	TWIN LKS	0.60	497.00	300	0	497.00	300
WALLOWA HATCHERY	RAINBOW TROUT	072 97	07/19/2000	TEEPEE PD	0.57	35.00	20	0	35.00	20
WALLOWA HATCHERY	RAINBOW TROUT	072 97	07/19/2000	TEEPEE PD	0.57	35.00	20	0	35.00	20
WALLOWA HATCHERY	RAINBOW TROUT	072 97	07/19/2000	WALLOWA LK	0.63	1105.00	700	0	1105.00	700
WALLOWA HATCHERY	RAINBOW TROUT	072 97	07/20/2000	SALT CREEK SUMMIT POND	0.63	32.00	20	0	32.00	20

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FACILITY	SPECIES	LOT	DATE	WATERBODY	NO/ LB	POUNDS LOADED	NUMBER LOADED	MORTS	POUNDS STOCKED	NUMBER STOCKED
WALLOWA HATCHERY	RAINBOW TROUT	072 97	07/20/2000	MCGRAW POND	0.63	32.00	20	0	32.00	20
WALLOWA HATCHERY	RAINBOW TROUT	072 97	08/10/2000	WALLOWA LK	0.50	602.00	300	0	602.00	300
WALLOWA HATCHERY	RAINBOW TROUT	072 97	08/29/2000	WALLOWA LK	0.39	796.00	312	0	796.00	312
WALLOWA HATCHERY	RAINBOW TROUT	072 98	04/14/2000	MARR PD	2.90	345.00	1,001	4	343.62	997
WALLOWA HATCHERY	RAINBOW TROUT	072 98	04/14/2000	VICTOR PD	2.90	345.00	1,001	2	344.31	999
WALLOWA HATCHERY	RAINBOW TROUT	072 98	04/14/2000	WALLOWA WILDLIFE PD	2.90	345.00	1,001	3	343.97	998
WALLOWA HATCHERY	RAINBOW TROUT	072 98	04/14/2000	ROULET PD	2.90	259.00	751	4	257.62	747
WALLOWA HATCHERY	RAINBOW TROUT	072 98	04/14/2000	MAC PD	2.90	345.00	1,001	2	344.31	999
WALLOWA HATCHERY	RAINBOW TROUT	072 98	04/28/2000	ROULET PD	2.50	200.00	500	0	200.00	500
WALLOWA HATCHERY	RAINBOW TROUT	072 98	04/28/2000	MAC PD	2.50	300.00	750	0	300.00	750
WALLOWA HATCHERY	RAINBOW TROUT	072 98	04/28/2000	MARR PD	2.50	208.00	520	2	207.20	518
WALLOWA HATCHERY	RAINBOW TROUT	072 98	04/28/2000	VICTOR PD	2.50	208.00	520	0	208.00	520
WALLOWA HATCHERY	RAINBOW TROUT	072 98	04/28/2000	WALLOWA WILDLIFE PD	2.50	309.00	773	0	309.00	773
WALLOWA HATCHERY	RAINBOW TROUT	072 98	05/12/2000	VICTOR PD	2.28	218.00	497	2	217.12	495
WALLOWA HATCHERY	RAINBOW TROUT	072 98	05/12/2000	WALLOWA WILDLIFE PD	2.28	364.00	830	1	363.56	829
WALLOWA HATCHERY	RAINBOW TROUT	072 98	05/12/2000	ROULET PD	3.20	188.00	602	2	187.38	600
WALLOWA HATCHERY	RAINBOW TROUT	072 98	05/12/2000	MAC PD	3.20	313.00	1,002	1	312.69	1,001
WALLOWA HATCHERY	RAINBOW TROUT	072 98	05/12/2000	MARR PD	2.28	218.00	497	2	217.12	495
WALLOWA HATCHERY	RAINBOW TROUT	072 98	05/22/2000	MARR PD	2.96	169.00	500	1	168.66	499
WALLOWA HATCHERY	RAINBOW TROUT	072 98	05/22/2000	VICTOR PD	2.96	169.00	500	0	169.00	500
WALLOWA HATCHERY	RAINBOW TROUT	072 98	05/22/2000	WALLOWA WILDLIFE PD	2.96	254.00	752	1	253.66	751
WALLOWA HATCHERY	RAINBOW TROUT	072 98	05/22/2000	ROULET PD	2.96	169.00	500	0	169.00	500
WALLOWA HATCHERY	RAINBOW TROUT	072 98	05/22/2000	MAC PD	2.96	338.00	1,000	1	337.66	999
WALLOWA HATCHERY	RAINBOW TROUT	072 98	05/25/2000	KINNEY LK	2.93	1400.00	4,102	0	1400.00	4,102
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/02/2000	SALT CREEK SUMMIT POND	2.41	325.00	783	2	324.17	781
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/02/2000	HONEYMOON POND	2.41	325.00	783	0	325.00	783
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/02/2000	TEEPEE PD	2.41	325.00	783	0	325.00	783
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/05/2000	MARR PD	2.52	201.00	507	1	200.60	506
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/05/2000	VICTOR PD	2.52	201.00	507	0	201.00	507
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/05/2000	WALLOWA WILDLIFE PD	2.52	301.00	759	1	300.60	758
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/05/2000	MAC PD	2.52	400.00	1,008	1	399.60	1,007
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/05/2000	ROULET PD	2.52	201.00	507	2	200.21	505
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/12/2000	KINNEY LK	2.35	1703.00	4,002	3	1701.72	3,999
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/12/2000	TEEPEE PD	2.35	320.00	752	2	319.15	750
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/12/2000	HONEYMOON POND	2.35	320.00	752	1	319.57	751
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/12/2000	SALT CREEK SUMMIT POND	2.35	320.00	752	0	320.00	752
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/12/2000	MCGRAW POND	2.35	320.00	752	0	320.00	752
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/20/2000	TWIN LKS	2.20	1364.00	3,001	0	1364.00	3,001
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/26/2000	HONEYMOON POND	3.13	165.00	516	4	163.72	512
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/26/2000	TEEPEE PD	3.13	165.00	516	1	164.68	515
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/29/2000	SALT CREEK SUMMIT POND	3.10	167.00	518	6	165.06	512

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FACILITY	SPECIES	LOT	DATE	WATERBODY	NO/ LB	POUNDS LOADED	NUMBER LOADED	MORTS	POUNDS STOCKED	NUMBER STOCKED
WALLOWA HATCHERY	RAINBOW TROUT	072 98	06/29/2000	MCGRW POND	3.10	167.00	518	6	165.06	512
WALLOWA HATCHERY	RAINBOW TROUT	072 98	07/05/2000	WALLOWA LK	2.93	1710.00	5,010	9	1706.93	5,001
WALLOWA HATCHERY	RAINBOW TROUT	072 98	07/17/2000	TWIN LKS	2.52	810.00	2,041	4	808.41	2,037
WALLOWA HATCHERY	RAINBOW TROUT	072 98	07/19/2000	TEEPEE PD	2.52	210.00	529	0	210.00	529
WALLOWA HATCHERY	RAINBOW TROUT	072 98	07/19/2000	TEEPEE PD	2.52	210.00	529	0	210.00	529
WALLOWA HATCHERY	RAINBOW TROUT	072 98	07/19/2000	WALLOWA LK	2.52	600.00	1,512	2	599.21	1,510
WALLOWA HATCHERY	RAINBOW TROUT	072 98	07/19/2000	WALLOWA LK	2.75	1640.00	4,510	4	1638.55	4,506
WALLOWA HATCHERY	RAINBOW TROUT	072 98	07/20/2000	SALT CREEK SUMMIT POND	2.75	205.00	564	2	204.27	562
WALLOWA HATCHERY	RAINBOW TROUT	072 98	07/20/2000	MCGRW POND	2.75	205.00	564	2	204.27	562
WALLOWA HATCHERY	RAINBOW TROUT	072 98	07/24/2000	SALT CREEK SUMMIT POND	2.75	187.00	514	1	186.64	513
WALLOWA HATCHERY	RAINBOW TROUT	072 98	07/24/2000	MCGRW POND	2.75	187.00	514	0	187.00	514
WALLOWA HATCHERY	RAINBOW TROUT	072 98	08/01/2000	WALLOWA LK	2.43	2470.00	6,002	3	2468.77	5,999
WALLOWA HATCHERY	RAINBOW TROUT	072 98	08/10/2000	WALLOWA LK	2.62	2311.00	6,055	6	2308.71	6,049
WALLOWA HATCHERY	RAINBOW TROUT	072 98	08/29/2000	WALLOWA LK	2.05	3000.00	6,150	11	2994.63	6,139
WALLOWA HATCHERY	RAINBOW TROUT	072 98	11/01/1999	KINNEY LK	25.00	292.20	7,305	5	292.00	7,300
WALLOWA ACC POND	SUMMER STEELHEAD	056 99	04/05/2000	SPRING CR	3.90	45888.00	178,963	0	45888.00	178,963
WALLOWA ACC POND	SUMMER STEELHEAD	056 99	04/06/2000	SPRING CR	4.05	45568.00	184,522	0	45568.00	184,522
WALLOWA ACC POND	SUMMER STEELHEAD	056 99	05/03/2000	SPRING CR	3.88	27918.00	108,322	0	27918.00	108,322
WALLOWA ACC POND	SUMMER STEELHEAD	056 99	05/04/2000	SPRING CR	3.98	26223.00	104,369	0	26223.00	104,369