

HAGERMAN NATIONAL FISH HATCHERY

Fiscal Year 2002

Summary of Operations and Expenditures

INTRODUCTION

The Hagerman National Fish Hatchery (NFH) is located along the Snake River, about 30 miles west of Twin Falls, Idaho at a point three miles south and two miles east of Hagerman, Idaho. The hatchery was authorized by 46 Stat, 371 on May 21, 1930 and was established in 1932. Construction of the physical facilities commenced in 1932, and fish production began in 1933. The primary goal of the hatchery, at that time, was the production of rainbow trout for stocking in Idaho, eastern Oregon, and northern Nevada.

In the late 1970's the hatchery became part of the Lower Snake River Fish and Wildlife Compensation Plan (LSRCP) which was authorized by the Water Resources Development Act of 1976, Public Law 94-587. This plan was designed to mitigate for fish and wildlife losses caused by the construction of four dams on the lower Snake River. For its part in the LSRCP program, the hatchery's primary production goal was changed from resident rainbow trout to steelhead trout.

There are 102 outside raceways at the hatchery. Of these, 66 are devoted to LSRCP steelhead production and 12 are reserved for other programs which the Fish and Wildlife Service deems appropriate. During Fiscal Year 2002, rainbow trout for the Dworshak Reservoir Mitigation program were reared in these raceways. The remaining 24 raceways are not in use at this time. Other major facilities include two hatchery-rearing buildings with a total of 60 rearing tanks, an administration-visitor facility building, a combination shop/four-stall garage, four residences, an oil/paint storage building, and two general storage buildings.

The hatchery's water supply is spring-fed at a constant 59 degrees Fahrenheit with a flow rate of approximately 30,000 gallons per minute.

Co-located within the hatchery grounds is the Hagerman Fish Culture Experiment Station. This research facility is owned and operated by the University of Idaho.

STATION OPERATIONS

The LSRCP established a mitigation goal of 13,600 adult steelhead above Lower Granite Dam for the Hagerman NFH. However, within the framework of the LSRCP, specific objectives and tasks for the hatchery's steelhead production program are established through a high degree of interagency coordination. Results of this coordination affect certain aspects of the program, such as total number and strain reared, time and size at release, and location of release. The Brood Year (BY) 2002 production goal for Hagerman NFH was 1,290,000 smolts at a target size of 4.2 fish per pound (180-250mm).

The Hagerman NFH also produces rainbow trout for the Dworshak Dam mitigation program as an in-kind exchange with the Idaho Department of Fish and Game (IDFG). Fish reared at Hagerman NFH are stocked into southern Idaho reservoirs such as Little Camas, C.J. Strike, Lucky Peak, Cascade, Anderson Ranch, Oxbow, and Hells Canyon. Fish reared at the Nampa

State Fish Hatchery are stocked into Dworshak Reservoir. The Dworshak Reservoir Mitigation program is coordinated with the manager of the IDFG, State Fish Hatchery, Nampa, Idaho. The program calls for stocking sub-catchable trout in the spring and catchable trout in the fall.

Fish Culture Operations

Pertinent fish rearing information for all fish species held on station during Fiscal Year 2002 is presented in Table 1.

Steelhead

Brood Year 2002 Steelhead Distribution

Three stocks of Brood Year 2002 summer steelhead were programmed for the 2003 release year. Since the Hatchery does not have the capability to capture anadromous brood stock on site, eyed eggs are obtained from other spawning and incubation facilities. Table 2. Provides the number of eggs received by species and strain during Fiscal Year 2002.

Brood Year 2001 Steelhead Distribution

The Hagerman National Fish Hatchery released 1,319,229 steelhead smolts into the Salmon and Clearwater rivers (tributaries of the Snake River) in Idaho. Table 3. provides the number of steelhead released by strain and site.

Rainbow Trout

All rainbow trout eggs were obtained from the Ennis NFH, Ennis, Montana (Table 2.). Two strains of rainbow trout were raised for release in FY 2002. Lot 89, BY01 Shasta strain, was released early, in September 2001, in response to a September 7, 2001 wildfire which destroyed the riparian vegetation around Spring 17, an important source of water for the rainbow trout raceways. These fish were released early to guard against a potential catastrophic loss of fish in the event of rainstorm-induced landslides above the springs. This fish distribution is documented in the 2001 report.

Lot 93, BY01 Arlee strain, was released within the originally-scheduled time frame, however, its release location was changed due to low water levels in Little Camas Reservoir. Lot 93 was released into Lucky Peak Reservoir in May 2002 (Table 3.).

One lot of rainbow trout, Lot 94, BY02 Shasta strain, was raised for release in FY 2003 (Table 1.).

Fiscal Operations

Personnel

During January, Assistant Hatchery Manager, Jae Ahn, transferred to the Uvalde National Fish Hatchery. Kurt Schilling was hired to replace Jae. Kurt had been employed with the IDFG for eleven years when selected for the position. He was the Assistant Manager at the Sawtooth Hatchery in Stanley, Idaho which is funded under the LSRCP program. Table 5. provides a summary of staffing for the hatchery during Fiscal Year 2002.

Training

Table 6. provides a summary of training received by hatchery employees during Fiscal Year 2002.

Cost Data

A description of expenditures by cost code for the year are presented in Table 7a & 7b.

Other Items of Interest

Intermittent Feeding

During 2002 the Hatchery Evaluation Team (HET) compiled and summarized data for Brood Year 1999 relevant to this project. This was the fourth and final year for this evaluation. The information is presented in a document entitled "*An evaluation of two different feeding methods for controlling growth of steelhead reared at a constant water temperature*". A final report will be developed when all the coded-wire-tag return data are available for Brood Year 1999.

b(beta)-Glucan Feed Study

Furunculosis outbreaks have occurred at the Hagerman National Fish Hatchery in 2000 and 2001. It is suspected that these epizootics were stress induced. In an effort to prevent such outbreaks, a commercial diet enhanced with a form of *b*-glucans, called MacroGuard™, was fed to a select group in the 2001 brood year steelhead. This was done in combination with vaccination against furunculosis. Data from the 2001 experiment is still being analyzed, but preliminary indications are that the special diet and vaccine did not provide the fish with enhanced immune response against the causative agent of furunculosis, *Aeromonas salmonicida*. In the Broodyear 2002 steelhead a follow-up pilot study was conducted using the Proactive™ diet supplied by Moore-Clark. The purpose of this study is to determine whether the Moore-Clark Proactive diet, alone, or in combination with the furunculosis vaccine used in 2001, will provide juvenile steelhead increased immunity to *A. salmonicida*. The Hagerman NFH Hatchery Evaluation Team will develop a complete report on these investigations upon completion of the studies.

Fish Health

During the rearing of Brood Year 2001 steelhead, three organisms were detected in the fish that caused elevated mortalities. Two of the organisms are bacteria, *Aeromonas hydrophila* and *Aeromonas salmonicida*. The third organism is an intracellular parasite identified as a microsporean, *Nucleospora salmonis*. Both of the bacteria have been found in the hatchery's water supply. It is suspected that *Nucleospora* is also in the water supply, but further tests will be needed to confirm this. Under the guidance and recommendations of Service pathologists at the Idaho Fish Health Center, the hatchery administered treatments of antibiotics (Romet, Terramycin, and Nuflor) to selected raceways for the two *Aeromonas* sp. with mixed results. No approved treatment is available for *N. salmonis*.

The Clearwater stock experienced higher mortalities than the either Sawtooth or Pahsimeroi stocks, indicating they may be more susceptible to the microsporean. Mortalities in some raceways of the Clearwater stock approached 1% per day. Prior to release, a consensus with Service cooperators (Idaho Department of Fish and Game, and the Nez Perce Tribe) was to hold the fish on station longer in an effort to allow them time to recover and proceed with distribution as scheduled. The Clearwater steelhead did recover significantly before their scheduled release and were transported without any delay or significant loss. One factor that may have played an important role in their recovery was an increase in both the quantity and quality of water passing through their raceways. As fish were removed from the upstream raceways overall loading of the system was reduced.

The rainbow trout program was also affected by disease in 2002. Lot 93 (BY01 Arlee strain) experienced elevated mortality beginning in mid-April. Because this occurred so close to distribution, and because mortalities were cycling back down to normal levels on their own, we did not administer antibiotic therapy. The Idaho FHC, in cooperation with Charlie Smith, Rangen, Inc., investigated and concluded that coldwater disease (*Cytophaga psychrophila*) was most likely the primary cause of this mortality. However, furunculosis (*Aeromonas salmonicida*) and motile *Aeromonas* species were also present. Although the symptoms exhibited by the fish indicated *N. salmonis* (symptomatic fish were anemic, had eye abnormalities including exophthalmia and/or cataracts, and sometimes had external head lesions), it was never positively identified in the rainbow trout. Histological and genetic methods (polymerase chain reaction) were employed in the search for this pathogen. Viral assays were also negative.

The Idaho FHC consulted with Idaho Department of Fish and Game pathologist, Keith Johnson, regarding the release of Lot 93. Mr. Johnson stated that it would be acceptable to release these fish into Lucky Peak Reservoir, as planned, because the presence of the aforementioned pathogens would not change the disease status of that body of water. The pre-release health exam, subsequently conducted on May 8, 2002, indicated that Lot 93 was in good health. Only one of sixty fish sampled from the general population was anemic, and no bacteria or virus were found. Distribution was carried out on May 20, 22, and 24. At that time, three of the ten raceways occupied by this lot had mortality in the range of 0.1 to 0.3% per day. Mortality in the other seven raceways was less than 0.1% per day. The fish transport driver observed the fish to haul well and looked good at release. However, there was one compartment of fish from one of

the problem raceways that he observed at least 40 morts during off-loading.

Lot 94 (BY02 Shasta strain) experienced slightly elevated mortality due to coldwater disease during May and June, but this resolved itself without the aid of antibiotics by July. Mortality remained low throughout July and August, but once again became slightly elevated in September. The pre-release fish health exam indicated that the general population was in very good health, as no bacterial, viral, or parasitic pathogens were detected.

Burned Area Emergency Rehabilitation (BAER) Plan

As authorized under the BAER Plan, an Implementation Coordinator was hired under contract to oversee the restoration program. A total of \$205,549 has been allocated for this Plan under subactivity 9262-1996 (Table 7b). Projects accomplished so far have expended \$49,902 and include: hydro seeding, cheat grass control, repair of the chain link fence, repair and replacement of the perimeter barbed wire fence; and planting of willow seedlings along Riley Creek.

Outreach/Volunteers

We were unable to enlist any volunteers this year to conduct the Hatchery Host program. We did, however, embark on a new aspect of the volunteer program. On June 11, the hatchery welcomed the arrival of Paola Gomez a international trainee from Guadalajara Mexico. Paola is an undergraduate at the Universidad de Guadalajara majoring in biology and worked at the Hatchery for two months as a volunteer through a student exchange program administered by the Idaho Panhandle National Forest, Coeur d'Alene, Idaho. Table 8. provides a break down of hatchery outreach activities and volunteer time.

New Hatchery #1

During November 2001, we broke ground to construct a new hatchery building to replace the existing Hatchery #1. The condition of the old Hatchery #1 had deteriorated to the point that it was no longer safe for hatchery operations. A condition assessment by Service Engineers determined building replace was the best option. The construction appropriation was one million dollars. When funding is authorized the old building will be demolished.

When completed (early FY 03) the new building will consist of a tank room with 40 fiberglass rearing tanks having 3,728 cubic feet of rearing space. It will also have a support area to consist of a feed storage cool room, feed processing room, lab space for fish health diagnostics/water quality analysis/egg isolation, office space and a crew locker room.

Hagerman National Fish Hatchery

Table 1. Hatchery Production summary as of September 30, 2002

Station: Hagerman National Fish Hatchery		PERIOD COVERED: OCTOBER 1, 2001 THRU SEPTEMBER 30, 2002									
Species/ Strain and Lot Number	Fish on Hand Last Day of Period					To Date This Fiscal Year					
	Number	Weight	Length	D.I.	F.I.	Weight Gain	FEED EXPENDED Pounds	Costs	Conversion	Percent Survival	
1	2	3	4	5	6	7	8	9	10	11	
SST-CRW-01-DWO ¹	0	0	8.641	n/a	n/a	34,677	44,174	\$18,453.37	1.27	88.81	
SST-PAW-01-ID ²	0	0	8.657	n/a	n/a	45,939	46,288	\$12,083.84	1.01	99.01	
SST-SAW-01-ID ³	0	0	8.488	n/a	n/a	193,251	192,046	\$49,282.06	0.99	98.97	
SST-CRW-02-DWO	201,988	6,965	4.534	0.05	0.19	6,856	4,956	\$1,820.08	0.72	95.68	
SST-PAW-02-ID	200,128	6,671	4.483	0.05	0.18	6,594	5,336	\$1,950.73	0.81	95.99	
SST-SAW-02-ID	855,587	20,127	3.991	0.04	0.14	19,777	15,297	\$7,298.03	0.77	90.00	
RBT-ARD-01-ENN	0	0	5.798	n/a	n/a	8,495	7,032	\$2,484.28	0.83	92.47	
RBT-SSD-02-ENN	46,201	14,325	9.186	0.14	0.24	13,750	13,338	\$3,511.68	0.97	96.15	
Total/Averages	1,303,904	48,088	XXXX	XXXX	XXXX	329,340	328,467	\$96,884.07	1.00	94.64	

Hagerman National Fish Hatchery

Table 2. Eyed eggs received at Hagerman NFH during Fiscal Year 2002

Species	Stock	Lot No.	No. Eggs	% Survival to Hatch
Rainbow Trout	Arlee ¹	RBT-ARD-01-ENN (Lot 93)	130,720	86.62%
Rainbow Trout	Shasta ¹	RBT-SSD-02-ENN (Lot 94)	55,378	89.61%
		Total	186,098	
Steelhead	Clearwater ²	SST-CRW-02-DWO (Lot 95)	217,400	97.27%
Steelhead	Pahsimeroi ³	SST-PAW-02-ID (Lot 96)	212,405	98.33%
Steelhead	Sawtooth ⁴	SST-SAW-02-ID (Lot 97)	965,031	98.96%
		Total	1,394,836	

1. Spawned and incubated at Ennis NFH.
2. Spawned at Dworshak NFH and incubated at Clearwater Fish Hatchery.
3. Spawned at Pahsimeroi Fish Hatchery and incubated at Sawtooth Fish Hatchery.
4. Spawned and incubated at Sawtooth Fish Hatchery.

Hagerman National Fish Hatchery

Table 3. Steelhead Distribution During Fiscal Year 2002

Lot / Strain	Type of release	River/Site	Weight (lbs)	Number	#/lb	Length	Date(s)
92 SST-SAW-01-ID		Salmon River				in	mm
Sawtooth	Direct	Sawtooth Fish Hatch.	180,520	781,706	4.33	8.546	217.07
Sawtooth	Direct	Yankee Fork	31,555	139,445	4.42	8.488	215.60
							4/3/02 - 4/29/02
							5/2/02, 5/3/02, 5/6/02
91 SST-PAW-01-ID		Little Salmon River					
Pahsimeroi	Direct	Hwy 95 Bridge site	41,875	175,504	4.19	8.640	219.44
Pahsimeroi	Direct	Lower Hazard Creek	10,480	42,620	4.07	8.727	221.66
							4/1/02 - 4/15/02
							4/12/02
90 SST-CRW-01-DWO		So Fk. Clearwater					
Clearwater	Direct	American River	21,270	94,232	4.43	8.481	215.42
Clearwater	Direct	Newsome Creek	21,050	85,722	4.07	8.723	221.56
							4/30/02, 5/8/02, 5/10/02
							5/10/02, 5/13/02, 5/15/02
		Total	306,750	1,319,229			

Hagerman National Fish Hatchery

Table 4. Rainbow Trout Distribution During Fiscal Year 2002

Lot / Strain	Reservoir	Site	Weight (lbs)	Number	Length (in)	Date(s)
Lot 93 RBT-ARD-01-ENN	Lucky Peak Reservoir	Spring Shores boat ramp	2,510	34,985	5.640	05/20/02
	Lucky Peak Reservoir	Spring Shores boat ramp	2,490	33,404	5.712	05/22/02
	Lucky Peak Reservoir	Spring Shores boat ramp	3,530	41,035	5.991	05/24/02
		Total	8,530	109,424	5.798	

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Table 5. Report of Station Personnel During Fiscal Year 2002.

Part I - Permanent Personnel (FTE's: 8.7)					
Name of Employee	Functional Title	Grade	Period Worked	Remarks	
Bryan Kenworthy	Project Leader Fisheries Biologist(Supvsr)	GS0482/12/07	10/01/2001 - 09/30/2002		
Jae Ahn	Asst. Hatchery Manager Fisheries Biologist (Supvsr)	GS0482/11/03	10/01/2001 - 01/26/2002	Transferred to R2, Uvalde NFH	
Kurtis E. Schilling	Asst. Hatchery Manager Fisheries Biologist (Supvsr)	GS0482/11/01	04/07/2001 - 09/30/2002	New Employee	
Robert James Brandon	Animal Caretaker	WG5048/04/01	10/01/2001 - 09/30/2002		
Brian P. Clifford	Motor Vehicle Operator	WG5703/08/05	10/01/2001 - 09/30/2002		
Charles Larson	Animal Caretaker	WG5048/05/01	10/01/2001 - 09/30/2002		
Stephen W. Money	Maintenance Mechanic	WG4749/10/05	10/01/2001 - 09/30/2002		
Anna M. Ray	Fisheries Program Assistant	GS0303/06/02	10/01/2001 - 09/30/2002		
**Wayne Talo	Fisheries Biologist	GS0482/09/06	10/01/2001 - 09/30/2002		
Eric W. Willet	Motor Vehicle Operator	WG5703/06/05	10/01/2001 - 09/30/2002		
Part II - Temporary Personnel (FTE's: 0.0)					
Gregg N. Bonathan	Contract w/?Personnel Plus ³³ #10181-2-M168	Equivalent to WG5048/02/01	03/18/2002 - 07/05/2002	522:45 hours	

** Held temporary position of GS0482/11/01 from 01/27/2002 - 04/06/2002 as acting Asst. Hatchery Manager

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Table 6. Personnel Training during Fiscal Year 2002

JungJae Ahn	Fundamentals of Water Law in Idaho: Protecting Water Rights, Use and Quality - January 2002 Respirators Training & Fit Test
R. James Brandon	USFWS Forklift Certification - June 2002 Fire Fighter "red card" certification (Fire Orders, Watch Out Situations & Fire Shelter Deployment) Respirators Training & Fit Test
Brian Clifford	2002 Urban Pest management Workshop - March 2002 Trout Disease Fish Management - August, 2002 Respirators Training & Fit Test
Bryan Kenworthy	2002 Urban Pest Management Workshop - February 2002
Charles Larson	NWFCC December 2001 2002 Urban Pest Management Workshop - March 2002 Cold Water Fish Culture - March 2002 Trout Disease Fish Management - August, 2002 Fire Fighter "red card" certification refresher (Fire Orders, Watch Out Situations & Fire Shelter Deployment) Respirators Training & Fit Test
Stephen Money	Management Skills for Non-Supervisors - November 2001 OSHA 600 Collateral Duty for Safety Officers - August 2002 Fire Fighter "red card" certification refresher (Fire Orders, Watch Out Situations & Fire Shelter Deployment) Respirators Training & Fit Test
Anna M. Ray	Advanced Simplified Acquisition Procedures - January 2002 Basic Records Operations - August 2002
Kurtis Schilling	Purchase Card Training - July 2002 USFWS Forklift Certification - June 2002 USFWS Employee Foundations for Supervisors - July 2002 HACCP Workshop/Aquatic Nuisance Species - August 2002
Wayne Talo	Fundamentals of Water Law in Idaho: Protecting Water Rights, Use and Quality - January 2002 Regional Office, Division of Fisheries detail - August 2002 Respirators Training & Fit Test
Eric Willet	NWFCC December 2001 Fire Fighter "red card" certification refresher (Fire Orders, Watch Out Situations & Fire Shelter Deployment) Respirators Training & Fit Test

Hagerman National Fish Hatchery

Table 7. Operation and Maintenance Data For Fiscal Year 2002.

FUNDING SOURCE			
Operations Fisheries	Non-Reoccurring Maint. & Cap. Equipment	Quarters Maintenance	Other Funding
1936-0300	1936-0300	8610-0000	
1	2	3	4
466,385			
5,416			
3,903			
11,164			
852			
4,021			

1. Salaires. Permanent (+ Benefits)

2. Salaries. Temp./Engineering. (+ Benefits)

3. Operating Costs:

A. Utilities

1. Telephone

2. Electricity

3. Heating Oil

B. Vehicle Maintenance

1. Distribution Vehicle Maint.

Total Mileage:

Hagerman National Fish Hatchery

Table 7. Con't

FUNDING SOURCE			
Operations Fisheries	Non-Reoccurring Maint. & Cap. Equipment	Quarters Maintenance	Other Funding
1936-0300 1	1936-0300 2	8610-0000 3	4
5,972			
4,933			
84,051			12,000 ¹
9,405			
18,772			
16,006**			
14,273			

- B. Vehicle Maintenance
- 2. Non-Dist. Vehicle Maint.
- Total Mileage:
- C. Fuel for Vehcles/Equipment
- D. Supplies
- 1. Fish Food
- 2. Chemicals/Drugs
- 3. Production
- 4. Office / Custodial / Other
- E. Travel / Tuition

¹Dworshak RBT Fish Food (#14220-1935-0001)

Hagerman National Fish Hatchery

Table 7. Con't

FUNDING SOURCE			
Operations Fisheries	Non-Recurring Maint. & Cap. Equipment	Quarters Maintenance	Other Funding
1936-0300 1	1936-0300 2	8610-0000 3	4
0.000			160,071 ²
34,396 759			
000,000			00,000
0,000	28,011		3,345 + 6900
11,804		18,897	
00,000	28,011	18,897	
000,000	28,011	18,897	00,000

3. F. Fire Expense

G. Miscellaneous (List)

1. Fish Haul Contract, Tractor Lease +

2. Outreach

4. **Operations (Total: Line 1, 2, 3 A-G)**

5. Equipment Purchased & MMS

6. Buildings, Grounds & Supplies

7. Quarters Maintenance

8. Total Maintenance (Total: Lines 5, 6, & 7)

9. **Column Totals (Total Lines 4 and 8)**

10. **Total Expenditures (Add Totals of Column 1-4) \$ 000,000.00**

Form 3-110c (Rev. 1/89)

²Oster Lake Fire Suppression (#14230-9261-1996 @ \$11,428) & Rehabilitation (#14230-9262-1996 @ \$148,642.65)

Hagerman National Fish Hatchery Other Funding Sources

Table 7b. Operation and Maintenance Data For Fiscal Year 2002

LSRCP Digital Copier 14230-1936-0041:		
Contract #GS25F0037M / 101812X178		\$2,845.00
Dworshak Mitigation RBT 14220-1935-0001:		
Fish Food	\$12,000.00	
Temp. Services (10181-2-M168 Mod001)	<u>\$2,440.62</u>	
Total Mitigation Funding:		\$14,440.62
Quarters Funding 8610-0000:		
FY2001-Prior Year Carryover	(\$1,415.59)	
Collections	\$15,784.13	
Emergency Funds from Fisherery Resouces	\$3,485.00	
Kitchen & Bath remodels Q#6	(\$18,897.43)	
Overhead deductions	<u>(\$3,057.96)</u>	
FY2002- Carry forward:		(\$4,101.85)
BAER Fire Stallization 14230-9261-1996:		\$148,643.00
BAER Fire Rehabilitation 14230-9262-1996:		\$11,428.00
WUI - 14230-926#-1588:		
Tree Hazard Fuels Reduction 9264-1588	\$4,500.00	
Fire Line Establishment 9265-1588	<u>\$500.00</u>	
Total WUI Funding:		\$5,000.00
RFA - 14230-9265-0000:		
Hagerman Fire Protection District 14230-2-G153		\$5,000.00
US Fish & Wildlife MMS - 10140-1313-12##:		
Fence Contruction / 10181-2- M485:		
10140-1313-1203	\$2,007.00	
10140-1313-1227	<u>\$2,814.00</u>	
Sub-Total Fence Contruction:	\$4,821.00	
New Hatchery #1 Bldg. / Irrigation & Plumbing:		
10140-1313-1227		
Sub-Total New Hatchery #1:	<u>\$2,317.00</u>	
Total US Fish & Wildlife MMS:		\$7,138.00
Outreach Grant, Buh! Arts Council / 14230-2-G176:		
10140-1936-0300	\$2,000.00	
10160-1664-0000	<u>\$2,000.00</u>	
Total Grant:		\$4,000.00

Hagerman National Fish Hatchery

Table 8. Outreach / Volunteer Records for FY2002

	Number of Groups	Number of People	Number of Hours	Date(s)
1.) Presentations:				
On Site	10	340	---	FY2002
Off Site	0	0	---	FY2002
2.) Visitors:				
Official	---	352	---	FY2002
Public	---	2685	---	FY2002
3.) Other Activities:				
Hagerman Fossil Days Parade	---	1	4	May 25, 2002
Free Fishing Day	---	7	55	June 08, 2002
Internat'l Exchange Student Briefing	---	1	5	June 25, 2002
International Exchange Student	---	1	268	June 25 to Aug. 07