



Project Report December 8, 2006

Strategic Plan Objectives: Provide support to States, Tribes, and other partners to identify and meet shared or complementary recreational fishing and aquatic education and outreach objectives.

29 projects found

| 13210-A-018 - Outreach Activities for Abernathy Fish Technology Center | |
|---|--|
| Facility | Abernathy Fish Technology Center |
| Expended | \$29700 |
| Objective | Develop and improve long-term partnerships with States, Tribes, other Federal agencies, non-governmental organizations, and other Service Programs to develop collaborative conservation strategies for aquatic resources. |
| Primary Benefited Species | Chinook salmon or king salmon (Oncorhynchus tshawytscha) |
| Primary Benefited Population | Not specified |
| Plans | Pacific Region Fisheries Outreach Action Plan |
| Keyword | Outreach |
| Need Number | N-002 |
| Partners | |
| Accomplishments | |
| Number of other Fishery Management Plan | 2 |
| Accomplishment Summary | |
| <p>Provided positive outreach activities to over 700 facility visitors and at 8 external educational events; provided tours to the public, colleges/universities, and other fishery professionals; presented technical information to partners at 10 conferences. These activities helped gain public support for the Service and Center.</p> | |
| Description | |
| The importance to the Resource: | |
| <p>By improving public knowledge of the Service's activities in support of natural resources the members of the public becomes advocates of the Service's activities to provide natural resources for the continuing benefit of the American People.</p> | |
| The problem: | |
| <p>Members of the public are often uninformed about Service activities thus leading to lack of support for Service programs and potential misunderstandings of the importance of the Service's work.</p> | |
| The objective: | |
| <p>To provide outreach activities to visitors (tribal, intra-Service, fishery professionals, non-</p> | |

tasks implemented for populations of management concern.

governmental organizations, the general public, etc.) the Center continues to improve the visibility of the Center and Service's Pacific Region Fisheries Program.

The *method*:

Activities included career day at elementary schools, invertebrate and water quality presentations to middle schools students, local Earth Day Celebration, Cowlitz County Fair, facility tours to the general public, state and federal partners, students (elementary, high, & community college). Also presentations at numerous technical meetings.

Further description:

ADMINISTRATION

13215-A-008 - [Mitigate for spring chinook salmon spawning grounds lost to Federal Water Projects](#)

| | | | | | |
|---|--|---|--|---|--|
| Facility | Carson National Fish Hatchery | <p>Accomplishment Summary</p> <p>Release of 1,458,217 spring chinook salmon into the Wind River, WA.</p> <p>Description</p> <p>The importance to the Resource: Critical to the outstocking of CNFH Spring Chinook salmon, especially in water inhabited by listed species such as Bull Trout.</p> <p>The problem: Eastern Brook Trout, if found incidental to fish stocked from CNFH, could result in genetic introgression with other certain salmonid species, most notably Bull Trout.</p> <p>The objective: The exclusion of Eastern Brook Trout from the CNFH water supply is the primary objective. It is necessary to ensure exclusion of Eastern Brook Trout in all of its life phases because of the danger incidental Eastern Brook Trout stocking could pose for listed species in stocked waters.</p> <p>The method: The current screen mechanism will be replaced with profile bars of such dimension so as to exclude all plife phases of Eastern Brook Trout. Adequate water passage will also be permitted with this new control device.</p> <p>Further description: Direct release of 1,458,217 Carson strain spring Chinook salmon smolts to the Wind River, Washington to mitigate for salmon</p> | | | |
| Expended | \$0 | | | | |
| Objective | Meet the Service's responsibilities for mitigating fisheries. | | | | |
| Primary Benefited Species | Chinook salmon or king salmon (Oncorhynchus tshawytscha) | | | | |
| Primary Benefited Population | Wind River spring Chinook | | | | |
| Plans | <p>Carson NFH Spring Chinook Salmon Hatchery and Genetic Management Plan</p> <p>U. S. vs OR Columbia River Fishery Management Plan (under renegotiation)</p> <p>The Service's Native American Policy</p> | | | | |
| Keyword | Restoration | | | | |
| Need Number | N-002 | | | | |
| Partners | National Oceanic and Atmospheric Administration, Fisheries (\$523217) | | | | |
| <p>Accomplishments</p> <table border="1"> <tr> <td>Number of post-stocking survival tasks met, as prescribed by Recovery plans for hatchery propagated listed species. (PART)</td> <td>1</td> </tr> <tr> <td>Number of other Fishery Management Plan tasks implemented for populations of</td> <td>2</td> </tr> </table> | | | Number of post-stocking survival tasks met, as prescribed by Recovery plans for hatchery propagated listed species. (PART) | 1 | Number of other Fishery Management Plan tasks implemented for populations of |
| Number of post-stocking survival tasks met, as prescribed by Recovery plans for hatchery propagated listed species. (PART) | 1 | | | | |
| Number of other Fishery Management Plan tasks implemented for populations of | 2 | | | | |

management concern.

spawning grounds lost to Federal Water Projects on the Columbia River. The primary goal is to provide harvest opportunities lost to Federal Water Projects. Benefits include the provision of tribal and recreational harvest opportunities which pose no threat to listed species and would not exist without this program. Also 500 eyed eggs were transferred to a local school for educational purposes.

13310-A-141 - [Information and Education Activities](#)

| | | |
|--|--|--|
| Facility | Columbia River Fisheries Program Office | <p>Accomplishment Summary</p> <p>Promoted public stewardship of fish and wildlife resources by providing Service representation to grade schools in the local area. Prepared briefings on office activities for elected officials.</p> <p>Description</p> <p>The importance to the Resource:</p> <p>The Information and Education Program promotes public stewardship of fish and wildlife resources and fosters support for conservation activities through outreach strategies.</p> <p>The objective:</p> <p>It is focused on providing the public; elected officials; media; other federal, State, and local agencies; Tribes; and non governmental organizations with current information on Columbia River Fisheries Program Office activities.</p> <p>The method:</p> <p>Local teachers are invited to spend a day in the field with project biologists. Presentations were given throughout the year to local schools. Service representation was given to Oregon and Wolfree's programs, the annual Watershed Festival, and recycled Arts festival. The office's web page was revised and updated.</p> <p>Further description:</p> <p>A new program allowing local teachers to spend a day in the field with the biologists proved successful. Two freshwater mussel workshops which were funded by a METRO greenspaces grant were hosted by the CRFPO</p> |
| Expended | \$86844 | |
| Objective | Provide support to States, Tribes, and other partners to identify and meet shared or complementary recreational fishing and aquatic education and outreach objectives. | |
| Primary Benefited Species | (0) Can Not Assign | |
| Primary Benefited Population | Not specified | |
| Plans | Pacific Region Fisheries Outreach Action Plan | |
| Keyword | Outreach | |
| Need Number | N-002 | |
| Partners | Clark County, WA Columbia Springs Environmental Education Center Environmental Information Cooperative | |
| Accomplishments | | |
| Number of population assessments completed | 10 | |
| Number of other Fishery Management Plan tasks implemented for populations of management concern. | 2 | |

| | |
|--|--|
| | <p>this past year. Presentations were given throughout the year to local schools. Service representation was given to Oregon Trout's Salmon Watch and Stream Adventures programs and Wolfree's Cascade Stream Watch and Highland Ecology programs. The office's web page was revised and updated. In partnership with the Environmental Information Cooperative, CRFPO staff help in the planning and presentations at the annual Watershed Festival. Over 900 4th and 5th graders participated in this event.</p> |
|--|--|

14220-A-006 - [Rainbow Trout \(RBT\) for Open House and National Fishing Week along with tribal and public waters.](#)

| | | |
|-------------------------------------|--|---|
| Facility | Dworshak National Fish Hatchery | <p>Accomplishment Summary</p> <p>In FY2006 Dworshak NFH produced 13,000 rainbow trout for two Open Houses and Kids Free Fishing Days.</p> <p>Description</p> <p>The <i>importance</i> to the Resource:</p> <p>The RBT provided harvest opportunities for tribal members and the general public. The RBT at Open House provided opportunity for the distribution of up-to-date, correct fishery information for the Columbia Basin and specifically for Dworshak Fisheries Complex and Dworshak National Fish Hatchery.</p> <p>The <i>problem</i>:</p> <p>Many local residents who attend Dworshak's Open House have a difficult time providing fishing opportunities for their children. This day provided the resources to allow the opportunity to take place. Mis-information about the area fisheries resources and the USFWS hatchery system has caused misunderstanding and lack of trust with local communities.</p> <p>The <i>objective</i>:</p> <p>The objectives of the RBT program at Dworshak are to generate public interest toward the fishery resource, provide information to foster a better understanding of the role of NFHs, and provide a recreational fishery for area residents.</p> <p>The <i>method</i>:</p> <p>Dworshak NFH raised 13,000 rainbow trout for its annual Open House to promote the USFWS National Fishing Week. The RBT were raised</p> |
| Expended | \$3000 | |
| Objective | Recognize and promote the value and importance of recreational fishery objectives in implementation of other Service responsibilities. | |
| Primary Benefited Species | Rainbow trout (Oncorhynchus mykiss) | |
| Primary Benefited Population | Not specified | |
| Plans | Pacific Region Fisheries Outreach Action Plan | |
| Keyword | Recreational | |
| Need Number | N-002 | |
| Partners | | |

from eyed-eggs from Ennis NFH. The rearing cycle was 16 months, at which time the fish reached approximately 12 inches in length and are stocked into ponds to provide fishing opportunities for the public.

Further description:

The Open House and Kids Free Fishing Day typically attracted 497 children, ages 12 and under, plus their parents. There were numerous displays set up to promote fishing and the Fish and Wildlife Service's mission. The event was also utilized by many partners in the area, including the US Forest Service, US Army Corps of Engineers, local Sheriffs Dept., and Friends of Northwest Hatcheries. Along with the Dworshak Open House, 4,000 fish were transferred to Kooskia NFH for their Open House the following week. Fish remaining after both Open Houses were provided to the Nez Perce Tribe, the Coeur d' Alene Tribe and Idaho Fish and Game for stocking in tribal and public waters.

Commerce
 Retired Senior
 Volunteer Program
 Soil Conservation
 District - Clearwater, Idaho,
 Latah, Lewis, Nez Perce
 counties
 U.S. Forest Service,
 Clearwater N.F.
 US Army Corps of
 Engineers
 University of Idaho
 Extension Office

management and conservation, which promotes active stewardship ethics in these rural communities. By providing tools and training to area educators, the FWS can reach a broader range of learners.

The method:

Develop, produce and implement the Regional Communications and Outreach Plan through identified tasks to reach stated objectives. Plan and conduct on and off-site education, information and outreach programs for all learning levels, via recognized interactive/interpretive methods from supplemental education, training or partnership agreements.

Further description:

Dworshak NFH Information/Education staff provide personal and non-personal services on and off-site to over 20,000 visitors, educational groups, special interest groups, and agency partners annually. I/E staff maintains statistics, reports & performs grant writing duties. Staffed or static displays are designed for on and off-site use; brochures and flyers relate current information; website provides current hatchery and fisheries resource information; guided hatchery tours are conducted by trained volunteers or staff. All programs are ADA compliant. I/E staff attend appropriate and relevant training, conferences and workshops annually. Partnerships with local, state and Federal agencies are pursued and maintained to further the goals of the I/E program . Of primary importance is the dissemination of current, accurate fisheries information for the Columbia Basin watershed, and the Pacific Region. Public involvement and development of stewardship ethics toward management of fishery resources is a top priority.

Accomplishments

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|--|---|
| Number of Friends Groups | 1 |
| Number of other Fishery Management Plan tasks implemented for populations of management concern. | 5 |

13280-A-002 - [Support of land-locked recreational fisheries - State of Idaho](#)

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|--|--|--|---|
| Facility | Eagle Creek National Fish Hatchery | <p>Accomplishment Summary</p> <p>In FY 2006 the Eagle Creek NFH provided 700,000 eyed coho salmon eggs to the Hagerman State Fish Hatchery (Idaho Department of Fish & Game) for an inland fisheries management program.</p> <p>Description</p> <p>Further description:</p> <p>The State of Idaho Department of Fish and Game provides recreational fisheries in landlocked lakes. One of their programs involves the stocking of coho salmon fingerlings into Cascade Reservoir. With a sufficient brood stock return to the hatchery during the fall of 2005, the Eagle Creek NFH was able to provide 700,000 eyed eggs without any adverse impact on mitigation or restoration programs.</p> | |
| Expended | \$2900 | | |
| Objective | Provide support to States, Tribes, and other partners to identify and meet shared or complementary recreational fishing and aquatic education and outreach objectives. | | |
| Primary Benefited Species | Coho salmon or silver salmon (Oncorhynchus kisutch) | | |
| Primary Benefited Population | Not specified | | |
| Plans | Eagle Creek NFH Coho Salmon Hatchery and Genetic Management Plan | | |
| Keyword | Recreational | | |
| Need Number | N-002 | | |
| Partners | Idaho Department of Fish and Game | | |
| <p>Accomplishments</p> <table border="1"> <tr> <td>Recovery Plan production tasks implemented (PART)</td> <td>1</td> </tr> </table> | | | Recovery Plan production tasks implemented (PART) |
| Recovery Plan production tasks implemented (PART) | 1 | | |

13280-A-008 - [Winter steelhead production to meet the mitigation program at the Eagle Creek National Fish Hatchery](#)

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|-------------------------------------|---|
| Facility | Eagle Creek National Fish Hatchery |
| Expended | \$93200 |
| Objective | Identify the mitigation responsibilities of Federal agencies related to water projects. |
| Primary Benefited Species | Rainbow trout (Oncorhynchus mykiss) |
| Primary Benefited Population | Clackamas River winter run steelhead |
| Plans | Eagle Creek NFH Winter Steelhead Hatchery and Genetic Management Plan |
| Keyword | Mitigation |
| Need Number | N-002 |
| Partners | National Marine Fisheries Service Oregon Department of Fish & Wildlife |

Accomplishment Summary

In FY 2006 the Eagle Creek NFH propagated and volitionally released 165,454 early winter steelhead smolts directly into Eagle Creek at the hatchery to meet mitigation requirements.

Description

Further description:

This project fulfills mitigation requirements under the Mitchell Act by rearing and volitionally releasing early winter steelhead trout at the Eagle Creek National Fish Hatchery.

The steelhead release in the Spring of 2006 was the second year of a density study to determine which rearing density [7,500; 15,000; or 22,500 fish/raceway] will provided the greatest adult return.

Accomplishments

| | |
|---|---|
| Recovery Plan production tasks implemented (PART) | 1 |
|---|---|

13280-A-012 - [Kid's National Fishing Day - Open House and Volunteer services](#)

| | | | |
|---|--|---|--|
| Facility | Eagle Creek National Fish Hatchery | <p>Accomplishment Summary</p> <p>Introduction of fishing to children in the greater Portland, OR area, positive public relations for the hatchery program and use of volunteer work in hatchery programs.</p> <p>Description</p> <p>Further description:</p> <p>In 2006, the staff of the Eagle Creek National Fish Hatchery partnered with the U.S. Forest Service, Oregon Department of Fish & Game and Portland General Electric to provide a Kid's Fishing Day activity at Portland General Electric's Small Fry Pond at Promitory Point on North Fork Reservoir, Clackamas River, Oregon. This activity provided a fishing opportunity for many children and an opportunity for them and their accompanying adults to participate in learning about fishing and fish native to the area.</p> <p>The second phase of the project involves the utilization of volunteers in assisting the hatchery staff to meet production goals and complete maintenance work. In FY 2006, first year fishery students at Mt. Hood Community College and retired volunteers, who live on station in their RVs, have assisted the staff with working weekends and holidays, feeding fish, spawning fish, picking eggs, pond maintenance, painting, and general yard cleanup.</p> | |
| Expended | \$6600 | | |
| Objective | Provide support to States, Tribes, and other partners to identify and meet shared or complementary recreational fishing and aquatic education and outreach objectives. | | |
| Primary Benefited Species | Rainbow trout (Oncorhynchus mykiss) | | |
| Primary Benefited Population | Not specified | | |
| Plans | Pacific Region Fisheries Outreach Action Plan | | |
| Keyword | Outreach | | |
| Need Number | N-002 | | |
| Partners | Oregon Department of Fish & Wildlife Portland General Electric U. S. Forest Service | | |
| <p>Accomplishments</p> <table border="1"> <tr> <td>Number of other Fishery Management Plan tasks implemented for populations of management concern.</td> <td>1</td> </tr> </table> | | | Number of other Fishery Management Plan tasks implemented for populations of management concern. |
| Number of other Fishery Management Plan tasks implemented for populations of management concern. | 1 | | |

13280-A-014 - [Hatchery Evaluation Team](#)

| | | |
|-------------------------------------|--|---|
| Facility | Eagle Creek National Fish Hatchery | <p>Accomplishment Summary</p> <p>Hatchery production coordination with fishery biologists and managers from multiple federal and state agencies, tribes and private sector interests.</p> <p>Description</p> <p>Further description:</p> <p>This project entails coordinating hatchery production programs and goals with multiple cooperators including the National Marine Fishery Service, Oregon Department of Fish and Wildlife, US Bureau of Land Management, US Forest Service - Mt. Hood Forest, Portland General Electric, Yakama Indian Nation, Nez Perce Indian Tribe, Clatsop Economic Development Corporation and personnel from multiple US Fish and Wildlife offices including the Portland Regional Office, Columbia River Fisheries Program Office, Lower Columbia River Fish Health Office and Abernathy Development Center.</p> <p>The hatchery initiated a working relationship with the Grand Ronde Tribe to introduce them to potential assistance from the Service for genetics and fish health work on steelhead and other fishes native to Agency Creek on their reservation.</p> |
| Expended | \$1500 | |
| Objective | Develop and improve long-term partnerships with States, Tribes, other Federal agencies, non-governmental organizations, and other Service Programs to develop collaborative conservation strategies for aquatic resources. | |
| Primary Benefited Species | Coho salmon or silver salmon (Oncorhynchus kisutch) | |
| Primary Benefited Population | Not specified | |
| Plans | <p>Eagle Creek NFH Coho Salmon Hatchery and Genetic Management Plan</p> <p>Eagle Creek NFH Winter Steelhead Hatchery and Genetic Management Plan</p> <p>The Service's Native American Policy</p> | |
| Keyword | Management | |
| Need Number | N-002 | |
| Partners | <p>Bureau of Land Management</p> <p>Confederated Tribes of the Grand Ronde</p> <p>National Marine Fisheries Service</p> <p>Nez Perce Tribe</p> <p>Oregon Department of Fish & Wildlife</p> <p>Portland General</p> | |

| | | |
|--|---|--|
| | <p>Electric U. S. Forest Service Yakama Indian Nation</p> | |
| <p>Accomplishments</p> | | |
| <p>Recovery Plan production tasks implemented (PART)</p> | <p>2</p> | |
| <p>Number of consultations conducted to support Tribal fish & wildlife conservation.</p> | <p>3</p> | |

13220-A-004 - [Outreach - Visitor Services](#)

| | | |
|-------------------------------------|--|---|
| Facility | Entiat National Fish Hatchery | <p>Accomplishment Summary</p> <p>Conducted a National Kid's Fishing Day event at the Entiat NFH. Presented Annual Open House and Kid's Fishing Day. Hosted Washington State University 4H Forestry Education Program. Improved Red Willow Trail with help from WSU 4H group. Provided rest station for bike ride sponsored by local service organizations. Provided facilities for fire use team of the Wenatchee National Forest. Provided office and storage facilities for the Mid-Columbia River Fisheries Resource Office.</p> <p>Description</p> <p>The importance to the Resource:</p> <p>Building relationships with people and fostering public understanding can help ensure a more secure future for America's fish and wildlife. Outreach activities must be designed to strengthen the relationship of the Service with citizens, educators, organizations, and other government agencies.</p> <p>The problem:</p> <p>Public outreach and communication is essential to the continuing survival of fish and wildlife species and habitats in this nation. Good communication builds understanding and helps the public make informed decisions about the future of fish and wildlife resources. The Service must provide clear and consistent messages uniformly.</p> <p>The objective:</p> <p>Objectives of effective outreach include ensuring we are building relationships with partners and decision makers; providing timely, accurate information about our decisions to concerned citizens; and providing clear</p> |
| Expended | \$0 | |
| Objective | Provide support to States, Tribes, and other partners to identify and meet shared or complementary recreational fishing and aquatic education and outreach objectives. | |
| Primary Benefited Species | Chinook salmon or king salmon (Oncorhynchus tshawytscha) | |
| Primary Benefited Population | Not specified | |
| Plans | Pacific Region Fisheries Outreach Action Plan | |
| Keyword | Outreach | |
| Need Number | N-002 | |
| Partners | <p>Chelan County Public Utility District (\$300)</p> <p>Colville Tribe</p> <p>Entiat Watershed Planning Group</p> <p>Friends of Northwest Fish Hatcheries (\$300)</p> <p>NOAA Fisheries</p> <p>Spokane Tribe</p> <p>U. S. Forest Service (\$1000)</p> <p>U.S. Bureau of Reclamation (\$5000)</p> <p>Washington Department of Fish and Wildlife</p> <p>Washington State University 4H Forestry Program (\$3000)</p> | |

Yakama Nation

Accomplishments

| | |
|--|---|
| Number of Friends Groups | 1 |
| Number of other Fishery Management Plan tasks implemented for populations of management concern. | 5 |

messages about how fish and wildlife conservation affects the quality of life for all Americans.

The method:

Effective outreach must include a very diverse, but focused, collection of relationship management methods and activities including communications, public involvement, networking, natural resource education, interpretation, special events, public meetings, presentations and cooperative outreach partnerships.

Further description:

The Entiat National Fish Hatchery held its Annual Kid's Fishing Day. This event attracts visitors from around Washington State, exposing them to basic fishing and salmon hatchery operations. The event accommodated well over 400 visitors this year. This event was held in cooperation and assistance by the Washington Department of Fish and Wildlife; Entiat Service Club. The event took place on June 10th, 2006. 4H Forestry Education Program - The Entiat NFH was a partner in a summer outdoor education program with the Washington State University Co-Op extension and the US Forest Service. Students spent one week at the hatchery making improvements to the Red Willow Trail. Conducted a hatchery Open House and a Kid's fishing day. This event attracted approximately 250 visitors. Visitors are informed about hatchery operations and viewed hatchery spawning operations. The event also allowed young people 14 and under a chance to catch trout. Thirty youngsters from the local YMCA visited the hatchery to view operations to provide local native American tribes with excess adult salmon.

14230-A-005 - [Ad Marked A-Run Steelhead Smolt Production](#)

| | |
|-------------------------------------|---|
| Facility | Hagerman National Fish Hatchery |
| Expended | \$633501 |
| Objective | Meet the Service's responsibilities for mitigating fisheries. |
| Primary Benefited Species | Rainbow trout (Oncorhynchus mykiss) |
| Primary Benefited Population | Not specified |
| Plans | Lower Snake River Compensation Plan Salmon River A-run Steelhead HGMP (IDFG) |
| Keyword | Mitigation |
| Need Number | N-002 |
| Partners | College of Southern Idaho Friends of Northwest Hatcheries Idaho Department of Fish and Game |

Accomplishments

| | |
|--|---|
| Number of Friends Groups | 1 |
| Number of Fishery Management Plan production tasks implemented (PART) | 1 |
| number of marking and tagging targets met, as prescribed by Fishery management plans. (PART) | 1 |
| Number of activities conducted to address priority pathways | 1 |

Accomplishment Summary

Distributed 868,448 Ad marked A-run Brood Year 2005 steelhead smolts into the Salmon River (tributary of the Snake River), in Idaho.

Description

The importance to the Resource:

Steelhead produced by Hagerman NFH return as adults and provide economically important fisheries to towns and cities in the lower Snake and Salmon river basins.

The problem:

Loss of steelhead runs from the construction and operation of the four Lower Snake River Dams

The objective:

Hagerman NFH produces ad marked summer steelhead trout at 4 to 5 fish per pound (8 inches) for contribution to selective marked fisheries and hatchery broodstock programs. The Hagerman NFH operates this project under the Lower Snake River Fish and Wildlife Compensation Plan (LSRCP) .

The method:

Hagerman NFH produces steelhead smolts and releases them in designated waters. The goal is to provide 13,600 adult steelhead above Lower Granite Dam (the uppermost dam).

Further description:

| | | |
|--|---|--|
| Number of activities conducted to support the management and control of aquatic invasive species | 1 | |
| Number of mitigation tasks implemented as prescribed in approved plans. (PART) | 1 | |
| Number of mitigation production tasks implemented as prescribed in approved plans. (PART) | 1 | |
| Number of applied science and technology tasks implemented as prescribed by Fishery Management Plans. (PART) | 1 | |

14230-A-009 - [Environmental Education](#)

| | |
|-------------------------------------|--|
| Facility | Hagerman National Fish Hatchery |
| Expended | \$5000 |
| Objective | Provide support to States, Tribes, and other partners to identify and meet shared or complementary recreational fishing and aquatic education and outreach objectives. |
| Primary Benefited Species | Rainbow trout (Oncorhynchus mykiss) |
| Primary Benefited Population | Not specified |
| Plans | Pacific Region Fisheries Outreach Action Plan |
| Keyword | Outreach |
| Need Number | N-002 |
| Partners | College of Southern Idaho Friends of Northwest Hatcheries Idaho Department of Fish and Game |

Accomplishments

| | |
|--|---|
| Number of Friends Groups | 1 |
| Number of other Fishery Management Plan tasks implemented for populations of management concern. | 3 |
| Number of activities conducted to | 1 |

Accomplishment Summary

A total of 350 Adults and children participated in a free fishing day event; 712 students in four school districts participated in classroom sessions & viewed educational exhibits. The hatchery conducted organized tours for 26 groups with 1,351 people and had 4562 registered visitors. The Hatchery also developed briefing documents relevant to its declining water supply and water rights for the Service leadership and Congressional staff

Description

The importance to the Resource:

Information presented through these efforts gives the opportunity for the public to gain knowledge, appreciation, and understanding of the importance of aquatic and other natural resources to healthy ecosystems and improved quality of life.

The problem:

Increasing population and urbanization has resulted in numerous Americans losing touch with the natural environment and having a lack of understanding of a healthy conservation ethic. Americans need to understand the consequences of the their actions on the environment and our natural resources.

The objective:

Provide knowledge to the public so they can make informed decisions as it relates to the environment.

The method:

Hatchery staff Partnered with local, state ,and NGO entities to provide information to the

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|--|-------|
| address priority pathways | |
| Number of activities conducted to support the management and control of aquatic invasive species | 1 |
| Number of visitors to service facilities. | 15000 |
| Number of aquatic outreach and education activities. | 6 |

public relevant to natural resources conservation.

Further description:

The Project Leader partnered with the Idaho Aquaculture Association and the Thousand Springs Water Users Association to brief Senator Crapo and his staff on water supply issues relevant to the Eastern Snake Plain Aquifer. This briefing specifically addressed the Hatchery's declining water supply and the potential impact this will have on achieving steelhead mitigation goals.

During National Fishing Week the Hatchery co-sponsored a Free Fishing Day event with Hagerman State Fish Hatchery - IDFG staff. The Hatchery partnered with the Hagerman Fossil Beds National Monument, NPS, to man an information both at the Twin Falls County Fair. The Hatchery also participated in the College of Southern Idaho Science Expo, the Boise Sportsman Show and the Jerome public library reading program. The Hatchery utilized 6 volunteers for various projects.

Full time Hatchery Hosts spent 464 hours this summer meeting and greeting guests.

Hatchery staff presented the Buhl Rotary club with an hour long presentation on the operations of the Hatchery.

14226-A-121 - [Visitor Out reach](#)

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|-------------------------------------|---|--|
| Facility | Idaho Fish Health Center | <p>Accomplishment Summary</p> <p>Provide opportunity for volunteers to get field experience and learn something about fish health</p> <p>Description</p> <p>Further description:</p> <p>We have volunteers work during the summer, primarily, to assist with field work and laboratory work. These volunteers are often students but also have been members of the community who want a different experience.</p> |
| Expended | \$2000 | |
| Objective | Provide support to States, Tribes, and other partners to identify and meet shared or complementary recreational fishing and aquatic education and outreach objectives. | |
| Primary Benefited Species | Rainbow trout (Oncorhynchus mykiss) | |
| Primary Benefited Population | North Fork Clearwater River | |
| Plans | <p>National Wild Fish Health Survey</p> <p>U. S. vs OR Columbia River Fishery Management Plan (under renegotiation)</p> <p>U.S. Fish and Wildlife Service National Aquatic Animal Health Policy</p> | |
| Keyword | Fish Health | |
| Need Number | N-002 | |
| Partners | | |

14235-A-001 - [Production of spring Chinook salmon](#)

| | | | | | |
|--|---|--|---|---|--|
| Facility | Kooskia National Fish Hatchery | <p>Accomplishment Summary</p> <p>Kooskia NFH produced 637,333 spring Chinook salmon smolts for release to the Clearwater River, ID.</p> <p>Description</p> <p>The importance to the Resource:</p> <p>Kooskia NFH contributes spring Chinook salmon to assist with run rebuilding and to replace lost fisheries.</p> <p>The problem:</p> <p>The Clearwater River Spring Chinook Salmon were lost due to water development projects in the Snake and Columbia River basins.</p> <p>The objective:</p> <p>The goal of the production program is to produce 600,000 spring Chinook smolts for release into the Clearwater River.</p> <p>The method:</p> <p>These smolts are reared using standard fish cultural methods.</p> | | | |
| Expended | \$132394 | | | | |
| Objective | Restore declining fish and other aquatic resource populations before they require listing under the Endangered Species Act. | | | | |
| Primary Benefited Species | Chinook salmon or king salmon (Oncorhynchus tshawytscha) | | | | |
| Primary Benefited Population | Not specified | | | | |
| Plans | Kooskia National Fish Hatchery HGMP | | | | |
| Keyword | Fish Technology | | | | |
| Need Number | N-002 | | | | |
| Partners | | | | | |
| <p>Accomplishments</p> <table border="1"> <tr> <td>Number of Fishery Management Plan production tasks implemented (PART)</td> <td>1</td> </tr> <tr> <td>number of marking and tagging targets met, as prescribed by Fishery management plans. (PART)</td> <td>1</td> </tr> </table> | | | Number of Fishery Management Plan production tasks implemented (PART) | 1 | number of marking and tagging targets met, as prescribed by Fishery management plans. (PART) |
| Number of Fishery Management Plan production tasks implemented (PART) | 1 | | | | |
| number of marking and tagging targets met, as prescribed by Fishery management plans. (PART) | 1 | | | | |

14235-A-002 - [Collection of spring Chinook salmon adults at Kooskia NFH](#)

| | |
|-------------------------------------|---|
| Facility | Kooskia National Fish Hatchery |
| Expended | \$56853 |
| Objective | Restore declining fish and other aquatic resource populations before they require listing under the Endangered Species Act. |
| Primary Benefited Species | Chinook salmon or king salmon (Oncorhynchus tshawytscha) |
| Primary Benefited Population | Not specified |
| Plans | Kooskia National Fish Hatchery HGMP National Broodstock Policy and Implementation Guidelines |
| Keyword | Fish Technology |
| Need Number | N-002 |
| Partners | |

Accomplishments

| | |
|--|---|
| Number of applied science and technology tasks implemented as prescribed by Fishery Management Plans. (PART) | 1 |
|--|---|

Accomplishment Summary

There were 670 spring Chinook adults collected at the Kooskia NFH wier in the spring/summer of 2006. Of those 670 fish, 30 were naturals passed above the weir and 640 were hauled to Dworshak NFH for spawning. The adults kept for broodstock will produce aproximately 650,000 green eggs.

Description

The importance to the Resource:

Kooskia NFH contributes spring Chinook salmon to assist with run rebuilding and to replace lost fisheries.

The problem:

The Clearwater River Spring Chinook Salmon were lost due to water development projects in the Snake and Columbia River basins.

The objective:

The goal of the adult collection is to obtain 600 adult spring Chinook salmon for broodstock.

The method:

Adults are collected in Clear Creek using a picket wier. All unmarked Chinook are passed upstream of the wier to provide natural spawning in Clear Creek.

14235-A-003 - [Kooskia NFH Information & Education Program](#)

| | | |
|-------------------------------------|---|--|
| Facility | Kooskia National Fish Hatchery | <p>Accomplishment Summary</p> <p>Promote public awareness and generate support for hatchery/FWS programs by providing accurate, relevant and current anadromous fisheries information. Partner with local, state, Federal and Tribal entities to coordinate annual natural resource education events on and off-site. Promote the cultural history of the area through co-management of the hatchery, and Looking Glass/Mill Pond Interpretive Trail.</p> <p>Description</p> <p>The importance to the Resource:</p> <p>The primary goal of the I/E program is to provide clear, concise descriptions of natural and cultural resources and the role FWS plays in their management. This increased knowledge enables our publics to take an active role in the decision-making process for resource management and conservation. An educated public is more aware and responsible.</p> <p>The problem:</p> <p>In rural Idaho, much of the population have no more than an elementary school education, and have prejudice against the Government in any form. Resource education programs from agencies are often met with resistance, apprehension and resentment. This is a common bias exhibited among many school-age children in North Idaho.</p> <p>The objective:</p> <p>The priorities are to: 1). provide accurate and current anadromous fishery data to the public 2). promote stewardship of these fishery resources</p> |
| Expended | \$5500 | |
| Objective | Provide support to States, Tribes, and other partners to identify and meet shared or complementary recreational fishing and aquatic education and outreach objectives. | |
| Primary Benefited Species | Chinook salmon or king salmon (Oncorhynchus tshawytscha) | |
| Primary Benefited Population | Not specified | |
| Plans | Pacific Region Fisheries Outreach Action Plan | |
| Keyword | Outreach | |
| Need Number | N-002 | |
| Partners | <p>Friends of Northwest Hatcheries (\$1000)</p> <p>Idaho Department of Fish and Game (\$350)</p> <p>Idaho State Lewis/Clark Trail Committee (\$500)</p> <p>National Park Service (\$250)</p> <p>Nez Perce National Historic Trail Foundation (\$200)</p> <p>Nez Perce Tribe (\$250)</p> <p>U.S. Forest Service, Lochsa District (\$500)</p> <p>backcountry horsemen (\$100)</p> <p>communities creating connections (\$100)</p> <p>kooskia chamber of</p> | |

| | | |
|--|------------------|--|
| | commerce (\$150) | 3). support the objectives of Regional and National FWS mission. |
| Accomplishments | | The <i>method</i>: |
| Number of Friends Groups | 1 | Active outreach in schools, communities and onsite. Promote annual Kid's Fishing Day with area partner agencies/organizations that staff booths. Promote the site in Scenic Byway and cultural tourism publications, media. Partner with local, state and Federal, Tribal entities to provide effective outreach and onsite grounds maintenance. |
| Number of other Fishery Management Plan tasks implemented for populations of management concern. | 6 | |

13225-A-028 - [Outreach-Visitor Services and Public Use](#)

| | | |
|-------------------------------------|--|---|
| Facility | Leavenworth National Fish Hatchery | <p>Accomplishment Summary</p> <p>LNFH served 135,500 visitors in 2005, completed a visitor center, led special uses and educational programs as Salmon Fest, Summer Theater, nature trail and Cascade Discovery Alternative High School.</p> <p>Description</p> <p>The importance to the Resource:</p> <p>Building relationships with people and fostering public understanding can help ensure a more secure future for America's fish and wildlife. Outreach activities must be designed to strengthen the relationship of the Service with citizens, educators, organizations, and other government agencies.</p> <p>The problem:</p> <p>Public outreach and communication is essential to the continuing survival of fish and wildlife species and habitats in this nation. Good communication builds understanding and helps the public make informed decisions about the future of fish and wildlife resources. The Service must provide clear and consistent messages uniformly.</p> <p>The objective:</p> <p>Objectives of effective outreach include ensuring we are building relationships with partners and decision makers; providing timely, accurate information about our decisions to concerned citizens; and providing clear messages about how fish and wildlife conservation affects the quality of life for all Americans.</p> <p>The method:</p> |
| Expended | \$0 | |
| Objective | Provide support to States, Tribes, and other partners to identify and meet shared or complementary recreational fishing and aquatic education and outreach objectives. | |
| Primary Benefited Species | Chinook salmon or king salmon (Oncorhynchus tshawytscha) | |
| Primary Benefited Population | Not specified | |
| Plans | Pacific Region Fisheries Outreach Action Plan | |
| Keyword | Outreach | |
| Need Number | N-002 | |
| Partners | Barn Beach Reserve (\$3200) Bonneville Power Admin. (\$4900) Cascade School District (\$4500) Cashmere School District (\$1200) Chelan County Conservation District (\$4100) Chelan Public Utility Department (\$25900) Columbia River Media Group (\$2200) Colville Tribe (\$3000) Friends of Northwest Hatcheries (\$42250) Iccle Chapter Trout | |

Unlimited (\$3100)
 Icicle Fund (\$5500)
 Leavenworth Chamber
 of Commerce (\$500)
 Leavenworth Winter
 Sports Club (\$2000)
 North Central Wa.
 Audubon (\$1600)
 North Central
 Washington Educational
 Service District (\$500)
 U. S. Forest Service
 (\$44500)
 U.S. Bureau of
 Reclamation (\$350000)
 WSU 4-H Forestry
 Program (\$4200)
 Washington State Parks
 and Recreation Commission
 (\$1600)
 Washington State
 University (\$3500)
 Wenatchee World
 (\$12250)
 Yakima Indian Nation
 (\$2200)

Effective outreach must include a very diverse, but focused, collection of relationship management methods and activities including communications, public involvement, networking, natural resource education, interpretation, special events, public meetings, presentations and cooperative outreach partnerships.

Further description:

The Leavenworth NFH Information & Education Outreach Department has a highly developed environmental education and interpretation program. Visitor services include guided and self-guided hatchery tours, school programs, numerous community special events, the Wenatchee River Salmon Festival, horse & sleigh rides, Leavenworth Summer Theatre, Open Houses, The Spawn Shop natural resource gift store, outdoor viewing aquarium, and more. The goal of the public use program is to provide high quality natural resource education in a multi-disciplinary hands-on way. Promoting conservation education and partnerships is a top priority in the work of the USFWS. The Leavenworth Visitor Services and Public Use program achieves regional and national mandated outreach objectives. The non-profit Friends of Northwest Hatcheries is the primary community-based support group that provides necessary resources for hatchery outreach and operations' programs.

""Kids in the Creek"", Watershed Watchers, Cascade Discovery High School, nature trails, teacher workshops, multi-media programs and special community uses make up this comprehensive program. Internal and external customer service are top priorities.

Accomplishments

| | |
|--|----|
| Number of Friends Groups | 1 |
| Number of other Fishery Management Plan tasks implemented for populations of management concern. | 20 |

13230-A-106 - [Public Outreach and Environmental Education at the Little White Salmon/Willard NFH Complex](#)

| | | |
|-------------------------------------|---|--|
| Facility | Little White Salmon National Fish Hatchery | <p>Accomplishment Summary</p> <p>Completed public outreach activities to reinforce the leadership role of the hatchery in addressing Columbia River fishery issues, informing the public about the importance of fish and wildlife resource conservation, and providing educational opportunities to teach future generations about the importance of salmon in the Pacific Northwest.</p> <p>Description</p> <p>The importance to the Resource:</p> <p>An informed public will support U.S. Fish & Wildlife Service programs that are responsible for the conservation of Pacific Northwest fish and wildlife resources.</p> <p>The problem:</p> <p>The public is easily confused by the multi-agency effort to conserve fisheries of the Pacific Northwest. This often results in mistaken identity of the principal conservation agency. There has been a reduction in support of traditional fishery mitigation programs and an unrecognized role the Service has in hatchery reform/recovery efforts.</p> <p>The objective:</p> <p>Inform the public, elected officials, and partners of the benefits of Service operated hatcheries and their programs that ultimately lead to the conservation of fish and wildlife resources for the benefit of everyone.</p> <p>The method:</p> <p>Encourage public visitation at the Little White Salmon/Willard NFH Complex for education</p> |
| Expended | \$85398 | |
| Objective | Provide support to States, Tribes, and other partners to identify and meet shared or complementary recreational fishing and aquatic education and outreach objectives. | |
| Primary Benefited Species | Chinook salmon or king salmon (Oncorhynchus tshawytscha) | |
| Primary Benefited Population | Little White Salmon River Spring Chinook | |
| Plans | Pacific Region Fisheries Outreach Action Plan Comprehensive Hatchery Management Plan- Little White NFH Complex | |
| Keyword | Outreach | |
| Need Number | N-002 | |
| Partners | Bonneville Power Administration Chenoweth Forest and Farm Conservancy Columbia Land Trust Confederated Tribes of the Umatilla Indian Reservation County of Skamania Grant County Public Utility District National Oceanic and Atmospheric Administration, Fisheries National Oceanic and | |

Atmospheric Administration,
 Mitchell Act
 Oregon Department of
 Fish and Wildlife
 U.S. Army Corps of
 Engineers
 Washington Department
 of Fish and Wildlife
 Washington Department
 of Natural Resources
 World Steward
 Yakama Indian Nation

and to disseminate information regarding the
 role of the Service in fish and wildlife
 conservation. Use hatchery staff at off-site
 venues to address public, educational, and
 leadership organizations and inform them of
 the Service mission and hatchery program.

Further description:

The hatchery Complex continues to be the
 destination for a number of educational and
 leadership organization tours including nine
 school groups, two educational job shadows,
 and an off-site presentation to the Washington
 Agriculture and Forestry Leadership program
 including instruction of "Fish 101" on Columbia
 River issues at the groups Columbia River
 Seminar. Numerous partner meetings were
 held to help build support between the
 hatchery and NOAA-Fisheries, Grant Co. PUD,
 Chenoweth Forest & Farm Conservancy,
 Columbia Land Trust, WDFW Habitat and
 Enforcement divisions, and with
 representatives of the Yakama Nation. In
 addition, City Scene TV spent a day at the
 hatchery filming a segment for "Northwest
 Style" emphasizing the hatchery "who we are
 and what we do" and how staff work
 contributes to a quality lifestyle in the Pacific
 Northwest. The hatchery underwater webcam
 is extremely popular with the web-browsing
 public. Staff continue to demonstrate that
 hatcheries can conserve habitat too. Work with
 partners continues toward the development of
 an upland habitat management plan to
 complement an existing effort on adjacent,
 private lands.

Accomplishments

| | |
|--|------|
| Number of other Fishery Management Plan tasks implemented for populations of management concern. | 11 |
| Number of visitors to service facilities. | 5000 |
| Number of aquatic outreach and education activities. | 24 |

13231-A-013 - [Outreach for the Lower Columbia River Fish Health Center and Gorge Hatcheries](#)

| | | |
|-------------------------------------|---|--|
| Facility | Lower Columbia River Fish Health Center | <p>Accomplishment Summary</p> <p>Educated students, interagency personnel and the public on fish health issues through classes, tours, website and services of Information/Education officer.</p> <p>Description</p> <p>The importance to the Resource:</p> <p>The Lower Columbia River Fish Health Center (FHC) helps educate the public, students and agency folks about fish issues and the environment through classes, tours of the lab, public talks and a website.</p> <p>The problem:</p> <p>Public awareness and knowledge of the nation's aquatic resources remains a challenge to the USFWS and other agencies.</p> <p>The objective:</p> <p>The USFWS takes great care to ensure that the fish reared at their hatcheries are healthy and the Fish Health Center is responsible for overseeing this issue, and helps promote this to the public.</p> <p>The method:</p> <p>The FHC, along with the Gorge Hatchery's Information and Education Officer, work with students and public. Students are instructed in the techniques of necropsy, bacteriology, virology, parasitology and DNA technology. Center personnel also demonstrate fish health techniques and fish biology to high school students here and at the hatcheries.</p> <p>Further description:</p> |
| Expended | \$13450 | |
| Objective | Recognize and promote the value and importance of recreational fishery objectives in implementation of other Service responsibilities. | |
| Primary Benefited Species | Chinook salmon or king salmon (Oncorhynchus tshawytscha) | |
| Primary Benefited Population | White Salmon River fall run (tule) Chinook | |
| Plans | Pacific Region Fisheries Outreach Action Plan | |
| Keyword | Outreach | |
| Need Number | N-002 | |
| Partners | <p>Confederated Tribes of The Warm Springs Mt. Hood Community College Oregon Department of Fish and Wildlife U. S. Forest Service U.S. Geological Survey, Columbia River Research Lab Washington Department of Fish and Wildlife Yakama Indian Nation</p> | |
| Accomplishments | | |

| | | |
|--|-----|---|
| Number of other Fishery Management Plan tasks implemented for populations of management concern. | 5 | <p>The Lower Columbia River Fish Health Center helps educate the public, students and agency folks about fish issues and the environment through classes, tours of the lab, public talks and a website. The USFWS takes great care to ensure that the fish reared at their hatcheries are healthy and the Fish Health Center is responsible for overseeing this issue, and helps promote this to the public. Yearly, students from the Fishery Internship at Mt. Hood Community College are instructed in the techniques of necropsy, bacteriology, virology, parasitology and DNA technology. Center personnel also demonstrate fish health techniques and fish biology to high school students here and at the hatcheries. Personnel help at Carson NFH Kid's Fishing Day to promote recreational fishing and stewardship of the environment. Outreach is achieved by the Center's personnel and through an Information and Education Officer who is shared with Spring Creek and Carson National Fish Hatcheries. And in FY05, a formal dedication and tour was held to celebrate the newly constructed facility designed for fish health technology. The public, USFWS personnel and retirees, the Assistant Director of Fish & Habitat Conservation and others were in attendance.</p> |
| Number of visitors to service facilities. | 200 | |
| Number of aquatic outreach and education activities. | 10 | |

13295-A-023 - [Introduction to Fish Health - Course coordination and instruction](#)

| | |
|-------------------------------------|--|
| Facility | Olympia Fish Health Center |
| Expended | \$3500 |
| Objective | Provide employees with opportunities to maintain competencies in the expanding knowledge and technologies needed to improve opportunities for professional achievement, advancement and recognition. |
| Primary Benefited Species | (0) Can Not Assign |
| Primary Benefited Population | Not specified |
| Plans | |
| Keyword | Outreach |
| Need Number | N-002 |
| Partners | Abernathy Fish Technology Center Northwest Indian Fisheries Commission USFWS National Conservation Training Center Washington Department of Fish and Wildlife |

Accomplishments

| | |
|--|---|
| Number of applied aquatic scientific and technologic tools shared with partners. | 1 |
|--|---|

Accomplishment Summary

Training and outreach for 18 fisheries professionals from various agencies was completed which gave them basic knowledge of fish diseases, diagnosis, and control.

Description

The importance to the Resource:

Training in basic fish health practices helps hatcheries and fisheries professionals identify and control diseases that are critical to conservation and survival of fishery resources.

The problem:

Basic fish health information needs to get to workers in fisheries stations.

The objective:

Deliver basic fish health information to practitioners and workers in the field of fisheries.

The method:

Deliver a one week course in "Introduction to Fish Health"

Further description:

"Introduction to Fish Health" is a one week course completed in cooperation with the National Conservation Training Center (NCTC) as course FIS 1150. OFHC utilizes local fish health experts from our staff, the Northwest Indian Fisheries Commission, and Abernathy Technology Center to inform and train other fisheries and hatchery staff on the prevention, diagnosis and control of fish diseases found in the Western Region of the USFWS.

13245-A-010 - [Outreach Activities](#)

| | |
|-------------------------------------|--|
| Facility | Quilcene National Fish Hatchery |
| Expended | \$19042 |
| Objective | Provide support to States, Tribes, and other partners to identify and meet shared or complementary recreational fishing and aquatic education and outreach objectives. |
| Primary Benefited Species | Coho salmon or silver salmon (Oncorhynchus kisutch) |
| Primary Benefited Population | Puget Sound/Strait of Georgia ESU |
| Plans | Pacific Region Fisheries Outreach Action Plan |
| Keyword | Outreach |
| Need Number | N-002 |
| Partners | |

Accomplishments

| | |
|--|------|
| Number of other Fishery Management Plan tasks implemented for populations of management concern. | 3 |
| Number of visitors to service facilities. | 1000 |
| Number of aquatic outreach and education activities. | 5 |
| Number of training session to support Tribal fish & wildlife conservation. | 1 |
| Number of techniques and culture technology tools developed. | 1 |

Accomplishment Summary

Employees made 5 presentations to schools, and participated in the Leavenworth NFH Salmon Festival. Quilcene National Fish Hatchery website was completed. Ordered new hatchery entrance sign. There were nine volunteers including a couple in a new camp host program at Quilcene NFH. This enabled the hatchery to be open for tours during summer weekends and provide help with organization of outreach materials, displays, grounds maintenance. 1,000 visitors visited the hatchery

Description

The importance to the Resource:

Discussion with a variety of groups on the importance and role that we all have in protection of the resources and environment.

The problem:

Expand the knowledge of the role of hatcheries and how we can make a difference working together.

Create new website, and camp host program.

Hatchery entrance sign deteriorated (wood rotten).

The objective:

Opportunity to discuss the Fisheries Program, the life history of salmon , show fish spawning techniques, and environmental issues concerning fish with a variety of groups. Expand the knowledge of the role of hatcheries and how we can make a difference working together.

| | |
|--|--|
| | <p>The <i>method</i>:</p> <p>Employees conduct station tours, make presentation at schools, attend public meetings and speak with special interest groups.</p> <p>Further description:</p> <p>Made many presentations to groups: local schools, general public, visiting government employees, tribal members, and scouts. Participated in Leavenworth National Fish Hatchery's "National Fishing Week" activities. Volunteers also participated at their event. Provide facility for "Special Emphasis Patrol" to Washington State Game Agents for temporary headquarters and quarters, during silver salmon adult fish returns. This is usually a one month period from September to October. This cooperation between State and Federal agencies protects a Threatened species of salmon, the Hood Canal summer chum salmon</p> |
|--|--|

13250-A-016 - [Quinault National Fish Hatchery Outreach Activities](#)

| | |
|-------------------------------------|---|
| Facility | Quinault National Fish Hatchery |
| Expended | \$6000 |
| Objective | Provide fish for Tribal resource management. |
| Primary Benefited Species | Coho salmon or silver salmon (Oncorhynchus kisutch) |
| Primary Benefited Population | Not specified |
| Plans | Pacific Region Fisheries Outreach Action Plan |
| Keyword | Outreach |
| Need Number | N-002 |
| Partners | Quinault Indian Nation |

Accomplishments

| | |
|--|------|
| Number of other Fishery Management Plan tasks implemented for populations of management concern. | 3 |
| Number of visitors to service facilities. | 3576 |
| Number of aquatic outreach and education activities. | 2 |

Accomplishment Summary

Quinault NFH continued its goal of providing quality outreach activities for the visiting public and students of educational programs. Volunteers contributed 1600 hours of time providing tours and assistance to hatchery operations.

Description

The importance to the Resource:

Volunteers assist fish hatchery personnel with tours of the facility, spawning operations, egg care, fish culture, Kid's Fishing Day, light maintenance, and cleaning of public facilities.

The problem:

Due to continued and anticipated budget and staffing deficits, volunteers have become essential in efficient operation of the hatchery and for informing publics of the hatchery, regional and agency missions.

The objective:

Quinault National Fish Hatchery welcomes approximately 3,500 tourists annually. The staff and, primarily volunteers, offer and conduct tours, provide outreach materials and structures in order to accommodate the visiting public.

The method:

Station volunteers are recruited, interviewed and invited to participate in daily outreach activities at the facility. Their primary roles is to provide quality visits to the public via tours and information. Volunteers also maintain areas accessed by the public, restrooms, gardens and brochures.

13250-A-023 - [Visitor and Volunteer Outreach Program](#)

| | | | | | | | |
|---|--|--|--|---|---|------|--|
| Facility | Quinault National Fish Hatchery | <p>Accomplishment Summary</p> <p>Description</p> <p>The importance to the Resource:</p> <p>The role of volunteers contributes to the overall operations of service fish hatcheries. Their contribution in time helps relieve manpower shortfalls. They assist with spawning operations and with greeting and informing visitors.</p> <p>The problem:</p> <p>Outreach is an important facet of the service's obligation to the visiting public. Outreach requires significant amounts of manhours to provide quality information.</p> <p>The objective:</p> <p>Our visitor and volunteer outreach program is being developed to improve the quality of information that we provide to the public. We provide mobile trailer hooks-ups so that we can recruit volunteers that will be available several days a week.</p> <p>The method:</p> <p>Provide funds to attract and keep competent volunteers. Maintain living areas to maintain the morale of said volunteers. Recruit teenaged students to participate in hatchery operations. Remodel Visitor Center.</p> | | | | | |
| Expended | \$22205 | | | | | | |
| Objective | Provide support to States, Tribes, and other partners to identify and meet shared or complementary recreational fishing and aquatic education and outreach objectives. | | | | | | |
| Primary Benefited Species | Coho salmon or silver salmon (Oncorhynchus kisutch) | | | | | | |
| Primary Benefited Population | Not specified | | | | | | |
| Plans | Pacific Region Fisheries Outreach Action Plan | | | | | | |
| Keyword | Outreach | | | | | | |
| Need Number | N-002 | | | | | | |
| Partners | Quinault Indian Nation | | | | | | |
| <p>Accomplishments</p> <table border="1"> <tr> <td>Number of other Fishery Management Plan tasks implemented for populations of management concern.</td> <td>3</td> </tr> <tr> <td>Number of visitors to service facilities.</td> <td>3000</td> </tr> <tr> <td>Number of aquatic outreach and education activities.</td> <td>1</td> </tr> </table> | | | Number of other Fishery Management Plan tasks implemented for populations of management concern. | 3 | Number of visitors to service facilities. | 3000 | Number of aquatic outreach and education activities. |
| Number of other Fishery Management Plan tasks implemented for populations of management concern. | 3 | | | | | | |
| Number of visitors to service facilities. | 3000 | | | | | | |
| Number of aquatic outreach and education activities. | 1 | | | | | | |

13255-A-011 - [Outreach Activities](#)

| | | |
|-------------------------------------|---|--|
| Facility | Spring Creek National Fish Hatchery | <p>Accomplishment Summary</p> <p>Personal services provided to approx. 14,000 general public and educational groups on and off-site. Non-personal contacts through displays, brochures and self-guided tours approx. 10,000/yr.</p> <p>Description</p> <p>The <i>importance</i> to the Resource:</p> <p>The Columbia Gorge I/E program disseminates current fisheries information for the Columbia Basin. Public involvement and development of stewardship ethics toward management of fishery resources is a priority. We promote stewardship of fishery resources; support the FWS mission to provide accurate and current anadromous fish data to the public.</p> <p>The <i>problem</i>:</p> <p>There is a lack of adequate education and information to the public about current salmon issues and hatchery roles in mitigating for hydroelectric projects on the Columbia River. Historically, hatcheries have not had as active a role in outreach and education, hence a need for more outreach about FWS, salmon issues and hatchery roles.</p> <p>The <i>objective</i>:</p> <p>To educate and inform the general public about current salmon issues in the Columbia Basin, the role that hatcheries play in mitigating for lost habitat due to hydroelectric projects on the Columbia River and how hatcheries programs are involve in restoration supplementation and recovery of listed and species of concern..</p> <p>The <i>method</i>:</p> |
| Expended | \$73500 | |
| Objective | Develop and improve long-term partnerships with States, Tribes, other Federal agencies, non-governmental organizations, and other Service Programs to develop collaborative conservation strategies for aquatic resources. | |
| Primary Benefited Species | Chinook salmon or king salmon (Oncorhynchus tshawytscha) | |
| Primary Benefited Population | Not specified | |
| Plans | Comprehensive Hatchery Management Plan - Spring Creek NFH Pacific Region Fisheries Outreach Action Plan | |
| Keyword | Outreach | |
| Need Number | N-002 | |
| Partners | <p>Friends of Northwest Hatcheries</p> <p>National Marine Fisheries Service</p> <p>Oregon Department of Fish and Wildlife</p> <p>U. S. Forest Service</p> <p>U.S. Army Corps of Engineers</p> <p>U.S. Geological Survey</p> <p>Washington Department of Fish and Wildlife</p> <p>White Salmon River</p> | |

Watershed Group
 Wind-surfing Association
 Yakama Indian Nation

Accomplishments

| | |
|--|----|
| Number of Friends Groups | 1 |
| Number of other Fishery Management Plan tasks implemented for populations of management concern. | 10 |

Outreach is accomplished through websites, displays, brochures, special events, formal programs, environmental education programs, interagency coordination for outreach initiatives, and teacher workshops. I/E staff attend training to improve outreach skills to present the latest information on natural, cultural and historical resources.

Further description:

The Columbia Gorge I/E program consists of 1 full time employee and 1 AmeriCorps Volunteer and services the Carson & Spring Creek NFH and the Lower Columbia Fish Health Center. Priorities include: providing accurate and current anadromous fish data to the public and outside support groups, promoting stewardship of fishery resources, and supporting the objectives of the FWS mission, emphasizing the Columbia Basin watershed. I/E provides FWS fishery program information and support through tours, formal programs, special events, hatchery project support, websites, temporary/permanent displays, brochures/leaflets, and interagency coordination for outreach & educational initiatives in local communities. The education program provides salmon education to nearly all Washington 4th grade classrooms in the mid-Columbia region. I/E staff provide teacher workshops, coordinate with state, Federal, and Tribal agencies to develop education and outreach programs for area students on and off site; attend relevant training/workshops annually to improve outreach skills and present the latest information on natural, cultural, and historical resources.

13320-A-004 - [Outreach and Inreach Activities of the Western Washington Office's Fisheries Program](#)

| | | | | | |
|--|--|---|---|---|--|
| Facility | Western Washington Fisheries Resource Office | <p>Accomplishment Summary</p> <p>We conducted outreach and inreach activities with Service staff, external partners, and professional organizations. These activities included four professional presentations on salmon ecology at the Western Division and National Meetings of the American Fisheries Society (AFS), publication of an AFS paper on "best available science" in fisheries and environmental science, and preparation of a brochure that explains marking and tagging at the Olympic Peninsula National Fish Hatcheries.</p> <p>Description</p> <p>The importance to the Resource:</p> <p>We conducted a variety of outreach and inreach activities in FY 2006 to enhance understanding and improve support of the Western Washington Fisheries program.</p> <p>The problem:</p> <p>The Service needs to foster support for Fisheries Program activities to achieve resource conservation.</p> <p>The objective:</p> <p>Increase public support for the Service's Fisheries Program in western Washington.</p> <p>The method:</p> <p>We participated in professional society activities and developed an outreach brochure describing marking and tagging at the Olympic Peninsula National Fish Hatcheries.</p> <p>Further description:</p> | | | |
| Expended | \$65000 | | | | |
| Objective | Provide support to States, Tribes, and other partners to identify and meet shared or complementary recreational fishing and aquatic education and outreach objectives. | | | | |
| Primary Benefited Species | Chinook salmon or king salmon (Oncorhynchus tshawytscha) | | | | |
| Primary Benefited Population | Not specified | | | | |
| Plans | Shared Strategy for Puget Sound and Recovery Plan, Draft | | | | |
| Keyword | Outreach | | | | |
| Need Number | N-002 | | | | |
| Partners | American Fisheries Society Puget Sound Treaty Tribes Washington Department of Fish and Wildlife | | | | |
| <p>Accomplishments</p> <table border="1"> <tr> <td>Number of other Recovery Plan tasks implemented for T&E populations</td> <td>1</td> </tr> <tr> <td>Number of aquatic outreach and education activities.</td> <td>4</td> </tr> </table> | | | Number of other Recovery Plan tasks implemented for T&E populations | 1 | Number of aquatic outreach and education activities. |
| Number of other Recovery Plan tasks implemented for T&E populations | 1 | | | | |
| Number of aquatic outreach and education activities. | 4 | | | | |

13320-A-038 - [Chehalis Fisheries Restoration Program - Chehalis Basin Education Consortium](#)

| | | |
|-------------------------------------|--|--|
| Facility | Western Washington Fisheries Resource Office | <p>Accomplishment Summary</p> <p>Five counties, 14 school districts, and over 800 schoolchildren participate in this partnership which fosters stewardship of the Chehalis Basin through environmental education by linking Washington's learning standards to community and environmental issues that are part of the watershed. Schoolchildren, teachers, and community volunteers will install 12,500 feet of riparian fencing to exclude livestock and plant riparian trees and shrubs along 3 miles of stream.</p> <p>Description</p> <p>The importance to the Resource:</p> <p>The Chehalis Basin is the second largest in Washington. It has unlisted stocks of Chinook, coho and chum salmon and cutthroat and steelhead trout. These resources are important for sport and commercial, tribal, and interjurisdictional fisheries. The lower Chehalis Basin is designated foraging, migration, and overwintering habitat for bull trout.</p> <p>The problem:</p> <p>Numerous habitat degradations have caused a decline in Chehalis Basin salmonid populations. Past agricultural practices have degraded riparian vegetation within the riparian zone of the project area. This has diminished the fisheries opportunities and economic benefits for all users and the rural communities that depend on them.</p> <p>The objective:</p> <p>Increase environmental awareness to schoolchildren within the Chehalis Basin. Re-establish a native riparian plant community along 3 miles of the Chehalis River streams to</p> |
| Expended | \$37561 | |
| Objective | Provide support to States, Tribes, and other partners to identify and meet shared or complementary recreational fishing and aquatic education and outreach objectives. | |
| Primary Benefited Species | Coho salmon or silver salmon (Oncorhynchus kisutch) | |
| Primary Benefited Population | SW Washington Coast ESU | |
| Plans | <p>Chehalis River Basin Fishery Resources Study and Restoration Act of 1990 (P.L. 101-452)</p> <p>Chehalis Basin Salmon Habitat Restoration and Preservation Work Plan</p> <p>Chehalis Basin Watershed Management Plan</p> | |
| Keyword | Outreach | |
| Need Number | N-002 | |
| Partners | <p>Chehalis Basin Education Consortium</p> <p>Chehalis Basin Fisheries Task Force</p> <p>Chehalis River Basin Land Trust</p> <p>Chehalis River Council Educational Service District 113 (\$10000)</p> <p>Grays Harbor College</p> <p>Washington Department</p> | |

of Ecology
Washington Department
of Fish and Wildlife
Weyerhaeuser
Company

reduce stream temperatures and provide large wood in the future.

The method:

Provide environmental education training to 30 teachers in school districts throughout the Chehalis Basin. These teachers will integrate environmental education as part of the curriculum for 800 schoolchildren. Install livestock exclusion fencing along 12,500 feet of stream and plant native vegetation along 3 miles of riparian habitat.

Accomplishments

| | |
|--|-----|
| Number of riparian miles restored | 3.0 |
| Number of other Fishery Management Plan tasks implemented for populations of management concern. | 5 |
| Number of aquatic outreach and education activities. | 4 |

13320-A-039 - [Chehalis Fisheries Restoration Program - Drops of Water newsletter](#)

| | | | |
|---|--|---|--|
| Facility | Western Washington Fisheries Resource Office | <p>Accomplishment Summary</p> <p>A 4-page newsletter distributed in newspapers to 45,000 addresses located within the Chehalis Basin. Articles are about current environmental issues (water quality, salmon, aquatic habitat, watershed planning) throughout the Basin. Six issues were published in fiscal year 2006. Residents are made aware of habitat and fisheries issues in the Chehalis Basin. All species and aquatic habitats found within the Chehalis Basin will benefit through increased environmental awareness of citizens.</p> <p>Description</p> <p>The importance to the Resource:</p> <p>The Chehalis Basin is the second largest in Washington. It has unlisted stocks of Chinook, coho and chum salmon and cutthroat and steelhead trout. These resources are important for sport and commercial, tribal, and interjurisdictional fisheries. The lower Chehalis Basin is designated foraging, migration, and overwintering habitat for bull trout.</p> <p>The problem:</p> <p>Numerous habitat degradations, along with other factors, have caused a decline in Chehalis Basin salmonid populations. This has diminished the fisheries opportunities and economic benefits for all users and the rural communities that depend on them.</p> <p>The objective:</p> <p>Increase environmental awareness of the public within the Chehalis Basin to change attitudes and actions towards environmental issues.</p> | |
| Expended | \$21439 | | |
| Objective | Provide support to States, Tribes, and other partners to identify and meet shared or complementary recreational fishing and aquatic education and outreach objectives. | | |
| Primary Benefited Species | Cutthroat trout (Oncorhynchus clarkii) | | |
| Primary Benefited Population | Not specified | | |
| Plans | <p>Chehalis River Basin Fishery Resources Study and Restoration Act of 1990 (P.L. 101-452)</p> <p>Chehalis Basin Salmon Habitat Restoration and Preservation Work Plan</p> <p>Chehalis Basin Watershed Management Plan</p> | | |
| Keyword | Outreach | | |
| Need Number | N-002 | | |
| Partners | <p>Chehalis Basin Education Consortium</p> <p>Chehalis River Council (\$5125)</p> | | |
| <p>Accomplishments</p> <table border="1"> <tr> <td>Number of other Fishery Management Plan tasks implemented for populations of</td> <td>5</td> </tr> </table> | | | Number of other Fishery Management Plan tasks implemented for populations of |
| Number of other Fishery Management Plan tasks implemented for populations of | 5 | | |

| | | |
|---|---|---|
| management concern. | | <p>The method:</p> <p>Provide environmental education and outreach to 45,000 households on a bimonthly basis. Articles are about current environmental issues (water quality, salmon, aquatic habitat, watershed planning) throughout the Basin.</p> |
| Number ANS related of outreach/education activities conducted | 3 | |
| Number of aquatic outreach and education activities. | 6 | |

13232-A-006 - [Public Outreach and Environmental Education at the Little White Salmon/Willard NFH Complex](#)

| | | |
|-------------------------------------|---|--|
| Facility | Willard National Fish Hatchery | <p>Accomplishment Summary</p> <p>In cooperation with Little White Salmon NFH, completed public outreach activities to reinforce the leadership role of the hatchery in addressing Columbia River fishery issues, informing the public about the importance of fish and wildlife resource conservation, and providing educational opportunities to teach future generations about the importance of salmon in the Pacific Northwest.</p> <p>Description</p> <p>The importance to the Resource:</p> <p>An informed public will support U.S. Fish & Wildlife Service programs that are responsible for the conservation of Pacific Northwest fish and wildlife resources.</p> <p>The problem:</p> <p>The public is easily confused by the multi-agency effort to conserve fisheries of the Pacific Northwest. This often results in mistaken identity of the principal conservation agency. There has been a reduction in support of traditional fishery mitigation programs and an unrecognized role the Service has in hatchery reform/recovery efforts.</p> <p>The objective:</p> <p>Inform the public, elected officials, and partners of the benefits of Service operated hatcheries and their programs that ultimately lead to the conservation of fish and wildlife resources for the benefit of everyone.</p> <p>The method:</p> <p>Encourage public visitation at the Little White</p> |
| Expended | \$85398 | |
| Objective | Provide support to States, Tribes, and other partners to identify and meet shared or complementary recreational fishing and aquatic education and outreach objectives. | |
| Primary Benefited Species | Coho salmon or silver salmon (Oncorhynchus kisutch) | |
| Primary Benefited Population | Wenatchee River Coho | |
| Plans | Pacific Region Fisheries Outreach Action Plan | |
| Keyword | Outreach | |
| Need Number | N-002 | |
| Partners | <p>Bonneville Power Administration</p> <p>Confederated Tribes of the Umatilla Indian Reservation</p> <p>National Oceanic and Atmospheric Administration, Mitchell Act</p> <p>Oregon Department of Fish and Wildlife</p> <p>U.S. Bureau of Reclamation</p> <p>Washington Department of Fish and Wildlife</p> <p>Yakama Indian Nation</p> | |
| Accomplishments | | |

| | | |
|---|-----------|--|
| <p>Number of other Fishery Management Plan tasks implemented for populations of management concern.</p> | <p>10</p> | <p>Salmon/Willard NFH Complex for education and to disseminate information regarding the role of the Service in fish and wildlife conservation. Use hatchery staff at off-site venues to address public, educational, and leadership organizations and inform them of the Service mission and hatchery program.</p> <p>Further description:</p> <p>The hatchery Complex continues to be the destination for a number of educational and leadership organization tours including nine school groups, two educational job shadows, and an off-site presentation to the Washington Agriculture and Forestry Leadership program including instruction of "Fish 101" on Columbia River issues at the groups Columbia River Seminar. Numerous partner meetings were held to help build support between the hatchery and NOAA-Fisheries, Grant Co. PUD, Chenoweth Forest & Farm Conservancy, Columbia Land Trust, WDFW Habitat and Enforcement divisions, and with representatives of the Yakama Nation. In addition, City Scene TV spent a day at the hatchery filming a segment for "Northwest Style" emphasizing the hatchery "who we are and what we do" and how staff work contributes to a quality lifestyle in the Pacific Northwest. The hatchery underwater webcam is extremely popular with the web-browsing public. Staff continue to demonstrate that hatcheries can conserve habitat too. Work with partners continues toward the development of an upland habitat management plan to complement an existing effort on adjacent, private lands.</p> |
|---|-----------|--|

13265-A-030 - [Outreach-Visitor Services and Public Use - Winthrop NFH](#)

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|-------------------------------------|--|
| Facility | Winthrop National Fish Hatchery |
| Expended | \$0 |
| Objective | Provide support to States, Tribes, and other partners to identify and meet shared or complementary recreational fishing and aquatic education and outreach objectives. |
| Primary Benefited Species | Chinook salmon or king salmon (Oncorhynchus tshawytscha) |
| Primary Benefited Population | Methow River (UCMET) spring chinook salmon. |
| Plans | Pacific Region Fisheries Outreach Action Plan |
| Keyword | Outreach |
| Need Number | N-002 |
| Partners | Friends of Northwest Hatcheries U. S. Forest Service U.S. Bureau of Reclamation (\$10000) Yakama Indian Nation |

Accomplishments

| | |
|--|---|
| Number of Friends Groups | 1 |
| Number of other Fishery Management Plan tasks implemented for populations of management concern. | 7 |

Accomplishment Summary

Winthrop NFH served 3,200 visitors in 2006 and led special use and educational programs such as Passport to Fishing, Fishing Days for the Physically Challenged, and Catch and Release Fly Fishing for high school students.

Description

The importance to the Resource:

Building relationships with people and fostering public understanding can help ensure a more secure future for America's fish and wildlife. Outreach activities must be designed to strengthen the relationship of the Service with citizens, educators, organizations, and other government agencies.

The problem:

Public outreach and communication is essential to the continuing survival of fish and wildlife species and habitats in this nation. Good communication builds understanding and helps the public make informed decisions about the future of fish and wildlife resources. The Service must provide clear and consistent messages uniformly.

The objective:

Objectives of effective outreach include ensuring we are building relationships with partners and decision makers; providing timely, accurate information about our decisions to concerned citizens; and providing clear messages about how fish and wildlife conservation affects the quality of life for all Americans.

The method:

Effective outreach must include a very diverse, but focused, collection of relationship management methods and activities including communications, public involvement, networking, natural resource education, interpretation, special events, public meetings, presentations and cooperative outreach partnerships.

Further description:

The Winthrop NFH is a sub-station of the Leavenworth NFH Complex and works closely with the Information & Education Department of the Complex in organizing educational and recreational events as well as self-guided hatchery tours at Winthrop NFH. The goal of the public use program is to provide high quality natural resource education in a multi-discipline hands-on way and to provide recreational fishing opportunities for young and physically challenged public. The hatchery provides a "Kid's Fishing Day" and two or more "Fishing Days for Physically Challenged". "Passport to Fishing" is included in "Kid's Fishing Day" and includes educational stations relating to fishing, biology, ethics, and safety. The Winthrop NFH also provides a "Watershed Watchers" event for the 7th grade science students at Liberty Bell Junior High School