

**WASHINGTON STATE
DEPARTMENT OF FISH AND WILDLIFE
TUCANNON FISH HATCHERY**

Monthly Report: January 2006

Fish on hand at months end:

Rainbow Trout (BY 04 Spokane Stock -Jumbo Program) Jumbo's on hand at months end are 4,201 fish @ 1.25 lbs each. Monthly mortality totaled 13 fish.

Rainbow Trout (BY 05 Spokane Stock -Jumbo Program) Received 6,121 eyed eggs from the Spokane hatchery on 01/12/06. Fry on hand at months end are 5,816. Monthly mortality totaled 184 eggs and 121 fry.

Rainbow Trout (BY 04 Spokane Stock –Catchable Program) Catchables on hand at months end are 153,609 fish @ 7.0 fpp. Monthly mortality totaled 25 fish.

Rainbow Trout (BY 05 Spokane Stock –Catchable Program) Received 189,039 eyed eggs from the Spokane hatchery on 01/12/06. Fry on hand at months end are 174,637. Monthly mortality totaled 7,169 eggs and 4,833 fry. Shipped 2,400 eyed eggs to local schools.

Rainbow Trout (BY 05 Kamloops Stock – Triploid Program) Received 70,000 eyed eggs from the IDF&G Hayspur hatchery on 01/04/06. Fry on hand at months end are 66,850. Mortality totaled 1,419 eggs and 1,731 fry for the month.

Spring Chinook (BY 04 Tucannon Stock – Supplemental) Juveniles on hand at months end are 67,556 fish @ 18.5 fpp. Monthly mortality totaled 60 fish.

Spring Chinook (BY 04 Tucannon Stock – Captive Brood Progeny) Juveniles on hand at months end are 132,376 fish @ 18.9 fpp. Monthly mortality totaled 102 fish.

Trapping to date: BY 2006 (3) Lyons Ferry Steelhead adult, (3) Whitefish.

General: Salvage logging in the Wooten Wildlife area is in full swing. Staff is compiling data for the 2005 annual report. Staff trimmed and burned brush from around the facility. Get ready to set up steelhead acclimation ponds. Staff built new aluminum pond crowders for 15' raceway.

Weather: We had a total of 7.16" of precipitation for the month. The High air temperature was 60 degrees and the Low was 28 degrees for the month.

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Monthly Report: February 2006

Fish on hand at months end:

Rainbow Trout (BY 04 Spokane Stock -Jumbo Program) Jumbo's on hand at months end are 3,563 fish @ 1.43 lbs each. Monthly mortality totaled 38 fish. 600 fish were stocked into local lakes during the last week of the month.

Rainbow Trout (BY 05 Spokane Stock -Jumbo Program) Fry on hand at months end are 5,735 @ 1,578 fpp. Monthly mortality totaled 81 fry.

Rainbow Trout (BY 04 Spokane Stock –Catchable Program) Catchables on hand at months end are 153,464 fish @ 6.0 fpp. Monthly mortality totaled 145 fish.

Rainbow Trout (BY 05 Spokane Stock –Catchable Program) Fry on hand at months end are 171,817 @ 1,827 fpp. Monthly mortality totaled 2,820 fry.

Rainbow Trout (BY 05 Kamloops Stock – Triploid Program) Fry on hand at months end are 64,414 @ 1667 fpp. Mortality totaled 2,436 fry for the month.

Spring Chinook (BY 04 Tucannon Stock – Supplemental) Juveniles on hand at months end are 67,542 fish @ 16.0 fpp. Monthly mortality totaled 14 fish. All fish were moved up to Curl Lake early in the month.

Spring Chinook (BY 04 Tucannon Stock – Captive Brood Progeny) Juveniles on hand at months end are 132,312 fish @ 16.0 fpp. Monthly mortality totaled 64 fish.

Summer Steelhead (BY 05 Tucannon Endemic Stock) Received 65,602 juveniles @ 6.2 fpp from the Lyons Ferry Hatchery on 02/15/06. These fish will be final reared at the Tucannon Hatchery and released in April approximately six miles upstream on the Tucannon River.

Trapping to date: BY 2006 (3) Lyons Ferry Steelhead adult, (3) Whitefish.

General: Salvage logging in the Wooten Wildlife area is ongoing. Staff preparing for March 1 Rainbow Trout lake openers. Both acclimation ponds had problems during the weather cold snap. Both of the Dayton and Cottonwood ponds encountered icing conditions at the intake and had plumbing freeze up in the bunkhouse.

Weather: We had a total of 2.45" of precipitation for the month. The High air temperature was 60 degrees and the Low was 0 degrees for the month.

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Monthly Report: March 2006

Fish on hand at months end:

Rainbow Trout (BY 04 Spokane Stock -Jumbo Program) Jumbo's on hand at months end are 2,551 fish @ 2.3 lbs each. Monthly mortality totaled 12 fish. 1,000 fish were stocked into local lakes during the last week of the month.

Rainbow Trout (BY 05 Spokane Stock -Jumbo Program) Fry on hand at months end are 5,699 @ 317 fpp. Monthly mortality totaled 36 fry.

Rainbow Trout (BY 04 Spokane Stock –Catchable Program) Catchables on hand at months end are 153,251 fish @ 4.9 fpp. Monthly mortality totaled 213 fish.

Rainbow Trout (BY 05 Spokane Stock –Catchable Program) Fry on hand at months end are 168,223 @ 826 fpp. Monthly mortality totaled 3,594 fry.

Rainbow Trout (BY 05 Kamloops Stock – Triploid Program) Fry on hand at months end are 64,035 @ 673 fpp. Mortality totaled 379 fry for the month.

Spring Chinook (BY 04 Tucannon Stock – Supplemental) Juveniles on hand at months end are 67,542 fish @ 13.4 fpp. Monthly mortality totaled 0 fish.

Spring Chinook (BY 04 Tucannon Stock – Captive Brood Progeny) Juveniles on hand at months end are 132,312 fish @ 15.3 fpp. Monthly mortality totaled 0 fish.

Summer Steelhead (BY 05 Tucannon Endemic Stock) Juveniles on hand at months end are 65,303 fish @ 5.4 fpp. These fish will be final reared at the Tucannon Hatchery and released in April approximately six miles upstream on the Tucannon River.

Trapping to date: BY 2006 (3) Lyons Ferry Steelhead adult, (1) Tucannon Endemic Steelhead, (1) Bull Trout, and (3) Whitefish.

General: Salvage logging in the Wooten Wildlife area is ongoing. Clean up trees and brush around facility from last summer's fire. Staff painted the old Lyons Ferry forklift. Staff participated in planting of the Tucannon River riparian areas. Staff worked on thatching and fertilizing lawns.

Weather: We had a total of 3.09" of rain and ¼" of snow for the month. The High air temperature was 66 degrees and the Low was 22 degrees for the month.

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Monthly Report: April 2006

Fish on hand at months end:

Rainbow Trout (BY 04 Spokane Stock -Jumbo Program) Jumbos on hand at months end are: 124 @ 2.5 lbs each. Monthly mortality totaled 5 fish. 2,250 fish were stocked into local lakes during the month.

Rainbow Trout (BY 05 Spokane Stock -Jumbo Program) Fry on hand at months end are: 5,630 @ 144 fpp. Monthly mortality totaled 3 fish.

Rainbow Trout (BY 04 Spokane Stock – Catchable Program) Catchables on hand at months end are: 82,764 @ 4.8 fpp. Monthly mortality totaled 258 fish.

Rainbow Trout (BY 05 Spokane Stock –Catchable Program) Fry on hand at months end are: 161,337 @ 379 fpp. Monthly mortality totaled 398 fish. 45,594 excess fry were transferred to the Ringold hatchery.

Rainbow Trout (BY 04 Kamloops Stock –Tripliod Program) Fry on hand at months end are: 62,507 @ 344 fpp. Monthly mortality totaled 85 fish.

Spring Chinook Salmon (BY 04 Captive Brood) Juveniles on hand at months end are: 0 fish. 132,312 fish @ 15.3 fpp. Were released from Curl Lake during the month. Monthly mortality totaled 0 fish.

Spring Chinook Salmon (BY 04 Supplemental) Juveniles on hand at months end are: 0 fish. 67,542 fish @ 13.4 fpp. Were released from Curl Lake during the month. Monthly mortality totaled 0 fish.

Summer Steelhead (BY 05 Tucannon Endemic Stock) Juveniles on hand at months end are: 0 fish. 65,245 fish @ 4.75 fpp. Were released approximately six miles upstream of the Tucannon Hatchery in the Tucannon River.

Trapping to date: BY 2006: (1) Bull Trout, (7) Whitefish, (4) Summer Steelhead -Lyons Ferry Stock, (18) Tucannon Endemic Steelhead, and (16) Unmarked Steelhead.

General: Salvage logging in the Wooten Wildlife area continues. Continued tree and brush cleanup from last summer's fire.

Weather: We had 3.49" of measurable amounts of rainfall during the month. The High air temperature was 96 degrees and the Low was 31 degrees for the month.

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Monthly Report: May 2006

Fish on hand at months end:

Rainbow Trout (BY 04 Spokane Stock -Jumbo Program) 0 Jumbo's on hand at months end. The last 163 fish were stocked into local lakes during the month.

Rainbow Trout (BY 05 Spokane Stock -Jumbo Program) Fry on hand at months end are 4,700 @ 71 fpp. Monthly mortality totaled 468 fry. We are experiencing elevated levels of bacterial coldwater disease.

Rainbow Trout (BY 04 Spokane Stock –Catchable Program) Catchables on hand at months end are 42,002 fish @ 3.5 fpp. Monthly mortality totaled 451 fish. Planted 40,311 catchable fish into local lakes during the month.

Rainbow Trout (BY 05 Spokane Stock –Catchable Program) Fry on hand at months end are 158,955 @ 194 fpp. Monthly mortality totaled 2,382 fry. Two of the four ponds have been treated for bacterial coldwater disease.

Rainbow Trout (BY 05 Kamloops Stock – Triploid Program) Fry on hand at months end are 54,921 @ 168 fpp. Mortality totaled 491 fry for the month. Planted 7,095 excess fry into a local lake during the month.

Trapping to date: BY 2006 (4) Lyons Ferry Steelhead adult, (18) Tucannon Endemic Steelhead, (19) Unmarked Steelhead, (5) Bull Trout, and (10) Whitefish, (3) Hatchery Spring Chinook.

General: Salvage logging in the Wooten Wildlife area is ongoing. Staff is working on addressing any items that may come up in the June 2006 Environmental Audit. Sales representative for the three phase variable speed drives, was here to program units. Staff mowing fields and river pipeline. Legislators toured the Wooten Wildlife area to view the burn damage. Staff prepped and re-painted break room. Staff installed new spray bar at river intake trap.

Weather: We had a total of 2.20" of rain for the month. The High air temperature was 93 degrees and the Low was 31 degrees for the month.

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Monthly Report: June 2006

Fish on hand at months end:

Rainbow Trout (BY 05 Spokane Stock -Jumbo Program) Fingerling on hand at months end are 4,685 @ 21 fpp. Monthly mortality totaled 15 fish. We are experiencing elevated levels of bacterial coldwater disease.

Rainbow Trout (BY 04 Spokane Stock –Catchable Program) Catchables on hand at months end are 0 fish. Monthly mortality totaled 7 fish. Planted the last 27,938 catchable fish into local lakes during the month.

Rainbow Trout (BY 05 Spokane Stock –Catchable Program) Fry on hand at months end are 157,597 @ 113 fpp. Monthly mortality totaled 1,358 fry.

Rainbow Trout (BY 05 Kamloops Stock – Triploid Program) Fingerling on hand at months end are 53,593 @ 92 fpp. Mortality totaled 1,328 fry for the month. This pond has not been treated for Bacterial Cold Water disease, but has had symptoms of the disease for the past month. These fish will be transferred to the Lyons Ferry Hatchery in early July.

Trapping to date: BY 2006 (96) Bull Trout, and (13) Whitefish, (69) Hatchery Spring Chinook and (43) Unmarked Spring Chinook.

General: Salvage logging in the Wooten Wildlife area is ongoing. Dan Forney was here during the month to perform Facility Environmental Compliance Audit. Prepare budget estimate for 2006 –2007 budget.

Weather: We had a total of 2.20” of rain for the month. The High air temperature was 100 degrees and the Low was 45 degrees for the month.

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Monthly Report: July 2006

Fish on hand at months end:

Rainbow Trout (BY 05 Spokane Stock -Jumbo Program) Fingerling on hand at months end are 4,684 @ 11 fpp. Monthly mortality totaled 1 fish.

Rainbow Trout (BY 05 Spokane Stock –Catchable Program) Fingerling on hand at months end are 157,395 @ 74.0 fpp. Monthly mortality totaled 202 fish.

Rainbow Trout (BY 05 Kamloops Stock – Triploid Program) 0 fish are on hand at months end. 47,597 fingerling @ 72.6 fpp, were transferred to the Lyons Ferry Hatchery. Monthly mortality totaled 10 fish for the month.

Trapping to date: BY 2006 (103) Bull Trout, and (13) Whitefish, (72) Hatchery Spring Chinook and (51) Unmarked Spring Chinook. BY 2007 (2) Summer Steelhead (Lyons Ferry Stock).

General: Salvage logging in the Wooten Wildlife area is winding down and should be completed by mid-August. Facility condition assessment was completed at the Dayton acclimation pond as well as the Tucannon Hatchery. Staff participated in a mandatory hearing assessment at the Lyons Ferry Hatchery. Staff participated in routine maintenance items such as rinsing debris from asphalt; testing fire suppression system, clean troughs in hatchery building, river pipeline loose paint removal, and construction of the dam board replacement barriers for the East and West raceways.

Weather: We had no measurable amount of rainfall during the month. The High air temperature was 102 degrees and the Low was 48 degrees for the month.

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Monthly Report: August 2006

Fish on hand at months end:

Rainbow Trout (BY 05 Spokane Stock -Jumbo Program) Fingerling on hand at months end are 4,683 @ 6.5 fpp. Monthly mortality totaled 1 fish.

Rainbow Trout (BY 05 Spokane Stock –Catchable Program) Fingerling on hand at months end are 157,340 @ 37.0 fpp. Monthly mortality totaled 55 fish.

Trapping to date: BY 2006: (103) Bull Trout, and (13) Whitefish, (74) Hatchery Spring Chinook and (51) Unmarked Spring Chinook. BY 2007: (2) Summer Steelhead (Lyons Ferry Stock).

General: Salvage logging in the Wooten Wildlife area is basically complete. Fire has threatened the Tucannon fish hatchery effective 08/23/06. This fire had originated near the town of Dayton and spread rapidly with the high winds. It is currently burning approximately nine miles south of the hatchery with a containment level of 25%. All of the hatchery fire precautions are in place. Staff participated projects / routine maintenance items include; re-painting 1,450 fish transport tank, annual river intake maintenance, 2006-2007 annual operation procedures, finish painting pipeline, generator maintenance protocol, and compiled a Kamloops Rainbow rearing procedures worksheet.

Weather: We had .20” of measurable amounts of rainfall during the month. The High air temperature was 104 degrees and the Low was 44 degrees for the month.

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Monthly Report: September 2006

Fish on hand at months end:

Rainbow Trout (BY 05 Spokane Stock -Jumbo Program) Fingerling on hand at months end are: 4,208 @ 4.6 fpp. Monthly mortality totaled 0 fish. 475 fish @ 5.6 fpp were released into local lakes.

Rainbow Trout (BY 05 Spokane Stock –Catchable Program) Fingerling on hand at months end are: 144,672 @ 17.7 fpp. Monthly mortality totaled 0 fish. All fish were moved to the earthen rearing pond during the middle of the month.

Spring Chinook Salmon (BY 05 Captive Brood) Juveniles on hand at months end are: 90,174 fish @ 31.5 fpp. Monthly mortality totaled 48 fish. These fish were transported from the Lyons Ferry hatchery to the Tucannon on the 28th and 29th of the month

Trapping to date: BY 2006: (105) Bull Trout, and (13) Whitefish, (78) Hatchery Spring Chinook and (61) Unmarked Spring Chinook. BY 2007: (2) Summer Steelhead (Lyons Ferry Stock).

General: Staff participated projects / routine maintenance items include; brake and marker light replacement on the 1,450 fish transport tank truck, finish re-wiring road grader. Olympia engineering staff installed a new air breather valve on the well #3 line and modified our truck fill piping to increase the volume of river water.

Weather: We had 1.05” of measurable amounts of rainfall during the month. The High air temperature was 92 degrees and the Low was 36 degrees for the month.



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October 2006

Fish on hand at months end:

Rainbow Trout (BY05 Spokane Stock - Jumbo Program) - 4,207 @ 3.1 fpp. Monthly mortality totaled 1 fish.

Rainbow Trout (BY05 Spokane Stock - Catchable Program) - 144,665 @ 17.7 fpp. Monthly mortality totaled 7 fish.

Spring Chinook Salmon (BY05 Captive Brood) - 90,125 fish @ 21.2 fpp. Monthly mortality totaled 49 fish.

Spring Chinook Salmon (BY05 Supplemental) - 149,629 fish @ 23.9 fpp. Monthly mortality totaled 67 fish. These fish were transferred to the Tucannon hatchery from Lyons Ferry on 10/02 and 10/03/2006.

Trapping to date: BY 2006: (105) Bull Trout, and (13) Whitefish, (78) Hatchery Spring Chinook and (61) Unmarked Spring Chinook. BY 2007: (2) Summer Steelhead (Lyons Ferry Stock). No new adults were trapped during the month. Additional flows have been diverted over the intake dam to assist in the migration of Bull Trout.

General: Staff participated projects / routine maintenance items include; paint Dayton acclimation facility bunkhouse, tear down and replace porch at the Cottonwood acclimation facility, pour concrete stub wall around electrical vault by fuel storage tank, pressure wash intake & outlet drum screens, and lube and oil change on fish transport truck. Bob Begin (USF&W Structural engineer) performed an inspection of the Tucannon Hatchery entrance bridge. Staff assisted in spawning of Fall Chinook adults at Lyons Ferry.

Weather: We had .95" of measurable amounts of rainfall during the month. The High air temperature was 72 degrees and the Low was 15 degrees for the month.

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Monthly Report: November 2006

Fish on hand at months end:

Rainbow Trout (BY 05 Spokane Stock -Jumbo Program) Catchables on hand at months end are: 4,205 @ 2.0 fpp. Monthly mortality totaled 2 fish.

Rainbow Trout (BY 05 Spokane Stock –Catchable Program) Fingerling on hand at months end are: 144,660 @ 8.5 fpp. Monthly mortality totaled 5 fish.

Spring Chinook Salmon (BY 05 Captive Brood) Juveniles on hand at months end are: 90,125 fish @ 21.2 fpp. Monthly mortality totaled 49 fish.

Spring Chinook Salmon (BY 05 Supplemental) Juveniles on hand at months end are: 149,599 fish @ 18.5 fpp. Monthly mortality totaled 30 fish. These fish were transferred to the Tucannon hatchery from Lyons Ferry on 10/02 – 10/03/2006.

Trapping to date: BY 2006: (105) Bull Trout, and (13) Whitefish, (78) Hatchery Spring Chinook and (61) Unmarked Spring Chinook. BY 2007: (2) Summer Steelhead (Lyons Ferry Stock). No new adults were trapped during the month. Additional flows have been diverted over the intake dam to assist in the migration of Bull Trout.

General: Staff participated projects / routine maintenance items include; Burning brush around the facility, Finish 2005 – 2006 annual report, Repair broken float alarms. Two staff members participated in a promotional testing procedure given at the Spokane Regional office.

Weather: We had 9.86” of measurable amounts of rainfall and 1 ½ “ of snow during the month. The High air temperature was 65 degrees and the Low was 14 degrees for the month.