



SCIENTIFIC COLLECTOR'S PERMIT

1. This Scientific Collector's Permit is issued by authority of the Yakama Nation pursuant to its status as a self-regulatory manager of fish and wildlife resources within its ceded lands.
2. The undersigned agencies, entities, or persons are authorized to take fish and wildlife species listed below for scientific purposes only, subject to the conditions of this permit.
3. This permit is non-transferable. Agencies, entities, or persons not listed on this permit may not collect fish and wildlife species under authority of this permit.
4. A report of take must be completed and returned to the tribal Fisheries Resource Management Program at termination of sampling activities.

CONDITIONS:

Location, species and number to be taken: Collect up to 4,500 adult chinook salmon (spring, summer, fall), 2,000 adult sockeye salmon, and 3,000 steelhead at Bonneville Dam Adult Fish Facility located on the lower Columbia River. Potential incidental catch includes lamprey, suckers, sturgeon, peamouth, and shad.

Disposition of catch: All salmonids will be measured, assessed for injury, have scales removed for aging, a caudal fin punch for genetic stock identification, and receive a PIT tag. All fish will be anesthetized prior to sampling and revived in freshwater prior to release into the Columbia River.

Agency, entity, or persons authorized to take fish and wildlife under this permit: Columbia River Inter-Tribal Fish Commission and the following staff: Crystal Chulik, Agnes Strong, Lamar Fairley-Minthorn, Travis Sproed, Jayson Fivecrows, Jeff Fryer, John Whiteaker, and any temporary staff.

Dates or duration of sampling activities (not to exceed current year): April 1, 2021 to October 31, 2021

Other specific conditions:

Signature of Authorizing Official:

Gerald Lewis
Gerald Lewis, Chairman
Fish and Wildlife Committee
Yakama Nation Tribal Council

Date: 03.10.2021



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CONDITIONS:

Location, species and number to be taken: Up to adult 850 sockeye salmon from either the east or west ladder Wells Dam fish trap on the Columbia River.

Disposition of catch: Fish will be anesthetized and be sampled for scales. Fish may also be sampled for genetics by using a punch to collect a small portion of the caudal fin. Fish will also be tagged with PIT tags to indicate to upstream fisheries that the fish was sampled. Fish will then be allowed to recover and released. Lengths, fin clips, and other biological information will also be recorded.

Agency, entity, or persons authorized to take fish and wildlife under this permit:
Jeff Fryer and Bobby Begay of the Columbia River Inter-Tribal Fish Commission, Clifford Smith, Martin Novak, Andrew Carr, Katie Weber, Anne Ketchen, and Kraig Mott of the Yakama Nation.

Dates or duration of sampling activities (not to exceed current year): June 15-August 15, 2021

Other specific conditions:

Signature of Authorizing Official:

Gerald Lewis
Gerald Lewis, Chairman
Fish and Wildlife
Yakama Tribal Council

Date: 03.08.2021



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CONDITIONS:

Location, species and number to be taken: Collect up to 500,000 juvenile fall Chinook salmon using beach and stick seines. Incidental catch of salmonids may include up to 300 juvenile spring Chinook, 150 juvenile sockeye salmon and, 100 juvenile coho salmon, 50 juvenile steelhead, and 10 bull trout. Incidental catch of non-salmonids may include pike minnow, shiners, sculpins, dace, stickleback, whitefish, sucker, bass, pea mouth, yellow perch, sunfish, and other species. Fish will be captured in the Columbia River between Priest Rapids Dam and Richland and transported to the tagging site located on either the Hanford townsite or White Bluffs townsite boat ramps.

Disposition of catch: Up to 300,000 fall Chinook between 48 and 85 mm in length will be adipose clipped and coded wire tagged. Up to 12,000 fall Chinook between 55 and 130 mm in length will be PIT tagged. Up to 200 will be acoustic tagged. All tagged fish will be allowed to recover and released. Non-target species and Fall Chinook too small or too large for tagging will be released.

Agency, entity, or persons authorized to take fish and wildlife under this permit: Jeff Fryer, John Whiteaker, and Ted Walsey, Columbia River Inter-Tribal Fish Commission; Jeremy Wolf and Travis Olsen, Confederated Tribes of the Umatilla Indian Reservation; Brady Carl, Chuck Carl, Michael Porter, Cristy Fiander, and Jamie Bill of the Yakama Nation, Ryan Tomka, Brian Ekstrom, Phil Haner, Gabe Hansen, Amy Hansen of the USGS, and Biologix coded wire tagging trailer supervisor Paul Graham.

Dates or duration of sampling activities (not to exceed current year): May 15, 2021 to June 20, 2021

Other specific conditions:

Signature of Authorizing Official:

Gerald Lewis
Gerald Lewis
Fish & Wildlife Committee
Yakama Tribal Council

Date: 03.08.2021



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CONDITIONS:

Location, species and number to be taken: Up to 1500 juvenile sockeye and/or kokanee from Lake Wenatchee as part of up to six acoustic trawl surveys to assess sockeye salmon densities. Fish biosamples will be collected using a small, mid-water trawl net (2 by 2-m mouth opening, 7.5-m length). It is not anticipated that any non-target species will be collected. If they are, they will be immediately released.

Disposition of catch: Fish will be collected, placed in 90% ethanol, and frozen for subsequent laboratory analysis.

Agency, entity, or persons authorized to take fish and wildlife under this permit: Keely Murdoch, Yakama Nation; Jeff Fryer, CRITFC, Chelsea Mathieu, Casmir Tonasket, and Nicholas Yaniw, Okanagan Nation Alliance Dave Beauchamp, Marshal Hoy, Tessa Code, Lisa Wetzal, Rachelle Johnson, Jeff Duda, USGS

Dates or duration of sampling activities (not to exceed current year): March 1, 2021 to December 31, 2021

Other specific conditions:

Signature of Authorizing Official:


Gerald Lewis
Fish and Wildlife Committee
Yakama Tribal Council

Date: 03.08.2021