



CONTRACT AMENDMENT

TITLE: Southern Resident Orca Task Force - Increase Chinook Abundance

WDFW NUMBER: 19-13464
AMENDMENT NUMBER: 3

CONTRACTOR: Douglas County PUD

AMENDMENT VALUE: \$175,000

AMENDMENT EFFECTIVE DATE:
07/01/2022

CONTRACT END DATE:
09/30/2023

The above-referenced Contract between the State of Washington, Department of Fish and Wildlife (WDFW); and Douglas County PUD is hereby amended as follows:

The purpose of this Amendment is to add new funding for the period 7/1/22-9/30/23; add a new statement of work; and to extend the period of performance so that work may continue.

- A. Total Contract value is increased by \$175,000 for a new Contract value not to exceed \$1,172,000. New funding is provided through a grant provided to WDFW by the National Oceanic and Atmospheric Administration (NA22NMF4380093 / WDFW #19-13464 / CFDA #11.438). The new funding also includes \$26,500 for marking services for FY23 (500,000 Chinook). These funds will be reserved by WDFW as WDFW will be providing these services for the Contractor.
- B. Statement of Work is amended to include new activities/direction/funding and is attached as Attachment C-2.

All other terms and conditions of this Contract remain in full force and effect.

THIS AMENDMENT is executed by the persons signing below, who warrant that they have the authority to execute this Amendment.

DOUGLAS COUNTY PUD

WASHINGTON DEPARTMENT OF FISH AND WILDLIFE

Jeffrey R. Hugdahl 10.24.22

Signature and Date

Hugdahl, Digitally signed by Hugdahl, Jeffrey R (DFW) Date: 2022.10.14 08:13:49 -07'00'
Jeffrey R (DFW)

Signature and Date

Gary R. Way General Manager

Printed Name and Title

Contracts and Purchasing Manager

Printed Name and Title

Attachment C-2 –

STATEMENT OF WORK

WELLS PRODUCTION PROGRAM

Project Abstract:

The State of Washington created the Southern Resident Orca Task Force in response to the alarming decline in the endangered southern resident orca population. The Task Force, as part of their overall recommendations, proposed increasing hatchery production of certain stocks of Chinook salmon to augment the diet of orcas based on data that indicated an insufficient food supply for the orcas, and their preference for those stocks.

In 2019, Public Utility District No. 1 of Douglas County (Douglas PUD) proposed to the State of Washington to produce up to 500,000 summer Chinook sub-yearling salmon at Wells Hatchery to aid in orca recovery. This production was in part funded by the State budget passed in 2019. The program was successfully implemented starting in 2019 and has continued through the spring of 2022. The release goal has been achieved in each year of the program. The current production goals are in addition to the sub-yearling summer Chinook Douglas PUD already produces under the requirements of the Wells Habitat Conservation Plan (Wells HCP).

Douglas PUD and the Washington State Department of Fish and Wildlife (WDFW) are pleased to submit to the National Marine Fisheries Service (NMFS) a proposal to rear an additional 500,000 summer Chinook at the Wells Hatchery. This increase in existing summer Chinook production is in support of the Washington State Southern Resident Orca Task Force recommendation to increase the abundance of Chinook salmon and in support of the production goals identified in the new Pacific Salmon Treaty. Both programs will increase the number of mature summer Chinook available in the marine waters of Washington State.

Project Objectives:

The goal of the program is to increase the oceanic abundance of Chinook salmon adults available to Southern Resident Orca (SRO), recreational and commercial marine fisheries and to improve in-river fishing opportunities (harvest) in the Columbia River downstream of Wells Dam. The Wells Hatchery summer Chinook program has been and will continue to be a segregated hatchery program. To facilitate the return of adults to the hatchery outfall, fish are spawned, incubated, reared, acclimated, and released from Wells Hatchery directly into the Columbia River downstream of Wells Dam. Returning adults are entirely collected via the hatchery outfall channel trap below Wells Dam. Releasing an additional 500,000 sub-yearling summer Chinook from the Wells Hatchery is expected to produce an average adult return of 1,416 to Wells Hatchery. Using average ocean and fishery contributions from this stock, for this same time period, an additional release of 500,000 sub-yearling Chinook from Wells Hatchery would also provide an additional 9,639 adults to the various ocean and in-river fisheries.

Scope of Work:

The proposed continuation of this program will take place entirely at Wells Hatchery, from the volunteer trap broodstock collection, adult holding, spawning, incubation, and rearing to release. Returning broodstock will be of hatchery origin. Grow-out and acclimation occur in a large lined pond providing Columbia River surface water for imprinting and natural temperature regimes, a rearing environment with a degree of natural feed available, and low rearing densities. Fish are released directly into the Columbia River from Wells Hatchery, located immediately downstream

of Wells Dam at river kilometer 829. Volitional release of sub-yearlings occurs in May. In addition to meeting its primary goal of supporting the recovery and sustainability of Southern Resident Orcas, the program will also provide harvest opportunities for commercial, tribal, and recreational fisheries. The summer Chinook raised at the Wells Hatchery for the existing HCP programs are 100% adipose-fin clipped and 100% code-wire tagged. SRO program and Pacific Salmon Treaty program fish will be 100% adipose clipped. Adipose fin clipping will be the responsibility of WDFW's marking and tagging program coordinator. In-hatchery data collection will be performed by Douglas PUD and their M&E contractor, WDFW. Fish health monitoring and disease treatment will be performed by Douglas PUD's Fish Health Veterinarian. Performance indicators outside of Wells Hatchery will be assessed by WDFW.

Final Report:

A final Washington Department of Fish and Wildlife report will be prepared summarizing results of this project.

Timeline:

Wells Chinook Production	July 1, 2022 - September 30, 2023
Progress Report: July 2022 – December 2022	January 31, 2023
Progress Report: January 2023 – June 2023	July 31, 2023
Progress Report: June 2023 – September 2023	October 31, 2023
Final Report	October 31, 2023

Budget/Reimbursement

Month	Year	Activity Description	Cost
July	2022	Adult Collection	\$12,000
August	2022	Adult Holding	\$7,500
September	2022	Adult Holding	\$8,000
October	2022	Spawning	\$18,000
November	2022	Incubation	\$10,000
December	2022	Incubation	\$10,000
January	2023	Incubation	\$10,000
February	2023	Feed Training	\$18,000
March	2023	Rearing	\$22,000
April	2023	Rearing	\$18,500
May	2023	Release	\$12,000
June	2023	Clean and Preparation	\$2,500
Total			\$148,500
Reserved for WDFW Marking Services			\$26,500
TOTAL NOT TO EXCEED			\$175,000

Amounts are estimated and can be adjusted upon agreement of the WDFW Project Manager identified herein. All reports and requests for reimbursement are to be sent directly to the WDFW Project Manager.