

Template for 2022 Mass Marking Proposals

Mass Marking Proposal ID #

Date Received

A. PROPOSAL TITLE:

WDFW / TRIBAL – COASTAL CHINOOK MASS MARKING 2022
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This template is intended for proposals to mark any Chinook or Coho Salmon release group(s) from a hatchery or hatchery complex where the fish are marked with an adipose clip and the fish are expected to be intercepted in Pacific Salmon Commission (PSC) fisheries.

Is the proposal:

<input type="checkbox"/>	New
<input checked="" type="checkbox"/>	A continuation of a previous proposal

B. CONTACT INFORMATION

Proposing Agency	Washington Department of Fish and Wildlife	
Contact Person	Jill Cady	
Mailing Address	P.O. Box 43200, Olympia, WA 98504-3200, MS: 43150	
Phone Number	360 902-2406	
Fax	360 902-2153	
Email	Jill.Cady@dfw.wa.gov	

C. PROPOSAL DETAILS

Purpose of Proposed Mass Marking

- The intent of this mass marking program is to provide a basis for estimating the contribution of hatchery produced fish to fisheries and escapement and to provide a basis for mark selective fisheries directed at hatchery populations. In addition, the mass marking of fall chinook at Forks Creek Hatchery is to allow an integrated hatchery management approach to be implemented
- This proposal is similar to last year's proposal although there is additional production for Southern Resident Killer Whales.
- Mark selective fisheries (MSFs) directed at these stocks are proposed this year for the coastal recreational and commercial fisheries (Area 1-4). In addition, these fish will be targeted for MSFs in Willapa Bay and associated tributaries. Fish of this brood (2020) will begin to recruit to fisheries in 2023.

d. Proposed Marking and Tagging Levels

Mass marking and DIT information for WDFW, Tribal and cooperative WDFW-Tribal programs is provided in Table 1.

e. Concerns Regarding the Proposal

- a. None known.
- b. Some general concerns have been identified by the SFEC related to the lack of interagency coordination with CWT sampling methodologies and mass marking / double index tagging of Chinook salmon.

WDFW and TRIBAL COASTAL CHINOOK MASS MARKING and CODED-WIRE TAGGING 2022

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)
			Ad Clipped	Unclipped	Ad Clipped	Unclipped			
Tribal	Educket Creek	Sooes River falls	0	0	100,000	0	100,000	Y	Y
Tribal	SolDuc	SolDuc summers 0+	70,000			0	70,000	Y	Y
Tribal/WDFW	SolDuc	SolDuc summers 1+	80,000	0	325,000	0	405,000	Y	Y
Tribal	Bear Springs	SolDuc spring/summers	0	140,000	0	0	140,000	N	N
WDFW/SRKW	SolDuc/Bear Springs	SolDuc summers 0+	0	0	500000	0	500,000	Y	Y
WDFW/SRKW	SolDuc/Bear Springs	SolDuc summers 1+	0	0	150000	0	0	Y	Y
Tribal	Salmon River	Queets River falls	200,000	0	0	0	200,000	Y	Y
Tribal	Quinault Lake*	Quinault River falls	200,000	200,000	800,000	0	1,200,000	Y	Y
WDFW	Humptulips	Humptulips River falls	0	0	500,000	0	500,000	Y	Y
WDFW	Lake Aberdeen	Van Winkle Creek falls	0	0	50,000	0	50,000	Y	Y
WDFW	Wishkah (Mayr Bros)	Wishkah River falls	0	0	200,000	0	200,000	Y	Y
WDFW	Bingham Creek	Satsop River falls	0	0	200,000	0	200,000	Y	Y
WDFW	Satsop Springs	Satsop River falls	200000	0	300,000	0	500,000	Y	Y
WDFW	Forks Creek	Willapa River falls	100,000	0	250,000	0	350,000	Y	Y
WDFW/SRKW	Forks Creek	Kalama springs	0		50,000		50,000	Y	Y
WDFW	Forks Creek	Willapa River falls	100,000	0	250,000	0	350,000	Y	Y
WDFW	Nemah	Nemah River falls	200,000	200,000	2,900,000	0	3,300,000	Y	Y
WDFW	Naselle	Naselle River falls	100,000	0	2,400,000	0	2,500,000	Y	Y
WDFW/SRKW	Naselle	Naselle River falls	0	0	2,500,000	0	2,500,000	Y	Y
Total			1,250,000	540,000	11,475,000	0	13,115,000		

Total Chinook Production
Percent Marked

13,115,000
96%

* DIT

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WDFW / TRIBAL – COASTAL COHO MASS MARKING 2022

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Proposing Agency	Washington Department of Fish and Wildlife
Contact Person	Jill Cady
Mailing Address	P.O. Box 43200, Olympia, WA 98504-3200, MS: 43150
Phone Number	360 902-2819
Fax	360 902-2153
Email	Jill.Cady@dfw.wa.gov

C. PROPOSAL DETAILS

1. Purpose of Proposed Mass Marking

- a. The intent of this mass marking program is to provide a basis for estimating the contribution of hatchery produced fish to fisheries and escapement and to provide a basis for mark selective fisheries directed at hatchery populations.
- b. This proposal is similar to last year's proposal.
- c. Mark selective fisheries directed on these mass marked stocks are being proposed in recreational and non-Indian troll fisheries in Pacific Ocean waters off the Washington coast (Areas 1-4). In addition, these fish will be targeted for MSFs in Willapa Bay, Grays Harbor and associated tributaries. Fish of this brood (2020) will recruit to fisheries in 2023.

2. Proposed Marking and Tagging Levels

Mass marking and DIT information for WDFW, Tribal and cooperative WDFW-Tribal programs is provided in Table 1.

3. Concerns Regarding the Proposal

- a. None known.
- b. Some general concerns have been identified by the SFEC related to mass marking of coho salmon, mostly related to the ability to completely sample all fisheries and spawning areas with electronic detection equipment

WDFW and TRIBAL COASTAL COHO MASS MARKING and CODED-WIRE TAGGING 2022

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)
			Ad Clipped	Unclipped	Ad Clipped	Unclipped			
WDFW	Bingham Creek	Satsop lates	0		150,000	0	150,000	Y	Y
WDFW	Bingham Creek	Satsop River	0	0	17,407	0	17,407	Y	Y
WDFW	Bingham Creek *	Satsop River	75,000	75,000	0	0	150,000	Y	Y
WDFW	Buzzard Creek	Wishkah River	0	0	25,000	0	25,000	Y	Y
WDFW	Carlisle Lake	Satsop River	0	0	33,500	0	33,500	Y	Y
WDFW	Carlisle Lake	Satsop lates	0	0	16,500	0	16,500	Y	Y
Tribal	Educket Creek	Sooes River	0	0	40,000	0	40,000	Y	Y
WDFW	Eight Creek	Satsop lates	0	0	100,000	0	100,000	Y	Y
WDFW	Forks Creek	Willapa lates	0	0	100,000	0	100,000	Y	Y
WDFW/SRKW	Forks Creek	Forks Creek	45,000	0	255,000	0	300,000	Y	Y
WDFW	Forks Creek *	Willapa River	75,000	75,000	50,000	0	200,000	Y	Y
WDFW	Friends Landing	Satsop River	0	0	25,000	0	25,000	Y	Y
WDFW	Humptulips	Humptulips	0	0	400,000	0	400,000	Y	Y
WDFW	Humptulips	Humptulips lates	0	0	100,000	0	100,000	Y	Y
WDFW/SRKW	Humptulips	Humptulips	200,000		300,000		500,000	Y	Y
WDFW	Lake Aberdeen	Van Winkle Creek	0	0	30,000	0	30,000	Y	Y
WDFW	Mayr Brothers	Wishkah River	0	0	300,000	0	300,000	Y	Y
WDFW	Naselle	Naselle River	0	0	1,200,000	0	1,200,000	Y	Y
WDFW	Naselle	Naselle River lates	0	0	200,000	0	200,000	Y	Y
Tribal	Salmon River *	Salmon River	75,000	75,000	500,000	0	650,000	Y	Y
WDFW	Satsop Springs	Satsop River	0	0	450,000	0	450,000	Y	Y
WDFW	Skookumchuck	Satsop River	0	0	50,000	0	50,000	Y	Y
WDFW	Skookumchuck	Satsop lates	0	0	50,000	0	50,000	Y	Y
WDFW	Solduc	Solduc summers	100,000	0	0	0	100,000	Y	Y
WDFW	Solduc *	Solduc falls	75,000	75,000	350,000	0	500,000	Y	Y

WDFW	Westport Net Pens	Humptulips River	0	0	100,000	0	100,000	Y	Y
	Total		645,000	300,000	4,842,407	0	5,787,407		

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C. PROPOSAL DETAILS

1. Purpose of Proposed Mass Marking

- The intent of this mass marking program is to provide a basis for estimating the contribution of hatchery produced fish to fisheries and escapement and to provide a basis for mark selective fisheries directed at hatchery populations.
- This proposal is similar to last year's proposal.
- Mark selective fisheries in the Columbia River directed at spring, summer and fall Chinook stocks are proposed. In addition, these fish may contribute to MSFs along the Washington coast. Fish of this brood (2020) will recruit to fisheries starting in 2023.

2. Proposed Marking and Tagging Levels

Mass marking and DIT information for WDFW, Tribal and cooperative WDFW-Tribal programs is provided in Table 1.

D. Concerns Regarding the Proposal

- a. None known.
- b. Some general concerns have been identified by the SFEC related to the lack of interagency coordination with CWT sampling methodologies and mass marking / double index tagging of Chinook salmon.

Table 1.

WDFW and TRIBAL COLUMBIA RIVER CHINOOK MASS MARKING and CODED-WIRE TAGGING 2022

Species: Chinook

Area: Columbia River

Brood: 2020

Release Year: 2022 and 2023

Data from 2019 Future Brood Document

10/21/2019

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)
			Ad Clipped	Unclipped	Ad Clipped	Unclipped			
WDFW	Ringold **	URBs	450,000	-	3,050,000	-	3,500,000	Y	Y
WDFW	Priest Rapids	Priest Rapids - URBs	600,000	600,000	6,099,543	-	7,299,543	Y	Y
Tribal	Hanford Reach	Hanford - Wild	200,000	-	-	-	200,000	Y	Y
		URB Total	1,250,000	600,000	9,149,543	0	10,999,543		
WDFW	Lyons Ferry	Lyons Ferry - Falls	200,000	-	-	-	200,000	Y	Y
WDFW	Lyons Ferry	Lyons Ferry - Falls 1+	450,000	-		-	450,000	Y	Y
WDFW	Lyons Ferry	Lyons Ferry - Falls 1+	-	-	500,000	-	500,000	Y	Y
		Snake Total	650,000	0	500,000	0	1,150,000		
WDFW	Cowlitz	Cowlitz - Falls	1,100,000	-	-	-	1,100,000	Y	Y
WDFW	Cowlitz	Cowlitz - Falls	100,000	-	2,300,000	-	2,400,000	Y	Y
WDFW	N Toutle	Toutle - Falls	100,000	-	1,000,000	-	1,100,000	Y	Y

WDFW	Kalama Falls	Kalama - Falls	100,000	-	3,400,000	-	3,500,000	Y	Y
WDFW	Fallert Creek	Kalama - Falls	100,000	-	3,400,000	-	3,500,000	Y	Y
WDFW	Washougal	Washougal - Falls	100,000	-	1,800,000	-	1,900,000	Y	Y
Tule Total			1,700,000	0	13,900,000	0	15,600,000		
WDFW	Lewis River	Lewis River - Falls (wild)	100,000	-	-	-	100,000	N	Y
Below Bonneville Indicator			100,000	0	0	0	100,000		
WDFW	Dryden Pond	Wenatchee - summers 1+	500,001	-	-	-	500,001	Y	Y
WDFW	Wells	Wells - summers	484,000	-	-	-	484,000	Y	Y
WDFW	Wells	Wells - summers 1+	320,000	-	-	-	320,000	Y	Y
WDFW	Carlton Pond	Methow / Okanogan - summers 1+	200,000	-	-	-	200,000	Y	Y
WDFW	Similkameen Pond	Methow / Okanogan - summers 1+	167,000	-	-	-	167,000	Y	Y
Summer Chinook Total			1,671,001	0	0	0	1,671,001		
WDFW	Washougal (to ODFW)	Washougal - Falls	100,000	-	2,000,000	-	2,100,000	N	NA
Tribal	Klickitat	Klickitat - falls	450,000	-	3,600,000	-	4,050,000	Y	Y
Fall Chinook Total			550,000	0	5,600,000	0	6,150,000		
WDFW	Cathlamet Channel Net Pens	Cowlitz - springs 1+	250,000	-	-	-	250,000	N	Y
WDFW	Cowlitz	Cowlitz - springs fall release	100,000	-	400,000	-	500,000	Y	Y
WDFW	Cowlitz	Cowlitz - springs 1+	200,000	-	1,041,899	-	1,241,899	Y	Y
WDFW	Friends of the Cowlitz	Cowlitz - springs 1+	-	-	55,000	-	55,000	Y	Y
WDFW	Fallert Creek	Kalama - springs 1+	125,000	-	375,000	-	500,000	Y	Y
WDFW	Lewis River*	Lewis River - springs 1+	150,000	150000	950,000	-	1,250,000	Y	Y
Tribal	Klickitat	Klickitat - springs 1+	-	25000	400,000	-	425,000	Y	Y
Tribal	Klickitat	Klickitat - springs 1+	200,000	-	-	-	200,000	Y	Y
Tribal	Cle Elum	Cle Elum - spring	810,000	-	-	-	810,000	Y	Y
WDFW	Curl Lake Acclimation Pond	Tucannon - springs 1+	-	225000	-	-	225,000	NA	NA
WDFW	Chiwawa Pond	Chiwawa - springs 1+	144,000	-	-	-	144,000	Y	Y
WDFW	Nason Creek	Nason Creek - springs 1+	223,670	-	-	-	223,670	Y	NA
WDFW	Nason Creek	Nason Creek - springs 1+	-	125000	-	-	125,000	Y	Y

WDFW	Methow	Methow - springs 1+	-	110000	-	-	110,000	NA	NA
Tribal	Goat Wall Acclimation Site	Methow - springs 1+	-	25000	-	-	25,000	NA	NA
WDFW	Twisp	Twisp - springs 1+	-	30000	-	-	30,000	NA	NA
WDFW	Chewuch Acclimation Pond	Methow - springs 1+	-	60000	-	-	60,000	NA	NA
Total Spring Chinook			2,202,670	750000	3,221,899	0	6,174,569		

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WDFW / TRIBAL – COLUMBIA RIVER COHO MASS MARKING 2022
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C. PROPOSAL DETAILS

1. Purpose of Proposed Mass Marking

- The intent of this mass marking program is to provide a basis for estimating the contribution of hatchery produced fish to fisheries and escapement and to provide a basis for mark selective fisheries directed at hatchery populations.
- This proposal is similar to last year's proposal.
- Mark selective fisheries directed on these mass marked coho stocks are being proposed in the Columbia River. These fish may also contribute to recreational and non-Indian troll fisheries in Pacific Ocean waters off the Washington coast (Areas 1-4B). Fish of this brood (2020) will recruit to fisheries in 2023.

2. Proposed Marking and Tagging Levels

Mass marking and DIT information for WDFW, Tribal and cooperative WDFW-Tribal programs is provided in Table 1.

3. Concerns Regarding the Proposal

- a. None known.
- b. Some general concerns have been identified by the SFEC related to mass marking of coho salmon, mostly related to the ability to completely sample all fisheries and spawning areas with electronic detection equipment

Table 1.

WDFW and TRIBAL COLUMBIA RIVER COHO MASS MARKING and CODED-WIRE TAGGING 2022

Species: Chinook

Area: Columbia River

Brood: 2020

Release Year: 2022 and 2023

Data from 2019 Future Brood Document

10/21/2019

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)
			Ad Clipped	Unclipped	Ad Clipped	Unclipped			
WDFW	Deep River Net Pens	Lewis River - Type S	90,000	0	610,000	0	700,000	Y	Y
WDFW	Deep River Net Pens	Elochoman River - Type N	45,000	0	655,000	0	700,000	Y	Y
WDFW	Beaver Creek Hatchery	Grays River - Type N	45,000	0	255,000	0	300,000	Y	Y
WDFW	Beaver Creek Hatchery	Elochoman River - Type N	50,000	0	175,000	0	225,000	Y	Y
WDFW	Cowlitz	Cowlitz - Type N	0	0	1,200,000	0	1,200,000	Y	Y
WDFW	Cowlitz	Cowlitz - Type N (wild)	978,000	0	0	0	978,000	Y	Y
WDFW	N Toutle	Toutle - Type S	45,000	0	85,000	0	130,000	Y	Y
WDFW	Kalama Falls	Kalama Falls - Type N	45,000	0	255,000	0	300,000	Y	Y
WDFW	Lewis River*	Lewis River - Type S	75,000	75,000	950,000	0	1,100,000	Y	Y
WDFW	Lewis River*	Lewis River - Type N	75,000	75,000	750,000	0	900,000	Y	Y
WDFW	Washougal (Klickitat release)	Washougal - Type N	70,000	0	2,430,000	0	2,500,000	Y	Y
WDFW	Washougal	Washougal - Type N	45,000	0	85,000	0	130,000	Y	Y
Tribal	Klickitat	Klickitat - Type N	45,000	0	955,000	0	1,000,000	Y	Y
Tribal	Beaver Creek Acclimation Pond	Mid-Columbia Type S	0	100,000	0	0	100,000	NA	NA
Tribal	Butcher Pond	Mid-Columbia Type S	0	100,000	0	0	100,000	NA	NA
Tribal	Twisp Acclimation Pond	Mid-Columbia Type S	0	90,000	0	0	100,000	NA	NA
Total			1,653,000	440,000	8,460,000	0	90,000	NA	NA

*	DIT group	Total Coho Production	10,533,000
		Percent Marked	96%

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WDFW / TRIBAL – PUGET SOUND CHINOOK MASS MARKING 2022
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1. Purpose of Proposed Mass Marking

- The intent of this mass marking program is to provide a basis for estimating the contribution of hatchery produced fish to fisheries and escapement and to provide a basis for mark selective fisheries directed at hatchery populations.
- This proposal is similar to last year's proposal.
- Mark selective fisheries directed on these mass marked stocks are being proposed for recreational fisheries within Puget Sound and selected tributaries. These fish may also contribute to recreational and commercial MSFs along the Washington coast. Fish of this brood (2020) will recruit to fisheries starting in 2023.

2. Proposed Marking and Tagging Levels

Mass marking and DIT information for WDFW, Tribal and cooperative WDFW-Tribal programs is provided in Table 1.

3. Concerns Regarding the Proposal

- a. None known.
- b. Some general concerns have been identified by the SFEC related to the lack of interagency coordination with CWT sampling methodologies and mass marking / double index tagging of Chinook salmon.

Table 1.

WDFW and TRIBAL PUGET SOUND CHINOOK MASS MARKING and CODED-WIRE TAGGING 2022

Species: Chinook

Area: Puget Sound

Brood: 2020

Releases: 2022 and 2023

Data from 2020 Future Brood Document

10/21/2019

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)
			Ad Clipped	Unclipped	Ad Clipped	Unclipped			
WDFW	Kendall Creek	NF Nooksack springs	200,000	1,100,000	-	-	1,300,000	Y	Y
Tribal	Skookum Creek	SF Nooksack springs	200,000	500,000	-	-	700,000	Y	Y
Tribal	Lummi Bay Sea Ponds	NF Nooksack	100,000	-	400,000	-	500,000	Y	Y
WDFW	Marblemount *	Cascade River springs 0+	377,500	300,000	-	-	677,500	Y	Y
WDFW	Marblemount *	Cascade River springs 1+	100,000	200,000	400,000	-	700,000	Y	Y
WDFW	Hupp Springs	White River springs	-	400,000	-	-	400,000	Y	Y
WDFW/Tribal	Clarks Creek (White R Acc Ponds)	White River springs	-	-	-	800,000	800,000	N	N
Tribal	White River	White River springs	-	600,000	-	-	600,000	N	N
WDFW	Dungeness	Dungeness River springs	-	50,000	-	-	50,000	NA	NA
WDFW	Hurd Creek	Dungeness River springs 1+	-	50,000	-	-	50,000	NA	NA
WDFW	Graywolf Acclimation	Dungeness River springs 0+	-	50,000	-	-	50,000	NA	NA
WDFW	Upper Dungeness Acc Pond	Dungeness River springs 0+	-	50,000	-	-	50,000	NA	NA
TacPow	NF Skokomish	Skagit River 0+	-	365,000	-	-	365,000	NA	NA
TacPow	NF Skokomish	Skagit River 1+	-	80,000	-	-	80,000	NA	NA
Total spring chinook			977,500	3,745,000	800,000	800,000	6,322,500		
Percent Marked			28%						

WDFW	Marblemount	Skagit River summers	200,000	-	-	-	200,000	Y	Y
Tribal	Whitehorse	NF Stillaguamish River summers	220,000	-	-	-	220,000	Y	Y
Tribal	Bernie Gobin	Skykomish River summers	300,000	100,000	3,100,000	-	3,500,000	Y	Y
WDFW	Wallace River*	Skykomish River summers	100,000	-	500,000	-	600,000	Y	Y
WDFW	Wallace River	Skykomish River summers 1+	200,000	200,000	1,000,000	-	1,400,000	Y	Y
Total summer chinook			1,020,000	300,000	4,600,000	-	5,920,000		
Percent Marked			95%						
WDFW	Glenwood Springs	Glenwood Springs falls 0+	150,000	-	500,000	-	650,000	Y	Y
WDFW	Glenwood Springs	Glenwood Springs falls 1+	150,000	-	300,000	-	450,000	Y	Y
WDFW	Glenwood Springs	Glenwood Springs falls 2+	80,000	-	-	-	80,000	Y	Y
WDFW	Whatcom Creek	Samish River (Friday Creek) falls	-	-	500,000	-	500,000	Y	Y
WDFW	Samish*	Samish River falls	200,000	200,000	4,600,000	-	5,000,000	Y	Y
Tribal	Brenner Creek	SF Stillaguamish	200,000		-	-	200,000	NA	NA
WDFW	Soos Creek*	Big Soos Creek falls	200,000	200,000	2,800,000	-	3,200,000	Y	Y
WDFW/Tribal	Palmer	Big Soos Creek falls	-	-	-	1,000,000	1,000,000	N	N
WDFW	Icy Creek	Big Soos Creek falls 1+	200,000	-	100,000	-	300,000	Y	Y
WDFW	Issaquah	Issaquah Creek falls		-	2,000,000	-	2,000,000	Y	Y
WDFW	Minter Creek	Minter Creek falls 0+	100,000	-	1,150,000	-	1,250,000	Y	Y
Tribal	Gorst Creek+	Grovers Creek falls	400,000	-	1,400,000	-	1,800,000	Y	Y
Tribal	Grovers Creek	Grovers Creek falls	200,000	200,000	50,000	-	450,000	Y	Y
Tribal	Clarks Creek	Puyallup River falls	100,000	-	1,700,000	-	1,800,000	Y	Y
Tribal	Wilkeson Creek	Puyallup River falls	100,000	-	400,000	-	500,000	Y	Y
WDFW	Voights Creek	Voights Creek falls	-	-	1,600,000	-	1,600,000	Y	Y
WDFW	Garrison Springs	Garrison Springs falls	300,000	-	650,000	-	950,000	Y	Y
Tribal	Clear Creek *	Clear Creek falls	300,000	200,000	3,000,000	-	3,500,000	Y	Y
Tribal	Kalama Creek	Kalama Creek falls	100,000	-	500,000	-	600,000	Y	Y
WDFW	Tumwater Falls	Deschutes River falls	-	-	3,800,000	-	3,800,000	Y	Y
WDFW	George Adams *	George Adams falls	225,000	425,000	3,150,000	-	3,800,000	Y	Y
WDFW	McKernan	Skokomish River	-	50,000	-	-	50,000	Y	Y
WDFW	Hoodsport	Hoodsport falls	200,000	-	2,800,000	-	3,000,000	Y	Y
WDFW	Hoodsport	Hoodsport falls 1+	100,000	-	20,000	-	120,000	Y	Y

WDFW	Elwha	Elwha River falls	250,000	-	-	2,250,000	2,500,000	NA	NA
WDFW	Elwha	Elwha River falls 1+	-	200,000	-	-	200,000	NA	NA
Tribal	Hoko Falls	Hoko River falls	200,000	-	-	220,000	420,000	Y	Y
* = DIT Group			Total fall chinook	3,755,000	1,475,000	31,020,000	3,470,000	39,720,000	
+= Funding Dependent. If no PSRFE funding will be 100k ad only			Percent Marked	88%					
Total			5,752,500	5,520,000	36,420,000	4,270,000	51,962,500		
Total Chinook Production						51,962,500			
Percent Marked						81%			

Template for 2022 Mass Marking Proposals

Mass Marking Proposal ID #

Date Received

A. PROPOSAL TITLE:

WDFW / TRIBAL – PUGET SOUND COHO MASS MARKING 2022

This template is intended for proposals to mark any Chinook or Coho Salmon release group(s) from a hatchery or hatchery complex where the fish are marked with an adipose clip and the fish are expected to be intercepted in Pacific Salmon Commission (PSC) fisheries.

Is the proposal:

<input type="checkbox"/>	New
<input checked="" type="checkbox"/>	A continuation of a previous proposal

B. CONTACT INFORMATION

Proposing Agency	Washington Department of Fish and Wildlife
Contact Person	Jill Cady
Mailing Address	P.O. Box 43200, Olympia, WA 98504-3200, MS: 43150
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C. PROPOSAL DETAILS

1. Purpose of Proposed Mass Marking

- The intent of this mass marking program is to provide a basis for estimating the contribution of hatchery produced fish to fisheries and escapement and to provide a basis for mark selective fisheries directed at hatchery populations.
- This proposal is similar to last year's proposal.
- Mark selective fisheries directed on these mass marked stocks are being proposed for recreational fisheries within Puget Sound and selected tributaries. These fish may also contribute to recreational and commercial MSFs along the Washington coast. Fish of this brood (2020) will recruit to fisheries starting in 2023.

2. Proposed Marking and Tagging Levels

Mass marking and DIT information for WDFW, Tribal and cooperative WDFW-Tribal programs is provided in Table 1.

3. Concerns Regarding the Proposal

- a. None known.
- b. Some general concerns have been identified by the SFEC related to mass marking of coho salmon, mostly related to the ability to completely sample all fisheries and spawning areas with electronic detection equipment

Table 1.

WDFW and TRIBAL PUGET SOUND COHO MASS MARKING and CODED-WIRE TAGGING 2022

Species: Coho

Area: Puget Sound

Brood: 2020

Release Year: 2022

Data from 2020 Future Brood Document

10/21/2019

Agency	Hatchery	Stock	Number of fish to be released with a CWT		Number of fish to be released without a CWT		Total Production	Proposed to be marked this year (Y/N)	Marked in previous year (Y/N)
			Ad Clipped	Unclipped	Ad Clipped	Unclipped			
WDFW	Baker Lake	Baker River	-	-	56,800	-	56,800	Y	Y
Tribal	Lummi Bay Sea Pens	Lummi Bay	50,000	-	950,000	-	1,000,000	Y	Y
Tribal	Skookum Creek	Skookum Creek	50,000	-	950,000	-	1,000,000	Y	Y
WDFW	Marblemount*	Skagit (Clark Creek)	45,000	45,000	410,000	-	500,000	Y	Y
WDFW	Wallace River*	Skykomish (May Creek)	45,000	45,000	60,000	-	150,000	Y	Y
Tribal	Bernie Gobin	Skykomish (May Creek)	70,000	-	1,430,000	-	1,500,000	Y	Y
WDFW	NWSSC - Eagle Creek	Skykomish (May Creek)	-	-	54,000	-	54,000	Y	Y
WDFW	Everett Steelhead and Salmon	Skykomish (May Creek)	-	-	20,000	-	20,000	Y	Y
Tribal	Harvey Creek	Fortson Creek	200,000	-	-	-	200,000	Y	Y
WDFW	Issaquah	Issaquah Creek	-	-	450,000	-	450,000	Y	Y
WDFW	Soos Creek*	Green River (Soos Creek)	45,000	45,000	510,000	-	600,000	Y	Y
Tribal	Keta Creek / Crisp Creek	Green River (Soos Creek)	-	50,000	-	950,000	1,000,000	Y	Y
Tribal	Elliott Bay Net Pens	Green River (Soos Creek)	-	50,000	-	400,000	450,000	Y	Y
WDFW	TU- Des Moines (Trout Unlimited)	Green River (Soos Creek)	-	-	30,000	-	30,000	Y	Y
WDFW	Voights Creek*	Puyallup (Voights Creek)	45,000	45,000	690,000	-	780,000	Y	Y
WDFW/Tribal	Puyallup	Puyallup (Voights Creek)	50,000	-	250,000	-	300,000	Y	Y
Tribal	Puyallup Tribal (Rushing)	Puyallup (Voights Creek)	100,000	-	-	-	100,000	Y	Y

Tribal	Clarks Creek	Puyallup (Voights Creek)		-	100,000	-	100,000	Y	Y
Tribal	Agate Pass Sea Pens	Minter Creek	50,000	-	300,000	-	350,000	N	Y
WDFW	Minter Creek	Minter Creek	45,000	-	455,000	-	500,000	Y	Y
WDFW	SSNP	Skykomish (May Creek)	50,000	-	1,050,000	-	1,100,000	Y	Y
Tribal	Squaxin Pens	Skykomish (May Creek)	75,000	-	1,425,000	-	1,500,000	Y	Y
Tribal	Garrison Springs	Minter Creek	-	-	100,000	-	100,000	N	Y
Tribal	Kalama Creek	Kalama Creek	45,000	-	355,000	-	400,000	Y	Y
Tribal	Clear Creek	Kalama Creek	50,000	-	200,000	-	250,000	Y	Y
WDFW	George Adams*	George Adams (Purdy Creek)	45,000	45,000	210,000	-	300,000	Y	Y
Tribal	NF Skokomish	NF Skokomish	10,000			-	10,000	Y	Y
WDFW-Tribal	Port Gamble Net Pens	Big Quilcene River	45,000	-	755,000	-	800,000	Y	Y
Tribal	Quilcene Bay Net Pens	Big Quilcene River	40,000	-	110,000	-	150,000	Y	Y
WDFW	Dungeness	Dungeness	-	-	800,000	-	800,000	Y	Y
WDFW	Dungeness	Cooper Creek				2,000	2,000	NA	NA
Tribal	Lower Elwha *	Elwha River	75,000	75,000	275,000	-	425,000	Y	Y
Tribal	Hoko Falls	Hoko River	95,000	-		-	95,000	N	Y

* = DIT Group

Total **1,325,000** **400,000** **12,030,800** **1,352,000** **15,107,800**

Total Coho Production **15,107,800**

Total Percent Marked **88%**