

Coastal Multi-Species Conservation and Management Plan

**Revised DRAFT Portfolio of
Hatchery and Harvest Management Actions
(a.k.a. “The Strawman”)**

PRE-DECISIONAL: FOR DISCUSSION PURPOSES ONLY

1/23/13

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Hatchery Program Modifications

Management Area	Stratum	Matrix of Proposed Hatchery Program Changes				
		CO	ChF	ChS	StW	StS
Necanicum R	North Coast Stratum		25,000		40,000	
Nehalem Bay						
NF Nehalem R		100,000			90,000	
Nehalem R						
Nehalem - Salmonberry R						
Tillamook Bay						
Tillamook - Miami R			50,000 unfed fry to 0			
Tillamook - Kilchis R			80,000 unfed fry to 0		40,000 to 0	
Tillamook - Wilson R				125,000 to 0	140,000 to 150,000	30,000 to 0
Tillamook - Trask R		100,000	113,000 to 150,000 130,000 unfed fry to 0	220,000 to 400,000 *		
Tillamook R						
Nestucca Bay						
Nestucca R			100,000 50,000 unfed fry to 0	110,000 to 200,000 *	110,000	70,000 to 100,000
Little Nestucca R				0 to 30,000	0	
Salmon R		Mid-Coast Stratum		200,000		
Siletz Bay						
Siletz R					50,000	80,000 to 50,000 ^a
Siletz - Drift Crk						
Yaquina Bay				0 to 100,000 *		
Yaquina R						
Yaquina - Big Elk Crk					20,000 to 0	
Alsea Bay						
Alsea R					120,000 ^a	
Alsea - Drift Crk						
Yachats Aggregate						
Siuslaw Bay						
Siuslaw - Lake Crk					15,000 to 0	
Siuslaw R					85,000 to 100,000	
Umpqua Bay	Umpqua Stratum			170,000 ^b		
Umpqua - Smith R						
Lower Umpqua R						
Middle Umpqua R			300,000			
N Umpqua R				342,000 to 340,000 ^b		165,000
N Umpqua - above Rock Crk						
S Umpqua R		60,000			120,000 to 150,000 *	
Tenmile Lk/Crk	Mid-South Stratum				21,000 to 25,000	
Coos Bay Frontal			1,993,000 to 2,000,000	0 to 100,000 *		
Coos - EF Millicoma R					53,000 to 60,000	
Coos - WF Millicoma R			100,000 to 0		35,000 to 40,000	
SF Coos R					37,000 to 0	
Coquille Bay			175,000 to 120,000			
NF Coquille R					25,000	
EF Coquille R					20,000 to 0	
Middle Fork Coquille R						
SF Coquille R					70,000 to 90,000	
Floras/New R						
Sixes R						
Elk R		325,000 to 250,000				
NADOTs	<i>mixed</i>					
TOTAL		260,000 to 260,000	3,501,000 to 3,315,000 ^c	797,000 to 1,170,000	1,091,000 to 1,050,000	345,000 to 315,000

260000 to 260000 3501000 to 3315000 797000 to 1170000 1091000 to 1050000 345000 to 315000

LEGEND

- "to" indicates that there is a change in the program; there is no change if "to" is not in the cell
- Green Text and Gray Shading = modification to original "strawman" based on consensus, or near-consensus, of Stakeholders during workshop meetings
- Bolded Blue Text = new item that either did not receive consensus Stakeholder support or represents current thinking after meeting with Stakeholders

FOOTNOTES

- * may require new program funding, staffing, and/or facilities
- ^a effectiveness of Alsea StW and Siletz StS hatchery programs will be evaluated with the potential for increases (see **OTHER ACTIONS** for details)
- ^b focused monitoring will determine if release number is appropriate or should be changed; other focused monitoring locations to be determined
- ^c ChF totals do not include unfed fry releases identified in the table (total unfed fry = 310,000 to 0)

NOTES

- Management Areas that are not filled in have no hatchery releases
- educational programs are excluded from consideration, and are assumed to have little to no conservation or fishing opportunity impacts
- short-term research programs are excluded from consideration
- new hatchbox programs were considered but there was no identified need for this hatchery production option
- **NF Coquille StW - program maintained to not exacerbate SF Coquille access and crowding issues**
- **SF Coquille StW - program increased by amount removed from EF Coquille**

OTHER ACTIONS

- all hatchery fish released must have an external identifying mark (typically an adipose finclip), excluding those released for research purposes
- monitor and adaptively manage programs to meet performance targets (to be identified in written draft of Plan)
- Necanicum StW - 2 stray reduction actions: 1) identify a tributary for releases, 2) possibly use weirs to retain returning hatchery adults
- L Nestucca ChS - look into tidewater fishery (develop acclimation site) and stock 30k if feasible (shifted from Nestucca or new production)
- Salmon R ChF - 3 stray reduction actions: 1) improve weir, 2) do not pass hatchery fish above weir, and 3) use <10% wild brood during very low returns
- Siletz R StS - **if fishery declines: add back 30k or explore limited wild brood infusion**
- Coos and Yaquina R ChS - monitor and review in 5 years
- Alsea StW - increase to 140k if research and recent program changes don't lead to increased outmigrant survival, returns to fishery, or straying
- SF Coquille R StW - identify new access opportunities
- Elk R ChF - 9 stray reduction actions:
 - o Trap longer at the hatchery (early and late)
 - o Improve genetic diversity when gathering broodstock (e.g., take later and older fish)
 - o Improve ladder outlet (for attraction) at the hatchery
 - o Explore additional attractant options at the hatchery
 - o Improve nutrient enrichment above the hatchery if there are no disease concerns
 - o Increase monitoring efforts with identified adaptive management thresholds
 - o Establish stray rates
 - o At the District level, manage emergency closures for fisheries if needed (e.g., to protect early returns in dry years)
 - o Place more emphasis on estuary enhancement

DRAFT - Pre-Decisional, For Discussion Purposes Only
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 Retention of Wild Fish

Management Area	Stratum	Matrix of Proposed Wild Harvest Changes						
		CO	Chin	Protected Ch ^a /ChS	Chum	StW	StS	CCT
Necanicum R	North Coast Stratum	N	Retention	---	N	N	---	Retention
Nehalem Bay		Retention	Retention	Retention	N	N	---	Retention
NF Nehalem R		N	Retention	Retention	N	N	---	Retention
Nehalem R		N	Retention	Retention	N	N	---	Retention
Nehalem - Salmonberry R		N	N	N	N	N	---	N
Tillamook Bay		Retention	Retention	N	N	N	---	Retention
Tillamook - Miami R		N	Retention	N	N	N	---	Retention
Tillamook - Kilchis R		N	Retention	N	N	N	---	Retention
Tillamook - Wilson R		N	Retention	N	N	N	---	Retention
Tillamook - Trask R		N	Retention	N	N	Retention*	---	Retention
Tillamook R		N	Retention	N	N	N	---	Retention
Nestucca Bay		Retention	Retention	N	N	N	---	Retention
Nestucca R		N	Retention	N	N	N	---	Retention
Little Nestucca R		N	Retention	N	N	N	---	Retention
Salmon R	Mid-Coast Stratum	N	Retention	---	N	Retention*	---	Retention
Siletz Bay		Retention	Retention	Retention	N	N	N	Retention
Siletz R		Retention	Retention	Retention	N	N	N	Retention
Siletz - Drift Crk		N	Retention	N	N	N	N	Retention
Yaquina Bay		Retention	Retention	---	N	N	---	Retention
Yaquina R		N	Retention	---	N	N	---	Retention
Yaquina - Big Elk Crk		N	Retention	---	N	Retention*	---	Retention
Alsea Bay		Retention	Retention	N	N	N	---	Retention
Alsea R		Retention	Retention	N	N	N	---	Retention
Alsea - Drift Crk		N	Retention	N	N	N	---	Retention
Yachats Aggregate		N	Retention	---	N	N	---	Retention
Siuslaw Bay		Retention	Retention	---	N	N	---	Retention
Siuslaw - Lake Crk		N	Retention	---	N	Retention*	---	Retention
Siuslaw R		Retention	Retention	---	N	N	---	Retention
Umpqua Bay	Umpqua Stratum	Retention	Retention	Retention	N	N	N	Retention
Umpqua - Smith R		N	Retention	N	N	N	N	Retention
Lower Umpqua R		N	Retention	Retention	N	Retention*	N	Retention
Middle Umpqua R		N	Retention	Retention	N	Retention*	N	Retention
N Umpqua R		N	N	Retention	N	N	N	N*
N Umpqua - above Rock Crk		N	N	N	N	N	N	N*
S Umpqua R	N	N	N	N	N	N	N*	
Tenmile Lk/Crk (Silt/Tahk) ^b	Mid-South Stratum	Retention	---	---	N	N	---	Retention
Coos Bay Frontal		Retention	Retention	---	N	N	---	Retention
Coos - Millicoma R		N	Retention	---	N	N	---	Retention
SF Coos R		N	Retention	---	N	Retention*	---	Retention
Coquille Bay		Retention	Retention	N	N	N	---	Retention
NF Coquille R		N	Retention	N	N	N	---	Retention
EF Coquille R		N	N	N	N	Retention*	---	Retention
Middle Fork Coquille R		N	Retention	N	N	N	---	Retention
SF Coquille R		N	Retention	N	N	N	---	Retention
Floras/New R		Retention*	Retention	---	N	N	---	Retention
Sixes R		N	Retention	---	N	Retention	---	Retention
Elk R	n/a	Retention	---	---	n/a	---	n/a	
NADOTs		N	N	---	N	N	---	Retention ^c

LEGEND

- N - no retention of wild fish allowed
- Retention - retention of wild fish allowed (see Retention Schedule for details)
- * - change from current management regarding wild fish retention
- Green Text and Gray Shading = modification to original "strawman" based on consensus, or near-consensus, of Stakeholders during workshop meetings
- Bolded Blue Text = new item that either did not receive consensus Stakeholder support or represents current thinking after meeting with Stakeholders

FOOTNOTES

- ^a Protected Ch includes the summer Chinook run in the Nehalem
- ^b Harvest for Siltcoos and Tahkenitch same as Tenmile, not other NADOTs
- ^c Some NADOTs are not currently open for the retention of cutthroat trout (see *Oregon Sport Fishing Regulations*) and would remain so under this proposal

NOTES

- see Retention Schedule for details about how many wild fish may be retained where allowed
- "NADOTs" include all direct ocean tributaries not listed above
- in Management Areas open to retention, the annual *Oregon Sport Fishing Regulations* may identify locations within them closed to angling
- **Coho clarification: SMU proposal is to allow retention only to current deadlines, without expanding further into rivers; current deadlines are mostly within tidewater (including into some rivers above bays) but a few are above tidewater**
- Umpqua CCT - retention currently only in tributaries and not mainstem; this would continue in the tribs of the Lower and Middle Umpqua
- **Umpqua StW - in mainstem below forks only, excluding bay**
- **NF and EF Coquille - StW retention reversed from Stakeholder recommendation due to hatchery decisions and social issues on SF**

OTHER ACTIONS

- **SF Coos and EF Coquille StW - implement after all H fish return and monitor at least one area; if harvest >20% possibly eliminate retention**
- **Elk R ChF - explore options to mitigate the economic impact of Elk R hatchery reduction to the troll fishery (e.g., allow harvest of extra hatchery fish in the terminal ocean fishery)**
- see Deferred Regulations summary

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 Wild Fish Retention Limits

		Daily/Annual Retention Limits: Wild Salmon, Steelhead and Trout SMUs									
Limit Area	Stratum	Predicted Stratum Abundance Cycle	Chinook SMU				Spring Chinook SMU	Chum SMU	Winter Steelhead SMU	Cutthroat SMU	
			Coho SMU	Primary Limits	Protected Period (Sub-Limits of Primary)						
			• 9/1 through 11/30	• 8/1 through 12/31 • Nehalem: 9/16 through 12/31 • Siuslaw Lake Crk: 10/15 through 12/31	• Siletz: 4/1 through 7/31 • Nehalem: 5/2X through 9/15 • All Others: no retention 4/1 through 7/31 or closed		• 2/1 through 7/31	• 9/16 through 11/15	• 12/1 through 4/30	• 5/2X to 10/31	
Coastal Strata	North Coast	Low	N*	1/5	1/1	---	N	N	N**		
		Average	1/2	1/10	1/5	---	N	unique tag required	2 fish/day over 8", no bait		
		High	1/5	2/20	1/10	---	N				
	Mid-Coast	Low	N*	1/5	1/1	---	N	N	N**		
		Average	1/2	2/10	1/2	---	N	1/3	2 fish/day over 8", no bait		
		High	1/5	2/20	1/2	---	N				
	Umpqua	Low	N*	1/5	---	1/1	N	N	N**		
		Average	1/2	2/10	---	2/5	N	unique tag required	2 fish/day over 8", no bait		
		High	1/5	2/20	---	2/10	N				
	Mid-South Coast	Low	N*	1/5	---	---	N	N	N**		
		Average	1/2	2/10 Elk, Sixes: 1/10	---	---	N	1/3 Sixes: 1/5	2 fish/day over 8", no bait		
		High	1/5	2/20 Elk, Sixes: 1/10	---	---	N				
	Coastal SMUs	All / Cross-Strata	All	highest annual stratum bag limit is SMU annual limit	highest annual stratum bag limit is SMU annual limit	highest annual stratum bag limit is SMU annual limit	n/a	N	highest annual stratum bag limit is SMU annual limit	no annual limits	
	Statewide	---	All	All Salmon and Steelhead Combined (1/1 through 12/31): 2/20							---
	SMU-Specific NOTES			<ul style="list-style-type: none"> limits without a quota system in place and while still ESA-listed (approach requires NOAA approval) when de-listed, limits reconsidered for liberalization 		<ul style="list-style-type: none"> Chinook caught during the Protected Period count toward the annual bag limit for Chinook (identified under Chinook "Primary Limits") 	<ul style="list-style-type: none"> Umpqua spring Chinook have their own bag limits (i.e., they are in addition to Umpqua Chinook Primary Limits) 		<ul style="list-style-type: none"> limited locations in each stratum no retention of wild summer steelhead 	<ul style="list-style-type: none"> "no bait", except where bait specifically allowed for other species 	

LEGEND

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- **Bolded Blue Text = new item that either did not receive consensus Stakeholder support or represents current thinking after meeting with Stakeholders**

FOOTNOTES

- * **wild coho harvest not allowed under low abundance cycle unless creel implemented with conservative quota**
- ** **cutthroat harvest not allowed in mainstems during low abundance cycle (based on extremely low marine survival of coho) to protect searun life history; tributaries will remain open to harvest**

NOTES

- periods indicated are for wild fish retention; local closures/openers in the annual *Oregon Sport Fishing Regulations* take precedence over these but will generally address catch-and-release allowances and hatchery fish retention
- 5/2X indicates the 4th Saturday in May
- strata may be in different abundance cycles, determined annually for coho (also serving as a surrogate for cutthroat), Chinook, and Umpqua spring Chinook
- **wild coho abundance cycle thresholds will need to be consistent with the PFMC's Amendment 13 of the Salmon Fishery Management Plan**
- **methods for defining Chinook abundance cycle thresholds and the proportion of time expected to be in each category need to be determined**
- the Protected Period for Chinook allows for harvest in locations where stable and relatively abundant spring or summer Chinook life history variants exist which are not currently considered independent populations
- **cross-strata limits identify limits for the entire SMU area and dictate the ability to retain wild fish in other strata once a limit in one stratum is reached; the cross-strata limits are equivalent to the maximum (i.e., most liberal) within-stratum limit for each SMU in a given year (note: the within-stratum limits are not summed/aggregated for the cross-strata limit)**
- hatchery fish count toward limit unless recorded on hatchery harvest tag
- **Trask StW - controlled fish/limited entry/special tag for harvest, with a cap of lessor of 10% total harvest or X fish (to be determined)**
- *Umpqua StW - controlled fish/limited entry/special tag for mainstem (above estuary, below forks) harvest, with 32" size limit and cap of lessor of 10% total Umpqua harvest or 2,000 fish*

OTHER ACTIONS

- populations that reach critically low levels will be closed independent of this harvest management system
- it will be mandatory to return annually the combined angling tag (= harvest card/tag/punch card); penalty for not returning yet to be determined (fee vs denied license; process)
- the combined angling tag will be updated, considering: location (revised management areas and strata), catch date, marks (W, H), jack catch, fish caught-and-released
- efforts will be made to institute guide log books with OSMB and guides, with a pilot project as the first step and including provisions to protect proprietary information
- see Deferred Regulations summary

1/23/13

Deferred Angling Regulations - Summary

note: these proposals are from the 2012 Angling Regulation development process and decisions upon them were deferred until Plan adoption; these will be assessed for future adoption based on consistency with the approved Plan's direction

ODFW *(all consistent with current Portfolio)*

- **Necanicum (all SMUs) - tributaries and stream sections not listed in Zone regulations are closed (to protect cutthroat and juvenile salmonids and to make consistent with Mid-Coast regs)**
- Nehalem ChF - deadline at Foss Rd Bridge
- **Nehalem (all SMUs) - River and Bay tributaries not listed in Zone regulations are closed (to protect cutthroat and juvenile salmonids and to make consistent with Mid-Coast regs)**
- **Kilchis ChF - deadline at Tilden Bluff's Road (Barker's /Green) Bridge (RM 11.0)**
- Wilson ChF - deadline at Jordan Crk
- Nestucca ChF - deadline at 5th Bridge
- Siletz Drift Crk ChF - deadline at Quarry Crk
- **Siletz R ChF - deadline at Ojalla Bridge (Town Loop closed)**
- Siletz R - protected period ("ChS") deadline at Moonshine Park
- Yaquina R ChF - deadline near head of tide on both forks (Big Elk deadline at Bear Creek (Updyke Road); Yaquina deadline at Simpson Creek near Hwy 20)
- **Alsea Drift Crk ChF - deadline at lower Drift Crk Wilderness boundary (RM 10)**
- Siuslaw Lk Crk ChF - deadline at Indian Crk and opens 10/15
- **Siuslaw Lk Crk CO - deadline at Indian Crk**
- **SF Coos R CO, Chin - deadline at Dellwood**
- **SF Coos Tioga Crk steelhead - open 12/1 instead of trout opener to protect spawning fall Chinook**

PUBLIC

- (#s: 99P, 73P, 77P; all similar with some variations) Nehalem Chinook - daily bag of 1, closed lower estuary ("jaws"), open to and closed above Peterson Crk *(partially consistent with current Portfolio)*
- (#: 36P) Nehalem Chinook - daily bag of 1 and close N Fk above Aldervale *(partially consistent with current Portfolio)*
- (#: 92P) Nestucca ChF - move ChF deadline down to First Bridge *(inconsistent with ODFW proposal)*
- (#s: 56P, 125P, 75P/31P/66P/85P, 18P) Umpqua StW – 1/5 for wild StW in various locations, respectively: NUmpqua, Umpqua main and to Rock Crk, Umpqua main to forks, Umpqua main to RM112 *(concept consistent, though details inconsistent, with current Portfolio)*