

Rogue-South Coast Multi-Species Conservation and Management Plan

Hatchery Program Summaries

2022–2025

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Annual RSP Hatchery Program Summaries (2022–2025)

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	CHE-StW
Run:	Winter	Stock Name:	Chetco River (96)
SMU:	Rogue–South Coast	Program Type:	Harvest: Augmentation
Population Area:	Chetco	Broodstock Type:	Local, integrated
Management Area/s:	Chetco R: Below Nook Cr	Program Duration:	1969 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Chetco River	various locations		District/STEP	Collect (Angler-Caught), Release
Elk River Hatchery	42.73889	-124.4028	Hatchery	Hold, Spawn, Incubate, Rear

BROODSTOCK AND RELEASE (N/A = not available)

Brood Year	Hatchery Origin Brood	Natural Origin Brood ^a	% Natural Origin Brood	Smolt Release ^b
2021	3	54	95%	8,535
2022	14	43	75%	60,997
2023	13	17	57%	21,619
2024	12	28	70%	32,930
<i>Average</i>				<i>31,020</i>
Annual Release Target				50,000

HATCHERY RETURNS (N/A = not available; "-" = not applicable)

Return Year ¹	Ocean Harvest	Bay and River Harvest	Retained at Hatchery ²
2022	-	510	17
2023	-	152	18
2024	-	30	13
2025	-	81	4
<i>Average</i>		<i>193</i>	<i>13</i>

¹Includes returns from multiple brood years; 2026 return year will be first with majority of return from post-RSP brood years

²Fish retained at hatchery or other program collection site (for broodstock, release into lakes, donation to food banks, stream enrichment, etc.)

PROGRAM NOTES

^a Angler-caught wild broodstock are live spawned at ERH and then transported back to the Chetco River and released.

^b Portion of release was coded wire tagged in brood years 2022-2024.

Annual RSP Hatchery Program Summaries (2022–2025)

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	ROG-StW
Run:	Winter	Stock Name:	Rogue River (52)
SMU:	Rogue–South Coast	Program Type:	Mitigation
Population Area:	Upper Rogue	Broodstock Type:	Local, integrated
Management Area/s:	Upper Rogue Urban	Program Duration:	1972 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Cole Rivers Hatchery	42.6636	-122.6836	Hatchery	Capture, Hold, Spawn, Incubate, Rear, Release

BROODSTOCK AND RELEASE (N/A = not available)

Brood Year	Hatchery Origin Brood	Natural Origin Brood	% Natural Origin Brood	Smolt Release ^a
2021	458	73	14%	157,323 ^b
2022	418	49	10%	104,376
2023	674	98	13%	53,984
2024	802	52	6%	N/A
<i>Average</i>				105,228
Annual Release Target				132,000

HATCHERY RETURNS (N/A = not available; "-" = not applicable)

Return Year ¹	Ocean Harvest	Bay and River Harvest ²	Returns to Hatchery ³
2022	-	1,189	1,085
2023	-	949	1,099
2024	-	442	886
2025	-	420	1,511
<i>Average</i>		750	1,145

¹Includes returns from multiple brood years; 2026 return year will be first with majority of return from post-RSP brood years

²Total estimated adult hatchery winter steelhead harvest in the Rogue Basin; does not include half-pounder harvest.

³Return of hatchery steelhead after harvest in downstream fisheries (from end of season hatchery trap tally).

PROGRAM NOTES

^a Smolts from one brood year can be released at different ages (i.e., different calendar years), so brood year release does not correspond to annual program release; the program is being adaptively managed to meet the annual release target.

^b 2021 brood year produced 67,574 smolts released in 2022 to make up for production shortage in the 2020 brood year, and 157,323 smolts released in 2023.

Annual RSP Hatchery Program Summaries (2022–2025)

HATCHERY PROGRAM SUMMARY

Species:	Steelhead	ID:	APP-StW
Run:	Winter	Stock Name:	Applegate (62)
SMU:	Rogue–South Coast	Program Type:	Mitigation
Population Area:	Middle Rogue/Applegate	Broodstock Type:	Local, integrated
Management Area/s:	Applegate: below Dam, Middle Rogue Urban	Program Duration:	1981 - Ongoing

FACILITIES/LOCATIONS

Name	Latitude	Longitude	Operated By	Activities
Applegate Collection Facility	42.0577	-123.1140	Hatchery	Capture
Cole Rivers Hatchery	42.6636	-122.6836	Hatchery	Hold, Spawn, Incubate, Rear
Applegate River	42.0578	-123.0758	Hatchery	Release
Greens Cr Acclimation	42.4247	-123.2593	STEP	Acclimate, Release
Skunk Cr Acclimation	42.4307	-123.3215	STEP	Acclimate, Release
Jump Off Joe Cr Acclimation	42.5289	-123.4897	STEP	Acclimate, Release

BROODSTOCK AND RELEASE (N/A = not available)

Brood Year	Hatchery Origin Brood	Natural Origin Brood	% Natural Origin Brood	Smolt Release ^{a,b}
2021	237	14	6%	120,911
2022	363	14	4%	139,337
2023	332	8	2%	83,006
2024	862	74	8%	N/A
<i>Average</i>				114,418
Annual Release Target				131,000

HATCHERY RETURNS (N/A = not available; "-" = not applicable)

Return Year ¹	Ocean Harvest	Bay and River Harvest	Returns to Hatchery ²
2022	-		745
2023	-		463
2024	-	See ROG-STW	2,037
2025	-		1,376
<i>Average</i>			1,155

¹Includes returns from multiple brood years; 2026 return year will be first with majority of return from post-RSP brood years

²Return of hatchery steelhead after harvest in downstream fisheries (from end of season hatchery trap tally).

PROGRAM NOTES

^a Releases of approximately 10,000 smolts at Greens Creek and Skunk Creek acclimation sites began in 2017 and use stock 52 winter steelhead from Applegate production originally. Release numbers may vary between the two release sites.

^b RSP shifted 15,000 smolts from Applegate River release to new release at Jump Off Joe Cr acclimation site.

Annual RSP Hatchery Program Summaries (2022–2025)

HATCHERY PROGRAM SUMMARY				
Species:	Steelhead	ID:	ROG-StS	
Run:	Summer	Stock Name:	Rogue River (52)	
SMU:	Rogue–South Coast	Program Type:	Mitigation	
Population Area:	Upper Rogue, Middle Rogue/Applegate	Broodstock Type:	Local, integrated	
Management Area/s:	Upper Rogue Urban, Middle Rogue Urban	Program Duration:	1972 - Ongoing	
FACILITIES/LOCATIONS ^a				
Name	Latitude	Longitude	Operated By	Activities
Cole Rivers Hatchery	42.6636	-122.6836	Hatchery	Capture, Hold, Spawn, Incubate, Rear, Release
Rogue River near Gold Hill	42.4374	-123.0419	Hatchery	Release
BROODSTOCK AND RELEASE (N/A = not available)				
Brood Year	Hatchery Origin Brood	Natural Origin Brood	% Natural Origin Brood	Smolt Release ^{b, c}
2021	501	39	7%	220,152
2022	230	112	33%	163,584
2023	903	170	16%	0 ^d
2024	423	63	13%	189,820
<i>Average</i>				143,389
Annual Release Target				220,000
HATCHERY RETURNS (N/A = not available; "-" = not applicable)				
Return Year ¹	Ocean Harvest	Bay and River Harvest ²	Returns to Hatchery ³	
2022	-	1,877	4,028	
2023	-	2,289	3,885	
2024	-	607	3,926	
<i>Average</i>		<i>1,591</i>	<i>3,946</i>	
¹ Includes returns from multiple brood years; 2026 return year will be first with majority of return from post-RSP brood years ² Total estimated adult hatchery summer steelhead harvest in the Rogue Basin; does not include half-pounder harvest. ³ Return of hatchery steelhead after harvest in downstream fisheries (from end of season hatchery trap tally).				
PROGRAM NOTES				
^a Off-site release of 37,000 smolts near Gold Hill is intended to reduce predation risk for naturally produced spring Chinook salmon. ^b Smolts from one brood year can be released at different ages (i.e., different calendar years), so brood year release does not correspond to annual program release; the program is being adaptively managed to meet the annual release target. ^c 2022 brood year produced 69,680 smolts released in 2024 to make up for production shortage in the 2023 brood year, and 93,904 smolts released in 2023. ^d All 2023 brood year production was lost in a mortality event at the hatchery.				

Annual RSP Hatchery Program Summaries (2022–2025)

HATCHERY PROGRAM SUMMARY				
Species:	Coho	ID:	ROG-Co	
SMU:	Rogue–South Coast	Stock Name:	Rogue Hatchery Stock (52)	
Population Area:	Upper Rogue, Middle Rogue/Applegate	Program Type:	Mitigation	
Management Area/s:	Upper Rogue Urban, Middle Rogue Urban	Broodstock Type:	Local, integrated	
		Program Duration:	1975 - Ongoing	
FACILITIES/LOCATIONS				
Name	Latitude	Longitude	Operated By	Activities
Cole Rivers Hatchery	42.6636	-122.6836	Hatchery	Capture, Hold, Spawn, Incubate, Rear, Release
Rogue River near Gold Hill	42.4374	-123.0419	Hatchery	Release
BROODSTOCK AND RELEASE (N/A = not available)				
Brood Year	Hatchery Origin Brood	Natural Origin Brood	% Natural Origin Brood	Smolt Release ^a
2021	45	86	66%	51,847
2022	182	59	24%	112,129
2023	107	46	30%	82,152
2024	44	155	78%	N/A
			<i>Average</i>	<i>82,043</i>
			Annual Release Target	100,000^{b,c}
HATCHERY RETURNS (N/A = not available; "-" = not applicable)				
Return Year ¹	Ocean Harvest	Bay and River Harvest	Returns to Hatchery ²	
2022	62	163	1,311	
2023	39	136	947	
2024	71	1,190	1,894	
<i>Average</i>	<i>57</i>	<i>496</i>	<i>1,384</i>	
¹ 2025 return year will be first with majority of return from post-RSP brood years				
² Return of hatchery coho after harvest in downstream fisheries (from end of season hatchery trap tally)				
PROGRAM NOTES				
^a Program release target was 200,000 smolts for many years prior to reduction in brood year 2013.				
^b RSP increased Coho Hatchery Stock 52 release from 75,000 to 100,000 smolts, pending additional funding.				
^c Off-site release of restored production near Gold Hill is intended to reduce predation risk for naturally produced spring Chinook salmon.				