



CLACKAMAS SUBBASIN FISH MANAGEMENT

Operating Principles and Objectives

Habitat

635-500-0810

Habitat

It is the objective of the Department to:

**(1) Promote habitat conditions that contribute to achieving the desired status identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575). This includes, but is not limited to, the following actions:**

**(a) [(4)-]Maintain and improve upstream and downstream passage for anadromous fish at dams, diversions, power projects, and, where appropriate, at natural barriers;**

**(b) [(2)-]Provide necessary in-stream flows for fish production;**

**(c) [(3)-]Reduce the impacts of reservoir management on fish production;**

**(d) [(4)-]Protect existing stream habitat from degradation associated with timber harvest and other related activities on forested lands, with road construction, and with development on private and agricultural lands;**

**(e) [(5)-]Inventory streams and assess watershed characteristics that affect fish production.**

Stat. Auth.: ORS 496.138, 496.146 and 506.119

Stats. Implemented: ORS 506.109 and 506.129

Finfish

635-500-0820

Winter Steelhead

(1) The following operating principles apply to the Clackamas subbasin:

(a) Winter steelhead in the Clackamas subbasin shall be managed for natural and hatchery production consistent with the **desired status identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575)**~~Wild Fish Management Policy~~;

(b) **Consistent with achieving the desired status for winter steelhead identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575),** ~~the lower subbasin below River Mill Dam shall be managed primarily for the production and harvest [of Big Creek and Eagle Creek stocks] of hatchery~~ **winter steelhead.** ~~[fish. Fry releases shall be limited to Rock, Clear, Foster, Deep, and Eagle creeks;]~~

~~[(e)-]The subbasin above North Fork Dam shall be managed for natural production of the indigenous stock.~~

(2) In accordance with these operating principles, it is the objective of the Department to:

(a) **Achieve the desired status for winter steelhead in the Clackamas subbasin identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575)**~~increase spawning escapement of the indigenous stock of winter steelhead above the North Fork Dam to 3,000 fish;~~

**(b) Monitor the status of the winter steelhead run in the Clackamas subbasin;**

**(c) Maintain the genetic characteristics of the wild run;**



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~~(d)~~~~(b)~~ Increase the potential average annual harvest of winter steelhead in the subbasin to 8,000 fish (2,000 in Eagle Creek and 6,000 in the main stem of the Clackamas River, above and below River Mill Dam).

Stat. Auth.: ORS 496.138, 496.146 and 506.119  
Stats. Implemented: ORS 506.109 and 506.129

635-500-0830

Summer Steelhead

(1) The following operating principles apply~~[apples]~~ to the Clackamas subbasin:

(a) Summer steelhead shall be managed for hatchery production in the subbasin consistent with achieving the desired status identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575)~~;~~~~[-]~~

(b) Summer steelhead smolts shall be released into streams that have suitable adult holding habitat throughout the summer and where adults will provide optimum recreational opportunity;

(c) Only smolt-~~[i]~~sized fish will be released to minimize competition with native salmonids.

(2) In accordance with these~~[this]~~ operating principles, it is the objective of the Department to:

(a) Minimize competition and possible interbreeding between non-indigenous summer steelhead and indigenous stocks of anadromous salmonids and resident trout;

(b) Provide a potential average annual harvest of 7,000 summer steelhead in the Clackamas subbasin.

Stat. Auth.: ORS 496.138, 496.146 and 506.119  
Stats. Implemented: ORS 506.109 and 506.129

635-500-0850

Fall Chinook Salmon

(1) The following operating principle applies to the Clackamas subbasin:

(a) Consistent with achieving the desired status for fall Chinook salmon identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575), the Clackamas subbasin shall be managed for natural production of fall Chinook with an option for a conservation hatchery program if necessary.~~[No hatchery-produced fall chinook salmon shall be released in the waters of the subbasin.]~~

(2) In accordance with this operating principle, it is the objective of the Department to:

(a) Achieve the desired status for fall Chinook salmon in the Clackamas subbasin identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575)~~[Maintain an average annual run size of 1,000 fall chinook salmon to the Clackamas subbasin];~~

(b) Determine the identity of the stock of fall Chinook salmon in the subbasin;

(c) Maintain the average annual harvest in the subbasin of approximately 200 fall chinook salmon.

Stat. Auth.: ORS 496.138, 496.146 and 506.119  
Stats. Implemented: ORS 506.109 and 506.129



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635-500-0860

Coho Salmon

(1) The following operating principles apply to the Clackamas subbasin:

(a) **Consistent with achieving the desired status for coho salmon identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575)**, ~~the~~ the lower subbasin below River Mill Dam shall be managed primarily for the production and harvest of **hatchery coho** ~~early-run hatchery stock. Coho salmon fry releases shall be limited to Clear, Rock, Foster and Deep creeks. All fry release programs shall be evaluated~~;

(b) The upper subbasin above North Fork Dam shall be managed for natural production of wild coho salmon.

(2) In accordance with these operating principles, it is the objective of the Department to:

(a) **Monitor** ~~Assess~~ the status of the coho salmon run **in the Clackamas subbasin** ~~above North Fork Dam~~;

(b) Maintain the genetic characteristics of the wild run;

(c) **Achieve the desired status for coho salmon in the Clackamas subbasin identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575)** ~~Increase the average annual escapement of the wild run coho salmon above North Fork Dam to 3,000 fish~~;

(d) Maintain a potential average annual harvest level of 1,000 and 1,500 hatchery coho salmon in the main stem of the Clackamas River below River Mill Dam and in Eagle Creek.

Stat. Auth.: ORS 496.138, 496.146 and 506.119

Stats. Implemented: ORS 506.109 and 506.129

Clackamas River Basin

Fish Management Plan for Spring Chinook

635-500-1662

Operating Policy and Objectives

(1) The following policy applies to spring chinook in the Clackamas River Basin: **Consistent with achieving the desired status for spring Chinook salmon identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575)**, ~~the~~ the Clackamas Basin shall be managed for production of wild and hatchery spring chinook.

(2) In accordance with this policy, it is the objective of the Department to:

(a) Achieve full mitigation for Willamette River spring chinook populations reduced or extirpated due to dam construction and operations;

**Monitor the status of the spring Chinook run in the Clackamas basin;**

~~(b)~~ **Maintain the gene resources of Clackamas spring chinook** ~~by managing within the standards of a "Type 2" program as developed to meet the requirements of OAR 635-007-0527 - Operating Principles for Wild Fish Management section (2)(c)~~;

~~(d)~~ **Maintain hatchery fish genetic diversity**, to assure that hatchery populations replicate ancestral population characteristics, meet the management objectives for which they are produced, and maintain their optimum biological and economic value;



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**(e)[(d)] Achieve the desired status for spring Chinook salmon in the Clackamas basin identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575)[Maintain an escapement of 400-800 adult wild spring Chinook salmon over North Fork Dam];**

~~[(e) Increase the average annual passage of adult wild spring Chinook salmon over North Fork Dam to 2,900 wild fish;~~

~~[(f) Increase the average annual run size in the Clackamas River Basin to 12,400 spring chinook salmon;]~~

**(f)[(g)]** Increase the average annual harvest to 5,000 spring Chinook salmon in the Clackamas River Basin.

Stat. Auth.: ORS 496.138, 496.146, 506.119

Stats. Implemented: ORS 506.109 and 506.129



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SANDY RIVER FISH MANAGEMENT

Policies and Objectives

Habitat

Management Direction

635-500-3420

Habitat

Objectives for habitat management in the Sandy River basin.

**(1) Promote habitat conditions that contribute to achieving the desired status identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575). This includes, but is not limited to, the following actions:**

**(a) [(1)]** Maintain and improve upstream and downstream passage for fish in the Sandy River basin at dams, water diversions, existing fishways, culverts and, where needed, at in-channel debris jams.

**(b) [(2)]** Protect, enhance, and restore fish habitat in the Sandy River basin.

**(c) [(3)]** Inventory stream and watershed conditions using current methods to assess factors limiting fish production in the Sandy River basin.

**(d) [(4)]** Reduce artificial introductions of sediment into the Sandy River and basin tributaries.

**(e) [(5)]** Restore natural streamflows where possible, and protect existing streamflows and water quality from degradation associated with operation of dams, water diversions, effluents, mining, timber harvest, recreation, and other instream activities.

Stat. Auth.: ORS 496.138, 496.146, and 506.119

Stats. Implemented: ORS 506.109 and 506.129

635-500-3430

Winter Steelhead

**Policy**[Policies] and objectives for wild and hatchery winter steelhead management in the Sandy River basin.

(1) **Policy**[Policies]:

**[(a)] Consistent with achieving the desired status identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575), [the] Sandy River basin shall be managed for both wild and hatchery produced winter steelhead, [and**

**(b) The upper Sandy basin will be managed to limit hatchery winter steelhead stray rates to less than 10% above Marmot Dam, and no greater than 30% for the basin as an aggregate.]**

(2) Objectives:

**(a) Achieve the desired status for winter steelhead in the Sandy River basin identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575). [Rebuild native winter steelhead runs in the Sandy River basin by achieving an average annual spawning escapement of 1,730 wild winter steelhead.] Establish an increasing trend in the population of Sandy River wild winter steelhead.**

**(b) Provide angling opportunities for winter steelhead in the Sandy River basin. [This includes consumptive fisheries on hatchery winter steelhead, and a catch and release fishery on wild winter steelhead.]**



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~~(c) So long as it is in place, utilize the counting facility at Marmot Dam to remove hatchery winter steelhead, count returning wild winter steelhead, and monitor stray rates to the upper basin.]~~

Stat. Auth.: ORS 496.138, 496.146, and 506.119  
Stats. Implemented: ORS 506.109 and 506.129

**635-500-3440**

**Summer Steelhead**

Policy and objectives for hatchery summer steelhead management in the Sandy River basin.

(1) Policy: Consistent with achieving the desired status identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575), ~~the~~ Sandy River basin shall be managed for hatchery summer steelhead: Hatchery summer steelhead smolts shall be released in the lower Sandy River basin, where suitable adult holding habitat is available throughout the summer and where adult returns will provide optimum recreational opportunity.

(2) Objectives:

(a) Release an annual 75,000 summer steelhead smolts into the lower Sandy River basin.

(b) Maximize native fish production in the Sandy basin by eliminating potential genetic and ecological impacts of introduced hatchery summer steelhead in the basin above Marmot Dam by sorting hatchery summer steelhead and preventing their passage into the upper basin.

(c) Determine if a native population of summer steelhead exists in the Sandy River basin.

(d) Provide a fishery on hatchery summer steelhead in the Sandy River below Marmot Dam until such time as the sorting facility is removed. When date certain has been determined for removal of Marmot Dam, the Department shall return the issue of continued releases of salmon steelhead into the Sandy Basin to the Commission for review and additional rulemaking, if appropriate.

Stat. Auth.: ORS 496.138, 496.146, and 506.119  
Stats. Implemented: ORS 506.109 and 506.129

**635-500-3450**

**Coho**

~~Policy~~ Policies and objectives for wild and hatchery coho management in the Sandy River basin.

(1) ~~Policy~~ Policies:

~~[(a)]~~ Consistent with achieving the desired status identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575), ~~the~~ Sandy River basin shall be managed for both wild and hatchery produced coho, ~~and~~

~~[(b) The Sandy River will be managed to limit hatchery coho stray rates to less than an aggregate of 10% in the entire basin.]~~

(2) Objectives:

(a) Achieve the desired status for coho salmon in the Sandy River basin identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575) ~~[a minimum five-year average spawning escapement of 1,100 wild coho salmon]~~. Establish an increasing trend in the population of Sandy River wild coho salmon.



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(b) Provide angling opportunities for coho salmon in the Sandy River basin. [~~This includes consumptive fisheries on hatchery coho, and an incidental catch and release fishery on wild coho if consistent with a recovery plan adopted for Lower Columbia coho.~~

(c) ~~Address issues concerning conservation, fisheries, and hatchery production through Commission adoption of a Lower Columbia River Coho Recovery Plan.]~~

Stat. Auth.: ORS 496.138, 496.146, and 506.119  
Stats. Implemented: ORS 506.109 and 506.129

**635-500-3460**

**Spring Chinook**

**Policy** [~~Policies~~] and objectives for wild and hatchery spring chinook management in the Sandy River basin.

(1) **Policy** [~~Policies~~]:

(a) Consistent with achieving the desired status identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575), [~~the Sandy River basin shall be managed for both wild and hatchery produced spring Chinook;~~ and

(b) ~~The Sandy River Basin shall be managed to limit hatchery spring chinook stray rates to less than 10% above Marmot Dam.]~~

(2) Objectives:

(a) Achieve the desired status for spring Chinook salmon in the Sandy River basin identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575) [~~an average annual spawning escapement of 2,000 wild spring chinook into the Sandy River basin].~~ Establish an increasing trend in the population of Sandy River wild spring chinook.

(b) Provide angling opportunities for spring chinook in the Sandy River basin. [~~This includes consumptive fisheries on hatchery spring chinook and a catch and release fishery on wild spring chinook.~~

(c) ~~So long as it is in place, utilize the counting facility at Marmot Dam to remove hatchery chinook, count returning wild chinook, and monitor stray rates to the upper basin.]~~

Stat. Auth.: ORS 496.138, 496.146, and 506.119  
Stats. Implemented: ORS 506.109 and 506.129

**635-500-3470**

**Fall Chinook**

Policy and objectives for wild fall chinook only management in the Sandy River basin.

(1) Policy: Consistent with achieving the desired status identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575), the Sandy River basin shall be managed for natural production of fall Chinook with an option for a conservation hatchery program if necessary. [~~No hatchery fall chinook shall be released in the Sandy River basin.]~~

(2) Objectives:

(a) Achieve the desired status for fall and late fall Chinook salmon in the Sandy River basin identified in the Lower Columbia River Conservation and Recovery Plan for Oregon Populations of Salmon and Steelhead (OAR 635-500-6575) [~~Maintain an annual average escapement of 1,500 wild late maturing fall chinook~~



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~~(Sandy Gene Conservation Group) to the standard survey spawning reach in the Sandy River basin from RM 6 upstream to RM 13];~~

(b) Provide sport angling opportunities for fall chinook in the Sandy River basin[;

~~(c) Ensure that abundance of adult fall chinook in the Sandy Gene Conservation Group does not drop below 300 spawners in any run year].~~

Stat. Auth.: ORS 496.138, 496.146, and 506.119

Stats. Implemented: ORS 506.109 and 506.129