

Lewis River Priority Sties: Definitions

Reach Name: 2007 EDT river segment name with corrections
Location: 2007 EDT upper and lower bounds of river segment
Salmon Recovery Plan Tier: Reach Tier designations (1 through 4) are used to set priorities for habitat protection and restoration actions, and are based on population recovery classification (Primary, Contributing or Stabilizing) as identified in the Recovery Plan, and the EDT-derived reach potential for each species (high, medium, or low), which reflects the importance of a reach to the performance of each population. (Lower Columbia River Fish Recovery Board Reach Tier Designations)
LCFRB Restoration Potential (%): The restoration potential reflects percent change in overall population performance due to hypothetical restoration of habitat conditions within a particular reach to template (e.g, fully functioning) conditions.
Length of habitat (miles) ¹ : reach length based on the EDT analysis. Reach length is applicable to all species.
Species Present: All Species documented as occurring within a reach. Not all taxa are listed - just those known to be present.
Life History Use: refers to the specific life stages (e.g., egg incubation, fry cognization, rearing, migrant, etc.) of a species that would use a particular reach.
Limiting Factor Reach Rank: This refers to the relative ranking of primary factors affecting the overall performance of a population.
EDT Limiting Factor: This refers to the primary factors affecting the overall performance of a population based on EDT analysis
Cumulative Limiting Factor Rank: This refers to the relative ranking of reaches based on cumulative SRP values summed across all species utilizing that reach.

Add source eventually

1- Taken directly from EDTand is applicable to all species.

Phase 1 = mainstem and tributaries upstream of Swift Dam

Reach Name	Location	Salmon Recovery Plan Tier	LCFRB Restoration Potential (%)	Length of habitat (miles) ¹	Primary Species Present	Spring Chinook			Steelhead			Coho			Cumulative Limiting Factor Rank
						Life History Use	Limiting Factor Reach Rank	EDT Restoration Priority	Life History Use	Limiting Factor Reach Rank	EDT Restoration Priority	Life History Use	Limiting Factor Reach Rank	EDT Restoration Priority	
Swift Campground Creek	Upper Lewis: Reservoir to RM 0.3	3	50	1.2	Coho, Cutthroat		2 Sediment Load	0.611	Holding, rearing, migration	Not Ranked	0.05	Rearing, migration	Not Ranked	0.08	6
Clearwater Creek	Upper Lewis: Mouth to RM 8.7	2	57	8.7	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, steelhead	Spawning, rearing, migration	21 Temperature	0.369	Holding, rearing, migration	Not Ranked	0.013	Rearing, migration	Not Ranked	0.036	9
Crab Creek	Upper Lewis: Mouth to 0.4	2	42	0.4	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, Steelhead	Spawning, rearing, migration	29 Key Habitat	0.29	Spawning, rearing, migration	37 Key Habitat	0.096	Spawning, rearing, migration	11 Key Habitat	0.258	7
Clearwater Tribs.	Upper Lewis: Small Tribs to Clearwater Creek	3	49	0.8	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, steelhead		Not Ranked	0.067	Holding, Spawning, rearing, migration	47 Sediment Load	0.06	Holding, Spawning, rearing, migration	31 Sediment Load	0.085	14
Spencer Creek	Upper Lewis: Mouth to RM 0.4	2	25	0.6	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, steelhead		Not Ranked	0.019	Spawning, rearing, migration	38 Key Habitat	0	Spawning, rearing, migration	Not Ranked	0	20
Lewis 21	Upper Lewis: Rush Creek to Little Creek	2	45	1	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, steelhead	Spawning, rearing, migration	11 Key Habitat	0.017	Rearing, migration	Not Ranked	0.0015	Holding, rearing, migration	19 Key Habitat	0.0018	19
Lewis 18	Upper Lewis: Head of Swift Reservoir to Pine Creek	1	52	0.7	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, steelhead	Holding, rearing, migration	1 Key Habitat	0.0124	Rearing, migration	11 Food Index	0.004	Rearing, migration	1 Key Habitat	0.0216	17
Lewis 19	Upper Lewis: Pine Creek to Muddy River	1	35	0.5	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, steelhead	Holding, rearing, migration	7 Food Index	0.0122	Rearing, migration	6 Food Index	0.005	Holding, rearing, migration	5 Key Habitat	0.004	18
Muddy R1A	Upper Lewis: Clear Creek to Clearwater Creek	2	64	4.4	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, steelhead	Spawning, holding, rearing, migration	8 Key Habitat	0	Rearing, migration	Not Ranked	0.086	Rearing, migration	Not Ranked	0	16
Muddy R1	Upper Lewis: Mouth to Clear Creek	2	55	4.4	Rainbow, Cutthroat, Coho	Spawning, holding, rearing, migration	6 Sediment Load	0	Rearing, migration	45 Food Index	0.177	Rearing, migration	Not Ranked	0.076	12
Little Creek	Upper Lewis: Mouth to RM 1.0	3	51	1	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, steelhead	Spawning, rearing, migration	27 Key Habitat	0	Holding, rearing, migration	50 Habitat Diversity	0.078	Rearing, migration	Not Ranked	0.124	15

Phase 1 = mainstem and tributaries downstream of Merwin Dam

Reach Name	Location	Salmon Recovery Plan Tier	LCFRB Restoration Potential (%)	Length of habitat (miles) ¹	Primary Species Present	Spring Chinook			Steelhead			Coho			Cumulative Limiting Factor Rank
						Life History Use	Limiting Factor Reach Rank	EDT Restoration Priority	Life History Use	Limiting Factor Reach Rank	EDT Restoration Priority	Life History Use	Limiting Factor Reach Rank	EDT Restoration Priority	
Lewis 2 Tidal B	Lower Lewis: LB Trib 1 to LB Trib 2	4	36	1.5	Coho, Chum, Fall Chinook, cutthroat, steelhead		Not Ranked	0.567	Rearing, Migration, Holding	3	0.437	Rearing, Migration	Not Ranked	0.493	2
Lewis 1 Tidal A	Lower Lewis: Mouth to Allen Creek	4	61	1.9	Coho, Chum, Fall Chinook, cutthroat, steelhead		Not Ranked	0.384	Rearing, Migration, Holding	8 Habitat Diversity	0.414	Rearing, Migration, Holding	38 Habitat Diversity	0.062	5
Lewis 2 Tidal D	Lower Lewis: LB Trib 3 to Robinson Cr	2	32	0.9	Coho, Chum, Fall Chinook, cutthroat, steelhead		24 Predation	0.319	Rearing, Migration	Not Ranked	0.255	Rearing, Migration	5 Predation	0.542	4
Lewis 4 C	Lower Lewis: Staples Cr to Houghton Cr	1	42	0.46	Coho, Chum, Fall Chinook, cutthroat, steelhead		25 Key Habitat	0.318	Rearing, Migration, Holding	2 Habitat Diversity	0.545	Spawning, Rearing, Migration	Not Ranked	0.767	1
Lewis 4 A	Lower Lewis: Ross Cr to Hayes Cr	1	36	2.2	Coho, Chum, Fall Chinook, cutthroat, steelhead		26 Key Habitat	0.317	Rearing, Migration, Holding	24 Habitat Diversity	0.157	Spawning, Rearing, Migration	Not Ranked	0.153	8
Muddy R3	Lower Lewis: Smith Creek to RM 13.8	4	43	3.5	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, steelhead	Spawning, rearing, migration	53 Temperature	0.298	Rearing, migration	Not Ranked	0.05	Spawning, rearing, migration	Not Ranked	0	10
Lewis 3	Lower Lewis: Robinson Cr to Ross Cr	1	53	1	Coho, Chum, Fall Chinook, cutthroat, steelhead		30 Key Habitat	0.289	Rearing, Migration	1 Habitat Diversity	0.591	Spawning, Rearing, Migration	Not Ranked	0.428	3
Ross Cr 1 E	Lower Lewis: Bearwaller Falls to end of '04 reach	4	67	0.85	Coho, Chum, Fall Chinook, cutthroat		Not Ranked		Rearing, Migration	Not Ranked		Rearing, Migration	Not Ranked		22
John Creek 1	Lower Lewis: Mouth to Top of '04 reach	4	41	1.1	Coho, Chum, Fall Chinook, cutthroat, steelhead		Not Ranked		Spawning, rearing, migration	Not Ranked		Spawning, Rearing, Migration	Not Ranked		23
Cedar Creek 1 B	Lower Lewis: LB Trib 1 to Grist Mill	2	59	0.9	Coho, Chum, Fall Chinook, Steelhead, Cutthroat		Not Ranked		Rearing, migration	Not Ranked		Rearing, migration	Not Ranked		24
Cedar Creek 1 C	Lower Lewis: Grist Mill to Pup Creek	2	64	1.9	Coho, Chum, Fall Chinook, Steelhead, Cutthroat		Not Ranked		Rearing, migration	Not Ranked		Rearing, migration	Not Ranked		25
Cedar Creek 2 C	Lower Lewis: Beaver Cr. to RB Trib 1	3	75	0.7	Coho, Chum, Fall Chinook, Steelhead, Cutthroat		Not Ranked		Rearing, migration	Not Ranked		Rearing, migration	Not Ranked		26
Cedar Creek 5	Lower Lewis: Bitter Cr to Chelatchie Cr	2	63	0.6	Coho, Chum, Fall Chinook, Steelhead, Cutthroat		Not Ranked		Rearing, migration	Not Ranked		Rearing, migration	Not Ranked		27
Cedar Creek 6 B	Lower Lewis: LB Trib 3 to RB Trib 2	3	74	1.7	Coho, Chum, Fall Chinook, Steelhead, Cutthroat		Not Ranked		Rearing, migration	Not Ranked		Rearing, migration	Not Ranked		28
Cedar Creek 6 C	Lower Lewis: RB trib 2 to RB Trib 3	4	56	0.72	Coho, Chum, Fall Chinook, Steelhead, Cutthroat		Not Ranked		Rearing, migration	Not Ranked		Rearing, migration	Not Ranked		29

