

FINAL Meeting Notes
Lewis River License Implementation
Aquatic Coordination Committee (ACC) Meeting
Aquatic Fund Subgroup
August 15, 2016
Merwin Hydro Control Center
Ariel, WA

ACC Participants Present (9)

Frank Shrier, PacifiCorp
 Kim McCune, PacifiCorp
 Ruth Tracy, USDA Forest Service
 Bryce Michaelis, USDA Forest Service
 Peggy Miller, WDFW
 Pat Frazier, WDFW
 Michelle Day, NMFS
 Steve Manlow, LCFRB
 Amelia Johnson, LCFRB

Assignments from August 15, 2016	Status
McCune: Email edited aquatic fund announcement materials to ACC for 7-day review and comment period; comments needed by August 23, 2016.	Complete – 8/16/16
Manlow: Email LCFRB evaluation process to Shrier.	Complete
Shrier: Identify what the missing numbers are in the Priority Reach document and email to Ruth Tracy, USFS.	Pending

Assignments from July 11, 2016	Status
McCune: Email Aquatic Fund announcement cover letter and process document to the ACC for review and edits no later than August 1, 2016.	Complete – 7/12/16
Shrier: Write narrative for historical reference regarding how the ACC Aquatic Fund Subgroup arrived at this tool; reference Cramer Fish Sciences and add link to EDT studies.	Pending
Shrier: Double check numbers on Cumulative Tornado Graphs.	Complete – 8/15/16
Shrier: Add the following three tables to the Lewis River Aquatic Fund Priority Reaches: <ul style="list-style-type: none"> • Lewis River basin upstream of Swift dam and downstream of Merwin dam (Phase I) • Yale Reservoir Tributaries (Phase II) • Merwin Reservoir Tributaries (Phase III) 	Complete – 8/15/16
Shrier: Email revised Lewis River Aquatic Fund Priority Reaches document to the Subgroup prior to the August 15, 2016 meeting.	Complete – 8/15/16
Shrier: Confirm if Phil Roni (Cramer Fish Sciences) considered the SRP Recovery Plan reach potentials; if so remove from the Lewis River Aquatic Fund Priority Reaches document.	Complete – 8/15/16

Opening, Review of Meeting Notes

Frank Shrier (PacifiCorp) called the meeting to order at 12:05 p.m. and reviewed the July 11, 2016 meeting notes and assignments. The meeting notes were approved without change at 12:10 p.m.

Meeting Purpose

Continued review and edits of the Lewis River Aquatic Fund Priority Reaches document and Cumulative Tornado Graphs (**Attachment A**) and the aquatic fund announcement materials in order to meet the Aquatic Fund announcement deadline of September 2, 2016.

Intended outcomes:

- The Aquatic Fund Subgroup is to take a look at the updated Lewis River Aquatic Fund Priority Reaches document and continue to refine.
- Update and modify the Aquatics Fund – Strategic Plan and Administrative Procedures, Announcement Letter and associated appendices no later than August 23, 2016.

Decisions made at the meeting - Next steps: Shrier will modify the Lewis River Aquatic Fund Priority Reaches document to include:

- Agreed to put restoration priority ratings in adjacent columns for the three species and to sort these based on Spring Chinook.
- Agreed to not resort tornado graphs and keep the Cumulative Limiting Factor Rankings in place recognizing that, with sorting on spring Chinook, those rankings will no longer be in order.
- Agreed to separate the spreadsheet into above Swift reaches and below Merwin reaches
- Agreed to keep a master spreadsheet with all the information but prepare a worksheet that is just the Phase I reaches and that does not include bull trout reaches for the 2016/17 funding round.

McCune will modify the aquatic fund announcement materials, cover letter, associated appendices and internal administrative process document to include the following language for ACC Subgroup review and comment:

- Emphasis will be placed on Spring Chinook recovery but not to the exclusion of other ESA-listed species. In addition, projects upstream of Swift dam will receive a higher priority than projects downstream of Merwin dam.

< Meeting adjourned at 2:15 p.m. >

Meeting Handouts & Attachments:

- July 11, 2016 Meeting Notes
- **Attachment A** - Lewis River Aquatic Fund Priority Reaches document and Cumulative Tornado Graphs

<u>Reach Name</u>	<u>Location</u>	<u>Salmon Recovery Plan Tier</u>	<u>Length of habitat (miles)¹</u>	<u>Primary Species Present in this Reach</u>	<u>SPCH Chinook Life History Use</u>	<u>SPCH Limiting Factor Reach Rank</u>	<u>Coho Life History Use</u>	<u>Coho Limiting Factor Reach Rank</u>	<u>Steelhead Life History Use</u>	<u>Steelhead Limiting Factor Reach Rank</u>	<u>Spring Chinook Restoration Priority</u>	<u>Coho Restoration Priority</u>	<u>Steelhead Restoration Priority</u>	<u>LCFRB Restoration Potential (%)</u>	<u>Cumulative Limiting Factor Rank</u>	
Swift Campground Creek	Reservoir to RM 0.3	3	1.2	Coho, Cutthroat		2 Sediment Load	Rrearing, migration	Not Ranked	Holding, rearing, migration	Not Ranked	0.611	0.08	0.05	50	<u>6</u>	
Clearwater Creek	Mouth to RM 8.7	2	8.7	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, steelhead	Spawning, rearing, migration	21 Temperature	Rearing, migration	Not Ranked	Holding, rearing, migration	Not Ranked	0.369	0.036	0.013	57	<u>9</u>	
Muddy R3	Smith Creek to RM 13.8	4	3.5	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, steelhead	Spawning, rearing, migration	53 Temperature	Spawning, rearing, migration	Not Ranked	Rearing, migration	Not Ranked	0.298	0	0.05	43	<u>10</u>	
Crab Creek	Mouth to 0.4	2	0.4	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, Steelhead	Spawning, rearing, migration	29 Key Habitat	Spawning, rearing, migration	11 Key Habitat	Spawning, rearing, migration	37 Key Habitat	0.29	0.258	0.096	42	<u>7</u>	
Clearwater Tribs.	Small Tribs to Clearwater Creek	3	0.8	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, steelhead		Not Ranked	Holding, Spawning, rearing, migration	31 Sediment Load	Holding, Spawning, rearing, migration	47 Sediment Load	0.067	0.085	0.06	49	<u>14</u>	

Spencer Creek	Mouth to RM 0.4	2	0.6	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, steelhead		Not Ranked	Spawning, rearing, migration	Not Ranked	Spawning, rearing, migration	38 Key Habitat	0.019	0	0	25	<u>20</u>
Lewis 21	Rush Creek to Little Creek	2	1	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, steelhead	Spawning, rearing, migration	11 Key Habitat	Holding, rearing, migration	19 Key Habitat	Rearing, migration	Not Ranked	0.017	0.0018	0.0015	45	<u>19</u>
Lewis 18	Head of Swift Reservoir to Pine Creek	1	0.7	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, steelhead	Holding, rearing, migration	1 Key Habitat	Rearing, migration	1 Key Habitat	Rearing, migration	11 Food Index	0.0124	0.0216	0.004	52	<u>17</u>
Lewis 19	Pine Creek to Muddy River	1	0.5	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, steelhead	Holding, rearing, migration	7 Food Index	Holding, rearing, migration	5 Key Habitat	Rearing, migration	6 Food Index	0.0122	0.004	0.005	35	<u>18</u>
Muddy R1	Mouth to Clear Creek	2	4.4	Rainbow, Cutthroat, Coho	Spawning, holding, rearing, migration	6 Sediment Load	Rearing, migration	Not Ranked	Rearing, migration	45 Food Index	0	0.076	0.177	55	<u>12</u>
Little Creek	Mouth to RM 1.0	3	1	Coho, Rainbow, Cutthroat, Bull trout, Mt. Whitefish, Suckers, Spring Chinook, steelhead	Spawning, rearing, migration	27 Key Habitat	Rearing, migration	Not Ranked	Holding, rearing, migration	50 Habitat Diversity	0	0.124	0.078	51	<u>15</u>

1- Taken directly from EDT, Coho criteria was used as the basis for habitat lengths thus, may not be applicable to all species.																	
2- Our rating as a group showing how important we feel habitat improvements would be to this stream or stream reach.																	
3- What we feel as a group are the current conditions based on a good, marginal, or poor rating. Good would signify our belief that this stream or stream reach has relatively good current habitat conditions.																	
4- Habitat attributes taken directly from EDT and other sources to be used as a basis and comparison tool.																	
5- Low Impact is EDT's way of saying that this reach for this species if made to have habitat improvements would still, after habitat improvements, only have a low impact to the health and status of that specific species.																	
Grey cells	Designate reaches downstream of Merwin dam. All other cells are upstream of Merwin dam																
Phase 1 = mainstem and tributaries downstream of Merwin and upstream of Swift																	

