

**Lewis River Hydroelectric Projects Settlement Agreement
Aquatic Coordination Committee (ACC)
Meeting Agenda**

Date & Time: Thursday, August 10, 2017
9:00 a.m. – 10:45 a.m.

Place: CONFERENCE CALL ONLY

Contacts: Frank Shrier: (503) 320-7423

Time	Discussion Item
9:00 a.m.	Welcome <ul style="list-style-type: none"> ➤ Review Agenda and ACC 7/13/17 Meeting Notes ➤ Comment & Accept Agenda and 7/13/17 Meeting Notes
9:10 a.m.	Public Comment Opportunity
9:20 a.m.	Acclimation Pond Site Recommendations – COMMENTS DUE & DECISION NEEDED
10:00 a.m.	Study/Work Product Updates <ul style="list-style-type: none"> ○ H&S Plan Update ○ Woodland Release Ponds Construction - Status ○ Merwin Upstream Passage – Status ○ Swift Floating Surface Collector – Status
10:30 a.m.	<ul style="list-style-type: none"> ➤ Next Meeting's Agenda ➤ Public Comment Opportunity Note: all meeting notes and the meeting schedule can be located at: http://www.pacificorp.com/es/hydro/hl/lr.html#
10:45 a.m.	Adjourn

Join by Phone

+1 (503) 813-5252 [Portland, Ore.]

+1 (855) 499-5252 [Toll Free]

Conference ID: 2506249

FINAL Meeting Notes
Lewis River License Implementation
Aquatic Coordination Committee (ACC) Meeting
August 10, 2017
Conference Call Only

ACC Participants Present (14)

Frank Shrier, PacifiCorp
Kim McCune, PacifiCorp
Chris Karchesky, PacifiCorp
Erik Lesko, PacifiCorp
Peggy Miller, WDFW
Pat Frazier, WDFW
Tom Wadsworth, WDFW
Aaron Roberts, WDFW
Michelle Day, NMFS
Jim Malinowski, Fish First
Steve Manlow, LCFRB
Amanda Froberg, Cowlitz PUD
Eli Asher, Cowlitz Indian Tribe
Steve Manlow, LCFRB

Guest (1)

Dave Howe

Calendar:

September 14, 2017	ACC Meeting	Merwin Hydro
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Opening, Review of Agenda and Meeting Notes

Frank Shrier (PacifiCorp) called the meeting to order at 9:05 a.m. and reviewed the agenda. No agenda additions were requested.

Shrier also reviewed the July 13, 2017 meeting notes and assignments. The meeting notes were approved at 9:10 a.m. without change.

Public Comment

None

Approve Aquatic Fund Process Documents

Final comments were due August 4, 2017 but the Utilities wanted the ACC to approve of the revised documents for historical record. Peggy Miller (WDFW) had comments she forwarded to Pat Frazier (WDFW) but PacifiCorp was not aware of these comments until today's meeting. Given the time constraints of making the Aquatic Fund Announcement by August 25, 2017 PacifiCorp will review the redline comments that Miller will send to PacifiCorp today and email them back to the ACC for their review and further comment with a deadline of **close of business Friday, August 11, 2017.**

Acclimation Pond Site Recommendations – Comments Due and Decision Needed

PacifiCorp provided hard copies to the ACC of the acclimation pond site recommendation plan (Plan) to include before/after photos for their review and approval. **Comments were due today, August 10, 2017.** PacifiCorp received comments in support of decommissioning all three sites (Muddy River, Clear Creek and Crab Creek) from Lower Columbia Fish Recovery Board and WDFW with certain caveats which will be discussed later in these meeting notes and at future ACC meetings.

WDFW supports the removal of the ponds as long as the option to build acclimation ponds remains available to the ACC and other acclimation technologies will be considered as they become available.

The USFS expressed in an email that they would like the gabions that PacifiCorp installed below the Lewis River Bridge to be removed if that area is not going to be used for the pond.

Michelle Day (NMFS) and Frazier asked that the Pond Site Recommendations include a plan of how to move forward with the acclimation fish. This detail is not captured yet in the Acclimation Pond Decommission recommendation. Day further expressed the ACC may need to consider a time frame for the study plan. Frazier said he will provide formal comment by August 11, 2017. Miller and Day said they want the above details captured in today's notes as it was not captured in the July 13, 2017 meeting notes.

Chris Karchesky (PacifiCorp) mentioned that the pilot study (detailed in the July 13, 2017 ACC Meeting Notes) is the foundation of moving forward with the acclimation plan, which will be incorporated into the decommissioning plan.

Shrier noted that the Acclimation Pond Study Plan needs to be completed by July 1, 2018.

The ACC agreed that PacifiCorp should proceed with decommissioning all three (3) acclimation ponds, but to also keep the option to build other acclimation ponds at suitable sites if it appears, through study and observing other acclimation programs, that pond sites are necessary for successful reintroduction programs, and to consider other acclimation technologies as they become available.

Study/Work Product Updates

H&S Plan Update

Erik Lesko (PacifiCorp) informed the ACC that the H&S Subgroup met last month and will continue to meet the last Thursday of every month through March 2018 in an effort to finalize the AOP. There was some talk at our last meeting of having the H&S subgroup begin addressing M&E activities after the AOP is finalized. This group would function more as a technical working group similar to how the Tacoma Power addresses issues on the Cowlitz. To facilitate completion of the AOP, PacifiCorp is exploring options for hiring a "coordinator" to handle note taking and maintaining schedules. The water quality total dissolved oxygen (TDG) monitoring started August 2, 2017. The next meeting is August 31, 2017 when the group will begin discussing monitoring protocols for genetic risks to late winter steelhead as well as establishing a plan to evaluate pHOS in the lower river.

Woodland Release Ponds/Construction Update

Construction on schedule; fish salvage efforts is complete (rescued 31 stickleback, 24 sculpins and 18 lamprey). The in-water work will begin Tuesday August 15, 2017.

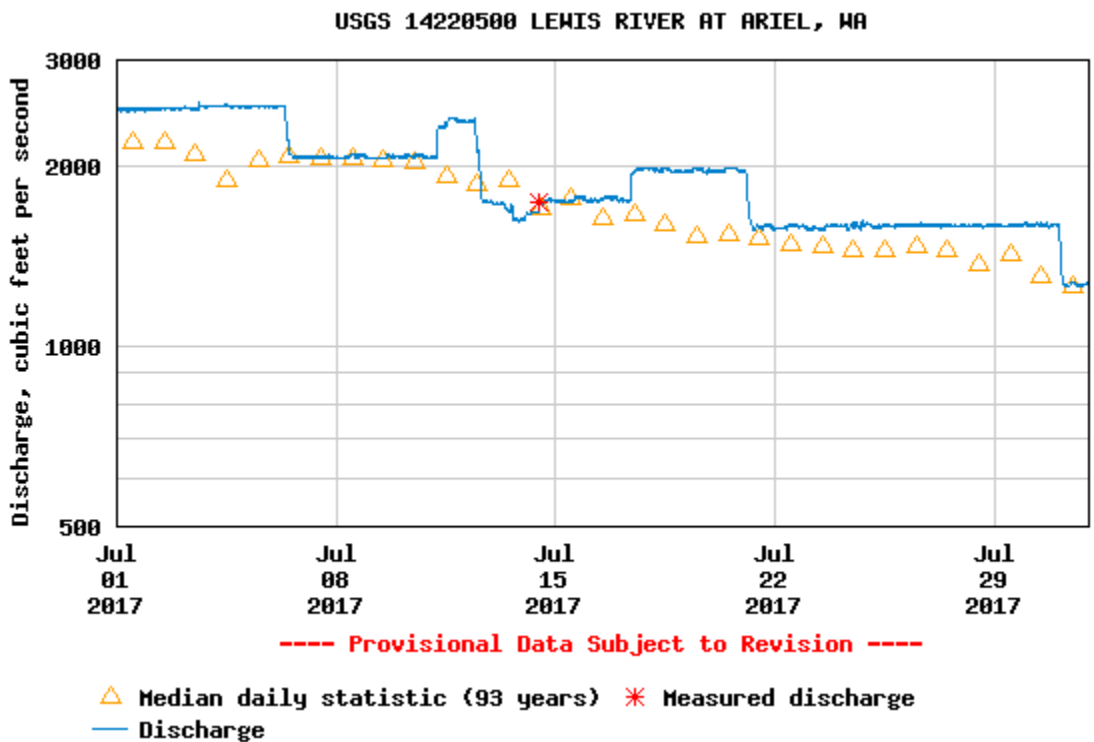
Merwin Fish Collection Facility and General Operations (Attachment A)

During the month of July, a total 1,658 fish were captured at the Merwin Adult Fish Collection Facility. The vast majority of these fish were summer steelhead (1,573 – 95%). A total of 2,893 spring Chinook have been captured at the Merwin Trap through July 2017.

The Merwin Dam adult fish trap ran continuously through the month of July; fish collected on July 4 were processed on July 5 due to a scheduling error. River flow below Merwin Dam fluctuated between 1,270 and 2,520 cfs throughout the month.

An outage is scheduled August 16, 2017 and will be back in operation August 23, 2017.

Discharge, cubic feet per second



Upstream Transport (Attachment A)

No Blank Wire Tag (BWT) winter steelhead were transported upstream above Swift Dam in July 2017; a total of 599 BWT winter steelhead were transported as part of the 2017 run year.

2017 Late-Winter Steelhead (BWTs) (thru June 2017)

Male	Female	Total
327	272	599

PacifiCorp began transporting adult spring Chinook to the upper basin on May 18, 2017. By the end of the July, a total of 1,103 fish had been transported and released at the head of Swift Reservoir.

2017 Spring Chinook (thru June 2017)

Male	Female	Jacks	Total
368	426	309*	1,103

* Contain approximately 25% females < 24 inch ("Jills").

Swift Floating Surface Collector ([Attachment A](#))

During the month of July, approximately 775 fish were collected at the Swift FSC. Juvenile coho accounted for the majority of fish collected (739 - 95%). Except for bull trout and planted rainbows, all fishes (and life-stages) were transported downstream. Surface water temperatures in Swift Reservoir through the month of July ranged typically between 16 - 18° C. The FSC was turned off Friday afternoon (July 21, 2017) for the summer maintenance period. Water temperature recorded at the FSC on Friday was 17.8° C and fish numbers had been declining since mid-July (see Fish Facility Report – FSC July). PacifiCorp will begin preparations for de-ballasting the vessel which is scheduled to begin the first week of August. The FSC is scheduled to be back in service by early-October.

Agenda items for September 14, 2017

- August 10, 2017 Meeting Notes
- Acclimation Pond Decommission Plan Discussion
- Study/Work Product Update

Adjourn 10:30am

Next Scheduled Meeting:

September 14, 2017
Merwin Hydro Control Center
Ariel, WA
9:00 a.m. - 3:00 p.m.

Meeting Handouts & Attachments:

- Meeting Notes from 7/13/17
- Agenda from 8/10/17
- [Attachment A](#) – Lewis River Fish Passage Report (July2017)

Lewis River Fish Passage Report

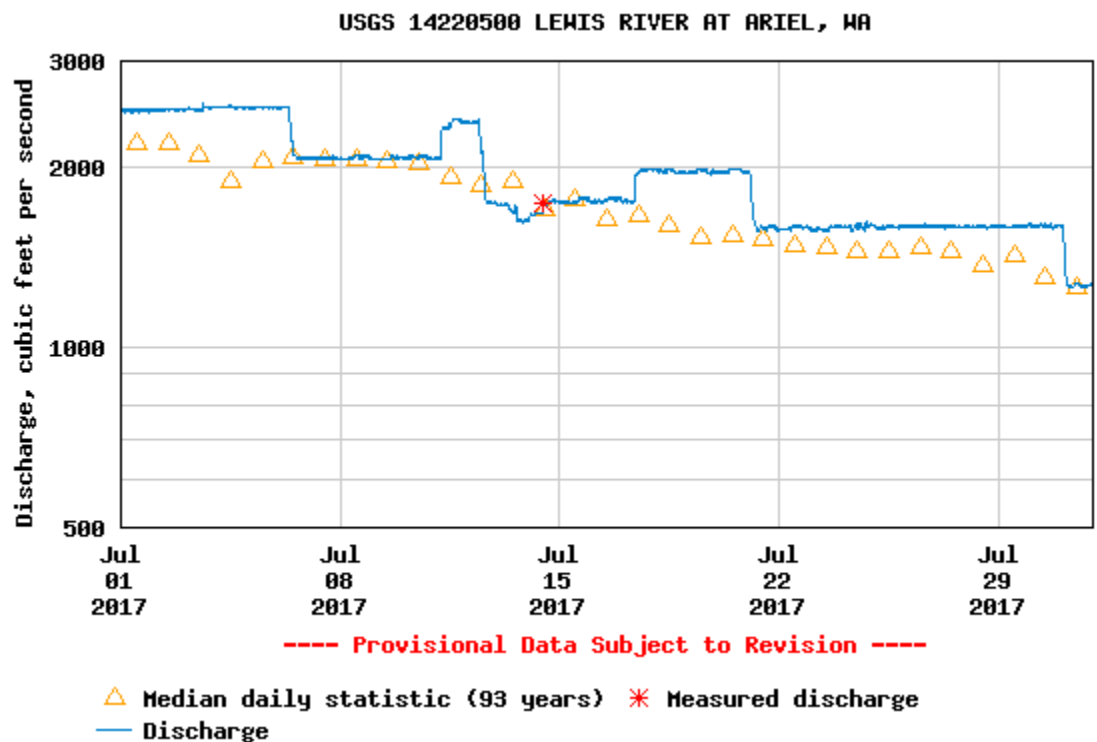
July 2017

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Fish Facility Report

Swift Floating Surface Collector

July 2017

Day	Coho			Chinook			Steelhead				Cutthroat			Bull Trout	Planted Rainbow	Total
	fry	parr	smolt	fry	parr	smolt	fry	parr	smolt	kelt	fry	< 13 in	> 13 in			
01	0	5	37	0	0	4	0	0	1	0	0	0	0	0	2	49
02	0	1	38	0	0	3	0	0	0	0	0	1	0	0	2	45
03	0	2	104	0	0	0	0	0	0	0	0	0	0	0	0	106
04	0	0	27	0	0	0	0	0	1	0	0	0	0	0	0	28
05	0	5	49	0	0	0	0	0	1	1	0	1	0	0	0	57
06	0	0	24	0	0	0	0	0	1	1	0	0	0	0	2	28
07	0	2	111	0	0	0	0	0	1	0	0	0	0	0	0	114
08	0	1	63	0	0	0	0	0	0	0	0	0	0	0	0	64
09	0	2	17	0	0	0	0	0	1	0	0	0	0	0	2	22
10	0	14	44	0	0	0	0	0	0	0	0	0	0	0	0	58
11	0	7	22	0	0	0	1	0	0	0	0	0	0	0	0	30
12	0	13	38	0	0	0	0	0	1	0	0	1	0	0	0	53
13	0	8	30	0	0	0	3	0	0	0	0	0	0	0	1	42
14	0	3	33	0	0	0	0	0	0	0	0	0	0	0	0	36
15	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	6
16	0	1	18	0	0	0	2	0	1	0	0	0	0	0	0	22
17	0	4	4	0	0	0	0	0	1	0	0	0	0	0	0	9
18	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	4
19	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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Monthly	0	73	666	0	0	7	6	0	9	2	0	3	0	0	9	775
Total	3205	661	9351	0	43	695	17	43	1514	9	13	321	38	8	2807	18725

