

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

Date & Time: Thursday, November 8, 2018
9:00 a.m. – 10:45 a.m.

Place: CONFERENCE CALL ONLY

Contacts: Erik Lesko: (503) 412-8401

Time	Discussion Item
9:00 a.m.	Welcome <ul style="list-style-type: none"> ➤ Review Agenda and ACC 10/11/18 Meeting Notes ➤ Comment & Accept Agenda and 10/11/18 Meeting Notes
9:10 a.m.	Public Comment Opportunity
9:20 a.m.	ATE Report; 30-day review
10:00 a.m.	Study/Work Product Updates <ul style="list-style-type: none"> ○ H&S Subgroup Update ○ Bull trout update; Tom Wadsworth (WDFW) ○ Future Fish Passage In Lieu Decision Update ○ Merwin Upstream Passage – Status ○ Swift Floating Surface Collector – Status ○ Acclimation Pond Removal – Update from FS needed on Crab Creek gabion wall
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: 2625672

FINAL Meeting Notes
Lewis River License Implementation
Aquatic Coordination Committee (ACC) Meeting
November 8, 2018
Conference Call

ACC Representatives Present (12)

Kim McCune, PacifiCorp
 Chris Karchesky, PacifiCorp
 Erik Lesko, PacifiCorp
 Tom Wadsworth, WDFW
 Sam Gibbons, WDFW
 Peggy Miller, WDFW
 Aaron Roberts, WDFW
 Ruth Tracy, USDA Forest Service
 Greg Robertson, USDA Forest Service
 Amanda Froberg, Cowlitz PUD
 Adam Cole, WA Recreation and Conservation Office
 Joshua Ashline, NMFS

Calendar:

December 13, 2018	ACC Meeting	Merwin HCC
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Assignments from October 11, 2018	Status
Lesko – Provide Spring Chinook rearing strategies table to ACC for review.	Pending

Assignments from July 12, 2018	Status
Karchesky - A decision is requested from the ACC on how to proceed with winter steelhead Adult Trap Efficiency (ATE) at Merwin Dam no later than December 13, 2018.	Complete – 12/13/18

Parking Lot Items	Status
Begin review of aquatic fund document edits no later than May 2019. The 2018 edits are attached to the September 13, 2018 ACC Meeting notes. Wordsmith item 4&5 of Attachment D, Evaluation Criteria.	

Opening, Review of Agenda and Meeting Notes

Erik Lesko (PacifiCorp) called the meeting to order at 9:05am and also reviewed the agenda. An update on Lewis River Hatchery broodstock and screw trap will be provided at the end of the meeting.

Lesko also reviewed the October 11, 2018 meeting notes. The meeting notes were approved with clarifying changes at 9:10 a.m.

Public Comment

None

2018 Winter Steelhead Adult Trap Efficient Report (ATE Report)

Chris Karchesky (PacifiCorp) reminded the ACC attendees that the draft Adult Trap Efficiency (ATE) Report was emailed to the ACC November 5, 2018 for a 30-day review and comment period. Comments are due by December 5, 2018.

The Monitoring & Evaluation Plan describes the need for an evaluation of the collection efficiency of the Merwin Dam adult fish trap for upstream migrating winter Steelhead, spring Chinook and Coho salmon. This current report focuses on results evaluating collection efficiency of blank wire tag (BWT) hatchery Winter Steelhead. The ATE Report is also under review with the H&S Subgroup who are meeting November 29 2018. The Subgroup will make its recommendation on how to proceed with future ATE studies at Merwin Dam at the December 13, 2018 ACC Meeting. A decision regarding this topic is requested from the ACC no later than December 13, 2018.

Study/Work Product Updates

H&S Subgroup

The Subgroup is currently working on take tables for the HGMPs and will be discussed at the H&S Subgroup meeting on November 29, 2018. The Subgroup will be working on the Annual Operating Plan during the morning session. After the morning session, recommendation(s) regarding the ATE report will be discussed and provided at the next ACC meeting for review and approval.

Bull Trout Subgroup Update; Tom Wadsworth (WDFW)

Wadsworth informed the ACC attendees that the BT Subgroup will finalize a report that synthesizes known information for Lewis River bull trout and send to the ACC for review in December 2018. A tentative date for a presentation on this report to the ACC is the January 10, 2019 meeting. Wadsworth also noted that they wish for the Forest Service to review the report before it is sent to the ACC.

In Lieu Update

Lesko informed the ACC attendees that the Services requested an additional extension from the FERC to December 4, 2018.

Acclimation Pond Removal (Crab Creek)

Ruth Tracy (USDA Forest Service) expressed to the ACC that they informed PacifiCorp they want the gabion wall at Crab Creek removed. PacifiCorp is currently working on a memorandum of understanding that they will present to the Forest Service.

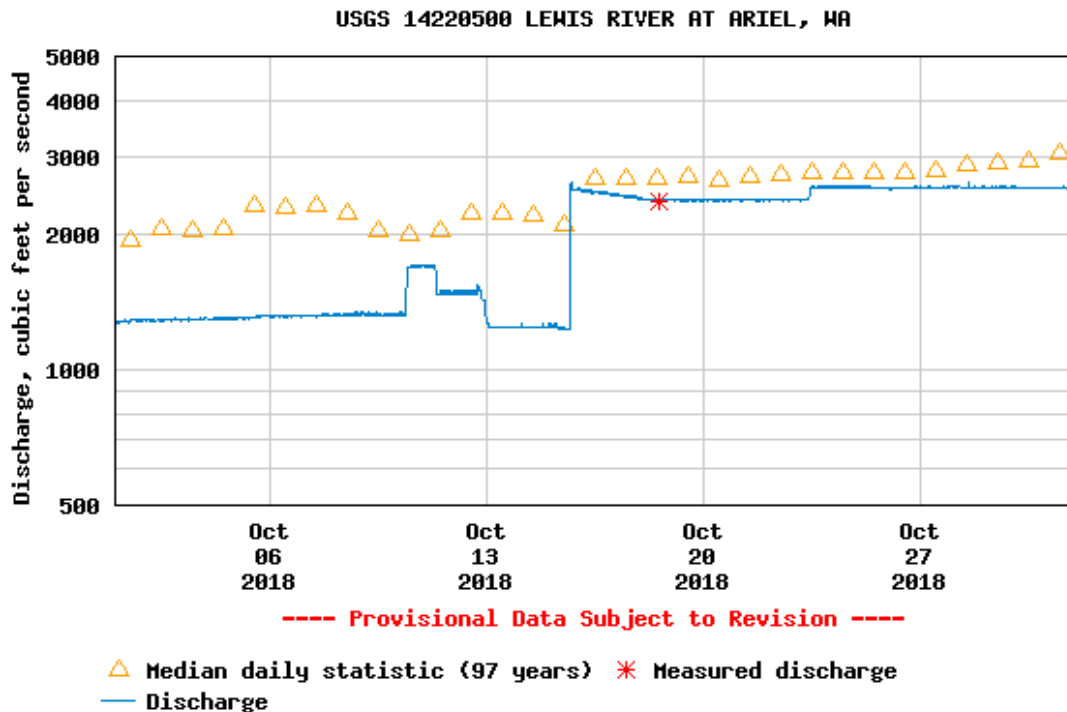
Merwin Fish Collection Facility and General Operations ([Attachment A](#))

During the month of October, a total of 1,977 fish were captured at the Merwin Dam Adult Fish Collection Facility. The majority of these fish were coho (1,340 – 68%) of which 584 were coho jacks. The spring Chinook run concluded in early September. A total of 2,106 spring Chinook returned to Merwin Trap in 2018.

No major outages occurred in October, the Merwin Dam Fish Collection Facility ran continuously during the month.

River flow below Merwin Dam remained near the minimum flow requirements of 1,200 cfs through October 15, 2018, and 2,500 cfs beginning October 16, 2018 through the end of the month.

Discharge, cubic feet per second



Karchesky (PacifiCorp) informed the ACC that an outage is scheduled for Merwin Fish Collection Facility the week of November 26th, 2018 for routine maintenance.

Upstream Transport ([Attachment A](#))

Nine Blank Wire Tag (BWT) winter steelhead were transported upstream above Swift Dam in December 2017. Two additional fish were transported earlier in the fall for a total of 11 BWT steelhead collected and transported in fall/winter 2017. An additional 1,216 BWT winter steelhead were transported upstream for a total of 1,227 fish transported as part of the 2018 run year. *One hatchery Winter Steelhead was captured in October 2018.*

Run Year	Male	Female	Total adult winter steelhead taken upstream of Swift Dam
2012	141	48	189
2013	440	301	741
2014	452	581	1,033
2015	746	477	1,223
2016	378	376	754

2017	331	261	592
2018	682	535	1,227

A total of 700 adult spring Chinook have been transported upstream as part of the 2018 run. Of these fish, 329 were transported from the Merwin Dam Fish Collection Facility with an additional 371 fish being transported from the Lewis River Hatchery. Transported upstream were 177 females, 491 Males, and 32 jacks. By the end of June, all surplus adult spring Chinook previously being held at Lewis River Hatchery had been distributed into the upper basin or used as brood stock.

By the end of October 2018, 1,916 adult early-run coho (1,029 male/579 female) had been transported upstream along with 308 wild jacks. Fifteen (15) adult late-coho along with 13 wild jacks had also been transported upstream. Through the end of October, a total of 35 returning PIT-tagged early coho have been observed at Merwin Trap. All of these returning PIT tagged coho were tagged in spring 2017 and 2018 at the Swift Floating Surface Collector before release into the Lewis River below Merwin Dam. Six of the returning PIT-tagged coho have been observed as adults while the rest have been jacks/jills.

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

The Swift Reservoir Floating Surface Collector was returned to service on October 15, 2018. By the end of the month, 242 fish had been collected. The majority (98%) of these fish were out-migrating juvenile coho (n=156) and spring Chinook (n=78).

Karchesky (PacifiCorp) also noted that since early November, collection numbers have increased at the FSC and there are currently 200 – 250 fish per day being collected. Most of these fish have been juvenile Coho.

It was also noted the in order to install the false floor (discussed at the October 11, 2018 ACC meeting), the FSC will need to be off. Currently, this work is scheduled to occur from January 15 – January 30, 2019.

Other

Hatchery Broodstock - Aaron Roberts (WDFW) informed the ACC that the Lewis River Hatchery currently has 192 late-Coho HOR (males & females) and 60 late-Coho NORs. He said hatchery collection was far behind the expected return. Roberts also noted that they experienced electrical issues at the hatchery trap but they were back on line at 10:00am November 7th. They need to collect approximately 500 pair for the Lewis on-station program.

Screw Trap – Lesko informed the ACC attendees that the screw trap was installed on October 15 near the Lewis River golf course downstream of Merwin Dam. The purpose of the trap is to look at the migration timing and distribution of spring Chinook smolts released at Lewis River Hatchery. The trap was averaging about 180 smolts per day during the first few days after the volitional release period started at the hatchery. However, numbers dropped off quickly and are now averaging less than 10 per day. PacifiCorp recommends removing the trap next week due to the low catch rates.

Agenda items for December 13, 2018

- November 8, 2018 Meeting Notes
- Aquatic Fund Presentation; LR 21 Phase III
- ATE Report; Review and approval
- H&S Update; Subgroup
- In Lieu Update
- Study/Work Product Update

Adjourn 9:35am

Next Scheduled Meeting:

December 13, 2018
Merwin Hydro Control Center
9:00 a.m. - TBD

Meeting Handouts & Attachments:

- Meeting Notes from 10/11/18
- Agenda from 11/8/18
- **Attachment A** – Lewis River Fish Passage Report (October 2018)

Lewis River Fish Passage Report

October 2018

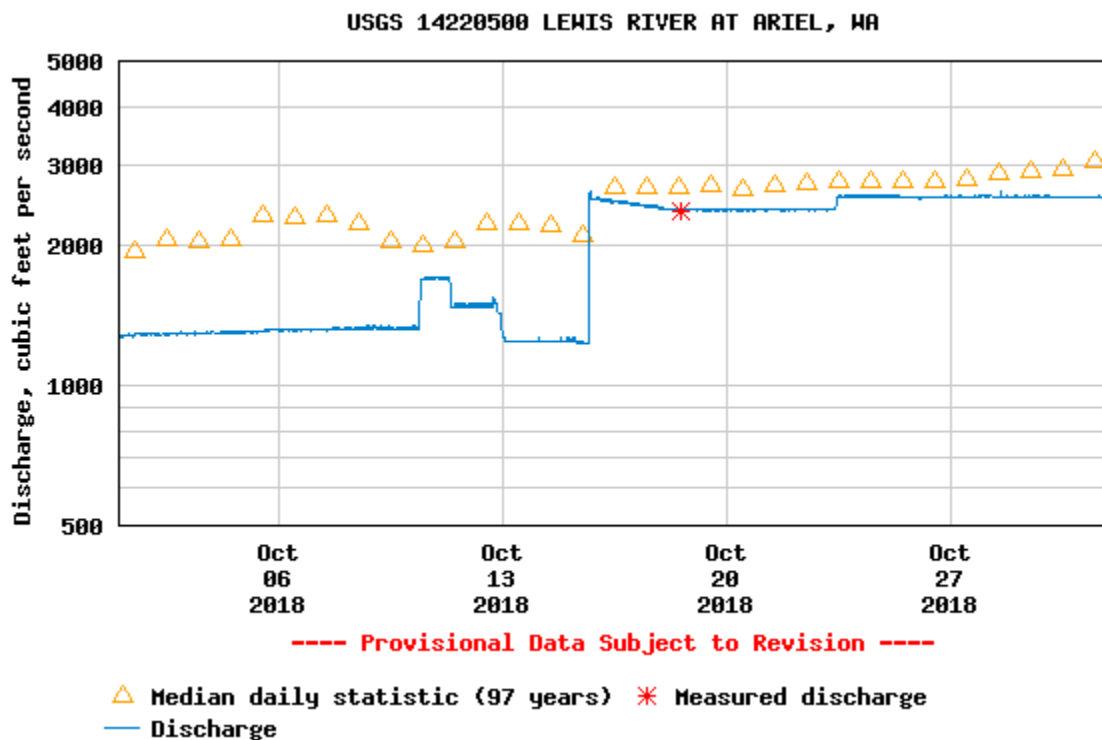
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Floating Surface Collector (FSC)

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Fish Facility Report
Swift Floating Surface Collector
October 2018

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																
02																
03																
04																
05																
06																
07																
08																
09																
10																
11																
12																
13																
14																
15																
16		6	7			11				1						25
17		1	9			13										23
18			17			7										24
19		3	5		1	1				1						11
20		7	8			3									1	19
21			7													7
22			3											1		4
23			1			2										3
24			3			4										7
25			4													4
26			4													4
27		1	2			1										4
28			7													7
29		3	7			19			1	1						31
30	1		13			16				1						31
31		1	37													38

Monthly	1	22	134	0	1	77	0	0	1	4	0	0	0	1	1	242
Total	851	3649	34571	31	465	4146	7	15	7856	14	3	826	17	7	2079	54537

