

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

Date & Time: Thursday, February 14, 2013
9:00 a.m. – 12:15 p.m.

Place: Merwin Hydro Control Center
105 Merwin Village Court
Ariel, WA 98603

Contacts: Frank Shrier: (503) 320-7423
Lore Boles (Merwin Desk): (360) 225-4412

Time	Discussion Item
9:00 a.m.	Welcome <ul style="list-style-type: none"> ➤ Review Agenda & 1/10/13 Meeting Notes ➤ Comment & accept Agenda & 1/10/13 Meeting Notes
9:15 a.m.	<ul style="list-style-type: none"> ➤ Study/Work Product Updates <ul style="list-style-type: none"> ○ Release Ponds ○ Acclimation Pond/Crab Creek Update ○ Hatchery Upgrades ○ Hatchery and Supplementation Plan ○ 2013 Bull Trout Plan ○ Merwin Upstream Construction Status ○ Swift Downstream Collector Status ○ Future Fish Passage Facilities New Information – Status ○ Yale Spillway Barrier Net - Status
9:30 a.m.	<ul style="list-style-type: none"> ➤ Lewis River Side Channel near Little Creek grant proposal presentation – Adam Haspiel (USFS)
9:45 a.m.	<ul style="list-style-type: none"> ➤ Muddy River Tributary near Hoo Hoo Bridge grant proposal presentation – Adam Haspiel (USFS)
10:00 a.m.	<ul style="list-style-type: none"> ➤ Little Creek Fish Habitat Restoration grant proposal presentation – Adam Haspiel (USFS)
10:20 a.m.	Break
10:30 a.m.	<ul style="list-style-type: none"> ➤ Survey of Bull Trout stream habitat features to develop future habitat restoration projects grant proposal presentation – Adam Haspiel (USFS)
11:00 a.m.	<ul style="list-style-type: none"> ➤ Cedar Creek Reach 1A grant proposal presentation – Tony Meyer (LCFEG)
11:30 a.m.	Review 2012/2013 Aquatic Fund Process Timeline
11:45 a.m.	BPA I-5 Corridor Transmission Line Project Update
12:00 p.m.	<ul style="list-style-type: none"> ➤ Next Meeting’s Agenda ➤ Public Comment Opportunity <p>Note: all meeting notes and the meeting schedule can be located at: http://www.pacificorp.com/es/hydro/hl/lr.html#</p>
12:15 p.m.	Adjourn

Join by Phone

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

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

Conference ID: 1814916

DRAFT Meeting Notes
Lewis River License Implementation
Aquatic Coordination Committee (ACC) Meeting
February 14, 2013
Merwin Hydro Control Center

ACC Participants Present (14)

Kimberly McCune, PacifiCorp Energy
 Frank Shrier, PacifiCorp Energy
 Erik Lesko, PacifiCorp Energy
 Chris Karchesky, PacifiCorp Energy
 Jeremiah Doyle, PacifiCorp Energy
 Peggy Miller, WDFW (via conference)
 Adam Haspiel, US Forest Service
 David Hu, US Forest Service (via conference)
 Diana Gritten-MacDonald, Cowlitz PUD
 Aaron Roberts, WDFW
 Eric Kinne, WDFW
 Michelle Day, NMFS
 Pat Frazier, LCFRB
 Shannon Wills, Cowlitz Indian Tribe (via conference)

Guests (2)

Tony Meyer, LCFEG
 Peter Barber, LCFEG

Calendar:

March 14, 2013	ACC Meeting	Merwin Hydro
April 11, 2013	ACC Meeting	Merwin Hydro

Assignments from December 13, 2012 meeting		
McCune: Email USFWS and Cowlitz Tribe representatives and provide an additional 7-day comment period prior to finalizing these decisions for the Aquatic Fund Pre-proposals selections		Complete – 12/14/12

Assignments from November 8, 2012 meeting		
Al-Chokhachy: Provide description and photos of the PIT tag detection site to Haspiel (US Forest Service) as soon as possible for the required Special Use Permit relative to the <i>Development of New Information to Inform Fish Passage Decisions at the Yale and Merwin Hydro Projects.</i>		In process as of 2/14/13

Assignments from September 13, 2012 meeting	
Kinne: H&S Supplementation Program – Determine location and installation method for screw trap placement in the lower river.	Complete – 3/14/13
Assignments from January 12, 2012 meeting	
Coordinate a summer tour of the Swift Downstream Collector Construction for the Cowlitz tribal council. (One month delay was recommended. Shannon Wills to confirm with Tribe leadership). <i>PacifiCorp working on a public rollout; April 2013 is possible.</i>	Complete – 3/14/13 Tour scheduled –4/11/13
Assignments from March 8, 2012 meeting	
Murdock - indicated that she will email literature to Shrier regarding Yakama Nation acclimation reports. <i>November 2012: Shrier is still awaiting information.</i>	Status No response as of 1/10/13

Opening, Review of Agenda and Meeting Notes

Frank Shrier (PacifiCorp) called the meeting to order @ 9:15 a.m. Shrier requested all attendees identify themselves for those participating via conference. The ACC reviewed the agenda and no additions/changes were requested.

The pending assignments were reviewed and updated, as appropriate.

The January 10, 2013 meeting notes were reviewed and approved without change at 9:25am.

Kim McCune (PacifiCorp) will finalize the January 10, 2013 meeting notes for posting to the Lewis River website.

Study Updates

Woodland Release Ponds

Waiting on completion of Eulachon consultation between NMFS and FERC. Michelle Day (NMFS) provided written approval for releasing juveniles directly into the lower Lewis River for this fish passage season only. NMFS also replied that they do not have a problem with piling driving as long as it's done with a vibratory hammer. Response pending from USFWS.

Acclimation Pond/Crab Creek Update

PacifiCorp and US Forest Service are working on NEPA process; environmental assessment out to the public next week for a 45-day review period; according to David Hu (US Forest Service) they are waiting for a response from NMFS.

Hatchery Upgrades -

The following four projects remain on schedule for completion in 2013.

- Lewis River Hatchery – Modifications to the downstream intake pump support and screens. This is dependent however on receiving a determination from NMFS that the project will not jeopardize eulachon.
- Merwin Hatchery – Upgrades to the PLC, metering and alarming at the ozone facility are on schedule
- Speelyai Hatchery – Modifications to the intake structure is on schedule
- Speelyai Hatchery – Conversion of Pond 14 to raceways is on schedule

Lower River Coho Critical Habitat Determination

Regarding coho critical habitat Michelle Day (NMFS) referenced page 110 of the NMFS Biological Opinion which states, “*NMFS has not yet designated critical habitat for Lower Columbia River coho. Should we designate critical habitat for coho in the action area, we will review the PCEs and determine whether the effects of the Projects are substantially different than those described for LCR Chinook and LR steelhead critical habitat. If we find that the effects to coho habitat would likely be the same as the effects to Chinook and steelhead critical habitat articulated in this Opinion, then we may describe that consultation as an amendment. If not, re-initiation of consultation would be required*”.

Hatchery & Supplementation (H&S) Program

A final 2013 Annual Operating Plan was distributed to the ACC last week; need approval from landowners for screw trap; start netting March 1, 2013.

2012 Bull Trout Report and 2013 Bull Trout Plan

Both the 2012 Report and Plan are complete, which will be sent to the ACC in early March for a 30-day

Merwin Upstream Construction Status

Under construction and on schedule; no delays expected; pouring concrete now.

Swift Downstream Collector Construction Status

Operating daily; currently doing evaluation of passage corridors; working on a few punch list items with contractor; see [Attachment A](#) for detailed Fish Facility Report – January 2013.

Development of New Information to Inform Fish Passage

Starting this project in earnest in March 2013; PacifiCorp will PIT tag acclimation Spring Chinook and coho for initial studies. Unmarked coho and Chinook will also be placed into Yale and Merwin, and then tracked with hydroacoustics to determine where the fish congregate at the two dams. This information will help PacifiCorp determine where to locate the downstream collectors.

Yale Spillway Barrier Net

In process of installing new support cable and anchors; completion is expected in March 2013.

2012/2013 Lewis River Side Channel near Little Creek (Adam Haspiel, USFS)

Haspiel presented a PowerPoint illustrating project location, detailing project description, target species, and project length. Haspiel discussed in detail the methods for timber harvest, tree transport, and log install. He also provided a typical structure drawing and a detailed project budget. **Fund request is \$60,000.**

The PowerPoint presentation can be viewed at the following link:

http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/Hydro/Hydro_Licensin%20g/Lewis_River/USFS%20-%20LR%20Side%20Channel%20near%20Little%20Creek%20presentation.pdf

Project is dependent on \$70,000 grant funds from Lower Columbia Fish Recovery Board (LCFRB). Haspiel will be applying for these funds in Fall 2013; if successful funds will be awarded in January 2014.

If the Forest Service is not awarded the LCFRB funds Haspiel will apply for the additional \$70,000 from the ACC Aquatic Fund in the 2013/2014 funding cycle.

2012/2013 Little Creek Fish Habitat Restoration (Adam Haspiel, USFS)

Haspiel presented a PowerPoint illustrating project location, detailing project description, target species, and project length. Haspiel discussed in detail the methods for timber harvest, tree transport, and log install. He also provided a typical structure drawing and a detailed project budget. **Fund request is \$87,000.**

The PowerPoint presentation can be viewed at the following link:

http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/Hydro/Hydro_Licensin%20g/Lewis_River/USFS%20-%20LR%20Little%20Creek%20Fish%20Habitat%20presentation.pdf

A cost saving of approximately \$18,000 can be obtained if this project is combined with Lewis River Side Channel 4. Savings would be reduced NEPA and equipment move-in costs for a total of **\$69,000.**

<Break 10:30am>

<Reconvene 10:40am>

2012/2013 Muddy River Tributary near Hoo Hoo Bridge (Adam Haspiel, USFS)

Haspiel presented a PowerPoint illustrating project location, detailing project description, target species, and project length. Haspiel provided photos just below the project proposal section as an example of large woody debris installation. He also provided a detailed project budget. **Fund request is \$39,000.**

The PowerPoint presentation can be viewed at the following link:

http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/Hydro/Hydro_Licensin%20g/Lewis_River/USFS%20-%20Muddy%20River%20Trib%20near%20Hoo%20Hoo.pdf

2012/2013 Survey of Bull Trout stream habitat features to develop future habitat restoration (Adam Haspiel, USFS)

Haspiel presented a PowerPoint detailing project description, project location, detailing project description, target species, and project length. Haspiel provided photos just below the project proposal section as an example of large woody debris installation.

Haspiel reviewed existing information and project tasks needed for the project outcome. He also provided a detailed project budget. **Fund request is \$59,226.**

The PowerPoint presentation can be viewed at the following link:

http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/Hydro/Hydro_Licensing/Lewis_River/USFS%20-%20Survey%20of%20BT%20stream%20habitat%20presentation.pdf

2012/2013 Cedar Creek Reach 1A (Peter Barber, Lower Columbia Fish Recovery Board)

Barber presented a PowerPoint detailing project description, project benefits and discussion about consideration for lampreys in all stream disturbing activities.

Barber also provided a detailed project budget. **Fund request is \$53,000.**

The PowerPoint presentation can be viewed at the following link:

http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/Hydro/Hydro_Licensing/Lewis_River/LCFEG%20-%20Cedar%20Creek%20Reach%201A.pdf

Review 2012/2013 Aquatic Fund Process Timeline

Kim McCune (PacifiCorp) informed the ACC of the following timeline/expectations for the remaining 2012/2013 Aquatic Fund responses and decisions:

Activity	Actual Date
Proposals submitted to ACC (30 day review)	2/1/13 (complete)
Conduct proposed project information meeting (opportunity for project proponent to present project information to ACC)	2/14/13 (complete)
Proposal comments due to Utilities	3/1/13
Utilities provide draft selection matrix to ACC for review	3/4/13
Conduct project selection meeting (finalize list of projects to receive funding pending FERC's approval)	3/14/13
Submit project selection report to FERC	4/15/13 (latest date possible)

Bonneville Power Administration (BPA) I-5 Corridor Transmission Line Project Update

Shrier encouraged the ACC to review the BPA Draft Environmental Impact Statement (DEIS) for any aquatic concerns. The BPA extended the comment deadline to March 25, 2013. McCune informed the ACC attendees that the TCC, PacifiCorp (i.e., corporate, transmission, properties) have drafted a comment letter to address project concerns, potential impacts, etc. Any ACC concerns provided will also be incorporated into the TCC responses. A copy of the final documents will be provided to the ACC for its reference.

The DEIS document can be located on the BPA website at the following link:

<http://www.bpa.gov/Projects/Projects/I-5/Pages/Draft-EIS.aspx>

Other Topics

The ACC approved giving PacifiCorp's current large woody debris to the Adam Haspiel (US Forest Service) for aquatic fund projects to be constructed in 2013. Haspiel also intends to request the \$2,000 Lewis River LWD funds available in the 2013 transport fund. Large wood for next year will be made to the LCFEG for the Cedar Creek and Eagle Island proposed work.

Shrier informed the ACC as a follow-up that the Upper Release flow back up plan has been implemented and 10 large pumps have been set up near the Upper Release intake in the Swift Canal. The pumps will remain on standby for 30 days or until the reservoir elevation is returned to at least 951 ft-msl.

<12:05 p.m. meeting adjourned >

Agenda items for March 14, 2013

- Review February 14, 2013 Meeting Notes
- 2012/2013 Aquatic Fund Decision-making Meeting
- 2012 DRAFT ACC/TCC Annual Report
- Study/Work Product Updates
- Updates - Dr. Robert Al-Chokhachy, Development of New Information to inform fish passage decisions at Yale and Merwin
- BPA I-5 Corridor Transmission Line Project Update

Public Comment

None

Next Scheduled Meetings

March 14, 2013	April 11, 2013
Merwin Hydro Control Center	Merwin Hydro Control Center
Ariel, WA	Ariel, WA
9:00 a.m. – 3:00pm	9:00 a.m. – 3:00pm

Meeting Handouts & Attachments

- Notes from 1/10/13
- Agenda for 2/14/13
- **Attachment A** – Swift Floating Surface Collector – Fish Facility Report, January 2013

Fish Facility Report

Swift Floating Surface Collector

January 2013

Day	Coho		Chinook		Steelhead		Cutthroat		Bull Trout		Planted Rainbow
	fry	smolt	fry	smolt	fry	smolt	< 13 in	> 13 in	< 13 in	> 13 in	
01		11					4				
02		13		4			2				
03		20		4			3				
04		8		8							
05		9									
06		17									
07		6									
08		4		1			1				
09											
10		5		1			2				
11		3		1							
12		7		4							
13		5		1							
14		1		2							
15		4		1							
16		2		1			1				
17		4									
18		8									
19		6		1			1				
20		3		3			1				
21		14		4							
22		11		1							
23		14		5							
24		4									
25				1							
26		1		1							
27		1									
28				1							
29		1		1			2				
30		1		2							
31		3		1							

Monthly 0 186 0 49 0 0 17 0 0 0 0

Annual 0 186 0 49 0 0 17 0 0 0 0

In addition to presented counts: No adult coho, Chinook, or steelhead were collected at the facility.

All coho, Chinook and steelhead smolts and cutthroat were transported downstream.

All fry, bull trout, and planted rainbow were returned to Swift Reservoir.