

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

Date & Time: Thursday, April 11, 2013
9:00 a.m. – 3:00 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 & 3/14/13 Meeting Notes ➤ Comment & accept Agenda & 3/14/13 Meeting Notes
9:15 a.m.	I-5 Corridor Reinforcement Project Update
9:30 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 ○ Merwin Upstream Construction Status ○ Swift Downstream Collector Status ○ Future Fish Passage Facilities New Information – Status ○ Yale Spillway Barrier Net - Status
9:45 a.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.html</p>
10:00 a.m.	Safety ¹ orientation for Swift Floating Surface Collector
10:15 a.m.	Depart for tour and plan to return to HCC by 3:00
3:00 p.m.	<i>Adjourn</i>

Please bring rain gear and sturdy walking shoes – PacifiCorp will have 2 vehicles for transportation of up to 7 additional passengers

Join by Phone

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

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

Conference ID: 1814916

Please bring your lunch

FINAL Meeting Notes
Lewis River License Implementation
Aquatic Coordination Committee (ACC) Meeting
April 11, 2013
Ariel, WA

ACC Participants Present (7)

Kimberly McCune, PacifiCorp Energy (via conference)
 Frank Shrier, PacifiCorp Energy
 Peggy Miller, WDFW
 Aaron Roberts, WDFW
 Eric Kinne, WDFW (via conference)
 Jim Malinowski, Fish First
 LouEllyn Jones, USFWS

Guests (4)

Tim Romanski, USFWS
 Ken Sandusky, USFS
 Chris Maynard, WDOE
 Jim Pacheco, Ecology Water Resources

Calendar:

May 9, 2013	ACC Meeting	Merwin Hydro
June 13, 2013	ACC Meeting	Merwin Hydro

Assignments from March 14, 2013 meeting	
Kinne: Talk to Mara at WDFW regarding control group clarification and get back to Shrier and/or Lesko on or before Wednesday, March 20, 2013.	Complete

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, date TBD

Opening, Review of Agenda and Meeting Notes

Frank Shrier (PacifiCorp) called the meeting to order @ 9:05 a.m. Shrier requested all attendees identify themselves for those participating via conference. The ACC reviewed the agenda and Shrier communicated that he had a couple of update that he will include in the Study/Work Product Updates portion of the agenda.

The pending assignments were reviewed and updated, as appropriate.

The March 14, 2013 meeting notes were reviewed and Kim McCune (PacifiCorp) informed the attendees that she inadvertently did not include the 2012/2013 Aquatic Fund decision details.

The ACC agreed that McCune will add the detail and resend the final notes to the ACC. In addition, the following sentence on page 2, first paragraph will be edited to read as follows, “*As such, this project will not happen in the summer of 2013 as originally scheduled*”. The meeting notes were approved at 9:15am with the requested changes/additions. McCune will finalize the March 14, 2013 meeting notes for posting to the Lewis River website.

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

McCune informed the attendees that BPA contacted PacifiCorp about access to its lands and PacifiCorp responded on March 22, 2013 with detailed requirements, to include a Site Access Agreement for their signature. PacifiCorp has not yet received a signed Site Access Agreement from BPA.

Study Updates

Woodland Release Ponds

Shrier informed the ACC attendees that the delay due to the National Marine Fisheries Service (NMFS) ESA consultation on impacts to Eulachon remains unchanged. PacifiCorp is currently releasing directly into the Lewis River at Pekins Ferry or Island boat ramp.

Acclimation Pond/Crab Creek Update

Project in a delayed approach as PacifiCorp does not have all the permitting/ rulings it needs to build in the summer 2013. Waiting for USFS signature on NEPA; public notice period is still needed; Army Corp will also need to issue permitting for dredge and fill

Bidders have visited the site for construction and provided two bids, one for 2013 and the other for 2014 depending upon when the project will be constructed.

PacifiCorp provided a deadline to USFS of 4/15/13 for the FONSI letter. We do not know if this deadline will be met.

Approximate direct releases to date are:

15,000 Spring Chinook – Crab Creek/ 750 PIT tagged

38,000 Muddy/ 1750 PIT tagged

38,000 Clear Creek/ 1750 PIT tagged

Some are PIT tagged; if caught at screw trap they are scanned there and then, if caught at floating surface collector, will be automatically scanned again.

Ad-clipped Coho were tagged with PIT tags – 2,000; for release into Clear Creek. Netting – 30 adult Winter Steelhead; 75% of the captures have blank wire tag; wild brood on schedule for hatchery take.

Lower river screw trap install will take place on April 12, 2013.

Monitoring & Evaluation (M&E) Requirement

The Eagle Cliff screw trap was deployed on March 25, 2013. It has been fishing and one day after release of 38,000 acclimation spring Chinook the trap had captured up to 2,000 in one night of fishing! Recent high flows have adversely affected fishing time and the trap is currently not fishing due to some damage sustained during the recent high flow event. We expect the trap to

be back fishing this week. Aerial surveys for radio tagged steelhead began on April 2, 2013 and will continue on a weekly basis until early June, 2013. Most fish are still in Swift Reservoir, but three have moved into Pine Creek (1 female and two males). Another fish from last year was found in the reservoir last week and has since moved to the mouth of Pine Creek. Distribution of these fish again appears to be limited to the Muddy River confluence and select tributaries in the reservoir.

Hatchery Upgrades -

The following projects remain from Schedule 8.7 of the Lewis River Settlement Agreement and changes have been made to the following projects due to Eulachon and permitting issues:

- Lewis River Hatchery – Modifications and structural support for the downstream intake.
 - PacifiCorp has not received coverage from NMFS regarding Eulachon. Therefore, this project has been delayed to 2014. The lack of Eulachon coverage will also affect the release ponds. This in turn will affect release of smolts captured at the FSC. All smolts will continue to be direct released at Pekins Ferry boat launch through 2013 and part of 2014.
- Merwin Hatchery – Upgrades to the PLC, metering and alarming at the ozone facility remains on schedule for 2013
- Speelyai Hatchery – Modifications to the intake structure has been delayed due to county requirements for a geotechnical survey to be completed prior to issuance of the shoreline permit. This work will cause the project to miss the in water work period of the state and therefore delay the project until 2014
- Speelyai Hatchery – Conversion of Pond 14 to raceways – This project remains on schedule for completion in 2013.

Hatchery & Supplementation (H&S) Program

Wild winter steelhead broodstock collection is ongoing weekly. This week we deployed two boats and tangle netted 30 adult steelhead. Six of these were taken to the hatchery for genetic analysis and potential broodstock. The vast majority of fish captured are program fish (blank wire tags in their snout) that are double floy tag marked and released back into the river to evaluate Merwin trap collection and contribution on the spawning ground. Given the numbers of BWT fish in the river the contribution rate is likely to be upwards of 75 percent. Currently we have on hand 12 total steelhead (5 females and 7 males). We need a total of 25 by April 15, 2013 to meet the targeted run curve in the plan. The first female was spawned on April 10, 2013, with 2 males (these fish were part of the 12 total on hand). Kelt reconditioning will begin after May 1, 2013 on kelts collected in the FSC. We have approximately 1,200 program winter steelhead smolts in one of the circular ponds at Merwin hatchery. These fish have all been PIT tagged and appear to be doing very well in terms of feed uptake and activity. Redd surveys continue on a weekly basis and it is now peak time in the lower river. The lower river screw trap is scheduled to be deployed on Friday, April 12, 2013 near the golf course.

Merwin Upstream Construction Status

Construction going well and back on schedule. Captured 267 Winter Steelhead in the old trap; no disease; healthy looking fish.

Swift Downstream Collector Construction Status

ACC and its invited guests will be touring the Collector today.

Development of New Information to Inform Fish Passage

Study team currently conducting hydroacoustic surveys.

Yale Spillway Barrier Net

Partially in place; anchor system not holding; currently undergoing re-design.

Bypass Siphon

Backup pumps at canal; will install on April 17, 2013; water will turn off and we will go into spill mode for approximately one day. No total dissolved gas (TDG) problems. 90 – 95 cfs in upper release for install of limiter valve.

Other Topics

Shrier provided Site Access Agreements for certain attendees to sign that are not a government agency.

Eric Kinne (WDFW) inquired about obtaining photos of the signs on the Swift boom to provide the public. McCune said she would discuss it with PacifiCorp staff and email Kinne the details.

Tour Safety Orientation

Shrier insured that all tour attendees have hard hats and safety glasses. He also informed the attendees of the following conditions at the floating surface Collector:

- Some construction on site but minor
- PacifiCorp crew working fish; give way to working staff i.e., fish crew, electricians, etc.
- Watch footing; steel grates and bumpers on the walk out to the Collector
- Don't look down if you are afraid of heights
- Gang planks move so hold railings
- Wet surface; could be slippery conditions
- Overhanging pipes but well above head level; busy place so be watchful and aware; watch your step
- No chemical hazards
- Could be tape barricades for painting; do not cross these areas
- No steel toe shoes require; but sturdy walking shoes
- Photo and video acceptable but if distributed out please notify PacifiCorp
- Beware of tree trimming activity on the highway when driving to the Collector

All attendees signed the safety orientation document.

<10:00 a.m. meeting adjourned – Depart for tour of Floating Surface Collector >

Agenda items for May 9, 2013

- Review April 11, 2013 Meeting Notes
- Study/Work Product Updates
- Woodland Release Ponds; Direct Release; Delay Schedule

Public Comment

None

Next Scheduled Meetings

May 9, 2013	June 13, 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 3/14/13
- Agenda for 4/11/13
- **Attachment A** – Swift Floating Surface Collector – Fish Facility Report, March 2013

Fish Facility Report

Swift Floating Surface Collector

March 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		6									
02		10									
03		10									1
04		43		4							
05		50									1
06		28		2			1				
07		17									
08		24		5							
09		25					1				
10		24									1
11		13		2			1				
12		11		2			2		1		
13		12		1		1					
14		34					3				
15		9									
16		31									
17		16					1				
18		22				1	1				
19		80		1			2		1		1
20		32		1			1				
21		5				1					
22		24		2			3				1
23		9									
24		16		3							
25											
26		1					1				
27		2									
28		3									
29		7									
30		5		1			1				
31		7		3			2				

Monthly	0	576	0	27	0	1	20	0	2	0	5
Annual	0	872	0	111	0	4	45	0	2	0	6

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.