

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

Date & Time: **Thursday, May 9, 2013**
 9:00 a.m. – 10:00 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 & 5/9/13 Meeting Notes ➤ Comment & accept Agenda & 4/11/13 Meeting Notes
9:15 a.m.	<ul style="list-style-type: none"> ➤ Study/Work Product Updates <ul style="list-style-type: none"> ○ Woodland Release Ponds; Direct Release; Delay Schedule ○ 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 Note: all meeting notes and the meeting schedule can be located at: http://www.pacificorp.com/es/hydro.html
10:00 a.m.	<i>Adjourn</i>

Join by Phone

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

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

Conference ID: 1814916

FINAL Meeting Notes
Lewis River License Implementation
Aquatic Coordination Committee (ACC) Meeting
May 9, 2013
CONFERENCE CALL

ACC Participants Present (7)

Kimberly McCune, PacifiCorp Energy
 Frank Shrier, PacifiCorp Energy
 Chris Karchesky, PacifiCorp Energy
 Adam Haspiel, USFS
 LouEllyn Jones, USFWS
 Jim Malinowski, Fish First
 Pat Frazier, LCFRB

Calendar:

June 13, 2013	ACC Meeting	Merwin Hydro
July 11, 2013	ACC Meeting	Merwin Hydro

Assignments from May 9, 2013 meeting		
Shrier: Review the status of the Crab Creek site and get back to Jones at USFWS.		Complete 5/9/13
Haspiel: Will discuss the status of Crab Creek site with David Hu (USFS) and report back to ACC.		Complete 5/10/13

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 @ 9:10 a.m. Shrier requested all attendees identify themselves for the benefit of all on the conference call. The ACC reviewed the agenda and no changes/additions were requested.

The April 11, 2013 meeting notes were reviewed and approved without change at 9:15 a.m. McCune will finalize the April 11, 2013 meeting notes for posting to the Lewis River website.

Study Updates

Woodland Release Ponds

Same schedule; waiting for NMFS to respond to the FERC on Eulachon, which is 30 days past the regulatory due date. NMFS lack of response is holding up any work on release ponds and lower intake on hatchery

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/Muddy and Clear Creek Update

Received finding from the US Forest Service; the Forest Service submitted the document for a 45 day public review and comment period; USFWS consulted on Muddy and Clear Creek. Work window is July 15, 2013. Still possible to build this year but with each day of delay the possibility is reduced. After June 4, 2013, as far as Environmental Assessment is concerned, we can proceed with the work. 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.

Acclimation Pond Crab Creek Update

Final drawings not complete; likely Crab Creek will be installed in 2014.

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.

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

LouEllyn Jones (USFWS) expressed that they have not received formal request for consult regarding the Crab Creek site. Shrier will review the status of the Crab Creek site and get back to Jones. Adam Haspiel (USFS) will discuss the status of Crab Creek site with David Hu (USFS) and report back to ACC.

Monitoring & Evaluation (M&E) Requirement

The Eagle Cliff screw trap was deployed on March 25, 2013. It has been fishing daily and efficiency testing is upwards of 10 percent. Aerial surveys for radio tagged steelhead began on April 2, 2013 and continue on a weekly basis. The most recent flight on May 10, 2013 indicated that the vast majority of fish are presently in the reservoir. These fish are probably kelts. Foot surveys of the reservoir tribs yielded several live steelhead and numerous redds at the mouths of these tributaries. This may indicate that fish transported upstream that are near spawning do not migrate far and prefer to use the reservoir tributaries to spawn. Several fish have not been detected through aerial surveys and it is thought that these fish are either deep in the reservoir or mortalities within the reservoir. Boat surveys are also being done in combination with aerial surveys to increase detection probabilities in the reservoir.

Hatchery Upgrades -

Below is the current schedule for remaining hatchery upgrade projects detailed in Section 8.7 of the Settlement Agreement:

- 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 2014. Additionally, spring Chinook smolts will need to be reared in Pond 15 again in 2014 unless a suitable alternative can be found.
- 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 netting ended on 5/6/2013. The reason for this was the lack of suitable fish (nearly all fish are post spawn kelts) and the large proportion of blank wire tagged fish is making collection of suitable broodstock very difficult. Therefore, to reduce the risk of netting on spawning fish we decided to end netting at this time. Egg take will not reach our target of 80,000 eggs. Anticipated egg take for this year is 50,000. Shrier indicated that we are not getting enough fish returned to keep the brood stock program going. Pat Frazier (LCFEG) would like to engage when discussion takes place regarding wild brood. Shrier expressed valid concerns about the brood stock which needs to be addressed.

Redd surveys continue on a weekly basis and it is now peak time in the lower river. The lower river screw trap is operating daily and checked by WDFW on a daily basis. The trap was deployed on April 12, 2013 near the golf course.

Merwin Upstream Construction Status

On schedule for a December 2013 startup; old trap shut down July 1, 2014; the fall back is the Lewis River ladder; Delivery of pipe pieces is schedule for May 20, 2013.

Swift Downstream Collector Construction Status

Debris collection not inhibiting fish passage; making a noticeable difference; getting fair number of fish ([Attachment A](#)); priority is improving function of debris boom; evaluation and adjustments are needed.

Development of New Information to Inform Fish Passage

Conducting review of all work completed to date to establish baseline; used hydroacoustic to determine where start in earnest next month with data collection.

- Food habitat
- Isotope analysis

- Pick up stable isotope samples to begin analysis

Yale Spillway Barrier Net

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

Other Topics

None

<10:00 a.m. meeting adjourned >

Agenda items for June 13, 2013

- Review May 9, 2013 Meeting Notes
- Study/Work Product Updates
- Woodland Release Ponds; Direct Release; Delay Schedule
- Brood Program Review and Discussion

Public Comment

None

Next Scheduled Meetings

June 13, 2013	July 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 4/11/13
- Agenda for 5/9/13
- **Attachment A** – Swift Floating Surface Collector – Fish Facility Report, April 2013

Fish Facility Report

Swift Floating Surface Collector

April 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											
02		11					1				
03		48		9			6				4
04		12		6							
05		20		13			1				1
06		53		13			3				1
07		70		17			2				1
08		77		16			3				3
09		53		13			2				
10		80		20		1	6				1
11		54		9			1				4
12		85		14			3				1
13		17		10			5				2
14		32		4			1				2
15		40		4			6				
16											
17		28		8			3				2
18		14					1		2		
19		11		4							
20		23									2
21		25		2							
22		20		2							1
23		9		2		2		1			
24											
25											
26											
27		30				1	3				8
28		11		2							4
29		77		2			1	1	1		27
30		53		3		1	3				7

Monthly	0	953	0	173	0	5	51	2	3	0	71
Annual	0	1885	0	286	0	12	98	2	5	0	78

In addition to presented counts: One adult steelhead kelt was collected at the facility and returned to the lower river.
 All coho, Chinook and steelhead smolts and cutthroat were transported downstream.
 All fry, bull trout, and planted rainbow were returned to Swift Reservoir.