

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

Date & Time: **Thursday, July 11, 2013**
 9:00 a.m. – 11:00 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 & 6/13/13 Meeting Notes ➤ Comment & accept Agenda & 6/13/13 Meeting Notes
9:00 a.m.	Acclimation Pond/Crab Creek - Status of permitting and Water Right
10:00 a.m.	<ul style="list-style-type: none"> ➤ Study/Work Product Updates <ul style="list-style-type: none"> ○ Woodland Release Ponds - Status ○ Hatchery Upgrades - Status ○ Hatchery and Supplementation Plan - Status ○ Clear Cr. and Muddy R. Acclimation Pond - Status ○ Merwin Upstream Construction - Status ○ Swift Downstream Collector - Status ○ Future Fish Passage Facilities New Information – Status ○ Yale Spillway Barrier Net - Status
10:45 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>
11:00 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
July 11, 2013
CONFERENCE CALL

ACC Participants Present (12)

Kimberly McCune, PacifiCorp Energy
 Frank Shrier, PacifiCorp Energy
 Erik Lesko, PacifiCorp Energy
 Diana Gritten-MacDonald, Cowlitz PUD
 David Hu, US Forest Service
 Adam Haspiel, US Forest Service
 Peggy Miller, WDFW
 Eric Kinne, WDFW
 Aaron Roberts, WDFW
 Pat Frazier, LCFRB
 Bob Rose, Yakama Nation
 Chris Maynard, WDOE

Calendar:

August 8, 2013	ACC Meeting	Conference Call
September 12, 2013	ACC Meeting	Merwin Hydro

Assignments from July 11, 2013 meeting		
Shrier: Provide Chris Maynard (WDOE) the name of the water right contact specific to the Crab Creek water right application.		Complete - 7/17/13
Kinne: Provide PacifiCorp with final data sets for both the traps.		Complete – 7/12/13

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, date TBD

Opening, Review of Agenda and Meeting Notes

Frank Shrier (PacifiCorp) called the meeting to order at 9:05 a.m. Shrier requested all attendees identify themselves for the benefit of all on the conference call. The ACC reviewed the agenda and the following addition was requested:

- Aquatic Fund Collection Agreement Updates – MSHI and LCFEG
- Aquatic Fund Collection Agreement – Landowner Access Agreement (WDFW)

The June 13, 2013 meeting notes were reviewed and approved without change at 9:10 a.m. Kimberly McCune (PacifiCorp) will finalize the June 13, 2013 meeting notes for posting to the Lewis River website.

Acclimation Pond/Crab Creek – Status of permitting and Water Right

Shrier informed the ACC that David Hu (US Forest Service) is working on the permitting. PacifiCorp applied for its water right approximately two years ago but not expecting the permit any time soon. We still have 18 months before we start up the project. There was an adjustment needed in the text whereby better clarification that we are taking water out of Crab Creek and returning it to the Lewis which requires a different permit. Permit is currently with a WDOE staff member. Chris Maynard (WDOE) would like to know the name of the water right contact.

Hu communicated that the Environmental Assessment (EA) is complete and the NEPA is almost complete; on standby for the final project proposal and the 90% drawings. McCune informed the attendees that PacifiCorp requested a formal extension for the Crab Creek site to December 26, 2014.

Study Updates

Woodland Release Ponds

NMFS (National Marine Fisheries Service) working on Eulachon consultation. Shrier informed the ACC attendees that the delay due to the NMFS ESA consultation on impacts to Eulachon remains but NMFS has sent a letter to FERC committing to a decision document by the end of July. PacifiCorp may need to revise its drawings depending on the outcome of the consultation; still expecting construction summer of 2014.

Acclimation Pond/Muddy and Clear Creek Update

Construction began on July 8, 2013; camping areas closed during construction periods. Wetland mitigation was required by the ACOE. Links to the construction drawings were provided to the ACC for their review on June 28, 2013.

Hatchery Upgrades

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

Projects scheduled for completion in 2013

- Merwin Hatchery – Upgrades to the PLC, metering and alarming at the ozone facility remains on schedule for 2013
- Speelyai Hatchery – Conversion of Pond 14 to raceways – This project remains on schedule for completion in 2013.

Projects scheduled for 2014

- 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
- Lewis River Hatchery – Modifications and structural support for the downstream intake.

Screw Traps

Both the Eagle Cliff and lower Lewis River screw traps have been removed for the year. The Eagle Cliff trap caught a lot of fish relative to the lower Lewis River trap which had disappointing catch rates. The HSS will need to determine options for 2014 and we can discuss this at the August 7 meeting. PacifiCorp is waiting for the raw data sets to be provided by WDFW for both the traps.

Hatchery & Supplementation (H&S) Program

A Hatchery and Supplementation team meeting has been scheduled for August 7, 2013 to discuss two main topics. First, is a discussion regarding the wild winter steelhead program and protocols for 2014. A substantial number of program fish returned to the river this year and we need to develop protocols to distinguish progeny from these fish and progeny of true wild fish (if possible). Lesko has invited geneticists to this meeting to provide possible solutions to this problem. We will also need to discuss the program size and whether changes need to be made given the returns observed. The other issue is the development of a genetic mark recapture protocol for fall Chinook.

Merwin Upstream Construction Status

The existing adult collection facility at Merwin Dam was decommissioned on June 28, 2013 to allow for construction activities for the new facility scheduled to come on-line at the end of this year.

The old 1933 components are being removed and replaced with new. The hatcheries are relying entirely on Lewis River hatchery ladder for broodstock. This year there was enough spring Chinook for broodstock needs so PacifiCorp was able to transport and release over 400 Chinook upstream of Swift.

A total of 438 adult Chinook salmon and 741 BWT winter steelhead have been transported upstream of Swift Dam, see ([Attachment A](#) – Swift Floating Surface Collector – Fish Facility Report, June 2013).

Aaron Roberts (WDFW) stated hatchery personnel are working the Lewis River Hatchery ladder one time per week but will increase the frequency as needed if there are substantial returns.

Swift Downstream Collector Construction Status

One of the sump pumps in the stern of the FSC failed on July 5th. These sump pumps are critical components and, without them working properly, there is a risk of swamping the vessel which is certainly an event to avoid. The FSC was returned to operation July 10th (see [Attachment B](#) regarding the FSC temporary shutdown).

PacifiCorp is planning to shut the FSC during a 4-week period in September to complete some work left undone following start-up. This work requires de-ballasting the vessel and floating it up so that the work can be completed in the dry. This work will be done when the reservoir surface water is warmest and downstream migration is unlikely.

PacifiCorp engineering and environmental staff recently met with B&V and R2 Resources regarding the tears in the barrier net at the FSC. The contractors will be providing an action plan

to address the deficiencies in the net design and a tentative scheduled for repair by mid-July, 2013.

PacifiCorp received the draft report of the FSC flow study and it is currently in review by NOAA. Everything looks to be consistent with design.

The pilot study to evaluate smolt collection efficiency of the FSC remains ongoing. A total of 96 coho and 68 Chinook smolt were radio tagged and released upstream of the FSC as part of this study. A preliminary data summary on smolt behavior is expected from Cramer Fish Sciences.

The number of fish collected on a daily basis at the FSC continues to decline as the spring out-migration season comes to a close. Since the first of the year, 17,000 smolts have been collected. Of those about 80% have been coho.

To date, nine adult steelhead kelts have been collected at the FSC; all have been transported and released downstream of Merwin Dam.

Development of New Information to Inform Fish Passage

Well under way; collecting pike minnow for population estimates to assess predation potential. They are also verifying anadromous fish barriers and other habitat work completed in the past including GPS of all the significant barriers. In addition they are collecting biological samples to fill in the gaps from the baseline study.

Yale Spillway Barrier Net

No new information.

Other Topics

Aquatic Fund Collection Agreement Updates – MSHI

Adam Haspiel (US Forest Service) requested an update of the Mt. Saint Helens Institute (MSHI) collection agreement as funds are needed to proceed with the project this summer. McCune informed the attendees that PacifiCorp has increased its insurance requirements of which MSHI were unable to meet without considerable expense. PacifiCorp staff has requested management to reduce the insurance limits for MSHI or for PacifiCorp pay the additional expense which is \$4,200 per year for the duration of the project. McCune indicated she is expecting a response from PacifiCorp very soon.

Aquatic Fund Collection Agreement Updates –LCFEG

McCune indicated that the same situation is holding up the Lower Columbia Fish Enhancement Group collection agreement. The additional expense to meet the PacifiCorp insurance requirement is \$7,200 per year for the duration of the project.

Aquatic Fund Collection Agreement – Landowner Access Agreement (WDFW)

In response to an email from McCune regarding the Access Agreement needed for the LCFEG Cedar Creek Reach 1A Restoration project, Peggy Miller (WDFW) informed the attendees that she is assisting with routing the Landowner Access Agreement and it is currently with Elise Kane (WDFW Real Estate Dept.). Ms. Kane will be returning to the office on July 15, 2013.

<10:00 a.m. meeting adjourned >

Agenda items for August 8, 2013

- Review July 11, 2013 Meeting Notes
- Study/Work Product Updates

Public Comment

Maynard informed the attendees that WDOE has hired a new staff member, Carol Serdar to work on the hydro projects in the area.

Next Scheduled Meetings

August 8, 2013	September 12, 2013
Conference Call	Merwin Hydro Control Center
Ariel, WA	Ariel, WA
9:00 a.m. – 11:00am	9:00 a.m. – 3:00pm

Meeting Handouts & Attachments

- Notes from 6/13/13
- Agenda for 7/11/13
- **Attachment A** – Swift Floating Surface Collector – Fish Facility Report, June 2013
- **Attachment B** – FSC Temporary Shutdown, email dated July 8, 2013

Fish Facility Report

Swift Floating Surface Collector

June 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		636		1			13				32
02		466		20		10	23				2
03		235		1			4				21
04		343		10			2				1
05		410		11		10	31				11
06		432		1			1				2
07		223		20		10	21				2
08		132		21		10	10				12
09		519		21			21				50
10		327		21		1	8				23
11		225		13		1	5		2		17
12		119		9		8					11
13		113									8
14		127		15							20
15		259		16			13				12
16		100		11		1	10				10
17		145		3							
18		36		31		1					1
19		160									
20		63		13							1
21		18		17			4				
22		46		19							
23		28		1							
24		20		4							
25		57		2			2				2
26		22		8							
27		27					2				
28		49					2				1
29		45		3							
30		33		5					1		
Monthly	0	5415	0	297	0	52	172	0	3	0	239
Annual	0	14660	0	959	0	161	45	0	9	0	808

*In addition to presented counts: Four Steelhead kelts (3 males, 1 female) were collected and transported downstream. No adult Coho or Chinook were collected.

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

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

McCune, Kimberly

From: McCune, Kimberly
Sent: Monday, July 08, 2013 4:26 PM
To: (Aaron.roberts@dfw.wa.gov); (michael_hudson@fws.gov); (Timothy_Whitesel@fws.gov); Adam Haspiel (ahaspiel@fs.fed.us); Bart Stepp; Bob Rose (rosb@yakamafish-nsn.gov); Bryan Nordlund; Craig Olds (colds@cowlitz.org); David Hu; Diana MacDonald; Doyle, Jeremiah; Eli Asher (easher@cowlitz.org); Eric Kinne; Ferraiolo, Mark; gghalseth@gmail.com; 'Jeff Breckel'; Jim Malinowski (j.malinowski@ieee.org); 'johnson@co.skamania.wa.us' (johnson@co.skamania.wa.us); Karchesky, Chris; Kathryn Miller (kmiller@tu.org); Lesko, Erik; LouEllyn Jones; Mariah Stoll-Smith Reese (M.Reese@tds.net); Maynard, Chris (ECY); Melody Tereski; Michelle Day; Olson, Todd; Patrick Frazier (pfrazier@lcfwb.gen.wa.us); Patrick Lee; peggy.miller@dfw.wa.gov; Rhidian Morgan (rmmorgan@plasnwydd.org); Ruth Tracy; Samagaio, James; Shannon Wills; Shrier, Frank; Taylor Aalvik (taalvik@cowlitz.org)
Subject: RE: FSC temporary shutdown

Attn: ACC Representatives

Please be advised that a small problem has occurred at the Swift FSC. One of the sump pumps in the stern of the FSC failed a couple of days ago. We continued operating the FSC for a while but have now shut it down temporarily while we make the necessary repairs. These sump pumps are critical components and, without them working properly, there is a risk of swamping the vessel which is certainly an event that we want to avoid. Technical contractors are working on the problem and making the necessary repairs. We will put the collector back into service as soon as the repairs are made in a couple of days.

On a similar note there was some work left undone on the collector when it was put into service and some fixes to the crowders and other in-water components that need to occur. This work requires deballasting the vessel and floating it up so that the work can be completed in the dry. The proposed timeframe is September for about a four week period. I suggested that time when the reservoir surface water is warmest and downstream migration is unlikely.

We will discuss this and the pump repair outage at the ACC meeting this Thursday.

Thank you.

Kimberly McCune
Sr. Project Coordinator
PacifiCorp Energy - Hydro Resources
825 NE Multnomah, Suite 1500
Portland, OR 97232
Ph: (503) 813-6078