

**FINAL Meeting Notes**  
**Lewis River License Implementation**  
**Aquatic Coordination Committee (ACC) Meeting**  
**October 13, 2011**  
**In-Person at Merwin HCC**

**ACC Participants Present (8)**

Todd Olson, PacifiCorp Energy  
Sabrina Hickerson, PacifiCorp Energy  
Adam Haspiel, USDA Forest Service  
Dave Hu, USDA Forest Service (Teleconference)  
LouEllyn Jones, USFWS  
Eli Asher, Fish Recovery Board (Teleconference)  
Peggy Miller, WDFW  
Eric Kinne, WDFW

**Calendar:**

November 10, 2011	ACC Meeting	Merwin Hydro
December 8, 2011	ACC Meeting	Merwin Hydro

<b>Assignments from March 10, 2011 meeting:</b>	<b>Status:</b>
<b>Bull Trout Subgroup</b> – Todd Olson (PacifiCorp) will draft a schedule and bring to September's meeting for discussion. Waiting on response from WDFW.	<b>Pending</b>

< 9:08 a.m. – Meeting began >

**Opening, Review of Agenda and Meeting Notes**

Todd Olson (PacifiCorp Energy) called the meeting to order at 9:08 a.m. The team reviewed the agenda, noting that the Merwin Trap had been added to the agenda. The agenda was accepted at 9:10 a.m.

The meeting notes were reviewed next. Eli Asher (LCFRB) has previously sent Sabrina Hickerson (PacifiCorp Energy) some minor corrections (i.e. number of attendees was incorrect, and Jim Malinowski was listed with LCFRB instead of Fish First). She made these changes, and the meeting notes were accepted at 9:11 a.m.

**Aquatic Fund Updates**

Hickerson advised that the final date for the pre-proposals is Monday, October 17, 2011. Adam Haspiel (USFS) advised he was working on some and he will email them to Hickerson when ready.

Additionally, the close-out report for the Lower Columbia Fish Enhancement Group's project, the North Fork Lewis River Mile 13.5 Off-Channel Habitat Enhancement, managed by Tony Meyer, was received and Hickerson advised she would forward it to the ACC for review.

Lastly, Hickerson advised that the funding available had been adjusted based on some money that was returned unused from the Forest Service, and payments made for this year's projects to the Forest Service. Please see Attachment A for review.

### **Merwin Trap Rebuild**

Olson gave an overview of the rebuild of the Merwin Trap (See Attachment B). Kinne had some questions and Olson said he would need to defer to Arnold Adams (PacifiCorp Energy) for answers. They agreed to follow-up with Adams during the tour scheduled later in the morning.

### **Study Updates**

*Woodland Release Ponds* – PacifiCorp has purchased the property where the release ponds will be constructed and is in the process of finalizing construction plans with the City of Woodland. There is some question as to where and when sidewalks will be put in at this location and how to best coordinate this with the city's plans for road work in the same area.

There is a bald eagle in the area and Kendel Emmerson (PacifiCorp Energy) will be watching it to prevent disturbance.

The cultural review has been completed and no issues were found.

A biological assessment (BA) is being completed for the eulachon smelt for all Lewis River projects going forward. When ready, this will be sent out to the ACC for review. The goal is to cover everything in the BA that has to be completed for the SA as opposed to doing a separate BA for every project.

*Lewis River Hatchery Pond 16* – The concrete is complete and the project should be complete within the coming weeks. Kinne has looked at the work and approves.

*Lewis River Upstream and Downstream Intakes* – These projects are scheduled for 2012, after the BA is complete. WDFW expressed concern that these issues are not being addressed sooner.

*Speelyai Kokanee Weir* – Work has been delayed due to the reservoir levels. The in-water work window has been extended.

*Speelyai Pond 14 & Intake* – WDFW completed their site visit at this location, reviewing both Pond 14 and the intake work. The contract, McMillen, is drafting the 90% design of Pond 14 and the 60% design of the intake based on WDFW's feedback. Both are scheduled for 2012.

*Habitat Preparation Plan* – The goal of 2000 early Coho has been met. The fish have been transported and released into Swift at the boat ramp.

*Anadromous Fish Reintroduction* - The goal for next year is to transport 9000 coho, 2,000 spring Chinook, and all F-1 generation wild x wild winter steelhead crosses released from Merwin Hatchery. The F-1 winter steelhead will have a blank wire nose tag to identify them.

## **Fish Truck**

Haspiel asked about the first fish transportation truck that was purchased by PacifiCorp. Olson advised that it is complete and ready for use but the staff has not yet been hired to drive it. There were some liability concerns about leasing the truck to WDFW for use, so the two have decided to allow the truck to wait until PacifiCorp hires its own staff to start using the truck.

One other truck is in the process of being designed and constructed. Kinne advised that he wanted to review the design because there is a known issue with the opening on the tank. WDFW has modified all their trucks to change the opening on the tank from a round hold to a 12 x 16 rectangular opening to allow easier release of the fish. Hickerson immediately emailed the engineer handling the design and advised him to contact Kinne for further discussion.

## **Study Updates *continued...***

*Merwin Upstream Fish Facility* – On the agenda for today's tour. The trap was made available for use on October 7, 2011. The last section of the retaining wall was poured on October 6, 2011.

*Swift Downstream Fish Facility* – Also on the schedule for the tour today. The stairway leading to the facility is in the water and work continues to drive trestle piles.

Kinne asked if there would be a tram to haul the fish from the facility to the trucks for transport and Olson advised that no, it would be a roadway-bridge type structure which a trained driver would drive the fish truck. The tram was the original plan but after design consideration, a roadway was selected as it would have few issues related to possible breakdown.

The current schedule is to float the collector and move it down to the mooring tower in the spring when reservoir levels are elevated.

## **Acclimation Ponds and Elk**

Peggy Miller (WDFW) advised that at the TCC meeting yesterday there was some discussion about the acclimation ponds that are to be built on the Muddy River and Crab, and Curly Creeks. WDFW and RMEF are concerned that the maintenance and access of these ponds will cause disturbance to the elk that are known to use the areas.

Hickerson advised that she will forward WDFW a copy of the acclimation pond plans. Olson advised that snow-plowing to access the ponds would only occur when the snow levels have reduced to around six inches, perhaps in April. Crab Creek has assigned for use in the fall as opposed to the spring.

*< 10:11 a.m. meeting adjourned for site visit to Swift & Merwin Fish Facilities >*

**Agenda items for October 13, 2011**

- Review October 13, 2011 Meeting Notes
- Aquatic Funding
- Study/Work Product Updates

**Public Comment**

None

**Next Scheduled Meetings**

November 10, 2011	December 8, 2011
Merwin Hydro Control Center	Merwin Hydro Control Center
Ariel, WA	Ariel, WA
9:00 a.m. – 2:00 p.m.	9:00 a.m. – 2:00 p.m.

**Meeting Handouts & Attachments**

- Attachment A: Aquatic Funding
- Attachment B: Merwin Trap Rebuild
- Notes from 9/8/11
- Agenda for 10/13/11

<b>Lewis River License Implementation</b> <b>Lewis River Aquatics Fund - Resource Projects</b> <b>Sections 7.5, 7.5.1, 7.5.3, 7.5.3.1 &amp; 7.7</b>					Funding Start Date: 4/30/05
Release Date	Funds Received	Expense		Balance	Notes
12/31/05				\$ 161,327.11	Contributions in 2004 dollars, adjusted for inflation.
4/30/06	\$ 212,172.03				
9/30/06		\$ 46,000.00			Muddy River Tributary Road Decommission - USDA FS *
12/31/06				\$ 351,804.14	
4/30/07	\$ 164,776.65	\$ 80,000.00			Fish Passage Culvert Replacement - USDA FS*
8/23/07		\$ 79,000.00			2007 Dispersed Camping & Day Use Road Restoration - USDA FS
9/6/07		\$ 75,000.00			2007 Aquatic Funding Enhancement Projects - Cowlitz Indian Tribe*
12/31/07				\$ 312,534.84	
4/30/08	\$ 225,723.71				
7/3/08		\$ 34,000.00			2008 Clear Creek Road Decommission - USDA FS
7/3/08		\$ 117,000.00			2008 Muddy River Habitat Improvement - USDA FS
10/2/08		\$ 43,500.00			2008 Mud Creek Enhancement - Cowlitz Indian Tribe *
12/31/08				\$ 363,297.10	
4/30/09	\$ 374,275.05				
8/20/09		\$ 190,000.00			2009 NF RM 13.5 Habitat Enhancement - LCFEG*
9/16/09		\$ 106,000.00			2009 Clear Creek Instream - USDA FS
9/24/09		\$ 33,000.00			2009 Spencer Peak Road Decommission - USDA FS*
9/25/09		\$ 41,000.00			2009 Nutrient Enhancement Pine Creek - USDA FS
12/31/09				\$ 383,851.59	
4/30/10	\$ 375,965.20				
12/22/10		\$ 50,000.00			2009 Plas Newydd RM 2.0 Off-Channel Habitat Enhancement
12/31/10				\$ 730,749.57	
1/11/11		\$ 41,300.00			2010 Pepper-Lewis Side Channel Instream Habitat Restoration
1/26/11		\$ 32,500.00			2010 Pine Creek Instream and Floodplain Structures for Bull Trout & Steelhead
4/30/11	\$ 381,025.38				
7/21/11		\$ 39,000.00			2011 USFS Muddy River Side Channel Restoration
8/19/11		\$ 42,000.00			2011 USFS Lewis River Side Channel Near Muddy River Instream Habitat Restoration
9/21/11	\$ 1,695.65				2009 USFS Pine Creek Nutrient Enhancement funds not used
9/30/11				\$ 979,824.94	
Total Spent to Date:		\$ 1,049,300.00			
Balance Remaining:		\$ 979,824.94			* Project close out complete

**Note: In August 2009, the Bureau of Economic Analysis (BEA) restated the index numbers in Table 1.1.9 (Implicit Price Deflators for Gross Domestic Product). The index numbers are now based on 2005 = 100. This changes the beginning adjustment number for year 2000, quarter 3.**

<b>Lewis River License Implementation</b> <b>Lewis River Aquatics Fund - Bull Trout</b> <b>Sections 7.5, 7.5.1, 7.5.3, 7.5.3.1 &amp; 7.7</b>					Funding Start Date: 4/30/05
Release Date	Funds Received	Expense		Balance	Notes
12/31/05				\$ 161,327.11	Contributions in 2004 dollars, adjusted for inflation
4/30/06	\$ 106,086.01				
11/30/06		\$ 37,889.08			Pine Creek Nutrient Enhancement - USDA FS*
12/31/06				\$ 248,700.65	
4/30/07	\$ 164,776.65	\$ 25,000.00			Pine Creek Instream & Floodplain Structures for Bull Trout and Steelhead - USDA FS
7/31/07		\$ 20,000.00			Rush Creek Gravel Restoration - USDA FS
8/21/07		\$ 43,150.00			2007 Pine Creek Nutrient Enhancement - USDA FS*
12/31/07				\$ 351,848.59	
4/30/08	\$ 112,861.86				
7/3/08		\$ 13,578.84			2008 Panamaker Crk. Rd Close & Culvert Removal - PacifiCorp*
12/31/08				\$ 472,537.81	
3/25/09	\$ 19,269.66				Return of funds: Rush Creek Gravel Restoration - USDA FS
3/31/09	\$ 23,493.72				Return of funds: Pine Creek Instream & Floodplain Structures for Bull Trout and Steelhead - USDA FS
12/31/09				\$ 531,975.39	
12/31/10				\$ 549,524.45	
1/26/11		\$ 32,500.00			2010 Pine Creek Instream and Floodplain Structures for Bull Trout & Steelhead
		<b>Total Spent to Date:</b>	<b>\$ 172,117.92</b>		
		<b>Balance Remaining:</b>	<b>\$ 521,251.53</b>		

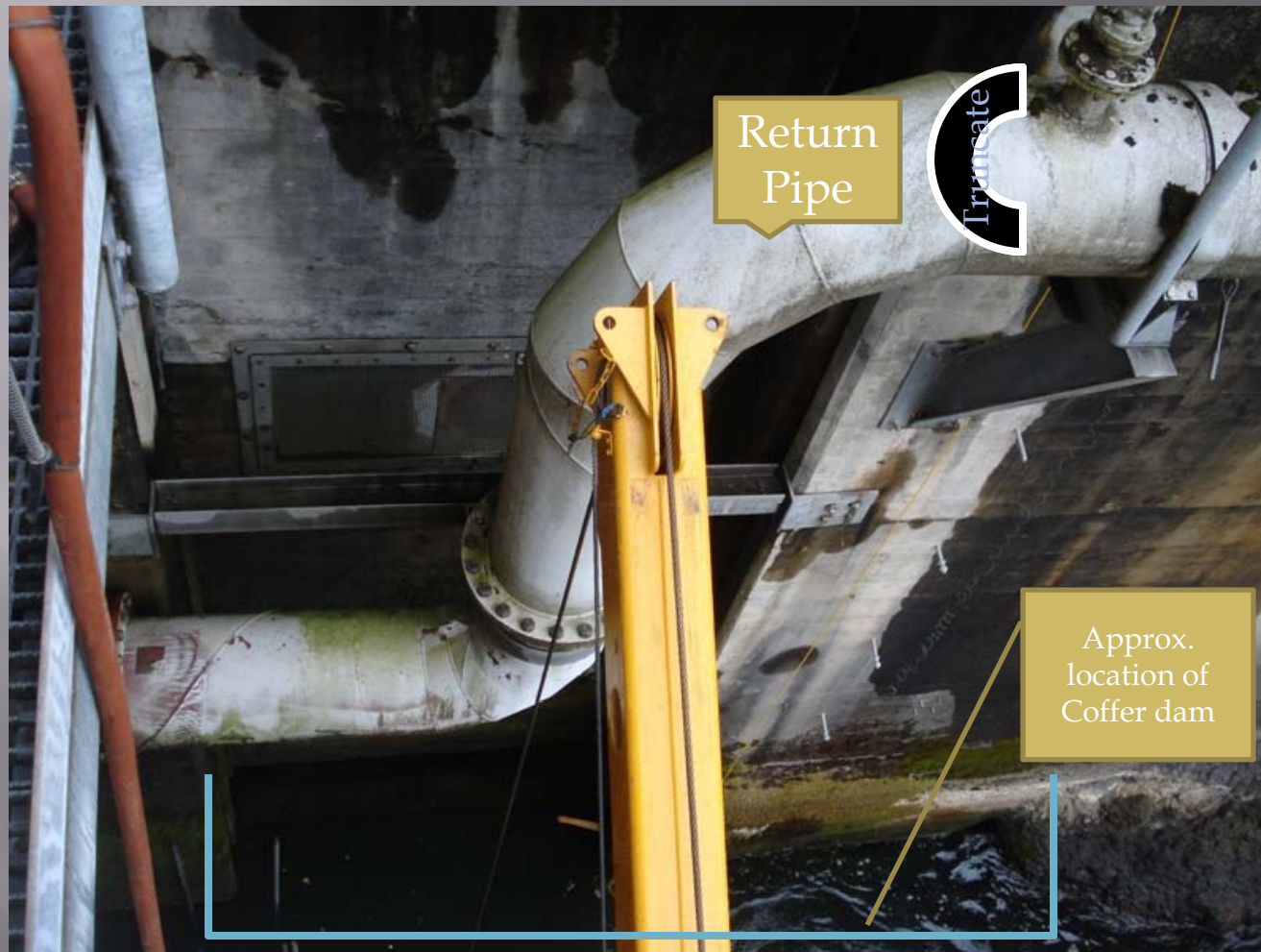
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# Merwin Trap Rebuild





# Cofferdam location





# Hatchery Return water at the Bridge



# Pump Station work

