

**Lewis River Hydroelectric Projects Settlement Agreement
Terrestrial Coordination Committee (TCC)
DRAFT Meeting Agenda**

Date & Time: **Wednesday, March 9, 2011
9:00 a.m. – 12:00 p.m.**

Place: **Merwin Hydro Facility
105 Merwin Village Court
Ariel, WA 98603**

Contacts: **Kirk Naylor: (503) 813-6619; cell (503) 866-8750
Lore Boles (HCC): (360) 225-4412**

Time	Discussion Item
9:00 a.m.	Welcome <ul style="list-style-type: none"> ➤ Preview Agenda ➤ Introductions for PacifiCorp’s new Project Coordinator ➤ Review and comment on notes of 2/9/11 meeting ➤ Adopt 2/9/11 Meeting Notes
9:30 a.m.	➤ Final Review and Comments on Cowlitz PUD’s Draft 2010 Annual Report and 2011 Annual Plan.
10:15 a.m.	Break
10:30 a.m.	➤ Initial Review of PacifiCorp’s WHMP Draft 2010 Annual Report & 2011 Annual Plan.
11:15 a.m.	<ul style="list-style-type: none"> ➤ Lands Update with Columbia Land Trust ➤ Review PacifiCorp Agreement with the Columbia Land Trust and discuss what the future budget and expectations should be.
11:30 a.m.	➤ BPA Update
11:45 a.m.	<ul style="list-style-type: none"> ➤ New topics/issues ➤ 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>
12:00 p.m.	Adjourn meeting

To attend a Voice Conference: Call 503-813-5600 (toll free #800-503-3360), follow the instructions provided and enter Meeting ID: **661919** and password: **661919** when prompted.

FINAL Meeting Notes
Lewis River License Implementation
Terrestrial Coordination Committee (TCC) Meeting
March 9, 2011
MEETING AT MERWIN HCC

TCC Participants Present: (12)

Diana MacDonald, Cowlitz PUD
 Ray Crosswell, RMEF
 Bob Nelson, RMEF
 Bill Richardson, RMEF
 Peggy Miller, WDFW
 Eric Holman, WDFW
 Brock Applegate, WDFW (teleconference)
 Lou Ellyn Jones, USFWS (teleconference)
 Kirk Naylor, PacifiCorp Energy
 Sabrina Hickerson, PacifiCorp Energy
 Mitch Wainwright, U.S. Forest Service
 Nathan Reynolds, Cowlitz Indian Tribe

Calendar:

March 9, 2011	TCC Meeting at Merwin HCC	HCC
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Assignments from January 13, 2010 Meeting:	Status
Naylor: Create a land acquisition spreadsheet to include type designations for the TCC review and approval as necessary.	Pending

Parking lot items from February 10, 2006 Meeting:	Status
Conservation Agreement – what is wanted?	Ongoing – 4/28/06

Parking lot items from October 13, 2010 Meeting	Status
Plan / discuss opportunities for future resource conference and field review of PacifiCorp WHMP implementation measures	Pending

Assignments from March 9, 2011 Meeting:	Status
Naylor: Contact Cherie with Columbia Land Trust and get update regarding time tables.	Pending

Meeting convened at 9:07 AM

Review of Agenda and Finalize Meeting Notes

Introduced Sabrina Hickerson (PacifiCorp Energy) as the new Project Coordinator at PacifiCorp and completed round table introductions of attendees present in person and on the phone.

Kirk reminded the group about the two sign-in sheets, one for the HCC CIPS compliance and one for the TCC meeting attendance. It is very important that everyone sign-in.

The group reviewed the agenda 9:10 AM. Eric Holman (WDFW) requested that we add "Review PacifiCorp Agreement with the Columbia Land Trust and discuss what the future budget and expectations should be." No other changes were made and the agenda was approved.

Meeting notes for the February 9, 2011 TCC meeting notes were reviewed. Kirk Naylor (PacifiCorp Energy) was requested to add a paragraph regarding the field trip to Saddle Dam and issues discussed and discovered at that time. The TCC agreed that once Naylor made his additions the meeting notes would be approved without additional review. Meeting notes were accepted at 9:18 AM pending those additions. There was nothing outstanding in terms of assignments.

Final Review and Comments on Cowlitz PUD's Draft 2010 Annual Report and 2011 Annual Plan

Diana MacDonald (Cowlitz PUD) sent copies of Cowlitz PUD's 2010 Annual Report and 2011 Plan out to everyone for review. She received comments or responses on the Annual Plan from Peggy Miller (WDFW), LouEllyn Jones (USFWS), and Jim Eychaner (Washington Interagency for Outdoor Recreation). She has not received comments on the Annual Report. Hard copies were distributed to those present at the meeting, while those on teleconference were able to review the plan as sections 5.4 and 5.5 of the ACC/TCC Annual Report located on the PacifiCorp website via the following pathway and hyperlink:

<http://www.pacificorp.com/es/hydro/hl/lr.html> > [Licensing Implementation](#) > [Annual Reports](#) > [2010 ACC/TCC Annual Report DRAFT FOR REVIEW](#)

In 2010 the PUD accepted an offer from the Washington Conservation Corp (WCC) who volunteered a week of time to, among other things, remove scotch broom. Later in the year she hired the WCC remove scotch broom and to plant shrubs at Swift No. 2. The first week of work with the WCC went well, the second week did not go as well.. The PUD determined that it would be more efficient to spray the weeds next year.

For 2011, the PUD will be hiring Meridian Environmental to complete the annual weed inspection, monitor public access, and evaluate tree and shrub survival. The WCC had planted trees and shrubs on what they determined to be appropriate site placement as opposed to planting them on a grid. This will make evaluating the survival a bit more difficult, but the PUD will report back on the methodology used by Meridian.

MacDonald made the following recommendation to the TCC: Cowlitz PUD has evaluated a number of alternatives for managing the wildlife habitat in the Project Works, including alternative methods of fertilization. Evaluating lots of alternatives, in addition to the paperwork and administration for planning and reporting, takes a significant portion (60%) of the money budgeted. In the years to come, it would be better to accumulate money over a period of several years in order to build up enough reserve to pay for more significant habitat enhancement measures (e.g. fertilizing a larger area).

Nathan Reynolds (Cowlitz Indian Tribe) requested more time to review and offered to provide comments by the end of the day. MacDonald agreed.

Budget numbers were reviewed and discussed in more detail. Per the settlement agreement, each year's budget is calculated as \$27 per acre per year, inflated from 2003 dollars.

<Break at 9:40 a.m.>

<Reconvene at 9:55 a.m.>

Rocky Mountain Elk Foundation

Kirk Naylor (PacifiCorp Energy) attended the RMEF conference in Reno, NV. He was very impressed by their efficiency, energy and drive to get things done on the ground. While at the conference, PacifiCorp was awarded the Silver Benefactor award for donations to the foundation in support of their continued assistance in achieving part of PacifiCorp's license obligation towards obtaining interests in lands.

Bill Richardson (RMEF) took that moment to also present Naylor and all of the TCC a framed commemorative picture of the wetland area at the recently acquired Saddle Mountain property as an award and "Thank You," for all the hard work and accomplishments.

Initial Review of PacifiCorp's WHMP Draft 2010 Annual Report & 2011 Annual Plan

PacifiCorp Energy sent out the ACC/TCC report on March 1, 2011, for 30-day review and comment period by the two committees. The WHMP 2010 Report and 2011 Plan are listed as Appendices K and L, respectively. Comments are due by March 31, 2011, and should be sent to Sabrina Hickerson at Sabrina.Hickerson@PacifiCorp.com. Feel free to contact Kirk Naylor or Kendel Emmerson at PacifiCorp Energy with any questions or to walk through any significant changes or comments as appropriate.

Naylor walked the group through the entire 2010 Report (ACC/TCC Annual Report, Appendix K), highlighting the following areas:

- Section 4.0: Wetland Habitat Management.
 - o PacifiCorp completed a project to get water re-established in wetlands at Saddle Dam farm. The diversion on Frazier Creek was refurbished and an open diversion ditch was replaced with plastic culvert pipe to ensure water reaching the pond.
 - o General discussion regarding the history of the wetlands, the diversion and water draw-downs and the WHMP objective to control bullfrogs at these ponds was reviewed for Peggy Miller (WDFW) because she recently joined the TCC. Naylor indicated that although he hasn't spent a lot of time at the wetlands recently, he believes there are fewer bullfrogs as a result of the draw-downs and this appears to be effective.
- Section 7.0: Farmland, Idle Fields, and Meadow Habitat Management.
 - o PacifiCorp did a significant amount of work in addition to field reestablishment at the newly acquired Hamm property such as planting a vegetative screen from the public roadway and removal of Himalayan blackberry.
- Section 11.0: Forestland Habitat Management.
 - o Discussed summary of the forest harvest planning on page 16 of WHMP Report.

- Described pre and post harvest vegetation changes for management units 11 and 18 presented in Tables.
- Discussion was held regarding the products used on plants and trees (especially cedars) to protect them from elk. The current Vexar tubes are cost prohibitive on a large scale, so PacifiCorp is trying a variety of different methods and products to minimize cost.
- Section 12.0: Invasive Plant Species Management:
 - WDFW asked about the salmonberry management in the invasive plant control section. PacifiCorp described that salmonberry is a native shrub, but in Northern aspects it will grow like Himalayan blackberry and becomes an invasive species (dense thickets) in a plantation.
 - MacDonald (Cowlitz PUD) asked if it is acceptable to spray salmonberry with Himalayan blackberry when they are mixed together. The group conceded that this is fine, but only in certain areas. Diana will arrange for this to happen in the project works re-vegetation area along the canal, which amounts to less than one-half of an acre.
- Appendix A: 2010 Lewis River Wildlife Habitat Management Plan Actual vs. Plan Schedule.
 - The TCC reviewed the project scheduling chart and discussed schedule outliers, (weed control and invasive species, snag development). There is text in the report regarding anything that is drastically different from the original schedule baseline. Sometimes opportunities present themselves to complete a task or address an issue outside of the original planned schedule. TCC requested that the Baseline vs. Schedule should be defined at the end of the chart.

Following the review the of WHMP 2010 report, Naylor quickly highlighted some areas in Appendix L of the ACC/TCC Annual Report, the WHMP 2011 Plan.

- Section 5.0: Old-Growth Habitat Management
 - Naylor identified the on-going effort to revise the vegetation type maps in order to properly study the connectivity of the old growth. The WHMP objective timeline was to complete evaluations within five years; however vegetation mapping is currently behind schedule. PacifiCorp and the TCC will need to address this in the coming year, but PacifiCorp is aggressively trying to update these maps as fast as possible. The initial WHMP did not account for needing to revise vegetation maps over the five year period.
- Section 9.0 Farmland, Idle Areas and Meadows Habitat Management
 - Peggy Miller (WDFW) asked about the methodology used for mole control. She wanted to know if mole extermination was even necessary, and if the methods used were appropriate. Naylor described in the state of Washington body-gripping traps are illegal. Moles cause a significant amount of damage in the meadows that has led to lost forage due to soil mounding and weeds that grow in the over-turned soil. PacifiCorp chose the current method of mole control to respond to the damage and only legal and most humane method.
- Section 13.0: Forestland Habitat Management.
 - Forest Harvest activities within the Spotted Owl Special Emphasis Area (SOSEA) (Unit 22) were described as only including hardwood areas that have been remapped and physically checked by the wildlife biologists prior to harvesting. The hardwood stands are not suitable spotted owl habitat and the objective is to have

these areas become old growth by accelerating succession through forestry. The WHMP lands in the SOSEA are managed to meet needs of the owl.

- The harvest areas indentified in the 2010 Plan for management unit 22 shifted to the north during initial planning due to stream location updates that eliminated a large area in the southern part of the management unit. Because this wasn't determined until after raptor surveys were begun, the 1500 foot survey radius for raptors didn't cover some of the proposed harvest area and adjacent habitat. This area will be added to the 2011 raptor survey but it there won't be 2-years of data for the area. PacifiCorp suggested that we should await the results of the survey in 2011 before determining to drop a portion of the harvest. PacifiCorp will discuss any concerns with the TCC as needed.
- Appendix M: PacifiCorp Energy 2010 Road Maintenance and Abandonment Plan.
 - This is not part of the WHMP but included as an appendix to ACC/TCC Annual Report to address compliance with current regulations for forest roads.
 - Naylor also described that the IP road is being initially evaluated this year as part of the recreation management obligation to evaluate the roads suitability as a non-motorized trail. Culverts along this road will ultimately be evaluated in part based on the final use of this road as a trail.

The TCC quickly review the funding tables in Section 7 of the ACC/TCC 2010 Annual Report.

Peggy Miller requested a quick organizational overview of the parties putting together the Annual Report in order to know whom to contact and when:

- Diana MacDonald is responsible for both terrestrial and aquatic implementation for Cowlitz County PUD.
- Kirk Naylor (PacifiCorp Energy), Principle Scientist, is the overall lead on implementation of PacifiCorp's WHMP and focuses primarily on the forestland management. Kendel Emmerson (PacifiCorp Energy), wildlife biologist, implements the non-forest management aspects of the WHMP (wetlands, old-growth, farmlands etc.).
- Frank Shrier (PacifiCorp Energy), Principle Scientist, is over the aquatics lead and works with Erik Lesko (PacifiCorp Energy), fish biologist, and Jeremiah Doyle (PacifiCorp Energy), fish biologist.
- Sabrina Hickerson (PacifiCorp Energy) is the project coordinator of the project and handles report compilation and other administrative tasks.

Lands Update with Columbia Land Trust

Cherie Kearny was unable to attend the meeting.

The TCC agreed to have Naylor contact Kearny tomorrow and provide information to the TCC from that discussion.

Bonneville Power Administration (BPA) Update

The bald eagle surveys have been completed by BPA's contractors. There was some question about doing another month of surveying, but it was decided that was unnecessary. The consultants haven't finished doing the habitat mapping along the proposed routes nearest the reservoirs due to

weather conditions. When that is completed a final report will be prepared describing how many acres and of which vegetation types are affected by each segment. BPA and their contractors will present the findings to the TCC in approximately May or June and it may be scheduled separately from the regular monthly TCC meetings in order to address the issues fully.

PacifiCorp has recently met with BPA representatives regarding specific license articles, the Biological Opinion (BiOp) and the WHMP Goals and Objectives that are directly related to the BPA proposed routes. Naylor asked LouEllyn (USFWS) to think about the Biological Opinion and how the USFWS and the utilities should respond to the BPA proposal. The Fish and Wildlife Service was asked if they can write an amendment to the Biological Opinion that would allow for a situation like this. LouEllyn said she would check into it. As the BiOp covers both utilities, Diana MacDonald requested to be included in any discussions and it was agreed.

RMEF

Bill Richardson with the Rocky Mountain Elk Foundation provided handout and updates on the upcoming “Professional’s Day.” (See [Attachment A](#)) The first day is intended to be a continuation of the symposiums that have been ongoing through the ecology industry and the day is developing lots of interest. Focus is intended to be on how to sustain early successional habitat attributes in forest management.

June 24, 2011 will be Professional’s Day, and June 25th, 2011 will be more focused towards the Elk Foundation and the recent habitat acquisitions PacifiCorp and the TCC have made. RMEF is a volunteer-driven organization. Next week the volunteers will start pre-staging areas for sites for the event and working out the details of how to handle over 100 people at the locations.

Next Meeting’s Agenda

- Review of 3/9/11 Meeting Notes
- Final discussions of plans & reports. Get comments in by the end of the month.
- Columbia Land Trust timeline and process

Public Comment Opportunity

No public comment was provided.

Next Scheduled Meetings

April 13, 2011	May 12 , 2011
Merwin Hydro Control Center	Merwin Hydro Control Center
Ariel, WA	Ariel, WA
9:00am – 3:00pm	9:00am – 3:00pm

Adjourn 1:00 PM

Meeting Handouts & Attachments

- Final 3/9/11 Meeting Agenda
- Final 2/9/11 Meeting Notes
- **Attachment A:** RMEF “Professional’s Day” Handout

PacifiCorp/RMEF Field Days
June 24th and 25th, 2011
Lewis River Basin, SW Washington

Friday June 24th

The tour on Friday is focused on early seral wildlife habitat in managed forests, as a continuing part of the series of conferences on Early Seral Forest Habitat. Wildlife professionals, forest managers, landowners, scientists, and others interested in early seral wildlife habitat will be in attendance.

RMEF is involved in several working groups addressing habitat needs for Roosevelt elk and other wildlife. Among several Federal Energy Regulatory Commission (FERC) re-licensing efforts RMEF is working on, the Lewis River Hydroelectric Settlement Agreement calls for PacifiCorp to acquire and manage habitat in the Lewis River Basin. PacifiCorp is leading the way in creating and maintaining early seral habitat in their managed forests. RMEF recently helped PacifiCorp acquire two parcels totaling just less than 1000 acres in the Lewis River Basin, bringing the total land base they manage for wildlife to over 11,000 acres.

The tour will provide folks a chance to see some examples of early seral habitat creation and maintenance, and should be a great opportunity to discuss habitat quality, components and cost. We have examples of PacifiCorp land adjacent to state-owned industrial forest lands that will provide comparison of management goals. There are also numerous habitat types on PacifiCorp land. They manage for mid and late successional habitat, and all of the terrestrial habitat management is guided by the Terrestrial Coordinating Committee (TCC) as part of the FERC settlement agreement. Participants in the TCC include WDFW, USFS, USFWS, tribes, other NGOs, community members and RMEF. The Elk Foundation is pleased to collaborate with these partners, and having the chance to guide management on land we have protected is a rare and wonderful opportunity.

Saturday, June 25th

A Habitat Partner Reception and Tour is scheduled for Saturday June 25th. Similar to Friday's tour, this day will celebrate RMEF's partnership with PacifiCorp. The focus will be primarily on the lands RMEF has helped PacifiCorp acquire for wildlife habitat, with a smaller emphasis on forest management. The tour will pass by the Hamm viewing meadow, travel through and look at the Saddle Dam Property, and tour the Swift property with an opportunity to look over the meadow and snag habitat found there. We will also talk about RMEF's role in guiding habitat management through the TCC. There will be ample opportunity to contrast PacifiCorp's management style with that of other landowners in the area.

Tour Headquarters:

Heritage Park Events Center
7982 Lewis River Rd Ariel WA