

**FINAL Meeting Notes**  
**Lewis River License Implementation**  
**Terrestrial Coordination Committee (TCC) Meeting**  
**June 11, 2008**  
**Lacey, WA**

**TCC Participants Present: (10)**

Curt Leigh, WDFW (via teleconference)  
 Kendel Emmerson, PacifiCorp Energy  
 Kimberly McCune, PacifiCorp Energy  
 Todd Olson, PacifiCorp Energy  
 Kirk Naylor, PacifiCorp Energy  
 Diana Gritten-MacDonald, Cowlitz PUD  
 LouEllyn Jones, USFWS  
 Ray Crosswell, RMEF  
 Bob Nelson, RMEF  
 Nathan Reynolds, Cowlitz Indian Tribe (via teleconference)

**Calendar:**

July 9, 2008	TCC Meeting	Longview, WA
July 10, 2008	ACC Meeting	Merwin Hydro Facility

<b>Assignments from June 11th Meeting:</b>	<b>Status</b>
Naylor: Seek the approval of TNC prior to visiting the real estate site of interest.	<b>Pending</b>
McCune: Schedule a combined ACC/TCC meeting to discuss land updates with only those participants who have signed a confidentiality agreement.	<b>Complete – scheduled for 7/10/08</b>
McCune: Email the accipiter survey details to the TCC to include dates, times, etc.	<b>Complete – 6/12/08</b>

<b>Assignments from May 14th Meeting:</b>	<b>Status</b>
Emmerson: Prepare a list of all the WHMP chapters and indicate their status. Add the list to the meeting notes or send to the TCC via email.	<b>Complete – 5/22/08</b>
McCune: Add appendices for the Wetland Habitat Management chapter to the webpage.	<b>Complete – 5/16/08</b>
Emmerson: Update the Nest Box Program spreadsheet by adding an estimated cost per nest box. The updated spreadsheet will be distributed to the TCC members before the June meeting.	<b>Complete – 5/27/08</b>
Gritten-MacDonald - provide Cowlitz PUD WHMP schedule to McCune relating to July 2008 release.	<b>Complete – 5/19/08</b>

<b>Assignments from March 12th Meeting:</b>	<b>Status</b>
McCune/Kearney: Set up a combined TCC/ACC meeting in April to discuss land opportunities and interests.	<b>Complete – currently scheduled for July 10th</b>

<b>Assignments from January 9th Meeting:</b>	<b>Status</b>
Naylor/Emmerson: Incorporate the following into the Forest Management chapter: WHMP lands that are within the SOSEA should have greater spotted owl protection than what is provided in Forest Practices Act and timber management actions should increase or improve spotted owl habitat in the SOSEA.	

<b>Assignments from September 12, 2007 Meeting:</b>	<b>Status</b>
Naylor/Emmerson: Incorporate the following text into the Forest Management chapter of the WHMP, <i>“Prior to any harvest, the areas will be evaluated (ground truth) to determine whether or not the area qualifies as NSO habitat.”</i>	<b>In process</b>

<b>Parking lot items from June 11, 2008 Meeting:</b>	<b>Status</b>
Review and discussion of occupancy and productivity of Wood Duck Nest Box and Kestrel Nest Box Program. Should this program be discontinued?	

<b>Parking lot items from February 10, 2006 Meeting:</b>	<b>Status</b>
PacifiCorp Wildlife Habitat Management Plan (WHMP) Budget (annual)	
Conservation Agreement – what is wanted?	<b>Ongoing – 4/28/06</b>

### **Review of Agenda and Finalize Meeting Notes**

Kirk Naylor (PacifiCorp Energy) called the meeting to order at 9:05am. Naylor conducted a review of the agenda for the day and requested if the TCC had any additions to the agenda. No additions were requested.

Naylor reviewed the TCC Draft May 14, 2008 meeting notes and assignments with the TCC attendees and asked for any comments and/or additional changes. No changes were requested.

The meeting notes were approved at 9:10 a.m.

### **Shoreline Management Plan (SMP) Update**

Todd Olson (PacifiCorp Energy) informed the TCC attendees that the Public 30-day Review Draft of the SMP is out for public review. Approximately 45 attendees were at the public meeting which took place on May 21, 2008. At this time, Olson encouraged all interested parties to submit written comments so PacifiCorp can include them in the formal consultation record of the SMP when it's submitted to the Federal Energy Regulatory Agency (FERC). **Comments are due on or before June 23, 2008.**

Olson expressed that overall, the attendees were accepting of the SMP and the process. Some concern was expressed about Resource classified areas which did not change classification to Integrated per land owner request; however they liked the opportunity to request a waiver that could allow some development in a Resource area. Within the SMP, those areas designated as resource management shoreline are considered “hands off”. A high bar has been set to get over in

order for PacifiCorp to grant a waiver. The requester of a waiver must submit strong argument why a waiver should be issued in order to change a resource designation. Other concerns were expressed by the public such as if there is a community dock who signs the permit? PacifiCorp is working on addressing these and other issues identified at the meeting.

PacifiCorp will submit the final SMP to the FERC upon license issuance, which will likely be later this fall.

Olson responded to LouEllyn Jones (USFWS) that he would like the Service and other TCC members to review the SMP given their interest in ESA and unique habitats.

### **Wildlife Habitat Management Plan (WHMP) Chapter Status**

Kendel Emmerson (PacifiCorp Energy) completed the assignments below via email on May 23, 2008 by way of a detailed schedule for both the Lewis River WHMP and the Cowlitz PUD WHMP ([Attachment A](#)).

<b>Assignments from May 14th Meeting:</b>	<b>Status</b>
Emmerson: Prepare a list of all the WHMP chapters and indicate their status. Add the list to the meeting notes or send to the TCC via email.	<b>Complete – 5/22/08</b>
Gritten-MacDonald - provide Cowlitz PUD WHMP schedule to McCune relating to July 2008 release.	<b>Complete – 5/19/08</b>

In addition, Naylor communicated that three additional WHMP chapters are close to completion and nearly ready for TCC review. These chapters are: Riparian, Species Association, and Invasive Species.

Diana Gritten-MacDonald (Cowlitz PUD) expressed that even though it appears the licenses will not be issued in July, we should all commit to completing the WHMPs by the end of 2008. Cowlitz PUD hired Meridian to prepare the WHMP and Meridian expects to have the first half ready for TCC review in July.

### **License Issuance Update**

Olson informed the TCC attendees that the FERC has contact the Utilities with questions indicating that they are diligently working on the Lewis River license orders. They had specific questions regarding transmission lines between the Swift Nos. 1 and 2 projects. Gritten-MacDonald indicated that the FERC takes an August recess and will likely delay license issuance until September or October 2008.

### **Lands Update Discussion**

Kirk Naylor (PacifiCorp Energy) provided updates relating to interests in certain lands, however, this discussion is considered confidential and proprietary and not for public viewing.

Discussion took place regarding a certain Nature Conservancy (TNC) site, which will require additional research by way of a site visit, photographs and GIS maps for a cursory assessment.

Naylor will seek the approval of TNC prior to visiting the site. The TCC would like to further investigate matching funds called out in the Lewis River Settlement Agreement which are available 18 months after license issuance.

In addition, the TCC would like to invite the ACC to a combined meeting to discuss land updates with those ACC participants who have signed a confidentiality agreement.

<Break 10:05 am>

<Reconvene 10:15 am>

### **Nest Box Discussion (continued from May 14, 2008)**

Emmerson provided a handout at the meeting titled, “Nest Box Data 1988 to 2007 Table” (**Attachment B**) and which was also provided via email on May 27, 2008. This handout was provided in response to the fact that a nest box program was previously included in the Merwin program but not included in the current goals and objectives for the Lewis River WHMP. She reviewed and discussed occupancy and productivity of Wood Duck and Kestrel Nest Boxes for the 20 year period of the Merwin WHMP. The estimated effort included cost per hour and number of hours *including* and *excluding* starlings.

Naylor expressed that the data does not support the need to perform placement and maintenance of an ongoing nest box program.

Curt Leigh (WDFW) responded that over the years the State expressed that the boxes are too close together and some have the wrong orientation. This is not ideal as changes could make the boxes more useful. PacifiCorp identified that the number of nest boxes are directly related to the requirements of the Merwin WHMP and the size of the wetlands.

Jones communicated that she does not feel that we should drop the program completely. The Kestrel nest box looks like a waste of time upon review of the handout and she would like maximum efficiency for what we are trying to accomplish. She would like to discontinue the Kestrel nest box program and continue to monitor efficiency with the Wood Duck Next Boxes.

Bob Nelson (RMEF) expressed that current wetlands and waterfowl objectives in the Lewis River Standards and Guidelines will address this issue. The TCC needs to evaluate priority of next boxes when managing for wetlands and waterfowl. The TCC chose to go by habitat rather than species. He would like to see us wait until the remaining chapters of the WHMP are completed before deciding on the need for a nest box program.

Naylor expressed his agreement that all WHMP chapters be completed as first priority.

Gritten-MacDonald suggested the TCC table this discussion until such time as the remaining WHMP chapters have been written.

Nathan Reynolds (Cowlitz Indian Tribe) expressed that the creation of wetland snags may address the long term need. He would rather see the funds go toward creating wetland snags due to its multiple benefits for a number of species.

Jones said that rather than table the discussion and lose sight of this task she would like to add the Nest Box review and discussion into the TCC notes as a parking lot item.

Naylor and Emmerson communicated to the TCC attendees that PacifiCorp is continuing the present Merwin nest box program and monitoring per the Merwin Standard Operating Procedures (SOP) until such time as the new license is issued.

### **Goshawk Surveys for 2008**

Emmerson informed the TCC attendees that PacifiCorp will be beginning the 2008 accipiter surveys the week of June 16th and welcomes any TCC members to join in the surveys. Emmerson will be re-surveying the 2008 timber harvest areas in Unit 26 and the proposed 2009 timber harvest areas in Unit 17 (near Speelyai Canal).

McCune will email the survey details to the TCC to include dates, times, etc.

### **Overview of Draft Old-Growth Chapter**

McCune provided hard copies of the *Old-Growth Chapter – Draft Review Version*, which was also provided via email on May 28, 2008 (**Attachment C**). The Draft can also be located on the Lewis River website at the following link: <http://www.pacificorp.com/Article/Article79878.html>

Emmerson informed the TCC attendees that implementation of this chapter will require considerable time and effort up front for the first five years (see X.6 Schedule and Effort in the Draft Chapter).

Emmerson reviewed the goal, the initial evaluation procedures (Appendix X-3), species association, identification of old-growth stands, aerial surveys, protection and connectivity. She expressed that beyond the initial evaluation, old growth stands will not be regularly inspected unless directed by the initial evaluation, other surveys or management actions.

Naylor and Emmerson also explained the old-growth habitat management areas (Section X-3) are based on the definition of old-growth vegetation cover types mapped during relicensing and not the old growth sites under the Merwin WHMP, although there is some overlap. Inspections and Management Actions compiled experience from management of the Merwin Plan. Per the objectives, within 5 years, mature stands will also be identified and evaluated that could improve habitat connectivity between old-growth stands or which have the potential to develop into old growth habitat with proper management.

**The deadline to provide comments on this Chapter is Friday, June 27, 2008.** TCC comments will be finalized at the July 9th TCC meeting.

### **Next Meeting's Agenda**

- Review of 6/11/08 Meeting Notes
- Review and discussion of The Nature Conservancy parcel

- Joint meeting with TCC & ACC to discuss land acquisition opportunities
- License Issuance Update
- Cowlitz PUD WHMP ?
- WHMP Chapter Review ?

**Public Comment Opportunity**

No public comment was provided.

Meeting adjourned at 11:00 a.m.

**Next Scheduled Meetings**

<b>July 9, 2008</b>	<b>August 13, 1008</b>
Cowlitz PUD	Woodland City Hall
Longview, WA	Woodland, WA
9:00am – 3:00pm	9:00am – 3:00pm

**Handouts**

1. Agenda
2. Draft meeting notes from 5/14/08
3. **Attachment A** - WHMP Chapter Status for PacifiCorp and Cowlitz PUD
4. **Attachment B** - Nest Box Data 1988 to 2007 Table
5. **Attachment C** - Old Growth Chapter, Draft Review Version

**LRWHMP - Cowlitz PUD**

<b>*Expected Completion Date</b>	<b>Description</b>	
July 9, 2008	TCC meeting. Release and discuss Draft 1 of Cowlitz PUD's WHMP (includes discussions about ROW, Raptors, Wetlands, Old Growth, Meadows) if ready.	
July 14, 2008	Release Draft 1 Cowlitz PUD's WHMP if not released on July 9.	
August 13, 2008	TCC meeting. 30-day comment period on Draft 1 WHMP ends. Discuss and approve TCC comments.	
Sept. 10, 2008	TCC meeting. Release and discuss Draft 2 of Cowlitz PUD's WHMP (includes discussions about First Year Annual Plan, Riparian, Forestlands, Invasive Species, Public Access, etc.)	
Oct. 8, 2008	TCC meeting. 30-day comment period on Draft 2 ends. Discuss and approve TCC comments.	
Nov. 10, 2008	TCC meeting. Release Final Draft Cowlitz PUD WHMP and First Year Annual Plan.	
Dec. 12, 2008	TCC meeting. 30-day comment period on Cowlitz PUD's Final Draft WHMP and First Year Annual Plan ends. Discuss and approve TCC comments.	
Jan. 14, 2009	TCC meeting. Distribute Cowlitz PUD's Final Approved WHMP. Begin implementing the WHMP.	

\* Based on what is known today and assuming license issuance on July 1<sup>st</sup>.

May 22, 2008

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May

**LRWHMP**

<b>Chapter Name</b>	<b>Description</b>	<b>Status</b>
Introduction	Overview of the project history, relicensing, purpose and need,	To be completed
Management Area Description	Overall description of Lewis River basin, WHMP lands, and land acquisition, HEP for new lands	To be completed
Administration	TCC coordination, data maintenance , annual report	To be completed
Old-Growth Habitat	Develop monitoring and management actions to meet the goal and objectives	To be submitted to the TCC for review by June meeting
Wetland Habitat	Develop monitoring and management actions to meet the goal and objectives	TCC review completed
Riparian Habitat	Develop monitoring and management actions to meet the goal and objectives	To be completed
Shrubland Habitat	Develop monitoring and management actions to meet the goal and objectives	TCC review completed
Farmland/Idle Field/Meadow	Develop monitoring and management actions to meet the goal and objectives	TCC review completed
Orchards	Develop monitoring and management actions to meet the goal and objectives	TCC review completed
Transmission Line ROW	Develop monitoring and management actions to meet the goal and objectives	TCC review completed
Unique Areas	Develop monitoring and management actions to meet the goal and objectives	To be completed
Forestlands	Develop monitoring and management actions to meet the goal and objectives	To be completed
Invasive Plant Species	Develop monitoring and management actions to meet the goal and objectives	To be completed
Raptor Site Management	Develop monitoring and management actions to meet the goal and objectives	TCC review completed
Public Access Monitoring	Develop monitoring and management actions to meet the goal and objectives	To be completed
Monitoring	Develop monitoring and management actions to meet the goal and objectives	To be completed
Species Association	Provides brief information on the status, habitat and seasonal activity of the HEP Evaluation species, analysis species, and other species. Includes HEP data and HEP models.	To be completed

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May



**Nest Box Data 1988 to 2007**

Year	Number of Boxes			Occupancy												Productivity											
				Wood Duck Nest Box						Kestrel Nest Box				All Nest boxes		Wood Duck Nest Box					Kestrel Nest Box			All Nest boxes			
	Wood Duck	Kestrel	Total	Wood Duck	Hooded Merganser	Kestrel	Screech Owl	European Starling	Total (excluding Starlings)	Percent Occupancy (excluding Starlings)	Kestrel	European Starling	Total (excluding Starlings)	Percent Occupancy (excluding Starlings)	Total (All Species)	Percent Occupancy (All Species)	Wood Duck	Hooded Merganser	Kestrel	Screech Owl	Total	Percent of Productivity for Occupied Nest	Kestrel	Total	Percent of Productivity for Occupied Nest	Total	Percent of Productivity for Occupied Nest
1988	9	3	12	1	0	0	0	0	1	11%	1	2	1	33%	4	33%	0	0	0	0	0	0%	0	0	0%	0	0%
1989	14	3	17	4	0	0	1	0	5	36%	0	2	0	0%	7	41%	2	0	0	0	2	14%	0	0	0%	2	12%
1990	14	3	17	5	0	0	1	0	6	43%	0	3	0	0%	9	53%	2	0	0	0	2	14%	0	0	0%	2	12%
1991	14	3	17	4	1	0	0	0	5	36%	0	3	0	0%	8	47%	4	1	0	0	5	36%	0	0	0%	5	29%
1992	14	3	17	2	1	0	1	1	4	29%	0	3	0	0%	8	47%	2	1	0	1	4	29%	0	0	0%	4	24%
1993	14	3	17	3	4	0	0	0	7	50%	0	3	0	0%	10	59%	1	2	0	0	3	21%	0	0	0%	3	18%
1994	14	3	17	3	4	0	1	0	8	57%	0	3	0	0%	11	65%	0	1	0	0	1	7%	0	0	0%	1	6%
1995	14	3	17	1	7	0	0	0	8	57%	0	3	0	0%	11	65%	1	2	0	0	3	21%	0	0	0%	3	18%
1996	14	3	17	3	5	0	0	2	8	57%	0	3	0	0%	13	76%	1	3	0	0	4	29%	0	0	0%	4	24%
1997	14	3	17	2	4	0	0	0	6	43%	0	3	0	0%	9	53%	1	3	0	0	4	29%	0	0	0%	4	24%
1998	14	3	17	1	2	0	0	2	3	21%	0	3	0	0%	8	47%	1	1	0	0	2	14%	0	0	0%	2	12%
1999	14	3	17	0	5	0	1	0	6	43%	0	3	0	0%	9	53%	0	2	0	0	2	14%	0	0	0%	2	12%
2000	14	3	17	2	2	0	1	0	5	36%	0	2	0	0%	7	41%	1	2	0	0	3	21%	0	0	0%	3	18%
2001	14	3	17	2	6	0	0	0	8	57%	0	2	0	0%	10	59%	0	1	0	0	1	7%	0	0	0%	1	6%
2002	14	3	17	1	4	0	0	0	5	36%	0	3	0	0%	8	47%	1	2	0	0	3	21%	0	0	0%	3	18%
2003	14	3	17	3	2	0	0	1	5	36%	1	3	1	33%	10	59%	1	2	0	0	3	21%	0	0	0%	3	18%
2004	14	3	17	2	1	0	0	0	3	21%	1	2	1	33%	6	35%	1	0	0	0	1	7%	0	0	0%	1	6%
2005	14	3	17	2	1	1	0	0	4	29%	0	2	0	0%	6	35%	0	1	1	0	2	14%	0	0	0%	2	12%
2006	14	3	17	0	3	1	0	0	4	29%	0	3	0	0%	7	41%	0	1	0	0	1	7%	0	0	0%	1	6%
2007	14	3	17	1	2	0	0	0	3	21%	0	0	0	0%	3	18%	0	1	0	0	1	7%	0	0	0%	1	6%
<b>Total</b>	<b>275</b>	<b>60</b>	<b>335</b>	<b>42</b>	<b>54</b>	<b>2</b>	<b>6</b>	<b>6</b>	<b>104</b>	<b>38%</b>	<b>3</b>	<b>51</b>	<b>3</b>	<b>5%</b>	<b>164</b>	<b>49%</b>	<b>19</b>	<b>26</b>	<b>1</b>	<b>1</b>	<b>47</b>	<b>17%</b>	<b>0</b>	<b>0</b>	<b>0%</b>	<b>47</b>	<b>14%</b>
<b>Average</b>				<b>2</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>37%</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>5%</b>	<b>8</b>	<b>49%</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>17%</b>	<b>0</b>	<b>0</b>	<b>0%</b>	<b>2</b>	<b>14%</b>

**Notes on Data Summary**

- Nest box management objective is to provide additional habitat for cavity nesting waterfowl and kestrels. However, other species such as mammals and screech owls, have been known to use the nest boxes also.
- Screech owl and kestrel nests productivity are inspected prior to the eggs hatching, therefore the productivity data for these species is underestimated.
- All European starling nests and young are removed; therefore there is no productivity data for starling nests. Nest boxes occupied with starlings were only counted once per season.
- Mammals nests (e.g. flying squirrel) are not included in the data
- Nest boxes with both wood duck and hooded merganser eggs are counted as occupied and productive for both species. This has occurred a total of 5 times (1996, 1997, 2000, 2004, and 2007)

**Estimated Effort**

- Each survey requires 2 people 8 hours = 16 hours. There are 4 surveys per year for a total of 64 hours per year. A total of 1,216 hours to date.
- Assume \$75 per hour to include time and materials
- 7.4 hours or \$555 per occupied nest box (including starlings) = 1,216 hours/164 occupied nest boxes
- 11.4 hours or \$855 per occupied nest box (excluding starlings) = 1,216 hours/(104+3) occupied nest boxes
- 25.9 hours or \$1,942.5 per productive occupied nest box = 1,216 hours/47productive boxes