

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

**Date & Time:** Wednesday, June 10, 2015  
9:00 a.m. – 3:30 p.m.

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

**Contacts:** Kirk Naylor: (503) 813-6619; cell (503) 866-8750

Time	Discussion Item
9:00 a.m.	Welcome <ul style="list-style-type: none"> <li>➤ Review Agenda &amp; 5/13/15 Meeting Notes</li> <li>➤ Comment &amp; accept Agenda &amp; 5/13/15 Meeting Notes</li> </ul>
9:15 a.m.	<ul style="list-style-type: none"> <li>➤ Next Meeting's Agenda</li> <li>➤ Public Comment Opportunity</li> </ul> Note: all meeting notes and the meeting schedule can be located at: <a href="http://www.pacificorp.com/es/hydro.html">http://www.pacificorp.com/es/hydro.html</a>
9:30 a.m.	Safety <sup>1</sup> orientation for tour of Units 5 and 20
9:45 a.m.	<ul style="list-style-type: none"> <li>➤ Depart for tour and plan to return to HCC by 3:00 p.m.               <ul style="list-style-type: none"> <li>○ Complete forestry tour of Unit 5 proposed clear-cut and review other forestry activities as time allows (Unit 20 and forage enclosure sites)</li> <li>○ Review snags to be removed in riparian area near Cresap Bay Boat Docks (TBD)</li> </ul> </li> </ul>
<b>3:00 – 3:30 p.m.</b>	<b><i>Return to HCC and Adjourn</i></b>

<sup>1</sup> Please bring rain gear and sturdy walking shoes for hiking in the forest. PacifiCorp will have 1 vehicle for transportation of up to 3 additional passengers.

**There will be no conference call-in for this meeting as we will only be in conference for 15 minutes or so before leaving for the field.**

**Please bring your lunch**

**FINAL Meeting Notes**  
**Lewis River License Implementation**  
**Terrestrial Coordination Committee (TCC) Meeting**  
**June 10, 2015**  
**Merwin Hydro Control Center**  
**Ariel, WA**

**TCC Participants Present: (7)**

Ray Crosswell, RMEF  
Eric Holman, WDFW  
Kirk Naylor, PacifiCorp  
Kendel Emmerson, PacifiCorp  
Kim McCune, PacifiCorp  
Nathan Reynolds, Cowlitz Indian Tribe  
Erik White, Cowlitz Indian Tribe

**Calendar:**

July 8, 2015	TCC Meeting	TBD
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<b>Assignments from June 10, 2015</b>	<b>Status</b>
TCC members: Identify future project tour requests for July and August opportunities.	<b>TBD</b>

<b>Assignments from June 13, 2012</b>	<b>Status</b>
Naylor: Review the SA/WHMP budget(s) as well as determine status and opportunity for coordination with John Cook (NCASI) and Lisa Shipley (Washington State University) doing the black-tail study and report back to the TCC.	<b>TBD</b>

**Review of Agenda and Finalize Meeting Notes**

Kirk Naylor (PacifiCorp) called the meeting to order at 9:10 a.m. Naylor reviewed the agenda and asked the TCC if there were any changes/additions. Naylor indicated that he would add a tour of Units 20 & 33 as time allowed.

Naylor reviewed the May 13, 2015 meeting notes and assignments. The meeting notes were approved at 9:30 a.m. without change.

**Cresap Bay Snags**

Kirk reviewed that there is a root-rot pocket on the north side of the shoreline across from Cresap Bay Campground's marina in Unit 8 that has created two snags and two trees that are fading rapidly. These trees potentially are a hazard to the docks and boaters accessing the dock and should be removed. Riparian Habitat Management Objective d and section 6.5.2 requires TCC approval prior to removing snags greater than 20 inches at diameter breast height (dbh). Only one of the snags is greater than 20 in. dbh. Nathan Reynolds inquired if these trees could be felled into the water and floated to adjacent area that needs some shoreline protection. It was agreed this would be discussed as option with recreation manager, Jessica Kimmick.

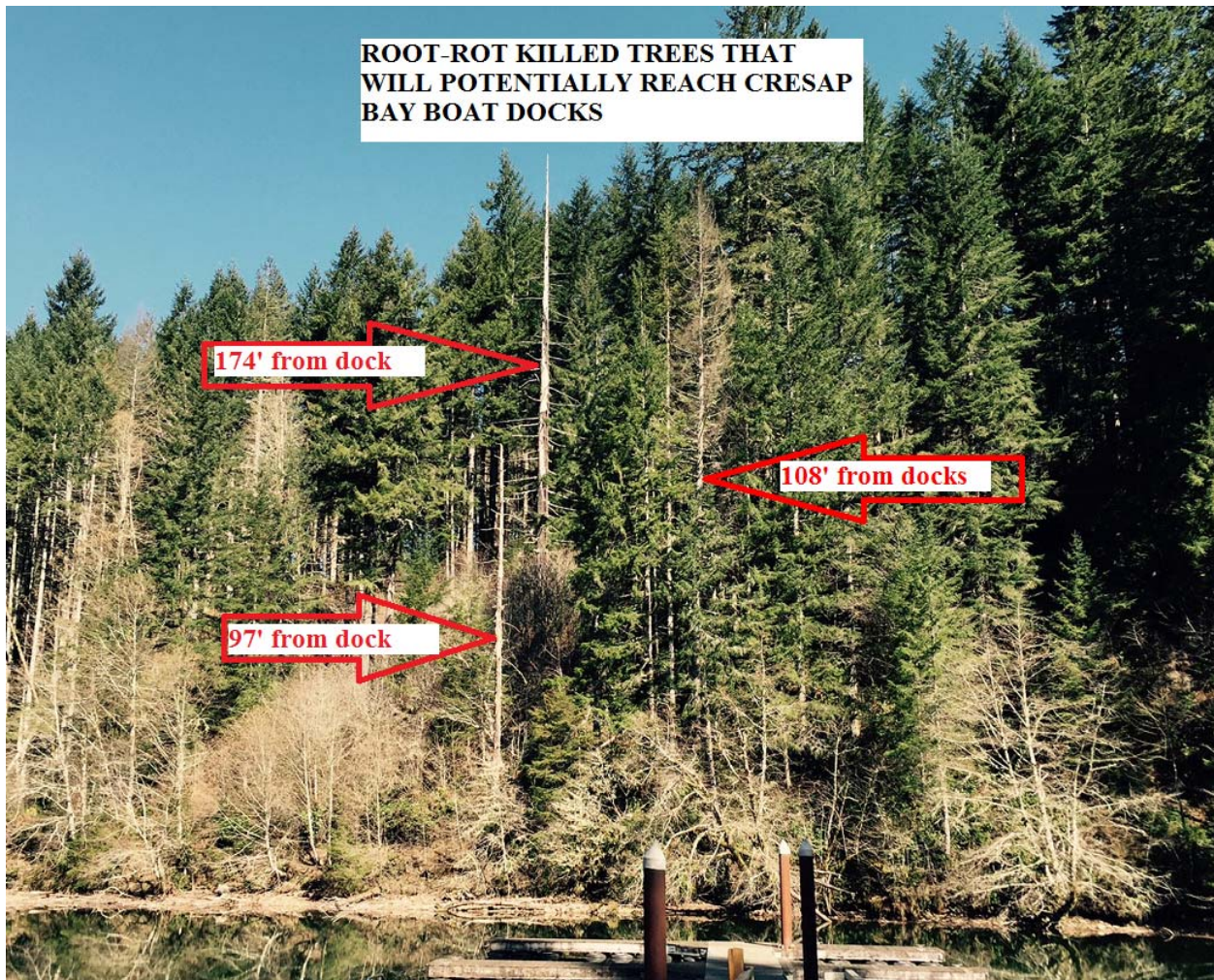


Figure 1. Potential hazard trees identified near Cresap Bay boat docks. All trees can reach docks.

### PacifiCorp Forestry Management Tour

Following a safety briefing, the TCC departed HCC at 9:45 a.m. to tour forestry management projects.

*Management Unit 5* – The TCC completed a forestry tour of Management Unit 5 which includes a proposed clear-cut project. The clear-cut will be on approximately 20 acres and move the Unit 5 cover:forage ratio from its current cover:forage ratio of 73:26 towards the WHMP recommended goal of 60:40.

Naylor indicated that reserve trees would be clumped to include shrubs and some of those clumps were planned to project into the harvest area from the existing riparian buffer. In addition a buffer of trees and shrubs would be retained around the existing rock outcrop and an area identified near the road where the group had started the tour from. The TCC expressed concerns that currently the stand provides good big game hiding cover and appears to have a robust shrub cover in the understory. There was discussion on instead of placing leave areas adjacent to the riparian buffer as currently planned, the leave areas should be scattered throughout the harvest and try to cluster larger diameter trees with shrubs to the extent possible. Naylor indicated scattered leave areas was intended but the TCC emphasis was to ensure that the leave areas be large rather than a few large



diameter trees surrounding a few shrubs. Naylor believes they are all in agreement and the leave areas will be accomplished as much as practical to break up line of sight and provide robust islands within the harvest area.



**Figure 2. Proposed clear-cut of Unit 5 (K. McCune photo)**



**Figure 2. TCC viewing proposed clear-cut of Unit 5 (K. McCune photo)**





**Figure 3. Unit 5 timber harvest 020523CC shows the diversity in tree species (Eric Holman photo)**



**Figure 4. Unit 5 Pine Antler rub (Eric Holman photo)**



*Management Unit 25-* The TCC also viewed a forage exclosure site in Unit 25. Timber harvest area 122501 which PacifiCorp developed in 2012 includes two (2) exclosures. The exclosures were funded by RMEF. The first exclosure area had approximately 25 head of elk in the vicinity as the TCC drove up (but Naylor's vehicle blocked McCune's view and prevented her from getting pictures!). The grazing in the area by all the elk was very apparent as was a significant component of clover. Naylor pointed out that other than fireweed; all the intended forage species in the mix that was planted are present in the stand.



**Figure 5. Unit 25; TCC viewing exclosure in timber harvest area 122501CC (Kim McCune photo)**



**Figure 6. Unit 25 timber harvest area 122501 enclosure number 1 includes trailing blackberry, also noted throughout the unit (Kim McCune photo)**

Unit 33 - 2013 Swift Creek Forage Enhancement – The TCC toured to Management Unit 33 that was acquired in 2011. This project consisted of grass/legume forage seeding on 53 acres that was recently logged (prior to purchase). PacifiCorp, established four (4) enclosures (4'x4') for the TCC to examine forage seeding and natural shrub regeneration without herbivory and to determine what are the preferred forage species, adjust future forage seed mixes, and provide ancillary wildlife habitat benefits.

The forage mixes used in Unit 33 consisted of 60% legumes and 40% grasses and was the most diverse mix PacifiCorp had used to date. The grasses appear to have established best compared to the established clover observed in the previous tour stop in Unit 25. Shrubs, including *Vaccinium membranaceum* and *Rubus leucodermis* were noted as having significant browsing. PacifiCorp attempted to retain as many of the shrubs as possible while scarifying the heavy amounts of logging slash to site prep the area.





**Figure 7. Unit 33; TCC looks at both planted forage species and shrubs that were retained during scarification. (Kim McCune photo)**



**Figure 8. Before the forage restoration was conducted (2012). As noted by Eric Holman (WDFW) during the tour “the area was a grey moonscape.”**





**Figure 9. Unit 33: 2014 Exclosure (Kim McCune photo)**

The TCC completed the tour and returned to HCC. There was no time to visit Unit 20.

*<3:30 p.m. meeting adjourned>*

### **Agenda items for July 8, 2015**

- Review June 10, 2015 Meeting Notes

### **Next Scheduled Meetings**

July 8, 2015
TBD