

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

**Date & Time:** Tuesday, April 9, 2013  
9:00 a.m. – 3:00 p.m.

**Place:** Woodland Police Dept. (Council Chambers)  
100 Davidson Avenue  
Woodland, WA

**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; 3/21/13 Meeting Notes</li><li>➤ Comment &amp; accept Agenda &amp; 3/21/13 Meeting Notes</li></ul>
9:15 a.m.	Review Old-Growth Connectivity Memo edits or comments
9:45 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>
10:00 a.m.	Safety <sup>1</sup> orientation for tour of timber harvest areas (Units 4, 15 & 20) and BPA crossing
10:15 a.m.	Depart for tour and plan to return to Woodland by 3:00
<b>3:00 p.m.</b>	<b>Adjourn</b>

Please bring rain gear and sturdy walking shoes for hiking in the forest – PacificCorp will have 2 vehicles for transportation of up to 7 additional passengers

Join by Phone  
+1 (503) 813-5252 [Portland, Ore.]  
+1 (855) 499-5252 [Toll Free]

**Conference ID: 4641794**

**Please bring your lunch**

**FINAL Meeting Notes**  
**Lewis River License Implementation**  
**Terrestrial Coordination Committee (TCC) Meeting**  
**April 9, 2013**  
**Woodland Police Dept. (Council Chambers)**

**TCC Participants Present: (8)**

Ray Croswell, RMEF  
 Bill Richardson, RMEF  
 Peggy Miller, WDFW  
 Eric Holman, WDFW  
 Kirk Naylor, PacifiCorp Energy  
 Kimberly McCune, PacifiCorp Energy  
 Kendel Emmerson, PacifiCorp Energy  
 Nathan Reynolds, Cowlitz Indian Tribe

**Calendar:**

Wednesday – May 8, 2013	TCC Meeting	HCC
Wednesday – June 12, 2013	TCC Meeting	HCC

<b>Assignments from April 9, 2013</b>	<b>Status</b>
Old Growth Connectivity - Emmerson will write up a summary to identify the clear old-growth objective for TCC consideration and use during the Unit 17 field visit on May 8, 2013. GIS to create maps to assist TCC review of Unit 17. Emmerson will identify riparian to type and identify DNR lands.	<b>Complete 5/8/13</b>

<b>Assignments from January 9, 2013</b>	<b>Status</b>
Gritten-MacDonald: Investigate an inter-local agreement with Skamania County for 2013 weed control.	<b>Pending as of 4/9/13</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 blacktail study and report back to the TCC.	<b>In Progress</b>

<b>Parking lot items from April 13, 2011 Meeting</b>	<b>Status</b>
Naylor: Provide TCC with Riparian Management Plan for review.	<b>Pending</b>

<b>Parking lot items from December 12, 2012 Meeting</b>	<b>Status</b>
PacifiCorp: Work with TCC to proceed with second RMEF/PAC Project Proposal.	<b>Pending</b>

<b>Parking lot items from February 12, 2013 Meeting</b>	<b>Status</b>
Cowlitz PUD: Schedule a field tour of the Devil's Backbone management unit	<b>Pending for summer 2013</b>

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

Kirk Naylor (PacifiCorp Energy) called the meeting to order at 9:00 a.m. Naylor reviewed the agenda and asked the TCC if there were any changes/additions. No additions were requested.

Naylor reviewed the March 21, 2013 meeting notes and assignments. The meeting notes were approved without change at 9:10 am.

### **Review Old-Growth Connectivity Memo edits or comments**

Kendel Emmerson (PacifiCorp Energy) informed the TCC that she received comments from Peggy Miller (WDFW), as detailed in [Attachment A - Lewis River Old Growth Management Plan, Objective D – Comments from WDFW, dated March 25, 2013.](#)

*Kendel addressed Peggy's comment by explaining that there were 3 small timber harvest areas, asset ID numbers 156159, 156164, and 156173 and are scored 8, 7, and 6, respectively. These 3 areas are essentially the same type of habitat, but only 1 of the 3 polygons qualified as priority mature stand (scored  $\geq 8$ ). The only reason these areas were separated into the 3 polygons was to match the timber harvest boundaries for the commercially thinned areas in the mid 80's and if they were one large polygon, the entire area would be a priority mature stand. Because combining the polygons would comprise the timber harvest data base, the best approach is to just assign an 8 score for 156164 and 156173 with an explanation in the comments line.*

General discussion took place regarding Unit 17, an isolated block not connected to state or federal land or an owl site. Naylor requested the TCC evaluate Unit 17 to determine whether or not it meets the overall connectivity goal. Emmerson will write up a summary to identify the clear old-growth connectivity objective and proposed management for TCC to refer to during the Unit 17 field visit on May 8, 2013. The Old-Growth Connectivity document will be finalized following the May 8, 2013 field visit.

Miller indicated that she would like to see unit 17 before removing it from the old growth-connectivity list. Naylor responded that the current WHMP (Chapter 12 – Forestlands) identifies the proposed management as big game habitat (meet 50:50 Cover:Forage ratio) because the Management Unit is not associated with NSO management areas (i.e. adjacent to state of federal lands being managed as such or within a NSO nesting circle). Naylor also noted that the WHMP specifies a lack of forage for big game species for that management unit. Miller inquired if we could manage Unit 17 for connectivity and forage for elk. The TCC would also like to know if we can manage in such a way that it provides cover for elk with the patch cuts near it.

Naylor maintains that Unit 17 does not meet the connectivity objective but will reserve judgment until the TCC has had an opportunity to tour the site.

Naylor or Emmerson will request PacifiCorp's GIS to create maps to assist TCC review of Unit 17. Emmerson will identify riparian to type and identify DNR lands.

**Bonneville Power Administration – I5 Corridor Reinforcement Transmission Project Update**  
Naylor informed the TCC that the BPA requested access to PacifiCorp lands to determine where to set their towers. PacifiCorp responded on March 22, 2013 with detailed requirements, to include a Site Access Agreement for their signature. PacifiCorp has not yet received a signed Site Access Agreement from BPA.

In addition, BPA met with PacifiCorp's transmission personnel to discuss transmission line impacts to existing PacifiCorp structures. Considerable more discussion needs to take place.

### **Other Topics**

Naylor provided Site Access Agreements for certain attendees to sign that are not a government agency. Representatives from Cowlitz Indian Tribe and RMEF signed the Agreements prior to the field visit.

In addition, Naylor conducted a Safety Orientation for all attendees participating in the field visit of timber harvest areas (Units 4, 15, 20 and the BPA crossing).

### **Public Comment Opportunity**

No public comment was provided.

*<10:15 a.m. meeting adjourned>*

### **Agenda items for May 8, 2013**

- Review April 9, 2013 Meeting Notes
- Review Old-Growth Connectivity; Unit 17
- I-5 Corridor Reinforcement Project Update
- Unit 10 Field Visit; last year's harvest area
- Unit 17 Field Visit; connectivity objective; what needs to be done
- Tour BPA crossing

### **Next Scheduled Meetings**

May 8, 2013	June 12, 2013
TCC Meeting	TCC Meeting
Merwin Hydro Control Center	Merwin Hydro Control Center
Ariel, WA	Ariel, WA
9:00am – 3:00pm	9:00am – 3:00pm

### **Attachments:**

- April 9, 2013 Meeting Agenda
- March 21, 2013 Meeting Notes
- [Attachment A](#) – Lewis River Old Growth Management Plan, Objective D – Comments from WDFW, dated March 25, 2013
- [Attachment B](#) – Map of Management Unit 4

➤ **Attachment C** – Map of Management Unit 20

**Depart for field visit of timber harvest areas (Units 4, 15, 20 and the BPA crossing)**

**Unit 4**

The 2013 proposed timber harvests in Management Unit 4 requires a 300-foot stream buffer (or height of two site potential trees) from Rock Creek and two 100-foot stream buffers for smaller seasonal non-fish streams. THA 130448 has a proposed road that crosses approximately 50 feet of a buffer to a seasonal non-fish stream. No trees will be removed along the road right-of-way. This location was preferred as the shortest route available and eliminated the need for a cut and fill on steeper slopes. The road is located on the proposed THA map, [Attachment B](#).



**Proposed harvest area in Management Unit 4.**

Three separate harvest sites are proposed for forest management (12.0 acres, 1.8 acres, and 15.0 acres). All three sites are proposed for clear-cutting overmature red alder and to generate additional temporary forage where forage is declining in older THA's. The older THA's are also being pre-commercially thinned and pruned in 2013 as part of routine forage enhancement practices. No permanent forage is planned as the management unit already has 15.7 acres of ROW that has portions mowed and fertilized annually. One of the proposed THA's is adjacent a housing lease on PacifiCorp property (Woodland Park). Pole conifer adjacent these homes were evaluated due to recent hazard tree issues (windfall and decay) and it was determined that harvesting the conifer and

reestablishing trees and forage would be the best recommendation. The smallest THA (1.8 acres) is proposed adjacent to the Woodland Park Road. This area is targeted to remove the decadent red alder and establish a permanent conifer screen between the road and transmission ROW.



**Proposed road location (blue flag) in Management Unit 4.**

The TCC approved of the proposed road location in Management Unit 4 and Naylor said that he would additionally plant shade tolerant conifer (western hemlock), within the riparian buffer to provide an additional visual screen into the new Timber Harvest Area. Eric Holman also asked if some additional conifer could be thinned from the ridge for the purpose of enhancing additional

shrubs in the understory. PacifiCorp agreed to identify some thinning to enhance shrub development.

#### **Unit 20**

Approximately 30.0 acres of over-mature red alder and bigleaf maple are proposed for harvest. No harvests have occurred in this management unit for 17 years and forage habitat is declining with an existing cover/forage ratio of approximately 70:30. As identified in the WHMP (PacifiCorp 2008), the recommended cover/forage ratio is 60:40 and the management unit is approximately 1.0 acre short of having the recommended 5% permanent forage (currently 15.1 acres in ROW). At least 1 acre (probably 2-3 acres) is proposed to be developed as permanent forage within the proposed harvest area and there are several opportunities to retain and enhance shrubs within the harvest area ([Attachment C](#)).



**Management Unit 20 Timber Harvest Area. Meadow will be developed for permanent forage and located in this vicinity.**



**Transmission ROW, adjacent to proposed timber harvest in Management Unit 4. Timber harvest will be developed for permanent visual screen to transmission ROW.**



**TCC visited recent branch pruning in THA 010443, an 11-year-old timber harvest area. Pruning was conducted to allow more sun-light to understory and extend forage availability.**

The TCC will conduct a field visit of Unit 15 and the BPA crossing at the next regularly scheduled TCC meeting on May 8, 2013.

Further detail of 2013 WHMP Planned activities can be viewed on the Lewis River website at the following link:

[http://www.pacificorp.com/content/dam/pacificorp/doc/Energy\\_Sources/Hydro/Hydro\\_Licensing/Lewis\\_River/WHMP2013AnnualPlanFinal.pdf](http://www.pacificorp.com/content/dam/pacificorp/doc/Energy_Sources/Hydro/Hydro_Licensing/Lewis_River/WHMP2013AnnualPlanFinal.pdf)

## McCune, Kimberly

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**From:** Emmerson, Kendel  
**Sent:** Monday, March 25, 2013 12:30 PM  
**To:** Peggy Miller (peggy.miller@dfw.wa.gov); McCune, Kimberly  
**Cc:** Naylor, Kirk  
**Subject:** RE: ACTION REQUIRED: Lewis River WHMP Old-Growth Management Plan - Objective D; Comments due April 9, 2013

Hi Peggy,

I agree that area does not completely fit the model. Essentially there are 3 different mature stand polygons that appear relatively similar but have 3 different rankings.

The 156159 polygon and 156164 are both part of timber harvest areas that were commercially thinned in 1995 and have been recently re-vegetation typed as mature. These polygons are separated by 156173 polygon, which is not part of a timber harvest area, that was also re-vegetation cover typed as mature. Combining these polygons into a single mature polygon is not logistically possible because of the way our data is managed. The best option to make all three of these polygons a priority with a score of 8 and make a note in the comments. We can review this with the TCC at the next meeting.

Thanks.

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**From:** Miller, Peggy A (DFW) [mailto:Peggy.Miller@dfw.wa.gov]  
**Sent:** Friday, March 22, 2013 1:11 PM  
**To:** McCune, Kimberly; Emmerson, Kendel  
**Subject:** RE: ACTION REQUIRED: Lewis River WHMP Old-Growth Management Plan - Objective D; Comments due April 9, 2013

Hi Kendel,

Checked for additional comments on the old growth report and did not find any. I did play around with weighting size and connectivity to old growth. Started with doubling both then leaving size at a multiplier of 2 and increasing connectivity to 3x. This exercise didn't change much. Only one property was added for consideration. The first highlighted WTTtotal is multipliers of 2 on both categories but score is for 2 and 3X. I'm not familiar with the orange highlighted property so I'll leave consideration for inclusion up to you.

**Peggy Miller** - Energy/Major Projects Biologist, Habitat

Washington Department of Fish and Wildlife  
600 Capitol Way North - Olympia WA 98501  
[peggy.miller@dfw.wa.gov](mailto:peggy.miller@dfw.wa.gov) 360-902-2593

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**From:** McCune, Kimberly [mailto:Kimberly.McCune@PacifiCorp.com]  
**Sent:** Friday, March 22, 2013 10:36 AM  
**To:** '(brichardson@RMEF.org)'; (ewhite@cowlitz.org); Bob Nelson (nelson338@aol.com); Diana MacDonald (dmacdonald@cowlitzpud.org); Emmerson, Kendel; Holman, Eric W (DFW); Jim Malinowski (jmalinowski@clark.edu); Joanna Meninick (joannam@yakama.com); John Clapp (jmcmaple@gmail.com); 'johnson@co.skamania.wa.us' (johnson@co.skamania.wa.us); LouEllyn Jones; 'Mariah Stoll-Smith Reese'; Michelle Day (michelle.day@noaa.gov); Mitch Wainwright; Nathan Reynolds (nreynolds@cowlitz.org); Naylor, Kirk; Olson, Todd; Patrick Lee (patrick.lee@clark.wa.gov);

Paul Pearce; Miller, Peggy A (DFW); Ray Crosswell ([shedhunt@aol.com](mailto:shedhunt@aol.com)); Shannon E. Wills ([biologist@cowlitz.org](mailto:biologist@cowlitz.org)); Weinheimer, John (DFW)

**Subject:** ACTION REQUIRED: Lewis River WHMP Old-Growth Management Plan - Objective D; Comments due April 9, 2013

Attn: TCC Representatives

As a follow up to our meeting yesterday, please review the attached memorandum, map book and mature stand data spreadsheet. Comments are due on or before Tuesday, April 9, 2013.

Thank you.

K

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**From:** McCune, Kimberly

**Sent:** Tuesday, February 26, 2013 9:53 AM

**To:** '([brichardson@RMEF.org](mailto:brichardson@RMEF.org))'; '([ewhite@cowlitz.org](mailto:ewhite@cowlitz.org))'; 'Bob Nelson ([nelson338@aol.com](mailto:nelson338@aol.com))'; 'Diana MacDonald ([dmacdonald@cowlitzpud.org](mailto:dmacdonald@cowlitzpud.org))'; Emmerson, Kendel; 'Eric Holman ([holmaewh@dfw.wa.gov](mailto:holmaewh@dfw.wa.gov))'; 'Jim Malinowski ([jmalinowski@clark.edu](mailto:jmalinowski@clark.edu))'; 'Joanna Meninick ([joannam@yakama.com](mailto:joannam@yakama.com))'; 'John Clapp ([jmcmaple@gmail.com](mailto:jmcmaple@gmail.com))'; 'johnson@co.skamania.wa.us' ([johnson@co.skamania.wa.us](mailto:johnson@co.skamania.wa.us)); 'LouEllyn Jones'; 'Mariah Stoll-Smith Reese'; 'Michelle Day ([michelle.day@noaa.gov](mailto:michelle.day@noaa.gov))'; 'Mitch Wainwright'; 'Nathan Reynolds ([nreynolds@cowlitz.org](mailto:nreynolds@cowlitz.org))'; Naylor, Kirk; Olson, Todd; 'Patrick Lee ([patrick.lee@clark.wa.gov](mailto:patrick.lee@clark.wa.gov))'; 'Paul Pearce'; 'peggy.miller@dfw.wa.gov'; 'Ray Crosswell ([shedhunt@aol.com](mailto:shedhunt@aol.com))'; 'Shannon E. Wills ([biologist@cowlitz.org](mailto:biologist@cowlitz.org))'; 'Weinheimer, John (DFW)'

**Subject:** RE: Lewis River Wildlife Habitat Management Plan Old-Growth Management - Objective D: Old-Growth Connectivity

Attn: TCC Representatives

In accordance with Objective D in the Old-Growth section of the Wildlife Habitat Management Plan (WHMP), please review the attached memorandum, map book and mature stand data spreadsheet as we will be discussing this topic at the next TCC meeting on March 21, 2013.

*Objective d: Within 5 years of Lewis River WHMP implementation, identify and evaluate specific mature conifer stands or other areas that could improve habitat connectivity between old-growth stands or increase number or size of old-growth patches, and develop a schedule to manage/protect these areas as appropriate. Complete the identification/evaluation process within 5 years of the acquisition of Interests in Land.*

Thank you.

**Kimberly McCune**

Sr. Project Coordinator

PacifiCorp Energy - Hydro Resources

825 NE Multnomah, Suite 1500

Portland, OR 97232

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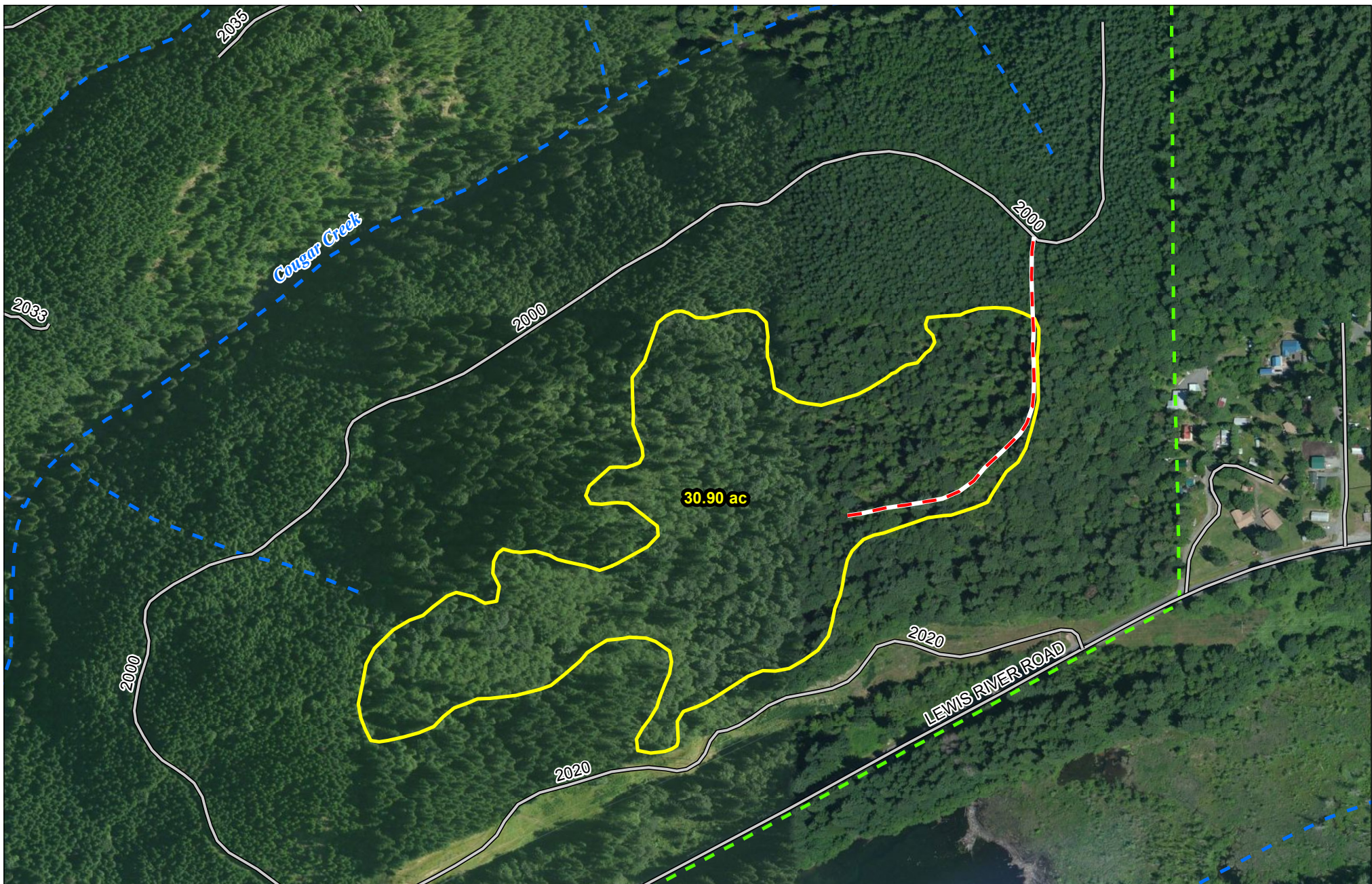
## Lewis River - Unit 4 Proposed Harvest

- Proposed Harvest Traverse
- Proposed Road
- Existing Road
- Management Unit
- Stream



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## Lewis River - Unit 20 Proposed Harvest

- Proposed Harvest Traverse
- Proposed Spur Road
- Existing Road
- Management Unit
- Stream

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