

LEWIS RIVER TERRESTRIAL COORDINATION COMMITTEE

Facilitator: KENDEL EMMERSON
503-813-6040; CELL 503-720-9157

Location: Merwin Hydro Control Center & Field Tour
105 Merwin Village Court Ariel, WA 98603

Date: Wednesday June 14, 2023

Time: 9:00 AM –3:00 PM

Agenda Items

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|------------|--|
| 9:00 a.m. | Welcome, <ul style="list-style-type: none">➤ Review and Accept Agenda➤ Review and Accept 5/10/2023 Meeting Notes |
| 9:10 a.m. | Public Comment Period |
| 9:15 a.m. | Cresap Boat Ramp Proposed Use in October |
| 9:30 a.m. | Project Updates <ul style="list-style-type: none">➤ MU 35 slash pile burn restoration➤ Ash removal complete➤ TCC/ACC Annual Report Progress |
| 10:00 a.m. | Safety orientation for Field Tour and Depart for Field Tour |
| 10:30 a.m. | Cresap Campground Parking Lot |
| 11:30 a.m. | Porky Pig and Elmer Fudd Unit 20 2023 timber harvest review |
| 2:00 p.m. | 600C2 Culvert post-construction |
| 2:30 p.m. | Next Meeting's Agenda Note: all meeting notes and the meeting schedule can be located at: https://www.pacificorp.com/energy/hydro/lewis-river/acc-tcc.html |
| 3:00 p.m. | Return to Merwin Hydro Control Center and Meeting Adjourn. |



Please bring lunch, rain gear, and sturdy shoes. PacifiCorp will have 2 vehicles for transportation of up to 4 additional passengers per vehicle.

Microsoft Teams meeting

Join on your computer, mobile app or room device [Click here to join the meeting](#)

Meeting ID: 246 011 674 732

Passcode: QeCZoX

Or call in (audio only)

[+1 563-275-5003,,3376467#](#) United States, Davenport

Phone Conference ID: 337 646 7#

Meeting Notes
Lewis River License Implementation
Terrestrial Coordination Committee (TCC) Meeting
June 14, 2023
Conference Call/In Person

TCC Representatives Present: (6)

Kendel Emmerson, PacifiCorp
 Summer Peterman, PacifiCorp
 Amanda Farrar, Cowlitz PUD (virtual only)
 Erik White, Cowlitz Tribe
 Peggy Miller, WDFW
 Eric Holman, WDFW

Guests: (1)

Molly Van Dam, Anchor QEA (note-taker for PacifiCorp)

Calendar:

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|---------------|-------------|----------------------|
| June 14, 2023 | TCC Meeting | In Person/Teams Call |
|---------------|-------------|----------------------|

| Assignments for June 14, 2023 | Status |
|--|--------------------|
| Peterman: Research the Cougar and Panamaker Creek conservation covenant | In progress |
| Peterman: Research the easement rights to the Porky Pig timber harvest area in Unit 20 to see if Scotch broom under the powerlines can be treated before the scheduled thinning in July. | In progress |
| Peterman: Research the seed mix for Cougar Meadow within Unit 20 | In progress |
| Emmerson: Find out how logs are hauled from the shoreline of Swift Reservoir to see if that is contributing to erosion | In progress |

| Assignments for February 8, 2023 | Status |
|--|--------------------|
| Peterman: Conduct additional public trail use observations near proposed Saddle Dam (MU10) trail location before and after parks open in 2023 for comparison with early 2023 data. | In progress |

| Assignments for January 13, 2021 | Status |
|--|--------------------|
| Emmerson: Provide a list of past timber harvest areas that have been within the WHMP buffer, associated TCC meeting notes, and reference to the WHMP language. | In Progress |

Kendel Emmerson (PacifiCorp) called the meeting to order at 9:04 am. Emmerson reviewed the May 10, 2023 meeting notes, and Eric Holman clarified that the thinning they had discussed that was planned for 2022 was pre-commercial thinning. There were no changes to today's agenda.

The TCC approved the May 10, 2023 meeting notes at 9:09 am.

Public Comment Period

None.

Cresap Boat Ramp Proposed Use in October

Emmerson noted that the TCC will go look at this site today. There is a house in Woodland Park on Merwin Reservoir that went through the shoreline permit process to build a new gangway and dock, and complete shoreline work below their house. Their vendor requested to close down Speelyai Bay Park to be able to assemble and move the dock via the reservoir, and PacifiCorp declined. The vendor then requested to use Cresap Bay boat ramp but PacifiCorp is currently in the process of construction at that site. PacifiCorp provided the vendor the option of using the Cresap Park day use and boat ramp the first week of October 2023 when it will be in its seasonal closure to assemble and move the dock to Woodland Park. PacifiCorp is requesting the approval of the TCC. Holman asked if PacifiCorp received payment for the usage of the site, and Emmerson was not sure. The TCC approved the proposed use of the boat ramp by the outside vendor during the first week of October 2023.

Project Updates

MU 35 Slash Pile Burn Restoration

The burning of slash piles within MU 35 was originally planned for earlier in the year, but the site had been snowed out until May. The slash piles were burned during the second week of May. Due to the favorable conditions, WDNR provided approval to burn during the fire season. This was completed in one day and was followed by torrential rain. The following days became warmer and had significant east winds. On Saturday, May 13th, the site was checked by the contractor and some of the slash piles had reignited due to high winds coming from the east. The contractor mobilized personnel and equipment to quickly create fire breaks, to break up and smother the remaining slash piles. Some of the stumps needed to be ripped up in order to contain the fire. The fire remained largely contained with the timber harvest boundaries but did creep approximately 20 feet into the forest at the Bad Jim timber harvest, but that was quickly controlled.

The end result is all of the MU 35 timber harvest areas were re-scarified and it is assumed all of the grass seed completed in the previous fall was lost. Some of the standing leave trees may become snags and some stumps were lost. The timber harvest areas had not been planted, so no seedlings were lost. To date the area is now planted and will be grass seeded this fall.

Ash Removal Complete

Emmerson said that as of May 25th, all the ash at Swift Log Yard has been removed. There was approximately 4,500 total square yards of ash removed, which was about 1,500 more square yards than they anticipated. Some of that ash will be going to meadow sites in the high country. Emmerson projected some pictures showing how the site has changed since the TCC visited it in May. Miller asked if the parking lot has been regraded, and Emmerson said yes and showed a photo of that. Some clay soil has been brought in from Cougar Pit to pack it down some more, so

hopefully water will now flow away from the reservoir shoreline. There is still a fence to exclude people from the area. PacifiCorp is continuing to work on repairing the shoreline which should be completed by September or October of this year. Miller asked if there is a way to protect the bank more when they haul the logs up from the reservoir since she noted that it looked like some of the erosion could have been caused from logs being dragged up the shoreline. Emmerson said that work is completed when the water levels are pretty high, so she doesn't think that was the main cause of the erosion, but that any time you have equipment on a shoreline that could be possible. Miller said maybe they could create log cribs that would be parallel to the shoreline, but that if they're just lifting them up then that isn't applicable. Emmerson said she would ask how the logs are hauled out of the water. Holman asked if the private landowner who received the ash was happy with it. Emmerson said yes, and that the best ash was stockpiled for PacifiCorp to use. She said now that they know they have to do maintenance in the deposit pit every five years, they can plan to incorporate the ash into more projects.

TCC/ACC Annual Report Progress

Peterman has made a comment matrix for the Annual Report. Emmerson will review it next week. They have received comments from WDFW, and Peterman noted that most of the comments pertained to fish. Miller agreed that most of the comments pertained to fish and water quality.

Miller also noted that the budget columns in Section 7 didn't show money that wasn't spent the previous year and was carried over to this year, so it was difficult to track numbers. Peterman agreed that the information wasn't clear from that particular data set, and that all the budgets are in the same section, so even though the numbers were clearer on the WHMP report it is hard to compare the two tables. There is a carryover that is unique to the WHMP. Miller indicated that the Lewis River License Implementation Additional Matching Funds Section 10.3.3 table in Section 7 of the report is confusing. She would like a list of projects and the amount awarded to determine how close we are to meeting the \$500,000 limit in any ten consecutive years. Emmerson said that the confusion was likely due to a cut and paste error from the overall spreadsheet not providing enough details. The deadline to file the report is June 30th.

Moss Cave Land Acquisition Update

Moss Cave Acquisition – Due to confidential information details of this portion of the meeting have been omitted from these meeting notes

Conference Call Adjourned at 9:39 am

Field Tour

600C2 Culvert Post-Construction

This culvert was constructed at Wetland ROW 8/12 in Unit 6. A wetland seed mix and logs were placed within the wetland, which is considered to be an amphibian/duck pond. Miller asked if they were worried about beavers, and Emmerson replied that they were not. The area is very steep, so she thinks that the presence of beavers in the past was a fluke, and that it would be a hard culvert to plug, which Erik White agreed with. Emmerson said that the armoring along the banks adjacent to the culvert was necessary because they'd had issues with the stream being very flashy, and the banks were significantly undercut on the downstream side. Though she was initially not certain

about the armoring, the extra protection to the banks seemed prudent. The armoring is made of shotcrete, and Emmerson said the stream was pumped and diverted away from the construction, and everything was constructed in the dry. The most difficult part of the project was removing the old, smashed culvert. White asked if the stream dries up, and Emmerson said that it doesn't, but it can move a lot of water during its flashy periods. White asked how the culvert was sized, and Emmerson replied that engineers designed it, and because it is a non-fish bearing stream the culvert remained perched. Holman asked if it was permitted under an HPA, and Emmerson replied that because the culvert was being replaced and under an existing logging road, the Forest Practices Application (FPA) covered the need for an HPA. Holman also liked how the FPA allowed the pond to be left. White said he is curious to see if beavers ever return. Miller asked if the location was monitored for amphibians and Emmerson said no, although Holman did see a newt during today's field visit. Emmerson mentioned that the reed canarygrass was sprayed with herbicide in this location. Holman mentioned that because the banks on either side of the pond are rocky and steep, potentially the reed canarygrass won't creep very far up the sides.

Porky Pig and Elmer Fudd Unit 20 2023 Timber Harvest Review, Cougar Meadow Review

Elmer Fudd 232014CC

Emmerson mentioned that there shouldn't be any concerns about osprey nests because they were found outside of the buffer. Holman asked if ATVs were a problem here, and Emmerson said not on this side of the management unit. The site mostly consists of Douglas fir, with some bigleaf maples and some younger western hemlock coming in. There are no cedars within this site. Holman noted that there wasn't much diversity, and he asked how leave trees were picked. Emmerson said they try to keep as much maple trees as possible, existing snags, and trees with defects. Holman asked if PacifiCorp owns the nearby houses, and Emmerson said no, and they never have. Holman then asked if a meadow could be added into this site to increase variety after the harvest, and Emmerson replied that a meadow could be added. Peterman reminded the TCC of the Cougar Meadow nearby, and the TCC agreed to go visit that today as well. Miller asked if they choose to leave the same leave trees in future harvests of the area, and Peterman said that that isn't written policy, but it is a practice that they hold. Emmerson noted that they must be careful not to double count their leave trees, and that it is important to record in GIS which trees have been left in each harvest area. Peterman asked if this would be tracked externally, so that if in the future other companies were to come in, that would be known information, and Emmerson said no.

The TCC discussed the conservation covenant that PacifiCorp holds along Cougar Creek due to the bull trout population within the stream. They mentioned how Luellyn at USFWS (who has now retired) could have at one point agreed that thinning in this unit could make sense, and Emmerson said that she would love to do more work in Unit 20, but it's restricted. Peterman said she would research what the covenant entails, and that it would be worth opening a conversation with USFWS about the possibilities within this unit because there could be great forage habitat opened up. Holman asked if trees could be thinned to the topographic break near the trail, and Emmerson said that she would look into it.

Note: After further investigation, the March 14, 2012, discussion with USFW and the TCC did not pertain to the Panemaker conservation covenant.

Cougar Meadow

This site was harvested in 2013, and the TCC wished to see how the site looked now. Their main goal for the visit was to see how leave trees turn out after a harvest, because Holman mentioned that immediately after a harvest they appear scraggly and messy, and the leave trees within Cougar Meadow looked large and healthy. Holman said that he likes the variety in habitat: openings, shrubs, grass, few weeds, snags, stumps, topographic changes, and a variety in species. Peterman mentioned that the invasive thistle was treated last year but otherwise there isn't a large noxious weed problem in this site, and that a site like this takes a lot of work for the first five years but then starts to show a large benefit to habitat. Peterman will research the seed mix that was used in Cougar Meadow.

Porky Pig 232015CT

This harvest area (7.7 acres) was adjusted due to the riparian buffer. Emmerson mentioned that the covenant GIS layer hasn't yet been updated so there may be some discrepancies on the mapped buffer. Within the portion of the harvest area within the northern spotted owl buffer, 50% of trees must be retained. Outside of the northern spotted owl buffer, they can retain as low as 30% of trees. Berry had previously said that since this harvest area has a lot of cedar trees, they probably will retain higher than 30% of trees. Peterman will research the easement rights along the powerlines leading into the Porky Pig site, to determine if treatment of Scotch broom will be possible in order to avoid spreading noxious Scotch broom sites into the relatively undisturbed Porky Pig site before thinning begins in July. Holman agrees that if treatment of the Scotch broom can be done, it should be done. Emmerson mentioned that this could potentially be an area to use Milestone herbicide. Holman asked to retain beaked hazelnut trees within the timber harvest area during the thinning process. Peterman mentioned that it appeared as though many fiddleheads were harvested along the road leading into the site. Peterman asked if the site is scarified after thinning, and Emmerson agreed that it is, and that dragging of trees accomplishes a lot of scarifications.

Cresap Campground Parking Lot

The TCC first observed a portion of the parking lot adjacent to the paved parking lot at the Cresap Bay Boat Ramp that has grass paver blocks made of synthetic material that are approximately 30 years old. This extra parking lot fills up quickly, so PacifiCorp decided to remove a rarely used volleyball court in order to create another parking lot for trucks and boat trailers. Upon touring the newer parking lot, the TCC was able to see that there were several inches of soil and hydroseed placed on top of the new grass pavers. Emmerson said that the contractor accommodated PacifiCorp's request to add soil to the sand in order for the seeds to have a better chance of growing. The hydroseed mix consists of a wapiti mix minus the wetland species and was placed on June 8th. The parking lot is curved to allow for drainage. Miller said that it appears they may need to reseed, and Emmerson agreed that it is likely, and Peterman mentioned that it could be done in the fall in order to achieve better germination. Holman said that if this treatment works well on the newer parking lot, it could be worth it to redo the older grass paver lot.

Administrative

Multiple members of the TCC will be out of town during the scheduled July 12th meeting, so it was agreed that the July meeting will be canceled, and the TCC will meet at the Merwin Hydro Control building for a full day of field site visits on August 9th.

Agenda items for August 9, 2023

- Review June 14, 2023 meeting notes
- Project updates

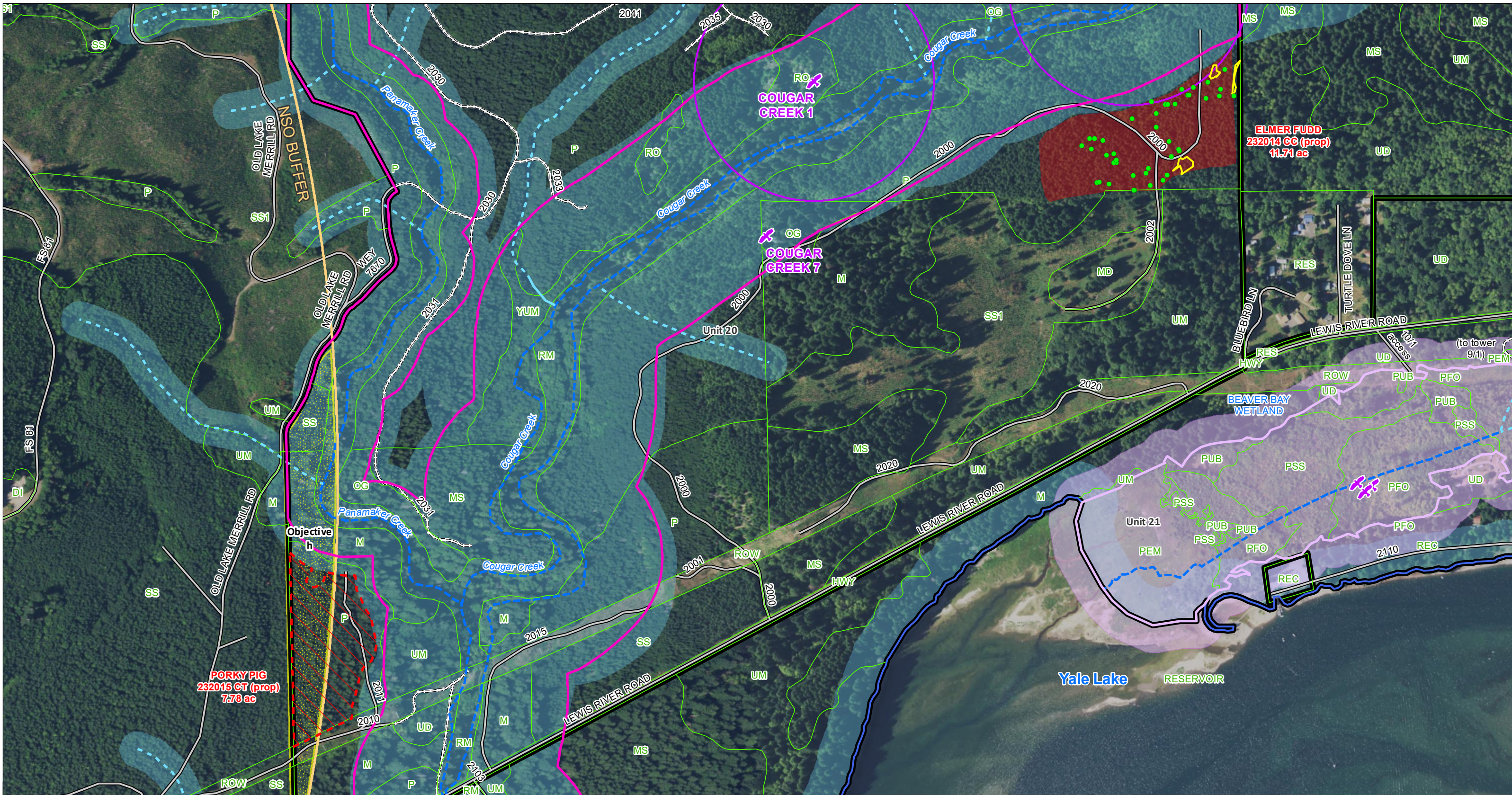
Next Scheduled Meeting

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| August 9, 2023 |
| Merwin Hydro Control/Teams |

Attachment:

- Unit 20 2023 Proposed Timber Harvest Areas.

Field Tour Adjourned at Cresap Campground at 1:30 pm, and the TCC departed Merwin Hydro Control at 2:00 pm.



WHMP - Unit 20
2023 Planned Harvests

- | | | | | |
|-------------------------|-----------------------|-----------------|-----------------------------------|---------------------|
| Planned Thin | Management Unit | Shoreline | NSO Objective h lands | Road |
| Planned Clear Cut | Conservation Covenant | Riparian Buffer | Spotted Owl Buffer | Abandon/Orphan Road |
| Leave Tree | Fish Stream | Wetland | Raptor Nest (Current not Archive) | |
| Special Management Area | Non-fish Perennial | Wetland Buffer | Raptor Nest Buffer | |
| Vegetation Cover | Non-fish Seasonal | | | |

