

LEWIS RIVER TERRESTRIAL COORDINATION COMMITTEE

Facilitator: KENDEL EMMERSON
503-813-6040; CELL 509-774-8102
Location: SKYPE MEETING ONLY
Date: October 14, 2020
Time: 9:00 AM – 11:00 AM

Agenda Items

- 9:00 a.m. Welcome
- Review Agenda, 9/9/20 Meeting Notes
 - Review and Accept Agenda, 9/9/20 Meeting Notes
- 9:15 a.m. Study/Work Product Updates
- Update Saddle Dam Seismic
 - Big Hollow Fire Update
 - Cresap Pond
 - Moss Cave
 - Woodland Park
 - Camper's Hideaway
 - 2021 TCC Meeting Dates
- 10:45 a.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>
- 11:00 a.m. Meeting adjourn

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Join by phone

[\(503\) 813-5252](tel:(503)813-5252) [Portland, OR] (US)

English (United States)

Conference ID: 4604738

FINAL Meeting Notes
Lewis River License Implementation
Terrestrial Coordination Committee (TCC) Meeting
October 14, 2020
Conference Call Only

TCC Representatives Present: (6)

Kendel Emmerson, PacifiCorp
Summer Peterman, PacifiCorp
Kim McCune, PacifiCorp
Erik White, Cowlitz Indian Tribe
Eric Holman, WDFW
Amanda Froberg, Cowlitz PUD

Calendar:

December 9, 2020	TCC Meeting	Skype Call Only
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Assignments for October 14, 2020	Status
Emmerson: Get back to the TCC about what seeds were distributed on the fire break area at the Communications building in Management Unit 11.	Vendor used some older seed; PacifiCorp to return in mid-March 2021 to top seed with pollinator seed

Parking Lot Items	Status
Emmerson/McCune: Contact PacifiCorp's properties department to discuss further TNC detail and report to the TCC at the next meeting.	In progress

Kendel Emmerson (PacifiCorp) called the meeting to order at 9:06am. Emmerson reviewed the agenda and the following topics will be added to today's discussion:

- Transmission Line – ROW Pole Replacement 2020
- Grass Legume Test Plots

Emmerson reviewed the September 9, 2020. The meeting notes were approved at 9:18 am without changes.

Public Comment Opportunity:

None

Study/Work Product Updates

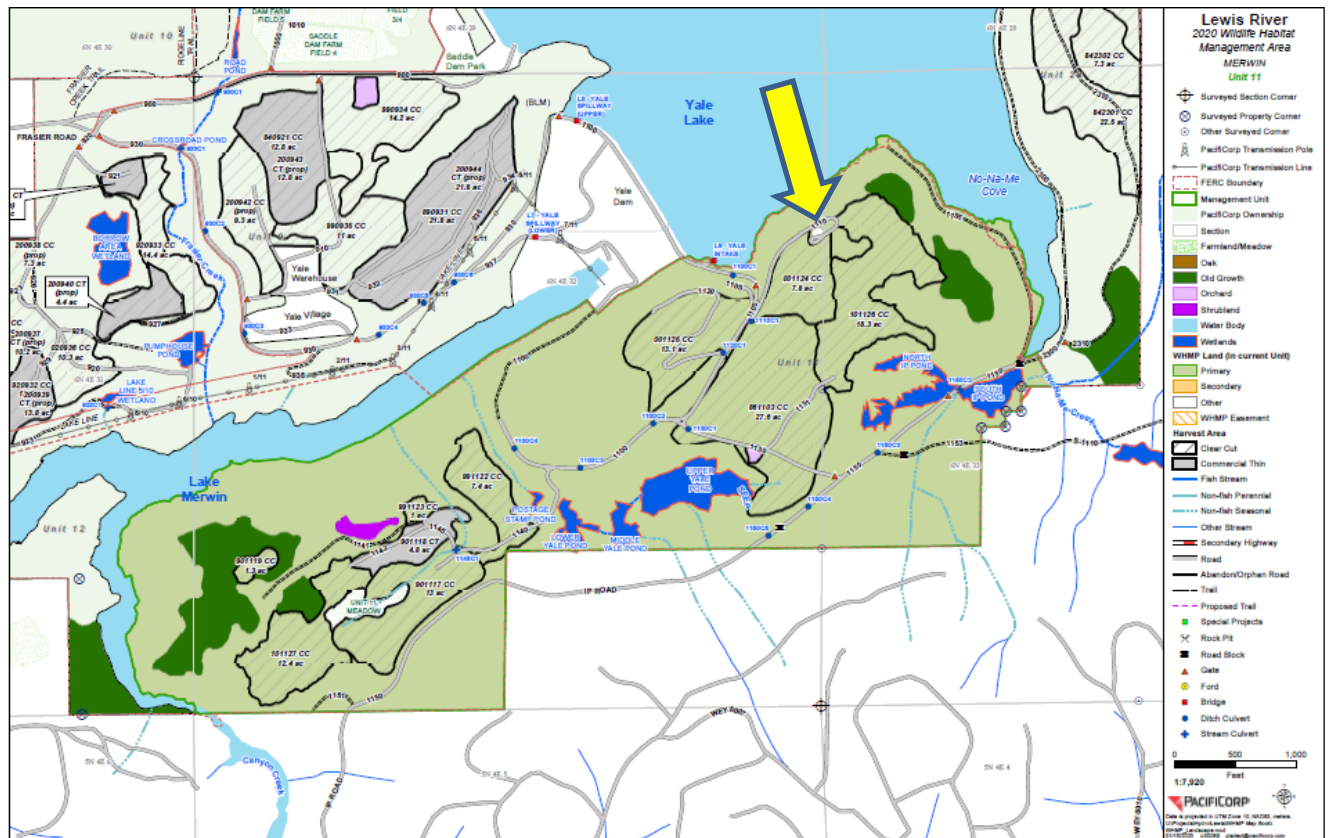
Update Saddle Dam Seismic

Emmerson communicated that the 30% design is expected in November and the good news is soil tests are indicating that seismic design criteria will be much less than originally anticipated. The

change in design has slowed the overall project. There are some challenges with the public ignoring the closed signs and were discovered in the Saddle Dam area.

Big Hollow Fire Update

Emmerson noted that the last report on the Big Hollow Fire website was October 2, 2020 so it appears they have suspended operations and are letting the fire run its course until the rains extinguish it. The fire was in the Siouxon block just south of Yale and came within a couple of miles of the project facilities. As a result all of the area in the map below was under level 2 evacuation. This included Yale dam and the village, which is the area we discussed in the September TCC meeting.



This evacuation included a communications site (see images below), it's a building that is critical to maintaining communication for hydro operations on the Lewis River. It was discovered that we did not have a fire break that was adequate to protect the facility, so Chilton Logging removed all trees and vegetation within 200' around the facility. This occurred on WHMP lands, but it was an emergency situation and there was no time to coordinate with the TCC prior to completing the action. The total area cleared was 3.74 acres, which included 0.51 acres of mature, 0.37 acres of PacificCorp facility (non-WHMP lands), 1.35 acres of seedling/sapling, and 1.51 acres of upland deciduous. We plan to seed the cleared area and turn it into a meadow so that a fire break can be maintained in the future.

PacificCorp closed all of its campgrounds and wildlife lands in response to the extreme fire danger and evacuation levels. There isn't a really good way currently to close wildlife lands to the public, so the only option was to post it on the website and send out a news release. PacificCorp will be discussing further how best to get closure information to the public.

In addition, these same lands were closed to contractors for about 3 weeks, therefore some weather dependent tasks may not get completed on time or at all in 2020. Mowing and fertilizing is behind schedule. The criteria that PacifiCorp provided Emmerson for opening was to see what other land owners were doing, air quality and Industrial Fire Precaution Level (IFPL) rating as the metric before approving to reopen WHMP lands to the public. All Lewis River wildlife lands are fully open now.

Amanda Froberg (Cowlitz PUD) suggested we consider using department of emergency management to communicate out so that might be a thought for future emergency WHMP closures.

PacifiCorp's website needs a place where WHMP lands description and status is accessible to the public which will be a topic of discussion going forward.

PacifiCorp is evaluating defensible space around all of their facilities in the west. It is possible that PacifiCorp will do more clearing around warehouses and facilities in the near future.

All cost relating to the fire(s) and the restoration will not be paid from WHMP funds but with a special work order PacifiCorp has set up to capture all costs relating to the fire. There was quite a bit of slash from the clearing around Yale communication site, so Emmerson had it trucked over to Management Unit 9 where the 2020 timber harvest occurred. The trucking was covered by the fire cost and burning will be covered by the Forestry budget.



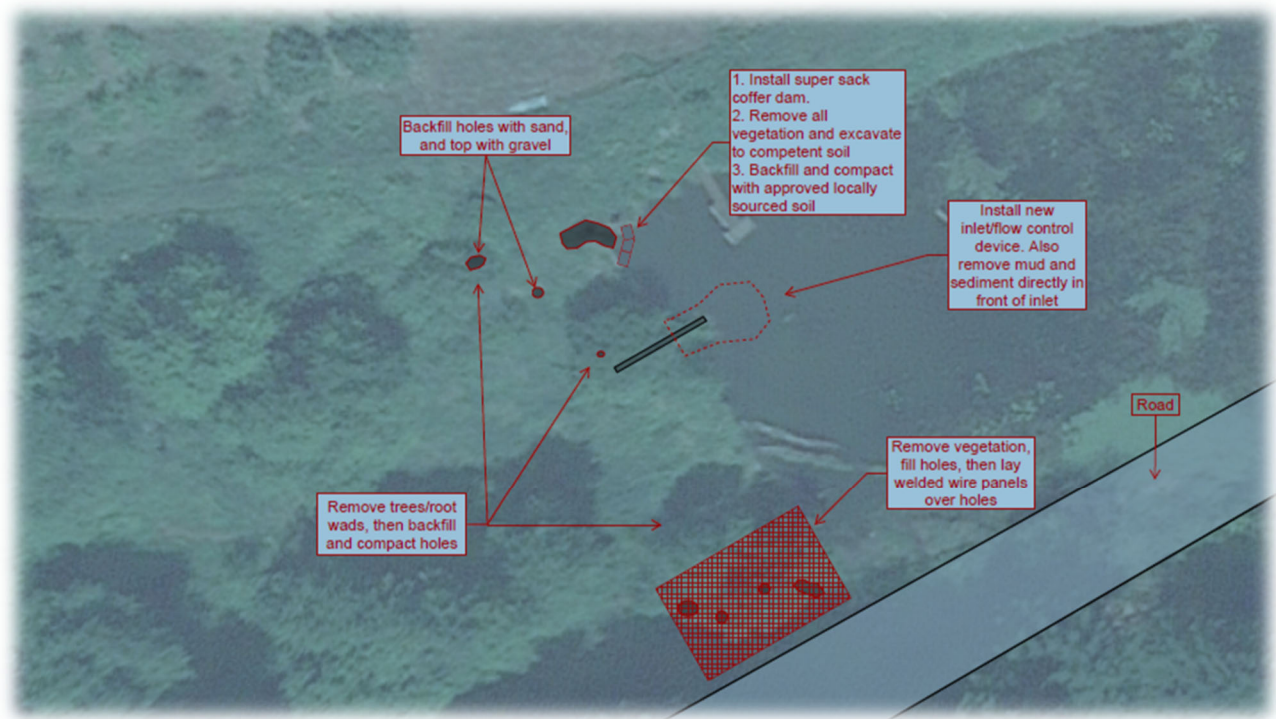


Cresap Pond/Dam

This is a pond that Emmerson has mentioned before and you may recall it as it is the pond that parallels the road as you drive into Frasier Pond. There is a gate on the south side of the dam below the road with a sign that states “if you want to fish to contact Dr. Wayne Tracinski”. It was assumed he owned the entire dam. It came to Emmerson’s attention from a contractor that PacifiCorp owns approximately 2/3 of the dam and there is actually a PacifiCorp property stake on the dam. The dam is in need of repair due to beaver damage (see image below).

The wetland habitat is pretty high quality with deep water and palustrine emergent and palustrine shrub habitat. The wetland has high wildlife value and ring neck ducks and painted turtles are observed often. From google earth images it appears the dam has been in since before 1985 but we don’t know why it was put in there other than they may have had a lot of beaver problems and road issues. We are assuming Longview Fibre and the owner to the north put the dam in there and it appears it has had little to no maintenance since it was constructed. PacifiCorp’s engineer, Greg Glaze, went to the site and there are beaver burrows through it, it is sluffed down on one side, and the inlet is heavily rusted and decayed. The repair work is estimated around \$20k which is minimal compared to the cost to mitigate the loss of the wetland. The adjoining landowner is in support of restoration. The plan for repair is indicated in the image below. Permits to perform the work is not a huge endeavor.

The TCC agrees that they would like to protect this habitat and its wildlife value and proceed with the repairs providing PacifiCorp give its approval to proceed also.



TNC Property Acquisition

TNC contacted PacifiCorp to reinstate a conversation about certain property acquisition. Mitigation funds could be used for this effort but an estimated value of the property is needed. TNC, PacifiCorp and WDFW all agreed that a “broker opinion” realtor version of an appraisal would suffice and TNC is expected to get that to PacifiCorp by the end of the year. WDFW and TNC will resume working on completing the conservation easement. If we agree to purchase the property then a complete appraisal will be required to meet TNC obligations. WDFW will not need an appraisal and we are not sure it will be required for PacifiCorp either. If it all comes together with the three parties PacifiCorp can write a purchase and sale agreement which will take about 6-12 months.

Emmerson recommended an appraiser that both PacifiCorp and Columbia Land Trust have used before in the area and is the most knowledgeable to provide a broker opinion.

The TCC all agreed that they would like to continue with the efforts to acquire the property of interest.

The next update will be approximately January 2021.

Woodland Park

PacifiCorp’s Property department had a discussion with the President of Woodland Park Cabins, Woodland Park are cabins that are on leased land from PacifiCorp. It was confirmed that one of the cabin owners cleared the area as indicated below in yellow. The total cleared area is .17 acre and it was in the riparian buffer of a fish stream. Emmerson put an order in with the Washington Association of Conservation District Plant Materials Center for native plants that are at very affordable prices. Those came to about \$200 and PacifiCorp has completed grass seeding the cleared area. The total materials cost is about \$500 and about \$2,500 in labor is expected. In addition, a cultural survey had to be conducted for certain ground disturbance. This information will be

Emmerson informed the TCC that the plant order included the following: vine maple, indian plum, western hemlock, cascara, big leaf maple and Nootka rose. Emmerson plans to add sign/sticker to a carsonite post that indicates “conservation area” to prevent future damage and clear delineation between WHMP and leased lands.



6



This is image of the existing parking are they would like to expand beyond the where the vehicles are parked.



This is an image of the area that the expanded parking area will be constructed.

Transmission Line – ROW Pole Replacement 2020

Summer Peterman (PacifiCorp) provided the following update of seed mix used this year.

8 poles are scheduled to be replaced along the Speelyai Line this year. The poles and their lines equal about 50 ft radius. These will be seeded and topped with straw sometime next week. We are using a new test seed mix bought from Sunmark Seeds, with whom we have had great success. The ratio of grasses/forbs was changed, the last mix was 60/40 this mix is 50/50. We are hoping to see more forbs growing vs the grasses that we are seeing in the 2019 plots. This blend is a little more than Transmission would like to spend at \$17/lb, however as we are in the testing stages this is to give us an idea of what flowers will continue to grow long term. We will monitor the results over the next few years.

ROW Pollinator Mix		%	LBS
Blue Wildrye	<i>Elymus glaucus</i>	15.00	16,500
Meadow Barley	<i>Hordeum brachyantherum</i>	9.00	7,650
Slender Hairgrass	<i>Deschampsia elongata</i>	4.00	78,000
Mountain Brome	<i>Bromus marginatus</i>	22.00	19,800
Ladino White Clover	<i>Trifolium repens</i>	10.00	85,000
Small Burnet	<i>Sanguisorba minor</i>	15.00	6,600
Black Eyed Susan	<i>Rudbeckia hirta</i>	4.80	81,456

Purple Coneflower	<i>Echinacea purpurea</i>	6.00	7,020
Perennial Lupine	<i>Lupinus perennis</i>	9.24	1,968
Western Yarrow	<i>Achillea millefolium</i>	0.44	12,276
Nootka Rose	<i>Rose nutkana</i>	2.64	1,188
Great Camas	<i>Camassia leichtlinii</i>	2.00	998
		100.12	318,456

Meadows 2020

Middle Earth did not have a good seed take with the original application we reapplied this seed mix in hopes of a better seed establishment. The last two years we did some treatment of bracken fern, blackberry, and snowberry in Upper and Lower Winter, Buncombe Hollow, and Lower Hanley Curry meadows. This left large brown spots. We raked and seeded the spots with the following seed mix:

Meadow Mix		%	Seed/LB
Fawn Forage Tall Fescue	Schedonorus Arundinacea Var Fawn	31	70,370
Perennial Ryegrass	Lolium Perenne Tetraploid	28	70,000
Small Burnet	<i>Sanguisorba minor</i>	10	4,400
Jumbo Ladino Clover	<i>Trifolium repens</i>	1	8,500
Sunmark Eco Prairie Mixture		30	63,600
		100	216,870

This is a similar seed mix we have been using in our newer meadows (McKee, Osprey, etc.)

Grass Legume Test Plots

We are conducting another round of testing in the high country grass seed and legume plots. We treated, raked the plots and seeded half for the fall applications. The highlighted items are what was changed/added as we were noticing a lack of forbs establishing. We usually note the seed distribution by weight for example you can see common yarrow is only 1% of the whole seed distribution, however common yarrow is very light so even though it's only 1% of the total weight, there is actually quite a lot of seeds. The new seed mix is:

2020/2021 Test Plots

PLOT 1: \$7/lb seeded at 35 lbs/acre			
Common Name	Species Name	%	LB
<i>Lolium perenne tetraploid</i>	Tetraploid Perennial ryegrass	30	75,000
<i>Festuca rubra rubra</i> var. <i>molate</i>	Red fescue (molate)	17	85,000
<i>Elymus glaucus</i>	Blue Wildrye	29	31,900
<i>Sanguisorba minor</i>	Small burnet	20	8,800
<i>Trifolium repens</i> var <i>Dutch</i>	Dutch White Clover	3	25,500
<i>Achillea millefolium</i>	Common yarrow	1	27,500
		100	253,700

PLOT 2: \$6/lb Seeded at 44 lbs/acre			
Common Name	Species Name	%	LB
<i>Lolium perenne tetraploid</i>	tetraploid perennial ryegrass	30	75,000
<i>Schedonorus arundianacea</i>	Tall fescue, Fawn	30	68,100
<i>Hordeum brachyantherum</i>	Meadow Barley	18	15,300
<i>Trifolium repens var Dutch</i>	Dutch White Clover	18	17,000
<i>Sanguisorba minor</i>	Small burnet	2	7,920
<i>Lupinus perennis</i>	Perennial Lupine	2	426
		100	183,746

2019/2020 Test Plots

Grass Seed mix for Plot #1 seeded at 20 lbs/acre.

Species Name	Common Name	% By Weight
<i>Lolium perenne</i>	Tetraploid perennial ryegrass	20
<i>Festuca rubra rubra</i>	Red fescue	20
<i>Bromus carinatus</i>	California brome	20
<i>Sanguisorba minor</i>	Small burnet	15
<i>Trifolium repens var Dutch</i>	Dutch white clover	15
<i>Vicia sativa</i>	Garden vetch	10

Grass seed min for Plot # 2 seeded at 20 lbs/acre.

Species Name	Common Name	% By Weight
<i>Lolium perenne</i>	Tetraploid perennial ryegrass	20
<i>Lolium perenne multiflorum, tetraploid</i>	Annual Ryegrass (tetraploid)	20
<i>Schedonorus arundianacea</i>	Tall fescue, Fawn	20
<i>Bromus carinatus</i>	California Brome	20
<i>Trifolium repens var Dutch</i>	Dutch White Clover	10
<i>Vicia sativa</i>	Garden vetch	10
<i>Sanguisorba minor</i>	Small burnet	10

2021 Meeting Schedule

The TCC agreed to continue the following meeting schedule in 2021 and adjust as needed. All meetings at this time will be Skype until such time it's safe to gather in a conference room due to COVID-19.

- 2nd Wednesday of every month beginning in January 2021 through December 2021 from 9:00am – 3:00pm.

Other

The TCC agreed to cancel the November 11, 2020 TCC Meeting.

Agenda items for December 9, 2020

- Review September 9, 2020 Meeting Notes (**TCC COMMENTS DUE November 30, 2020**)
- Study/Work Product Updates

Next Scheduled Meeting

TBD
Skype Meeting Only

Attachments:

- October 14, 2020 Meeting Agenda

Adjourn 10:17 a.m.