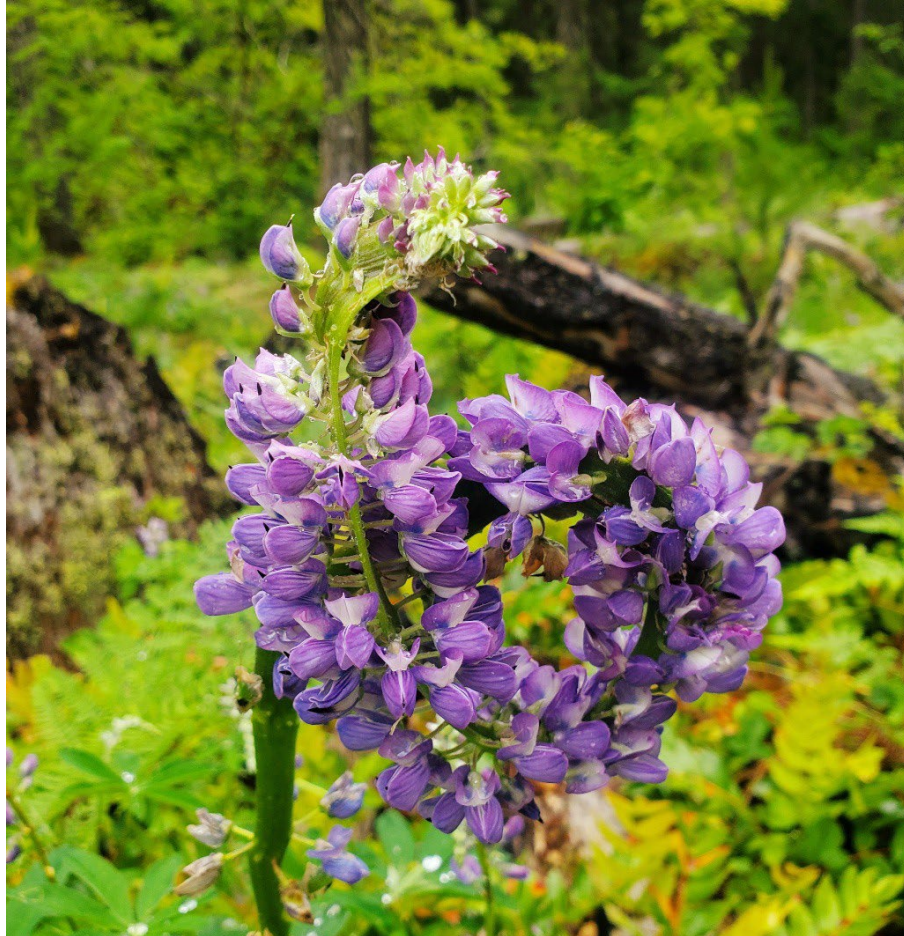


# Lewis River Wildlife Habitat Management Plan

*FERC Project Nos. 935, 2071, and 2111*



## 2022 Annual Plan

*Annual Plan for Operations Phase 2022*



May 2, 2022

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## ACRONYMS & ABBREVIATIONS

To enhance readability, the use of acronyms and abbreviations has been minimized in this document. However, for longer terms that are frequently used throughout the document, as well as certain units of measurement, the following acronyms and abbreviations have been used.

ABPR	Noble fir ( <i>Abies procera</i> )
ac	Acre(s)
ACMA	Bigleaf Maple ( <i>Acer macrophyllum</i> )
ALPE	Garlic mustard ( <i>Alliaria petiolata</i> )
ALRU	Red alder ( <i>Alnus rubra</i> )
BUDA	butterfly bush ( <i>Buddleja davidii</i> )
CC	Clearcut
C:F	cover:forage
CIAR	Canada thistle ( <i>Cirsium arvense</i> )
CONU	Pacific dogwood ( <i>Cornus nuttallii</i> )
COVID-19	2019 novel corona virus disease
CT	Commercial Thin
CYSC	Scotch broom ( <i>Cystisus scoparius</i> )
dbh	diameter at breast height
FERC	Federal Energy Regulatory Commission
GELU	Shiny geranium ( <i>Geranium lucidum</i> )
GIS	Geographic Information System
GLSG	Grass/Legume Seed Germination
HRMP	Habitat Enhancement Monitoring Project
IMGL	Policeman's helmet ( <i>Impatiens glandulifera</i> )
IRPS	Yellowflag iris ( <i>Iris pseudacorus</i> )
LALA	Perennial Pea ( <i>Lathyrus latifolius</i> )
LWD	Large woody debris
MMFEEM	Marble Mountain Forage Enrichment and Effective Monitoring
MS	Mid-successional Conifer
MU	Management Unit
P	Pole Conifer
PCT	Pre-commercially thin
PFO	Palustrine Forested Wetland
PHAM	Pokeweed ( <i>Phytolacca americana</i> )
PHAR	Reed Canarygrass ( <i>Phalaris arundinacea</i> )
PIMO	Western white pine ( <i>Pinus monticola</i> )
POTR	Black Cottonwood ( <i>Populus basamifera</i> L.ssp. <i>trichocarpa</i> )
PREM	Bitter cherry ( <i>Prunus emarginata</i> )
PSME	Douglas-fir ( <i>Pseudotsuga menziesii</i> )
PTAQ	Western Brackenfern ( <i>Pteridium aquilinum</i> )
RUAR	Himalayan blackberry ( <i>Rubus armeniacus</i> )
RHPU	Cascara ( <i>Rhamnus purshiana</i> )
SEJA	Tansy Ragwort ( <i>Senecio jacobaea</i> )
TCC	Terrestrial Coordination Committee
THA	timber harvest area
THPL	Western red cedar ( <i>Thuja plicata</i> )
UD	Upland Deciduous



USFWS	United States Fish and Wildlife Service
USFS	United States Forest Service
VES	Visual Encounter Surveys
WDNR	Washington Department of Natural Resources
WHMP	Wildlife Habitat Management Plan

## **1.0 Introduction**

This Annual Plan fulfills PacifiCorp's obligations for the license's Article 403 and Settlement Agreement 10.8.3 (Federal Energy Regulatory Commission [FERC] 2008a, FERC 2008b, FERC 2008c, PacifiCorp et al. 2004). The objective of this plan is to detail the terrestrial protection, mitigation, and enhancement measures that are planned to be implemented on Lewis River Wildlife Habitat Management Plan (WHMP) lands in the current operational year (i.e., January 1<sup>st</sup> to December 31, 2022) (PacifiCorp 2008). This plan also provides details on available WHMP funding, outlines proposed costs, and demonstrates consistency with the Lewis River WHMP goals and objectives, and state and Federal regulations.

## **2.0 Wildlife Habitat Management Plan Funding**

Settlement Agreement 10.8.2.1 describes the annual funding for PacifiCorp lands managed under the WHMP as \$27 (in 2003 dollars, Adjusted for Inflation) per acre owned in fee simple and \$13.50 (in 2003 dollars, Adjusted for Inflation) per acre for other Interests in Land (e.g., conservation easements) (PacifiCorp et al. 2004). As of December 31, 2021, PacifiCorp, has 15,789 acres (ac) of WHMP lands owned in fee simple and 16 ac of Interests in Lands. PacifiCorp is continually refining their property lines through surveys and reviewing title reports as needed, so it is expected that fee simple acres will vary slightly each year.

The 2022 WHMP budget as of January 1, 2022, will be a total of \$780,614.94 which includes the cost per acre for fee simple (\$626,589.57) plus interest (\$18,001.59) and conservation easement lands (\$320.44), and remaining funds from the previous year (\$135,703.34). Appendix A provides the overall 2022 budget as well as the budgets for administration, management areas, and plan-wide goals. To accurately reflect costs, the 2022 budget is based on costs expended in prior years, which may differ from original estimates in the WHMP (PacifiCorp 2008).

## **3.0 Land Acquisition**

In accordance with the Settlement Agreement 10.1, 10.2, and 10.3, PacifiCorp has established the Yale Land Acquisition and Habitat Protection Fund, the Swift No. 1 and Swift No. 2 Land Acquisition and Habitat Protection Fund, and the Lewis River Land Acquisition and Habitat Protection Fund, which are referred to as the Yale, Swift, and the Lewis River funds respectively. Article 403 in the Yale and Swift 1 licenses require that the annual plan describe how the funds are to be used and the lands proposed to be acquired under these funds.

The Yale Fund (Settlement Agreement 10.1) was fully expended as of December 31, 2010, for the 2010 land acquisitions. No further contributions are scheduled. The purchases were accomplished with additional funding supplied from the Lewis River Fund with the Terrestrial Coordination Committee (TCC) approval.

The Swift Fund (Settlement Agreement 10.2) is currently \$29,300.00 as of December 31, 2021, which includes 2021 interest. This fund has received all of its contributions. The TCC will need to determine how to spend the remaining funds.

The Lewis River Fund (Settlement Agreement 10.3) was fully expended as of April 30, 2017, to complete the 2017 land acquisition. However, it was determined in 2021 that there was error in the how the funds were dispersed in 2017. These funds (\$163,950) were refunded plus interest to the account on December 31, 2021, in the amount of \$194,871.30.

## **4.0 Administration**

### **4.1 Terrestrial Coordination Committee**

Settlement Agreement Section 14.2.5 requires that the TCC meet at least annually and during the development of the WHMP the TCC met at least monthly. Since the WHMP is entering into the thirteenth year of the WHMP implementation (14th license year), the TCC meetings for 2022 are currently scheduled for monthly but may occur on an as-needed-basis and as decided by the TCC.

### **4.2 Annual Report**

An Annual Report describing the terrestrial protection, mitigation, and enhancement measures that occurred on WHMP lands during 2021 was submitted to the TCC for the 30-day review March 18, 2022.

### **4.3 Annual Plan**

TCC members were provided a draft of this report March 18, 2022, to review and provide comments within 30 days or by April 18, 2022. These comments were either incorporated into this report or if not, an explanation has been provided and included in Appendix B. In accordance with the Settlement Agreement 14.2.6, this report was in the past submitted to the FERC no later than 30 days, or by April 15<sup>th</sup> each year. However, PacifiCorp has requested an extension for the submittal of the compiled ACC/TCC annual report, for which is included, to June 30<sup>th</sup>. The extension was necessary to provide adequate time for aquatic information.

### **4.4 Restoration Plans**

No lands were identified as significantly damaged by anthropogenic processes in 2021; therefore, no restoration plan is required in 2022.

## **5.0 Old-growth Habitat Management**

### **5.1 Inspections**

Old-growth aerial surveys will be conducted concurrently with the osprey (*Pandion haliaetus*) and bald eagle (*Haliaeetus leucocephalus*) nest aerial surveys (Section 15.1). Due to the difficulty in differentiating between the costs for each survey, the funds budgeted for the osprey and bald eagle nest survey include the costs of the old-growth aerial survey.

### **5.2 Management Actions**

The old-growth connectivity data layer will be reviewed for 2022 and future habitat management decisions to ensure the priority mature stands are maintained and, where feasible, implement management actions (e.g., snag development, large down wood, thinning) that would promote old-growth habitat in those areas.

## **6.0 Wetland Habitat Management**

### **6.1 Inspections**

The annual inspection of managed wetlands will be completed between April and June 2022. Post-treatment inspection will occur at Cedar Grove, Chestnut, and Banker's Ponds to monitor the

effectiveness of reed canarygrass (*Phalaris arundinacea*) control treatment from 2016 -2021. The Himalayan blackberry (*Rubus armeniacus*) treatment at Swift Canal Ponds, Swift Bypass Wetland 2 and Wetland 2 Constructed Channel will be inspected.

## 6.2 Management Actions

Management actions scheduled to occur in 2022 include the stop log removal/replacement for bullfrog (*Rana catesbeiana*) management and high winter flows, and to review the Washington Department of Natural Resources (WDNR) Heritage Database. Bullfrog monitoring and management will continue this year, with Visual Encounter Surveys (VES) surveys at Frasier Creek wetlands (Cedar Grove, Chestnut, Road, Banker's, Cross Road, Borrow Area, and Pumphouse Ponds) (Muths 2011). The objectives will be to learn more about the population and development of bullfrog larva in these ponds to ensure that draining the wetlands is not selecting for a rapidly developing genotype (Adams and Pearl 2007).

The wetlands along Frasier Creek; Cedar Grove, Chestnut, Banker's, and Road have extensive reed canarygrass along their banks, which is an invasive plant species that diminishes the habitat value for native amphibians. In 2016, the first phase in controlling reed canarygrass along the Frasier Creek wetlands began at Cedar Grove Pond, the first wetland along the diversion. The area was treated using Glyphosate, because Glyphosate is a non-selective herbicide, it was expected that all vegetation mixed within the reed canarygrass will also be killed. Chestnut Pond was treated in 2017 as the second phase of the project. Both areas were raked, and grass seeded with a native wetland grass/forb mix in 2019 and planted with hydrophytic shrubs. Fourth phase is treating Road Pond. It had its first treatment in 2021. If the reed canarygrass treatment appears to be successful, the area will be raked and seeded with the native wetland grass/forb mix and planted with hydrophytic shrubs. These areas will continue to be inspected for effectiveness and, if needed, retreated in March and/or July. As part of the fourth phase PacifiCorp has been treating the reed canarygrass in the stream that connects Banker's and Road Ponds. The stream was cut using a weedwhacker in the spring and again later in summer, it will have the same treatment in 2022. It will not be treated with Glyphosate to preserve the shrubs providing red legged frog (*Rana aurora*) habitat. Road Pond will be treated with Glyphosate for its first round of treatment. All areas will be photographed as needed to capture the progress.

Yellowflag Iris (*Iris pseudacorus* [IRPS]) is a Class C noxious weed that has been detected in the northwest corner of Beaver Bay Wetland. Controlling IRPS in this area is difficult due to deep mud and distinguishing this plant from other native fauna. The area will continue to be monitored for extent and location of the infestation(s) between April 1<sup>st</sup> and May 15<sup>th</sup>. This will be followed by a treatment of aquatic approved Glyphosate between May 15<sup>th</sup> and June 15<sup>th</sup> and follow-up treatment September 15<sup>th</sup> to October 15<sup>th</sup> with aquatic approved Imazapyr (King County 2009).

In 2017, twelve WHMP Palustrine Forest (PFO) wetlands were evaluated to determine if they exceeded 20 percent shrub cover and determine what, if any, management actions are needed to enhance shrubs. Only 4 of the wetlands were at or below 20 percent shrub cover and they were planted in the spring of 2018. Six PFO wetlands have excessive amounts of Himalayan blackberry

that were outcompeting native shrubs, these wetlands have been treated for Himalayan blackberry beginning in 2018 and will be continuing into 2022. They will be evaluated the following year to determine if Himalayan blackberry has been effectively controlled and if native shrubs begin to reestablish. In addition, three PFO wetlands forested canopy are mostly comprised of declining red alder (*Alnus rubra*). Therefore, to restore the forested canopy these areas will be planted with a mix of Sitka spruce (*Picea sitchensis*), western red cedar (*Thuja plicata*), Oregon ash (*Fraxinus latifolia*), red alder, and black cottonwood (*Populus balsamifera L ssp. Trichocarpa*). In 2022 Swift Canal Ponds, Swift Warehouse, and Swift Bypass wetland will have its third year's survey to determine success of plantings and Himalayan blackberry treatment. Swift Bypass will be treated for Scotch broom (*Cystisus scoparius* [CYSC]) as well. If treatment of Swift Bypass is determined successful, the area will be planted with cottonwood and bigleaf maple (*Acer macrophyllum* [ACMA]).

Ichabod wetland will be planted with 500 Black hawthorn (*Crataegus douglasii*), Pacific ninebark (*Physocarpus capitatus*), Nootka rose (*Rosa nutkana*), thimble berry (*Rubus parviflorus*), twinberry Oregon (*Lonicera involucrate*), red alder, black cottonwood, red flowering current (*Ribes sanguinum*), red osier dogwood (*Cornus sericea*), and pacific willow (*Salix lucida*) as available. Noxious weed treatment is required at several wetlands. There may not be enough budget to cover all the areas, so the areas will be prioritized in the following order:



- Swift Canal Ponds will have another Himalayan blackberry treatment
- Violet wetland (Figure 1) will have Canada thistle (*Cirsium arvense*) and tansy ragwort (*Senecio jacobaea*) treatment
- Beaver Bay Wetland will be treated for Himalayan blackberry
- Cresap Pond will be retreated for Himalayan blackberry
- North and South IP Ponds will have Himalayan blackberry treatment

**Figure 1. Violet Wetland requiring noxious weed treatment.**

## 7.0 Riparian Habitat Management

### 7.1 Inspections

No inspections are required for Riparian Habitat.

### 7.2 Management Actions

The riparian habitat management actions that are expected to occur in 2022 include:

- Establishing buffers as necessary around the 2022 timber harvest activities,
- Developing water type modifications as necessary for 2022 and 2023 forestry activities.
- Implementing pre-commercial thinning in WHMP riparian buffers is scheduled to occur in older (>15 years) timber harvest area (THA) and newly acquired lands that were planted too heavily to meet WHMP objectives. This includes the following THA: 113319CC (Priority 4), 063309CC (Priority 3), 124010CC (Priority 1), 124011CC (Priority 1), 124012 (Priority 1), 124013CC (Priority 2), 124018CC (Priority 2) and 124020CC (Priority 3).
- The portion of Speelyai Creek on PacifiCorp lands will be treated for invasive plant species. This is in Management Unit (MU) 17 and is mostly Himalayan blackberry.
- The WHMP riparian area in MU 32 is a non-fish perennial stream that has several invasive plant species. This area will be evaluated, and a restoration plan will be developed to control invasive plant species.

## 8.0 Shrubland Habitat Management

### 8.1 Inspections

Shrublands are on a three-year survey rotation. Shrubland 3-2a and 3-2b are next in rotation and scheduled to be inspected between April 15<sup>th</sup> and October 31<sup>st</sup>. No shrublands were treated in 2021 so no post treatment surveys are required in 2022.

### 8.2 Management Actions

A review of the effectiveness of shrubland management actions using annual shrubland inspections will continue to be conducted this year.



# 9.0 Farmland, Idle Areas, and Meadows Habitat Management

## 9.1 Inspections

This annual spring inspection will include all farmland, idle fields, and actively managed meadows and occur between April 15<sup>th</sup> and May 31<sup>st</sup>. Most of the fields that are actively managed in the spring will be surveyed for Savannah Sparrow (*Passerculus sandwichensis*), a Habitat Evaluation Procedure (HEP) Species for Farmlands, Meadows and Idle Areas, between April 15<sup>th</sup> and May 31<sup>st</sup> to determine occupancy and gain more insight on nest habitat use. Fields will be surveyed using the Area Search method described in Handbook of Field Methods for Monitoring Landbirds (Ralph et al. 1993).

## 9.2 Management Actions

Regularly scheduled annual management actions will occur in 2022 and will include:

Many of the fields need invasive plant species control, but it is unlikely that all the work can be completed with the short spray window and available budget. Therefore, the following meadows and fields are listed by priority:

- Osprey Meadow will be treated for Canada thistle
- Frasier Pond Meadow will be treated for tansy ragwort and St. Johnswort (*Hypericum perforatum*)
- Saddle Mountain will be treated for tansy ragwort, St. Johnswort, oxeye daisy (*Leucanthemum vulgare*) and reed canarygrass
- Mohawk Meadow will be treated for Canada thistle and reed canarygrass
- Saddle Dam Idle Fields 1/5 and 3/4 Fields will be monitored and treated for Scotch broom, Canada thistle, tansy and Hawthorn
- Saddle Dam Field 1 will be treated for Canada thistle
- Buncombe Hollow will be treated for snowberry (*Symphoricarpos albus*) and monitored for reseeding that may be required
- Rhododendron will be treated for Himalayan blackberry and tansy ragwort
- Swift Warehouse Meadow will be treated for Scotch broom
- Krampus will be monitored for successful seed growth
- Ichabod will be monitored for successful seed growth
  
- Annual spring mowing at:
  - Saddle Dam Farmlands fields including Idle Field 3/4
  - Hamm Meadows 1, 2, and 3
  - Lower Hanley Curry
  - Swift Warehouse Meadow
  
- Annual fall mowing at:
  - Bridge
  - Buncombe Hollow

- Hamm Meadows 1-5
  - Upper Hanley Curry
  - Lower Hanley Curry
  - Upper McKee
  - Lower McKee
  - Osprey
  - Reese Meadow
  - Rhododendron
  - Saddle Dam Farm Fields 1-5 and Idle Field 3/4
  - Speelyai
  - Swift Warehouse
  - Upper Winter Creek
  - Lower Winter Creek
- To distribute soil testing costs, managed meadows are tested every other year. Soil testing will be conducted at:
    - Saddle Dam 3, 4, and 5
    - Hamm 4 and 5
    - Upper and Lower Hanley Curry
    - Osprey
    - Reese Meadow
    - Upper and Lower Winter Creek
- All managed meadows are fertilized annually based on soil testing results from the soil test from the year before or the year of depending on rotation. We also generalize need based on what is required in other fields and what is the most economical. Annual fall fertilizing will be based on soil testing and will be conducted at:
    - Saddle Dam Field 1, 2, 3, 4 and 5
    - Bridge
    - Buncombe Hollow
    - Hamm 1, 2, 3, 4 and 5
    - Upper and Lower McKee
    - Pioneer
    - Upper and Lower Winter Creek
    - Rhododendron
    - Speelyai
    - Swift Warehouse
    - Reese Meadow

## 10.0 Orchard Management

### 10.1 Inspections

In 2022 PacifiCorp will be conducting the inspection on orchards:

- Rhododendron
- Reese Meadow
- Winter Creek
- Hamm Meadow 1
- Hamm Meadow 4
- Hamm Meadow 5

### 10.2 Management Actions

Dormant pruning is scheduled to occur at:

- Rhododendron
- Reese Meadow
- Winter Creek
- Hamm Meadow 1
- Hamm Meadow 4
- Hamm Meadow 5

Plantings will occur at:

- Winter Creek will have one apple tree (*Malus* spp.) replaced
- Hamm 4 will have two apple trees replaced
- Upper Hanley Curry will have two apple trees replaced

Vegetation control will occur at:

- Rhododendron
- Reese Meadow
- Winter Creek
- Hamm Meadow 1
- Hamm Meadow 4
- Hamm Meadow 5

Fall mowing will occur at Buncombe Hollow, Lower Hanley Curry, Upper Hanley Curry, and Speelyai orchards along with the same meadows between August 15<sup>th</sup> – 31<sup>st</sup> to maintain big game forage.

Supplemental watering will occur, as needed, in July, August, and September on trees that were planted within the last 3 to 4 years.

## 11.0 Transmission Line Right-of-Way Habitat Management



Figure 2. Scotch broom under ROW 2/1 – 3/1

### 11.1 Inspections

The annual inspection will be completed in 2022 and this inspection should be adequate to assess the post-treatment areas of 2021.

### 11.2 Management Actions

Transmission Line Right-of-Way (ROW) management actions that are scheduled to occur in 2022 include annual mowing at Speelyai 1/11-3/11, Woodland Park West (Speelyai 8/14-9/14), Wilkinson (Speelyai 5/15-7/15) and Lake 3/10-4/10 ROW forage areas. Soil testing and fertilization occurs every other year and will be required in 2022.

Noxious weed control treatments will occur at the following spans (Figure 1, Table 1). There may not be enough budget to cover all the areas, so the areas will be prioritized in the following order:

**Table 1: Noxious Weed Control Treatments on Transmission Lines**

<b>Transmission Line</b>	<b>Section</b>	<b>Treatment</b>	<b>Management Unit</b>
Cougar	2/1 – 6/1	CYSC, RUAR	25
Cougar	2/3 – 3/3	CYSC	21
Cougar	5/3 – 9/3	CYSC	21
Speelyai	4/1 – 11/1	CYSC, RUAR	21
Speelyai	5/2 – 8/2	CYSC, RUAR	20
Speelyai	7/5 – 1/6	PSME, ALRU	18
Speelyai	6/10	CYSC	7
Speelyai	7/12 – 1/13	CYSC	6
Speelyai	3/15 – 4/15	CIAR, ACMA	3

Beaver Bay (Speelyai Line 7/1-11/1) is a series of wetlands and springs beneath the line that are dominated with Himalayan blackberry. The Beaver-Cougar trail was completed in 2017 and allows access to the area. The trail has had extensive Himalayan blackberry treatment since trail completion. In 2022 we will return to the area and treat the area for Himalayan blackberry and Scotch broom. The hydrology will be assessed to determine the existing native vegetation and potential for it to reestablish from Himalayan blackberry areas.

Pollinator testing sites will continue to be monitored and seed mixes will continue to be a priority in 2022. All sites will be monitored for noxious weeds and treated as needed. The seeded pole replacement sites from 2020 and 2021 will be monitored in 2022.

## 12.0 Unique Area/Habitat Management

### 12.1 Inspections

The annual inspections will occur at oak stands 6-45a, 6-45b, 6-45c, 6-45d and 6-58.

### 12.2 Management Actions

Due to a concern by the TCC about low overall mast production on most oak stands on PacifiCorp property a new management strategy is being tested. Oak sites 5-1 and 5-2 are the first areas for treatment which started in 2020. To encourage further growth of naturally germinated seedlings, Plantskydd® has been used to treat selected seedlings while allowing others to continue to be browsed. The selected oak seedlings will continue to be treated once in spring and again in the fall for the next two years (ending in 2023). This will allow successful growth for future



generations of oaks while still allowing forage opportunity. PacifiCorp will track expense and success for the next several years and report to TCC the validity to continue for future management areas.



**Figure 3. Oak site 6-45 with several volunteer Douglas fir seedlings.**

Oak site 1-12 will be surveyed in 2022 to determine health of trees after they were determined to be struggling after the heat wave in June 2021. Figure 3 shows the volunteer Douglas fir seedlings that will be removed along with other shrubs crowding the oak seedling growth in oak site 6-45 (Figure 3).

Oak site 5-1 will be treated for Scotch broom.

## **13.0 Forestland Habitat Management**

### **13.1 Inspections**

The annual spring and fall timber harvest area (THA) inspections (i.e., reforestation inspections) will occur in 2022. Inspections and supervision will ensure implementation of harvest area maintenance practices, determining success of past practices and provide assurance that forestland management is meeting wildlife habitat objectives.

## 13.2 Management Actions

Forestland management in 2022 includes developing new areas of transitional forage for big game and maintaining areas of previous forest management to provide diverse cover and forage for a variety of wildlife in stands ranging from 1 to 60 years of age. Appendix C includes maps of the proposed areas. These areas are explained in more detail below.

### 13.2.1 2022 Proposed Forestland Practices

A total of 53.6 acres are proposed for even-age [clearcut (CC)] and 72.7 acres of commercial thinning (CT) in MUs 3, 6, and 35. These areas are described separately below and showing in Appendix C.

#### Management Unit 3

Management Unit 3 consists of 298.6 acres and is on the north side of Merwin Reservoir between Day and Indian George creeks. The current Cover:Forage (C:F) ratio is 77:23 and the WHMP recommended ratio is 50:50 (+ 5%), therefore the current management is not meeting objectives. Following the proposed 2022 timber harvest the C:F ratio is estimated to be 57:43. The final acreage may be adjusted to provide for riparian habitat or other special management areas. There are no known northern spotted owl (*Strix occidentalis*) circles within the THA boundaries of MU 3 or priority mature areas. The following harvest are proposed (Table 2).

**Table 2: Management Unit 3 Proposed Timber Harvest Areas**

THA Name	Current THA number	Former THA Number	Total Acres	Proposed Harvest	Vegetation Cover Types <sup>1</sup>
Annie Oakley	220309 CT	860309CC	28.2	Commercial Thin	P = 28.2
Calamity Jane	220328 CT	880328CC	13.1	Commercial Thin	P =13.1
<b>Total Commercial Thin acres</b>			<b>41.3</b>		<b>P=41.3</b>
Belle Starr	220334 CC	0503334CT	5.9	Clearcut	M-t=5.9
Mae West	220336 CC	NA	13.3	Clearcut	UM = 1.7 SH =0.1 MS = 11.5
<b>Total Clearcut Acres</b>			<b>19.2</b>		<b>UM = 1.7</b> <b>SH =0.1</b> <b>MS = 11.5</b> <b>M-t=5.9</b>
<b>Total Timber Harvest Acres</b>			<b>60.5</b>		

<sup>1</sup>Mid-Successional Conifer (MS) = Canopy cover consist of ≥70% conifer and the average stand diameter is 16"- 20" dbh. Even-aged stands with relatively uniform structure.

Mature Conifer (thinned) (M-t) = Canopy cover consist of ≥70% conifer, relatively uniform vertical and horizontal texture, the average stand diameter is 21"-26" dbh, and the stand has been thinned.

Pole Conifer (P) = Canopy cover consist of ≥70% conifer and the average stand diameter is 8"-15" dbh.

Shrubland (SH) = Less than 10% forested canopy coverage and ground cover consists of greater than 50% shrub species

Upland Mix (UM) = Canopy cover is greater than 30% and less than 70% conifer or deciduous forest, mixed forest with trees >10" dbh.



## Management Unit 6

Management Unit 6 is located at on the north side of Merwin Reservoir near the Speelyai Bay. The MU is a total of 282.5 acres and is mostly forested habitat. The current C:F ratio is 74:26 and the WHMP recommended ratio is 50:50 (+ 5%), therefore the current management is not meeting C:F objectives. Following the proposed 2022 timber harvest the C:F ratio is estimated to be 69:31. The final acreage may be adjusted to provide for riparian habitat or other special management areas. There are no known northern spotted owl circles within the THA boundaries of MU 6 or priority mature areas. The following harvest are proposed (Table 3).

**Table 3: Management Unit 6 Proposed Timber Harvest Areas**

THA Name	Current THA number	Former THA Number	Total Acres	Proposed Harvest	Vegetation Cover Types <sup>1</sup>
Jessie James	220646 CT	860646 CC	8.1	Commercially Thin	P-t = 8.1
Billy the Kid	220662 CT	8600662CC	14.9	Commercially Thin	P-t=14.9
Wild Bill Hickok	220633 CT	830633CC	6.7	Commercially Thin	P-t =6.7
Butch Cassidy	220621 CT	830621CC	1.7	Commercially Thin	P-t=1.7
<b>Total Commercial Thin acres</b>			<b>31.4</b>		<b>P-t= 31.4</b>
DB Cooper	220687CC	NA	8.7	Clearcut Harvest	MS= 1.9 P-t=4.8 M=2.0
<b>Total Timber Harvest Acres</b>			<b>40.1</b>		P-t=36.2 MS= 1.9 M=2.0

<sup>1</sup> Mid-Successional Conifer (MS) = Canopy cover consist of  $\geq 70\%$  conifer and the average stand diameter is 16"-20" dbh. Even-aged stands with relatively uniform structure.

Mature Conifer (M) = Canopy cover consist of  $\geq 70\%$  conifer, relatively uniform vertical and horizontal texture, and the average stand diameter is 21"-26" dbh,

Pole Conifer (P-t) = Canopy cover consist of  $\geq 70\%$  conifer and the average stand diameter is 8"-15" dbh. Stand has been thinned.

P-t should be identified as P because these stands have only been pre-commercially thinned and not commercially thinned. This is an error in the vegetation cover typing GIS data base that will be corrected to only apply to stands that have been commercially thinned. This was recently discovered and for MU 6 does not affect C:F ratio.

## Management Unit 35

MU 35 on the north side of Swift Reservoir and was acquired in 2012. The MU is a total of 799 acres and the most common vegetation cover type is pole (P) which comprises 85% of the cover types. The current C:F ratio is 94:6 and the recommended C:F ratio is 70:30 (+ 5%), therefore the current management is not meeting C:F objectives. Following the proposed 2022 timber harvest the C:F ratio is estimated to be 90:10. The final timber harvest acreage may be adjusted to provide for riparian or wetland habitat or other special management areas. There are no known northern spotted owl circles within the THA boundaries of MU 35 or priority mature areas. The following harvest are proposed (Table 4).

**Table 4: Management Unit 35 Proposed Timber Harvest Areas**

THA Name	Current THA number	Former THA Number	Total Acres	Proposed Harvest	Vegetation Cover Types <sup>1</sup>
Loco	223502CC	None	7.1	Clearcut	P = 7.1
Target	223503CC	None	5.7	Clearcut	P=5.7
Bad Jim	223504CC	None	4.5	Clearcut	P=4.5
Diablo	223505CC	None	8.3	Clearcut	P=8.3
<b>Total Commercial Thin acres</b>			<b>0.0</b>		P=25.6
<b>Total Clearcut Harvest acres</b>			<b>25.6</b>		
<b>Total Timber Harvest Acres</b>			<b>25.6</b>		

<sup>1</sup> Pole Conifer (P) = Canopy cover consist of  $\geq 70\%$  conifer and the average stand diameter is 8"-15" dbh.

### 13.2.2 2023 Forestland Planning

Forestland planning in 2022 will continue pre-cut surveys for both the 2022 and 2023 proposed forest plan areas and developing forest plans for near future (Table 5). The TCC will be provided site visits for forest management proposed in Management Unit 3, 6, and 35, if COVID-19 restriction will allow.

PacifiCorp continues to update the Geographic Information System (GIS) data and C:F model to ensure compliance with the WHMP plans. In 2018 the Lewis River WHMP Lands Timber Harvest and Silviculture Planning memo was created to provide guidelines and schedules for actions associated with reforestation inspection, replanting, silviculture, and timber harvest to meet WHMP habitat goals and objectives and to effectively manage future budgets and workloads.

Table 5 provides a list of the MUs that will be considered for timber harvest in the next 2 years. These MUs were selected by their current C:F ratio compared to the C:F goal for that MU, years since last harvest, and whether or not some current THAs are ready for commercial thinning. This year MU 18, 20, and 28 will be planned for harvest in 2023 and the MU 5, 7, and 8 will be evaluated for future proposed timber harvest.

**Table 5: Management units proposed for future timber harvest.**

Management Unit	Total Acres	C:F Ratio	C:F Ratio Objective based on WHMP	Meets 5% permanent forage (Y/N)	Potential Harvest Schedule
28	153.81	95:5	50:50	N	2023
18	417.33	63:27	50:50	Y	2023
20	934.7	89:11	60:40	Y	2023
5	360.5	68:32	60:40	N	2024
7	526.7	79:21	50:50	Y	2024
8	279.0	82:18	55:45	Y	2024

### 13.2.3 First Precut Survey

First pre-cut surveys will also be conducted for 2023 THA's in MU 18, 20 and 28.

### 13.2.4 Harvest Area Traverse and Geographic Information System Update

The 2022 THAs will be updated in the GIS database following TCC approval of the proposed plans and the completion of the timber harvests. Field work will be completed for the vegetation cover types and stream surveys as necessary and will be entered into the GIS database.

### 13.2.4 Second Precut Survey

The second precut survey for the 2022 timber harvests will be completed in the early summer following, if possible, TCC review of the sites. Forestry Appendix C maps show the 2022 timber harvest areas delineated boundaries, roads, riparian and wetland buffers. These surveys will ensure that compliance is maintained with resource plans and special habitat components including large woody debris (LWD) and leave tree areas are protected.

### 13.2.5 Terrestrial Coordination Committee

The 2022 proposed THAs will be reviewed by the TCC in an onsite meeting, if possible, with COVID-19 restrictions. The TCC will receive regular updates and coordination throughout 2022 regarding forestland activities.

### 13.2.6 Timber Harvest Area Inspections

A biologist and/or forester will conduct weekly inspections during the logging operations to ensure that the operations are compliant with WHMP best management practices, contract conditions, State Forest Practices Act, and industry standards.

### 13.2.7 Regeneration Practices

Regeneration practices include management actions that promote tree regeneration following timber harvests and maintaining or establishing big game forage and cover. The 2022 clearcut timber harvest areas will be site prepped for forage seeding and tree planting by piling residual slash and site prepping soils with a tractor mounted brush blade. Tree planting, vegetation control and pre-commercial thinning practices are described in the following sections.

#### Planting and Maintenance:

The 2022 planting and seedling maintenance activities will include planting the 2019 and 2021 timber harvest area (MU 10 and 40) as shown in Table 6 and locations are mapped in Appendix D.

**Table 6: 2022 Tree Planting**

Harvest Area	Acres	Action
211011 CC	8.06	Plant 2400 PSME, 400 THPL, 25 CONU, 25 ACMA, 25 POTR, 25 PREM
211012 CC	11.2	Plant 3300 PSME, 550 THPL, 25 CONU, 25 ACMA, 25 POTR, 25 PREM
211013 CC	12.4	Plant 3600 PSME, 600 THPL, 30 CONU, 30 ACMA, 30 POTR, 30 PREM
194030 CC	57.8	Interplant 4600 PSME, 2200 ABPR, 700 PIMO
194031 CC	33.9	Interplant 3000 PSME, 1000 ABPR, 500 PIMO
194032 CC	24.8	Interplant 2300 PSME, 800 ABPR, 200 PIMO
Total Acres	<b>148.2</b>	19,200 PSME; 1550 THPL; 4000 ABPR; 1400 PIMO; 80 CONU; 80 ACMA; 80 POTR; 90 PREM

**Seedling Maintenance:**

To reduce moisture competition between tree seedlings and the grass forage mix, the existing grasses are killed by using a pre-emergent herbicide, such as Sulfometuron (Oust<sup>®</sup>) or Surflan (for western red cedar) with glyphosate, which is sprayed in an 18-inch radius around all seedlings. All timber harvest areas that require treatment are listed in Table 7 and locations are identified in Appendix D. Spring surveys may identify additional THA's requiring additional vegetation control.

**Table 7: 2022 seedling maintenance for moisture control (pre-emergent spraying)**

Timber Harvest Area	Total Acres	Action
170111 CC	5.0	Retube THPL seedlings missing Vexar or Protex Tubing. Remove Protex tube or move vexar tubing up as needed. Replace bamboo stakes where needed.
170112 CC	23.9	Retube THPL seedlings missing Vexar or Protex Tubing. Remove Protex tube or move vexar tubing up as needed. Replace bamboo stakes where needed.
160335 CC	13.1	Retube THPL seedlings missing Vexar or Protex Tubing. Remove Protex tube or move vexar tubing up as needed. Replace bamboo stakes where needed. Clear vegetation within 1 foot of THPL.
170776 CC	1.3	Retube THPL seedlings missing Vexar or Protex Tubing. Remove Protex tube or move vexar tubing up as needed. Replace bamboo stakes where needed.
200938 CC	8.3	Retube THPL seedlings missing Vexar or Protex Tubing. Remove Protex tube or move vexar tubing up as needed. Replace bamboo stakes where needed. Apply Pendulum and Oust.
211011 CC	7.4	Tube THPL with Vexar. Apply Pendulum and Oust.
211012 CC	12.4	Tube THPL with Vexar. Apply Pendulum and Oust.
211013 CC	11.6	Tube THPL with Vexar. Apply Pendulum and Oust.
101127 CC	12.4	Retube THPL seedlings missing Vexar or Protex Tubing. Remove Protex tube or move vexar tubing up as needed. Replace bamboo stakes where needed.
171401 CC	23.0	Retube THPL seedlings missing Vexar or Protex Tubing. Remove Protex tube or move vexar tubing up as needed. Replace bamboo stakes where needed.
181551 CC	10.0	Retube THPL seedlings missing Vexar or Protex Tubing. Remove Protex tube or move vexar tubing up as needed. Replace bamboo stakes where needed.

**Table 7: 2022 seedling maintenance for moisture control (controlled)**

Timber Harvest Area	Total Acres	Action
181552 CT	1.5	Retube THPL seedlings missing Vexar or Protex Tubing. Remove Protex tube or move vexar tubing up as needed. Replace bamboo stakes where needed.
101801 CC	26.9	Retube THPL seedlings missing Protex Tubing. Remove Protex tube if leader is within 6 inches of top of tube. Replace bamboo stakes where needed.
161904 CC	9.8	Retube THPL seedlings missing Vexar or Protex Tubing. Remove Protex tube or move vexar tubing up as needed. Replace bamboo stakes where needed.
161908 CT	4.1	Retube THPL seedlings missing Vexar or Protex Tubing. Remove Protex tube or move vexar tubing up as needed. Replace bamboo stakes where needed.
<b>Total</b>	<b>170.7</b>	

**Invasive Plant Control:**

Invasive plant species and competing vegetation are controlled as necessary to maintain and promote big game forage, maintain access, and to reduce seedling competition. Treatments may include both chemical and manual methods. Because weather can be a limiting factor in completing all vegetation control treatments, priorities from 1 to 4 (1 being the highest priority) have been assigned to each treatment. Of the total 781.3 acres assigned for treatment a total of 20 THAs or 303.7 acres are priority 1, 11 THAs or 232.7 acres are priority 2, 9 THAs or 187.1 are priority 3, and 2 THAs or 57.8 are priority 4. Himalayan blackberry and scotch broom are the primary target species in all but 2 of the 41 treatments. The acres listed are those of the THAs and not necessarily the amount of area to be treated, which is much less. All timber harvest areas that may have vegetation control in 2022 are listed in Table 8 and locations are identified in Appendix E.

**Table 8: 2022 THA vegetation control treatments**

Timber Harvest Area	Timber Harvest Acres	Target Species (spray priority) <sup>1</sup>	Overall Priority
020110 CC	10.2	Spray CYSC, Spray RUAR	3
170107 CT	8.4	Spray RUAR	2
170111 CC	4.9	Spray RUAR, CYSC, ALRU	1
170112 CC	23.9	Spray RUAR, CYSC, ALRU	1
200234 CT	22.1	Spray CYSC, PHAM, RUAR	1
030447 CC	24.6	Spray RUAR	3
130450 CC	14.9	Spray BUDA, RUAR	1
150520 CT	30.4	Spray RUAR, CYSC, ALRU	2
050770 CC	24.8	Spray RUAR	2
050771 CC	2.3	Spray PHAR	3

**Table 8: 2022 THA vegetation control treatments (continued)**

<b>Timber Harvest Area</b>	<b>Timber Harvest Acres</b>	<b>Target Species (spray priority)</b>	<b>Overall Priority</b>
160773 CC	26.5	Spray BUDA, PTAQ	3
170776 CC	1.3	Spray RUAR, CYSC	1
980836 CC	9.8	Spray RUAR	3
200938 CC	8.3	Spray RUAR, ALRU	1
200944 CT	21.8	Spray CYSC, RUAR	1
141007 CC	22.7	Spray RUAR, CYSC, ALRU	1
141008 CC	8.6	Spray RUAR, CYSC, ALRU	1
141009 CC	24.8	Spray PHAR	3
141010 CT	4.0	Spray RUAR, CYSC, ALRU	1
021236 CC	18.4	Spray RUAR	4
891535 CC	22.3	Spray RUAR, PHAR	1
181548 CT	25.1	Spray RUAR, ALRU	2
181549 CC	11.0	Spray RUAR, ALRU	1
921632 CC	4.4	Spray RUAR	1
991701 CC	25.9	Spray RUAR, CYSC	1
091703 CC	22.5	Spray RUAR, PHAM	2
091705 CC	11.2	Spray RUAR	3
101708 CC	2.8	Spray CYSC, RUAR, PHAR	1
161905 CT	10.1	Spray CYSC, RUAR, ALRU	1
161906 CT	6.1	Spray RUAR	2
161907 CT	5.0	Spray RUAR, CYSC	2
161908 CT	4.1	Spray RULA, RUAR, CYSC	2
192701 CC	19.6	Spray CYSC, ALRU	1
192702 CT	7.3	Spray CYSC, ALRU	1
063309 CC	43.4	Spray CYSC	3
043762 CC	29.0	Spray CYSC, ALRU	2
033804 CC	61.9	Spray CYSC, RUAR, ALRU, LALA	1
053801 CC	34.3	Spray CYSC, LALA, PTAQ	3
053802 CC	52.5	Spray RUAR	2
163806 CC	5.9	Spray CYSC, ALRU, RUAR	1
143961 CC	39.4	Spray CYSC	4
194032 CC	24.8	Spray CYSC	2
<b>Total</b>	<b>781.3</b>		

<sup>1</sup> Species Codes ALRU = Red alder, BUDA=butterfly bush, CYSC=Scotch broom, LALA = Perennial Pea, PHAR=reed canarygrass, PHAM=Pokeweed, and PTAQ= western brackenfern

#### Pre-commercial Thinning and Pruning:

Pre-commercial thinning (PCT) and/or pruning is conducted on timber harvest areas that are generally less than 5 -7 feet in height and are required to maintain big game forage. All 2022 pre-commercial thinning is listed in Table 9 and locations are identified in Appendix D.

There is a total of 10 THAs or 308.3 acres proposed for pre-commercial thinning treatments in 2022. Consistent with the prioritization used for vegetation control, priorities are also established for these treatments to ensure the more important areas are completed this year. There are 97 acres of high priority (1) PCT acres, 130.1 acres of moderately high priority (2) PCT acres, 79.4 acres of priority 3 PCT acres, and 1.8 acres of priority 4. It is expected that all of the PCT treatments will be completed in 2022.

Where thinning THA's includes an area designated as riparian buffer, the buffers are measured and flagged, and alternative thinning practices are conducted in the buffers to encourage fewer conifers per acre with higher frequency of hardwoods and shrubs to match riparian objectives (larger diameter conifer and diverse structure). Red alder thickets within timber harvest area may be thinned to allow individual alders to be released. Red alders that are not directly competing with planted trees can be retained to promote diversity within the timber harvest area.

**Table 9: 2022 Pre-commercial Thinning and pruning treatments**

<b>Timber Harvest Area</b>	<b>Acres</b>	<b>Priority</b>	<b>PCT</b>	<b>Hack &amp; Squirt</b>	<b>Prune</b>	<b>THA includes Riparian Buffer</b>
113319 CC	1.8	4	X			Y
063309 CC	43.4	3	X			Y
124010 CC	38.8	1	X			Y
124011 CC	28.2	1	X			Y
124012 CC	30.0	1	X			Y
124013 CC	30.7	2	X			Y
124014 CC	2.8	2	X			
124015 CC	45.5	2	X			
124018 CC	51.1	2	X			Y
124020 CC	36.0	3	X			Y
<b>TOTAL</b>	<b>308.3</b>					



## 14.0 Invasive Plant Species Management

### 14.1 Prevention

No management actions are required for prevention in 2022.

### 14.2 Detection

As the 2022 Washington State and County noxious weed lists become available, they will be included in the list of target invasive plant species on Lewis River WHMP lands.

### 14.3 Treatment

Several areas have been identified for invasive plant species treatment and are discussed in their corresponding habitat management sections (i.e., Forestland Management, Farmland, Idle Areas, and Meadows Management, Unique Areas, Wetland Management, Orchard Management, and Transmission Line Right-of-Way Management). It is assumed that an additional 30.0 ac of upland habitat and 5.0 ac within the ordinary high-water mark will have invasive plant species treated in 2022. This would include unidentified infestations that need immediate treatment or areas that do not directly fall under a habitat management area, such as roads, recreation sites, and secondary management areas and treated in 2022. Appendix E is a map laying out our treatment plan.

Areas on PacifiCorp property identified with Knotweed (*Fallopia japonica*) during the large scale 2018 surveys on the reservoirs and Lewis River will be treated again for the fourth and final year.

**Table 10: 2022 Invasive Plant Species Control Treatment Sites**

Area	Target Species (Classification) <sup>1</sup>	Area Treated	Control Method
Cresap Campground	GELU (B)	0.3 ac	Chemical
Speelyai Road and Day Use Area	GELU (B), ALPE (A)	0.2 ac	Chemical
Merwin Boat Ramp	IMGL (B)	0.2 ac	Chemical
Swift Warehouse	CYSC (B)	0.5 ac	Chemical
DI and UM area south of 101708CC in MU 17	CYSC (B), RUAR (C)	0.2 ac	Chemical

<sup>1</sup>Noxious Weed Classification = (A) = Class A, (B) = Class B, (Bd) = Class B designated region 8, (C) = Class C

### 14.4 Monitoring

Most of the areas that were treated for invasive plant species will be monitored during other annually scheduled WHMP inspections. For example: reed canarygrass sprayed at Frasier Creek can be evaluated for success during the wetland inspection or roads and THAs will be evaluated during the spring timber harvest area inspection. However, areas that are not regularly inspected and/or inspections occur too late in the season to effectively monitor will be evaluated in 2022. Table 10 lists the areas that will be monitored in 2022.

Kings Landing property line will be inspected and treated in 2022 for noxious weed encroachment.

## **15.0 Raptor Site Management**

### **15.1 Monitoring**

The aerial bald eagle and the osprey nest surveys will occur twice in 2022.

#### **Bald Eagle**

The trash rack on Merwin Dam is being replaced spring 2022. U. S. Fish and Wildlife Service approved PacifiCorp proposed efforts to monitor the bald eagle nest during construction activity within buffer and monitor any relevant disturbance to the nest. If disturbance is noted, work will stop immediately and USFWS will be contacted for remedial action.

#### **Northern Goshawk**

The proposed timber harvest areas for 2022 and 2023 requiring surveys will be in MUs 3, 6, 18, 20, 28 and 35. Broadcast acoustical surveys for northern goshawks (*Accipiter gentilis*) will be conducted for the second season in MU 3 and 6. Management Unit 35 timber harvest areas was determined to not require surveys in compliance with the 2015 NOGO Memo. The proposed timber harvest areas for 2023 will be in MU 18, 20 and 28. These units will be evaluated and broadcast acoustical surveyed, if required.

### **15.2 Habitat Enhancement**

The Bald Eagle Management Plan will be revised to include new nest and territories for 2022.

### **15.3 Best Management Practices**

Best management practices for general raptors, northern spotted owls, and bald eagles will be implemented per the WHMP.

## **16.0 Public Access Management**

### **16.1 Inspections**

The annual road closure and trail inspections will be completed per the WHMP.

### **16.2 Management Actions**

It is anticipated that at least two sites will require unauthorized motorized vehicle access to be controlled in 2022. Additional sites for gating or blocking roads will be selected based on the annual surveys or as needed and will be dependent on available resources (e.g., budget), severity of trespass, and feasibility.

No Trail Maintenance signs will be installed in MU 12 where mountain biking trails were discovered in 2021.

Management Unit 6 has ongoing all-terrain vehicles (ATV) trespass issues. In 2020, PacifiCorp installed a four-strand wildlife friendly fencing along Speelyai Road. The fence has been successful in preventing ATV trespass and will continue to be monitored in 2022.

In 2019 illegal trails were detected in Management Unit 17 built and maintained by neighboring landowners. The trails were originally minimal leading to Saddle Dam Trail, but they have been expanded and includes several trails to several landowners. Landowners were contacted and told to discontinue maintaining the trails. Only one trail continues to be an issue and maintained in 2021. In 2022 the trails will continue to be monitored to determine if more action is required to reduce impact to the area. No trail maintenance signs will be posted along the trail.

PacifiCorp will continue to provide a georeferenced hunting map to the public accessible on the PacifiCorp website.

PacifiCorp biologists will continue to coordinate with the recreation manager on the trail development as required in the Settlement Agreement.

## 17.0 Monitoring



**Figure 4. Aerial view of MU 34 shrubland enclosure, surrounding shrubs, and 183403CC**

PacifiCorp will continue to monitor exclosures established in 2014 in MU 25, 28 and 33 to examine forage seeding and natural shrub regeneration in the absence of herbivory (Habitat Enhancement Monitoring Project, HRMP). PacifiCorp will conduct long term monitoring of the forage by checking the exclosures twice per year over the next 7 years. PacifiCorp will also be monitoring the installed shrubland exclosures and the Grass/Legume Seed Germination (GLSG) test plot (Appendix F) for the fourth of 6 years of monitoring (Marble Mountain Forage Enrichment and Effective Monitoring, MMFEEM). Monitoring will determine preferred forage species so that adjustments can be made in future projects and to determine effects of scarification techniques on the re-establishment of native shrubs. Without exclosures, the herbivory effects are so intense and widespread it is difficult to determine if a species is absent due to preferred selection or unsuccessful due to site conditions. Monitoring will be an ocular inspection and record of observed plants both within and outside exclosures as well as noting forage use.

## 18.0 References

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**APPENDIX A**  
**2022 BUDGET**

**WHMP Lands Project Tracking 2022**

PROJECT DETAILS								Project Completion				Costs		Tracking Information
Budget Category	Task Category	Task Description	Location	Priority	Date Work is to begin	Date Work to be completed	Assignee	Date work Began	Date work completed	% Complete	Comments	Budget Costs	Actual Costs	Charging Instructions
Administration	Annual Plan	Prepare 2023 report	WHMP Lands	Annual Plan	1/1/2022	12/31/2022	Chilton Logging & PacifiCorp			0%		\$15,000.00	\$0.00	100% ILR-WHMPADM
Administration	Annual Report	Prepare 2022 Report	WHMP Lands	Annual Plan	1/1/2022	12/31/2022	Chilton Logging & PacifiCorp			0%		\$15,000.00	\$0.00	100% ILR-WHMPADM
Administration	Terrestrial Coordination Committee	Preparation, attendance and coordination with the Terrestrial Coordination Committee	WHMP Lands	Annual Plan	1/1/2022	12/31/2022	PacifiCorp			0%		\$25,000.00	\$0.00	100% ILR-WHMPADM
Administration	WHMP Coordination	Budget, Contractor Meetings, etc.	WHMP Lands	Annual Plan	1/1/2022	12/31/2022	Chilton Logging, PacifiCorp, and Wildlife Habitat	01/01/22		15%		\$25,000.00	\$440.67	100% ILR-WHMPADM
Farmland, Idle Fields, and Meadow	Access Disturbance Reduction	Fertilizing Vegetation Screen	WHMP Lands	Optional WHMP Task	9/1/2022	10/15/2022	Paul Harmon			0%		\$0.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Access Disturbance Reduction	Supplemental Watering	TBD	Non Annual Plan Task	5/1/2022	8/31/2022	PacifiCorp & Wildlife Habitat Management Inc			0%		\$0.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Access Disturbance Reduction	Animal Damage Control	WHMP Lands	Optional WHMP Task	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Fertilization and Lime	Fall Fertilization	WHMP Lands	Annual Plan	9/1/2022	10/15/2022	Paul Harmon & PacifiCorp			0%		\$15,000.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Fertilization and Lime	Spring Fertilization	WHMP Lands	Optional WHMP Task	2/1/2022	3/15/2022	Paul Harmon & PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Fertilization and Lime	Lime Application	WHMP Lands	Optional WHMP Task	3/1/2022	11/30/2022	Paul Harmon & PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Field Restoration	Invasive Plant Control - Tansy Ragwort and St. Johnswort	MU 10- Frasier Pond Meadow	Annual Plan	1/1/2022	5/31/2022	Wildlife Habitat Management Inc.	01/10/22		0%		\$1,200.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Field Restoration	Invasive Plant Control - tansy ragwort, St. Johnswort, oxeye daisy and reed canarygrass	MU 10- Saddle Mountain	Annual Plan	1/1/2022	5/31/2022	Wildlife Habitat Management Inc.	01/10/22		0%		\$1,200.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Field Restoration	Invasive Plant Control - Himalayan blackberry and tansy ragwort	MU 25 Rhododendron Meadow	Annual Plan	1/1/2022	5/31/2022	Wildlife Habitat Management Inc.	01/10/22		0%		\$1,200.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Field Restoration	Invasive Plant Control - scotch broom	MU 25 Swift Warehouse Meadow	Annual Plan	1/1/2022	5/31/2022	Wildlife Habitat Management Inc.	01/10/22		0%		\$1,200.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Field Restoration	Invasive Plant Control - Canada thistle	MU 10 Saddle Dam Field 1	Annual Plan	1/1/2022	5/31/2022	Wildlife Habitat Management Inc.	01/10/22		0%		\$1,200.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Field Restoration	Invasive Plant Control - Canada thistle and reed canarygrass	Mohawk Meadow	Annual Plan	1/1/2022	5/31/2022	Wildlife Habitat Management Inc.	01/10/22		0%		\$1,200.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Field Restoration	Invasive Plant Control - snowberry	MU 15 - Buncombe Hollow	Annual Plan	1/1/2022	5/31/2022	Wildlife Habitat Management Inc.	01/10/22		0%		\$1,200.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Field Restoration	Invasive Plant Control - Scotch broom, Canada thistle, tansy ragwort, and English hawthorn	Mu 10 Idle fields 1/5 and 3/4	Annual Plan	1/1/2022	5/31/2022	Wildlife Habitat Management Inc.	01/10/22		0%		\$1,200.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Field Restoration	Invasive Plant Control - Canada Thistle	MU 7-Osprey	Annual Plan	1/1/2022	5/31/2022	Wildlife Habitat Management Inc.			0%		\$1,200.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Field Restoration	Soil Testing the year before tilled	WHMP Lands	Optional WHMP Task	8/1/2022	8/31/2022	Paul Harmon & PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Field Restoration	Soil testing the season before tilled	WHMP Lands	Optional WHMP Task	2/1/2022	2/28/2022	Paul Harmon & PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Field Restoration	Lime Application	WHMP Lands	Optional WHMP Task	9/1/2022	10/31/2022	Paul Harmon & PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Field Restoration	Herbicide Application Treatment	WHMP Lands	Optional WHMP Task	3/1/2022	4/15/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Field Restoration	Cultivation	WHMP Lands	Optional WHMP Task	3/6/2022	4/30/2022	Paul Harmon			0%		\$0.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Field Restoration	Fertilization	WHMP Lands	Optional WHMP Task	3/6/2022	4/30/2022	Paul Harmon			0%		\$0.00	\$0.00	100% ILR-WHMPFARM



PROJECT DETAILS								Project Completion				Costs		Tracking Information
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Farmland, Idle Fields, and Meadow	Field Restoration	Seeding/Planting	WHMP Lands	Optional WHMP Task	3/6/2022	4/30/2022	Paul Harmon			0%		\$0.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Field Restoration	Top Seeding	WHMP Lands	Optional WHMP Task	4/1/2022	5/15/2022	Paul Harmon			0%		\$0.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Inspection	Annual Spring Inspection	WHMP Lands	Annual Plan	4/15/2022	5/31/2022	PacifiCorp			0%		\$8,500.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Inspection	5-year Passively Managed Area Inspection	WHMP Lands	Annual Plan	4/15/2025	5/31/2025	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Inspection	Annual Fall Inspections	WHMP Lands	Annual Plan	10/1/2022	10/15/2022	PacifiCorp			0%		\$3,000.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Mowing	Clearing: remove down trees or anything that would be a hazard	TBD	Non Annual Plan Task	4/1/2022	4/30/2022	Wildlife Habitat Management Inc.			0%		\$1,500.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Mowing	Spring Mowing/Hay Harvest	WHMP Lands	Annual Plan	5/15/2022	6/15/2022	Paul Harmon			0%		\$12,000.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Mowing	Fall Mowing/ Hay Harvest	WHMP Lands	Annual Plan	8/15/2022	8/31/2022	Paul Harmon & PacifiCorp			0%		\$17,000.00	\$0.00	100% ILR-WHMPFARM
Farmland, Idle Fields, and Meadow	Soil Testing	Soil Testing	WHMP Lands	Annual Plan	8/1/2022	8/31/2022	Paul Harmon & PacifiCorp			0%		\$1,500.00	\$0.00	100% ILR-WHMPFARM
Invasive Plant Species	Inspection	Pre-ground Disturbance Evaluation	WHMP Lands	Annual Plan	5/1/2022	8/31/2022	PacifiCorp			0%		\$500.00	\$0.00	100% ILR-WHMPINVA
Invasive Plant Species	Inspection	Post-Ground Disturbance Evaluation	WHMP Lands	Annual Plan	5/1/2022	8/31/2022	PacifiCorp			0%		\$500.00	\$0.00	100% ILR-WHMPINVA
Invasive Plant Species	Inspection	Optional Inspection	WHMP Lands	Annual Plan	1/1/2022	12/31/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPINVA
Invasive Plant Species	Monitoring	Update State and County Noxious Weed list	WHMP Lands	Annual Plan	1/1/2022	3/31/2022	PacifiCorp			0%		\$500.00	\$0.00	100% ILR-WHMPINVA
Invasive Plant Species	Monitoring	Monitoring	WHMP Lands	Annual Plan	5/1/2022	11/30/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPINVA
Invasive Plant Species	Monitoring	Control Treatments- Himalayan blackberry and scotch broom	DI and UM area south of 101708CC in MU 17	Annual Plan	1/1/2022	5/15/2022	PacifiCorp & Wildlife Habitat Management Inc			0%		\$1,500.00	\$0.00	100% ILR-WHMPINVA
Invasive Plant Species	Monitoring	Control Treatments- Scotch Broom	Swift Warehouse	Annual Plan	1/1/2022	5/15/2022	PacifiCorp & Wildlife Habitat Management Inc			0%		\$1,500.00	\$0.00	100% ILR-WHMPINVA
Invasive Plant Species	Monitoring	Control Treatments- Police Helmet	Merwin Boat Ramp	Annual Plan	1/1/2022	5/15/2022	PacifiCorp & Wildlife Habitat Management Inc			0%		\$1,500.00	\$0.00	100% ILR-WHMPINVA
Invasive Plant Species	Monitoring	Control Treatments- Garlic Mustard and Shiny geranium	Speelyai Road	Annual Plan	1/1/2022	5/15/2022	PacifiCorp & Wildlife Habitat Management Inc			0%		\$1,500.00	\$0.00	100% ILR-WHMPINVA
Invasive Plant Species	Monitoring	Control Treatments- Shiny geranium	Cresap Campground	Annual Plan	1/1/2022	5/15/2022	PacifiCorp & Wildlife Habitat Management Inc			0%		\$1,500.00	\$0.00	100% ILR-WHMPINVA
Invasive Plant Species	Monitoring	Control Treatments within Ordinary High Water Mark	WHMP Lands	Annual Plan	8/1/2022	10/15/2022	PacifiCorp & Wildlife Habitat Management Inc			0%		\$1,500.00	\$0.00	100% ILR-WHMPINVA
Monitoring	HEP	Hep Target Year 17 (2025)	WHMP Lands	Target Year 17	1/1/2022	12/31/2022	PacifiCorp			0%		\$0.00	\$0.00	100 % ILR-WHMPMON
Monitoring	Inspections	RMEF enclosure installation and monitoring	WHMP Lands	Annual Plan	1/1/2022	12/31/2022	PacifiCorp			0%		\$7,000.00	\$0.00	100 % ILR-WHMPMON
Monitoring	Inspections	GLSP installation and monitoring	MU 39	Non Annual Plan Task	1/1/2022	12/31/2022	PacifiCorp & Wildlife Habitat Management Inc			0%		\$3,000.00	\$0.00	100 % ILR-WHMPMON
Monitoring	Inspections	Habitat and Plan-wide Goal Monitoring	WHMP Lands	Optional WHMP Task	1/1/2022	12/31/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPFARM
Old-growth	Connectivity	Mature Stand Connectivity Evaluation	WHMP Lands	Annual Plan	4/15/2022	7/15/2022	PacifiCorp			0%		\$500.00	\$0.00	100% ILR-WHMPOLD
Old-growth	Development	Snag Development	WHMP Lands	Optional WHMP Task	9/1/2022	2/28/2023	PacifiCorp & Wildlife Habitat Management Inc			0%		\$0.00	\$0.00	100% ILR-WHMPOLD

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Budget Category	Task Category	Task Description	Location	Priority	Date Work is to begin	Date Work to be completed	Assignee	Date work Began	Date work completed	% Complete	Comments	Budget Costs	Actual Costs	Charging Instructions
Old-growth	Development	Thinning	WHMP Lands	Optional WHMP Task	9/1/2022	2/28/2023	Chilton Logging, PacifiCorp, and Wildlife Habitat			0%		\$0.00	\$0.00	100% ILR-WHMPOLD
Old-growth	Development	Large Woody Debris Placement	WHMP Lands	Optional WHMP Task	9/1/2022	2/28/2023	Chilton Logging & PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPOLD
Old-growth	Old-Growth Inspection	Annual Aerial Surveys	PacifiCorp Owned lands	Annual Plan	1/1/2022	12/31/2022	PacifiCorp			0%	This occur during the bald eagle and osprey flights. No budget since it covered under Raptor.	\$0.00	\$0.00	100% ILR-WHMPOLD
Old-growth	Old-Growth Inspection	Ground Surveys	PacifiCorp Owned lands	Optional WHMP Task	1/1/2022	12/31/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPOLD
Orchards	Big Game Forage	Soil Testing	WHMP Lands	Optional WHMP Task	8/1/2022	8/31/2022	Paul Harmon			0%		\$0.00	\$0.00	100% ILR-WHMPORCH
Orchards	Big Game Forage	Fertilizing	WHMP Lands	Optional WHMP Task	9/1/2022	10/15/2022	Paul Harmon			0%		\$0.00	\$0.00	100% ILR-WHMPORCH
Orchards	Big Game Forage	Grass seeding (Spring)	WHMP Lands	Optional WHMP Task	4/1/2022	5/15/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPORCH
Orchards	Big Game Forage	Grass seeding (Fall)	WHMP Lands	Optional WHMP Task	9/15/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPORCH
Orchards	Inspections	Annual Winter Inspection	MU 17 and 25	Annual Plan	1/1/2022	3/31/2022	PacifiCorp			0%	Scheduled to occur at Hamm 1, 4, 5, Rhododendron, Reese, and Winter	\$1,500.00	\$0.00	100% ILR-WHMPORCH
Orchards	Inspections	Annual Summer Inspection	TBD	Annual Plan	7/1/2022	9/15/2022	PacifiCorp			0%		\$1,500.00	\$0.00	100% ILR-WHMPORCH
Orchards	Inspections	Optional Inspection	WHMP Lands	Optional WHMP Task	1/1/2022	12/31/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPORCH
Orchards	Inspections	5-year Inspection	WHMP Lands	Optional WHMP Task	7/1/2023	8/31/2023	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPORCH
Orchards	Miscellaneous	PacifiCorp Renewable Employee time that can not be assigned to task	PacifiCorp Owned lands	Non Annual Plan Task	1/1/2022	12/31/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPORCH
Orchards	Other Orchard Management	Orchard Tree Fertilizing	WHMP Lands	Optional WHMP Task	4/1/2022	5/31/2022	Paul Harmon			0%		\$0.00	\$0.00	100% ILR-WHMPORCH
Orchards	Other Orchard Management	Pest Control	WHMP Lands	Optional WHMP Task	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPORCH
Orchards	Other Orchard Management	Animal Damage Control	WHMP Lands	Optional WHMP Task	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPORCH
Orchards	Other Orchard Management	Supplemental Watering	TBD	Optional WHMP Task	7/15/2022	9/30/2022	Wildlife Habitat Management Inc.			0%		\$1,500.00	\$0.00	100% ILR-WHMPORCH
Orchards	Plantings	Replacement Planting	Winter Creek	Annual Plan	2/1/2022	3/31/2022	PacifiCorp & Wildlife Habitat Management Inc			0%	1 tree	\$1,000.00	\$0.00	100% ILR-WHMPORCH
Orchards	Plantings	Replacement Planting	Upper Hanley-Curry	Annual Plan	2/1/2022	5/31/2022	Wildlife Habitat Management Inc.			0%	two apples	\$1,000.00	\$0.00	100% ILR-WHMPORCH
Orchards	Plantings	Replacement Planting	Hamm 4	Annual Plan	2/1/2022	5/31/2022	Wildlife Habitat Management Inc.			0%	two apples	\$1,000.00	\$0.00	100% ILR-WHMPORCH
Orchards	Plantings	New Planting Inspection	WHMP Lands	Optional WHMP Task	7/1/2022	9/15/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPORCH
Orchards	Pruning	Dormant Pruning	MU 17 and 25	Annual Plan	2/15/2022	3/31/2022	Wildlife Habitat Management Inc.			0%	Scheduled to occur at Hamm 1, 4, 5, Rhododendron, Reese, and Winter	\$2,500.00	\$0.00	100% ILR-WHMPORCH
Orchards	Pruning	Summer Pruning	WHMP Lands	Optional WHMP Task	5/1/2022	7/31/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPORCH
Orchards	Vegetation Control	Shade Tree Control	WHMP Lands	Optional WHMP Task	8/15/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPORCH
Orchards	Vegetation Control	Invasive Plant Species Control	Rhododendron	Annual Plan	1/1/2022	5/31/2022	Wildlife Habitat Management Inc.			0%		\$2,500.00	\$0.00	100% ILR-WHMPORCH
Orchards	Vegetation Control	Invasive Plant Species Control	Reese Meadow	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$2,500.00	\$0.00	100% ILR-WHMPORCH

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Orchards	Vegetation Control	Invasive Plant Species Control	Winter Creek	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$2,500.00	\$0.00	100% ILR-WHMPORCH
Orchards	Vegetation Control	Invasive Plant Species Control	Hamm 1, 4, and 5	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$2,500.00	\$0.00	100% ILR-WHMPORCH
Orchards	Vegetation Control	Mowing	Mu 12 and 15	Annual Plan	8/15/2022	8/31/2022	Paul Harmon			0%	Buncombe Hollow and Upper and Lower Hanley Curry	\$1,500.00	\$0.00	100% ILR-WHMPORCH
Public Access	Inspection	Annual Road Closure Inspection	WHMP Lands	Annual Plan	11/1/2022	11/30/2022	PacifiCorp			0%		\$1,500.00	\$0.00	100% ILR-WHMPUBL
Public Access	Inspection	Annual Trail Inspections	WHMP Lands	Annual Plan	11/1/2022	11/30/2022	PacifiCorp			0%		\$1,500.00	\$0.00	100% ILR-WHMPUBL
Public Access	Management Actions	Controlling Unauthorized Motorized Vehicle Use	WHMP lands	Annual Plan	1/1/2022	12/31/2022	Chilton Logging, PacifiCorp, and Wildlife Habitat	01/10/22		10%	Repaired MU 12 and Speelyal Road, No Hunting Signs	\$20,000.00	\$1,602.92	100% ILR-WHMPUBL
Public Access	Management Actions	Site Pioneering Monitoring at Dispersed Camp Sites	WHMP Lands	Annual Plan	9/1/2022	12/31/2022	PacifiCorp			0%		\$2,500.00	\$0.00	100% ILR-WHMPUBL
Public Access	Management Actions	Site Creep Evaluation at Dispersed Campsites	WHMP Lands	Optional WHMP Task	9/1/2024	12/31/2024	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPUBL
Public Access	Management Actions	Visual Screen	WHMP lands	Optional WHMP Task	1/1/2022	8/31/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPUBL
Public Access	Management Actions	Road Construction	WHMP lands	Optional WHMP Task	1/1/2022	12/31/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPUBL
Raptor	Best Management Practices	Review and Update Industry Standards for Avian Protection from Power Lines	WHMP Lands	Annual Plan	12/1/2022	12/31/2022	PacifiCorp			0%		\$500.00	\$0.00	100% ILR-WHMPRAPT
Raptor	Habitat Management	Seasonal Access Restriction	MU 16 Merwin Trail	Non Annual Plan Task	1/1/2022	6/30/2022	PacifiCorp	01/13/22	01/13/22	100%		\$500.00	\$372.47	100% ILR-WHMPRAPT
Raptor	Habitat Management	Revise Bald Eagle Management Plan	WHMP Lands	Annual Plan	1/1/2022	12/31/2022	PacifiCorp			0%		\$1,500.00	\$0.00	100% ILR-WHMPRAPT
Raptor	Monitoring	Aerial Survey for Bald Eagle Nest Occupancy	WHMP Lands	Annual Plan	4/1/2022	4/25/2022	PacifiCorp			0%		\$12,000.00	\$0.00	100% ILR-WHMPRAPT
Raptor	Monitoring	Broadcast Acoustical Survey for Northern Goshawk	WHMP Lands	Annual Plan	6/1/2022	8/15/2022	Cafferata Consulting			0%		\$18,000.00	\$0.00	100% ILR-WHMPRAPT
Raptor	Monitoring	Dawn Acoustical	WHMP Lands	Optional WHMP Task	3/15/2022	4/30/2022	Cafferata Consulting			0%		\$0.00	\$0.00	100% ILR-WHMPRAPT
Raptor	Monitoring	Intensive Search Survey for Northern Goshawk	WHMP Lands	Optional WHMP Task	6/20/2022	8/31/2022	Cafferata Consulting			0%		\$0.00	\$0.00	100% ILR-WHMPRAPT
Raptor	Monitoring	Northern Spotted Owl Surveys	WHMP Lands	Optional WHMP Task	3/1/2022	6/30/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPRAPT
Raptor	Monitoring	Peregrine Falcon Monitoring Protocol surveys	WHMP Lands	Optional WHMP Task	4/15/2022	6/30/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPRAPT
Raptor	Monitoring	Aerial Survey for Osprey Nest Occupancy and Bald Eagle Nest Productivity	WHMP Lands	Annual Plan	6/10/2022	6/25/2022	Hillsboro Aviation & PacifiCorp			0%		\$12,000.00	\$0.00	100% ILR-WHMPRAPT
Raptor	Monitoring	Known Communal Roost Monitoring	WHMP Lands	Optional WHMP Task	11/15/2022	3/31/2023	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPRAPT
Raptor	Monitoring	Potential Communal Roost Monitoring	WHMP Lands	Optional WHMP Task	12/1/2022	2/28/2023	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPRAPT
Riparian	Establish Buffers	Establish Buffers for timber harvest or other activities within WHMP Riparian buffer	MU 3, 6 and 35 timber harvest areas	Annual Plan	1/1/2022	12/31/2022	Chilton Logging & PacifiCorp			0%		\$5,000.00	\$0.00	100% ILR-WHMPRIP
Riparian	Establish Buffers	Riparian buffers in PCT stands	TBD	Annual Plan	1/1/2022	12/31/2022	Chilton Logging & PacifiCorp			0%		\$2,000.00	\$0.00	100% ILR-WHMPRIP
Riparian	Establish Buffers	Water Type Modification	TBD	Annual Plan	1/1/2022	12/31/2022	Chilton Logging & PacifiCorp			0%		\$1,000.00	\$0.00	100% ILR-WHMPRIP
Riparian	Inspections	Other Inspections	WHMP lands	Optional WHMP Task	1/1/2022	12/31/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPRIP

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Riparian	Restoration	Riparian Area Damage Identification	WHMP lands	Optional WHMP Task	1/1/2022	12/31/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPRIP
Riparian	Restoration	Riparian Area Restoration blackberry removal	MU 17 Speelyai Creek	Annual Plan	4/1/2022	10/31/2022	PacifiCorp & Wildlife Habitat Management Inc.			0%		\$7,500.00	\$0.00	100% ILR-WHMPRIP
Riparian	Restoration	Riparian Area Restoration blackberry removal, vinca, and other vegetation control	MU 32 HCC stream	Annual Plan	4/1/2022	9/30/2022	PacifiCorp & Wildlife Habitat Management Inc.			0%		\$3,500.00	\$0.00	100% ILR-WHMPRIP
Riparian	Snag Management	Create snags within riparian buffers	WHMP lands	Optional WHMP Task	1/1/2022	12/31/2022	PacifiCorp & Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPRIP
Shrubland	Inspection	Periodic Inspection	MU 3	Annual Plan	4/15/2022	10/31/2022	PacifiCorp			0%		\$1,500.00	\$0.00	100% ILR-WHMPSHRU
Shrubland	Inspection	Post-treatment Inspection	TBD	Optional WHMP Task	6/1/2022	8/31/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPSHRU
Shrubland	Other Management	Vegetation Control - Clear Competing Brush treat Ivy	MU 6 Speelyai Road	Non Annual Plan Task	9/1/2022	11/1/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPSHRU
Shrubland	Other Management	Heavy Pruning	WHMP Lands	Optional WHMP Task	9/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPSHRU
Shrubland	Other Management	Vegetation Control -	TBD	Annual Plan	5/1/2022	7/31/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPSHRU
Shrubland	Shade Control	Topping a Tree and Hand Piling Debris	WHMP Lands	Optional WHMP Task	11/1/2022	3/1/2023	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPSHRU
Shrubland	Shade Control	Falling a tree and hand piling debris	WHMP Lands	Optional WHMP Task	11/1/2022	3/1/2023	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPSHRU
Shrubland	Shade Control	Herbicide Injection	WHMP Lands	Optional WHMP Task	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPSHRU
Transmission Line Right-of-Way	Access Disturbance Reduction	Access Disturbance Reduction -	TBD	Non Annual Plan Task	1/1/2022	4/30/2022	Wildlife Habitat Management Inc.			0%		\$500.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Aquatic Area Management	Aquatic Area Management	WHMP Lands	Optional WHMP Task	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Big Game Forage Enhancement	Soil Testing	Speelyai 1/11-3/11, 8/14-9/14, 5/15-7/15, and Lake 3/10-4/10	Optional WHMP Task	8/1/2022	8/31/2022	Paul Harmon			0%		\$500.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Big Game Forage Enhancement	Annual Mowing	Speelyai 1/11-3/11, 8/14-9/14, 5/15-7/15, and Lake 3/10-4/10	Annual Plan	9/15/2022	10/15/2022	Paul Harmon			0%		\$1,200.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Big Game Forage Enhancement	Fertilizing	Speelyai 1/11-3/11, 8/14-9/14, 5/15-7/15, and Lake 3/10-4/10	Annual Plan	9/1/2022	10/15/2022	Paul Harmon			0%		\$500.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Inspection	Annual Inspection	WHMP Lands	Annual Plan	9/1/2022	10/15/2022	PacifiCorp			0%		\$17,000.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Inspection	Annual Inspection with Photo Documentation	WHMP Lands	Optional WHMP Task	9/1/2024	10/15/2024	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Inspection	Post Hazard Tree and invasive plant species management inspection	TBD	Annual Plan	1/1/2022	12/31/2022	PacifiCorp			0%		\$500.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Invasive Plant Species Control	Seed disturbed ground Speelyai 5/1	MU 21	Non Annual Plan Task	3/1/2022	5/31/2022	Wildlife Habitat Management			0%	Pole was emergency replacement in January	\$250.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Invasive Plant Species Control	Invasive Plant Species Control - Himalayan Blackberry	Speelyai 7/1-11/1	Annual Plan	4/1/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$1,500.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Invasive Plant Species Control	Invasive Plant Species Control Scotch broom	Speelyai 7/12-1/13	Annual Plan	4/1/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$1,500.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Invasive Plant Species Control	Invasive Plant Species Control Scotch broom	Speelyai 3/15-4/15	Annual Plan	4/1/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$1,500.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Invasive Plant Species Control	Invasive Plant Species Control Scotch broom	Speelyai 6/10	Annual Plan	4/1/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$1,500.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Invasive Plant Species Control	Invasive Plant Species Control Douglas fir and red alders	Speelyai 7/5-1/6	Annual Plan	4/1/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$1,500.00	\$0.00	100% ILR-WHMPROW

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Transmission Line Right-of-Way	Invasive Plant Species Control	Invasive Plant Species Control Scotch Broom and Himalayan Blackberry	Speelyai 5/2-8/2	Annual Plan	4/1/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$1,500.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Invasive Plant Species Control	Invasive Plant Species Control Scotch Broom and Himalayan Blackberry	Speelyai 4/1-11/1	Annual Plan	4/1/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$1,500.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Invasive Plant Species Control	Invasive Plant Species Control Scotch Broom	Cougar 5/3-9/3	Annual Plan	4/1/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$1,500.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Invasive Plant Species Control	Invasive Plant Species Control Scotch Broom	Cougar 2/3-3/3	Annual Plan	4/1/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$1,500.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Invasive Plant Species Control	Invasive Plant Species Control Scotch Broom and Himalayan Blackberry	Cougar 2/1-6/1	Annual Plan	4/1/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$1,500.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Invasive Plant Species Control	Invasive Plant Species Control	TBD	Annual Plan	4/1/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$1,500.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Shrub Management	Shrub Management	WHMP Lands	Optional WHMP Task	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPROW
Transmission Line Right-of-Way	Shrub Management	Plantings	WHMP Lands	Optional WHMP Task	2/1/2022	3/31/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPROW
Unique Area	Cave Management	Develop a Cave Management Strategy as needed	WHMP Lands	Optional WHMP Task	1/1/2022	12/31/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPUNIQ
Unique Area	Develop Ethnobotanically Significant Plant	Develop a management plan for ethnosignificant plants	WHMP Lands	Optional WHMP Task	1/1/2022	12/31/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPUNIQ
Unique Area	Inspection Additional Oak Stands	Inspection at oak stands not assigned in Annual Plan or inspect management actions	WHMP Lands	Optional WHMP Task	1/1/2022	12/31/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPUNIQ
Unique Area	Inspection Annual Oak Stand	Inspect assigned oak stands each year as described in the Annual Plan	TBD	Annual Plan	9/15/2022	10/15/2022	PacifiCorp			0%		\$3,000.00	\$0.00	100% ILR-WHMPUNIQ
Unique Area	Inspection Other Unique Areas	Inspections for unique areas that are not oak sites, such as talus, caves, rock outcrops.	TBD	Non Annual Plan Task	1/1/2022	5/15/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPUNIQ
Unique Area	Oak Stand Management	Falling a competing tree or shrub and hand piling debris	TBD	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPUNIQ
Unique Area	Oak Stand Management	Oak tree protection	Oak Site 5-1 and 5-2	Annual Plan	3/15/2022	4/15/2022	Wildlife Habitat Management Inc.			0%		\$2,000.00	\$0.00	100% ILR-WHMPUNIQ
Unique Area	Oak Stand Management	Topping a competing tree or shrub and hand piling debris	WHMP Lands	Optional WHMP Task	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPUNIQ
Unique Area	Oak Stand Management	Invasive Plant Species Control	Oak Site 5-1	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$1,500.00	\$0.00	100% ILR-WHMPUNIQ
Unique Area	Update United Area Database	Update PHS data	WHMP Lands	Annual Plan	1/1/2022	12/31/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPUNIQ
Wetland	Bullfrog Management	Visual Encounter Surveys	Mu 9 and MU 10	Annual Plan	5/1/2022	7/15/2022	PacifiCorp			0%		\$1,500.00	\$0.00	100% ILR-WHMPWET
Wetland	Bullfrog Management	Remove Stoplogs	Cedar Grove, Chestnut, Bankers, Crossroad, Road, and	Annual Plan	8/15/2022	9/15/2022	Wildlife Habitat Management Inc.			0%		\$500.00	\$0.00	100% ILR-WHMPWET
Wetland	Bullfrog Management	Replace Stoplogs	Cedar Grove, Chestnut, Bankers, Crossroad, Road, and	Annual Plan	10/15/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$500.00	\$0.00	100% ILR-WHMPWET
Wetland	Inspection	Every 5 years	WHMP Lands	Optional WHMP Task	4/10/2023	6/30/2023	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPWET
Wetland	Inspection	Post-treatment Inspection	Cedar Grove, Chestnut, Bankers, Swift Canal Ponds, Swift Bypass	Annual Plan	1/1/2022	12/31/2022	PacifiCorp			0%		\$1,500.00	\$0.00	100% ILR-WHMPWET
Wetland	Inspection	Annual	WHMP Lands	Annual Plan	4/10/2022	6/30/2022	PacifiCorp			0%		\$5,000.00	\$0.00	100% ILR-WHMPWET
Wetland	Vegetation Management	Surrounding Wetland Vegetation Reed Canary Grass	Bankers and Road Pond	Annual Plan	3/1/2022	7/31/2022	PacifiCorp & Wildlife Habitat Management Inc			0%		\$3,500.00	\$0.00	100% ILR-WHMPWET
Wetland	Vegetation Management	Surrounding Wetland Vegetation Himalayan Blackberry	North and South IP pond	Annual Plan	3/1/2022	7/31/2022	PacifiCorp & Wildlife Habitat Management Inc			0%		\$3,500.00	\$0.00	100% ILR-WHMPWET

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Wetland	Vegetation Management	Surrounding Wetland Vegetation Himalayan Blackberry	Cresap Pond	Annual Plan	3/1/2022	7/31/2022	PacifiCorp & Wildlife Habitat Management Inc			0%		\$3,500.00	\$0.00	100% ILR-WHMPWET
Wetland	Vegetation Management	Surrounding Wetland Vegetation Himalayan Blackberry	Beaver Bay	Annual Plan	3/1/2022	7/31/2022	PacifiCorp & Wildlife Habitat Management Inc			0%		\$3,500.00	\$0.00	100% ILR-WHMPWET
Wetland	Vegetation Management	Surrounding Wetland Vegetation Himalayan Blackberry	MU 25 Swift Canal Ponds	Annual Plan	3/1/2022	7/31/2022	PacifiCorp & Wildlife Habitat Management Inc			0%		\$3,500.00	\$0.00	100% ILR-WHMPWET
Wetland	Vegetation Management	Surrounding Wetland Vegetation Violet	MU 33 Violet	Annual Plan	3/1/2022	7/31/2022	PacifiCorp & Wildlife Habitat Management Inc			0%		\$3,500.00	\$0.00	100% ILR-WHMPWET
Wetland	Vegetation Management	Surrounding Wetland Vegetation - Yellow Flag Iris	Beaver Bay	Annual Plan	4/1/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$3,500.00	\$0.00	100% ILR-WHMPWET
Wetland	Water Control	Replace 1 to 2 Stoplogs for High Winter Flows	WHMP Lands	Annual Plan	2/15/2022	2/28/2022	Wildlife Habitat Management Inc.			0%		\$500.00	\$0.00	100% ILR-WHMPWET
Wetland	Water Control	Dike Maintenance	MU 10	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.	01/11/22		10%	Monitoring Frasier and Cresap Dams	\$2,500.00	\$366.80	100% ILR-WHMPWET
Wetland	Water Control	Diversion Draw Down	WHMP Lands	Optional WHMP Task	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPWET
Wetland	Water Control	Replace stoplogs except for the top 1 to 2 for high winter flows	WHMP Lands	Annual Plan	10/15/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$500.00	\$0.00	100% ILR-WHMPWET
Wetland	Waterfowl and Bat Habitat Enhancement	Aquatic Vegetation Control	TBD	Optional WHMP Task	5/15/2022	6/15/2022	Wildlife Habitat Management Inc.			0%		\$0.00	\$0.00	100% ILR-WHMPWET
Wetland	Yellow Warbler and Mink Habitat Enhancement	Shrub Planting	Ichabod Wetland	Annual Plan	2/1/2022	3/15/2022	PacifiCorp & Wildlife Habitat Management Inc			0%	Plant buffer with shrubs	\$2,500.00	\$0.00	100% ILR-WHMPWET
Wetland	Yellow Warbler and Mink Habitat Enhancement	Tree topping or pruning to enhance existing shrubs	WHMP Lands	Optional WHMP Task	1/1/2025	1/1/2025	PacifiCorp & Wildlife Habitat Management Inc			0%		\$0.00	\$0.00	100% ILR-WHMPWET
Wetland	Great Blue Heron Colony Management	Review WNDR Heritage Database	WHMP Lands	Annual Plan	1/1/2022	12/31/2022	PacifiCorp			0%		\$500.00	\$0.00	100% ILR-WHMPWET
Wetland	Great Blue Heron Colony Management	Great Blue Heron Colony Site Management Report	WHMP Lands As needed when discovered	Optional WHMP Task	1/1/2022	12/31/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPWET
WHMP Forestry and Forestry	Planting	Planting the prior year timber harvest area	211011CC	Annual Plan	2/1/2022	4/30/2022	Chilton Logging & Wildlife Habitat Management Inc			0%		\$5,100.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Planting	Planting the prior year timber harvest area	211012CC	Annual Plan	2/1/2022	4/30/2022	Chilton Logging & Wildlife Habitat Management Inc			0%		\$7,000.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Planting	Planting the prior year timber harvest area	211013CC	Annual Plan	2/1/2022	4/30/2022	Chilton Logging & Wildlife Habitat Management Inc			0%		\$7,500.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Planting	Interplanting a prior timber harvest area	194030CC	Annual Plan	2/1/2022	4/30/2022	Chilton Logging & Wildlife Habitat Management Inc			0%		\$13,125.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Planting	Interplanting a prior timber harvest area	194031CC	Annual Plan	2/1/2022	4/30/2022	Chilton Logging & Wildlife Habitat Management Inc			0%		\$4,500.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Planting	Interplanting a prior timber harvest area	194032CC	Annual Plan	2/1/2022	4/30/2022	Chilton Logging & Wildlife Habitat Management Inc			0%		\$5,800.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Planting	Purchase seedling protection materials (Vexar tubes, Protex tubes, bamboo stakes etc.)	WHMP lands	Annual Plan	1/1/2022	12/31/2022	Chilton Logging & PacifiCorp	01/04/22	01/14/22	50%		\$5,000.00	\$2,487.45	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Planting	Purchase seedling for the following year timber harvest areas	2022 Timber Harvest Areas	Annual Plan	5/1/2022	10/31/2022	Chilton Logging & PacifiCorp			0%		\$20,000.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Forage Seeding	Spread forage seed mix in timber harvest areas and other disturbed ground	TBD	Annual Plan	9/1/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$7,500.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Forage Seeding	Purchase forage seed mix for timber harvest area	2022 Timber Harvest	Annual Plan	8/1/2022	8/31/2022	PacifiCorp			0%		\$6,000.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Forage Seeding	Spread forage seed mix in timber harvest areas and other disturbed ground	2021 Timber harvest MU 10	Annual Plan	9/1/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$1,500.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Forage Seeding	Spread forage seed mix on burn piles	TBD	Annual Plan	9/1/2022	10/31/2022	Wildlife Habitat Management Inc.			0%		\$1,000.00	\$0.00	100% ILR-WHMPFRST

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WHMP Forestry and Forestry	Inspections and harvest planning	Harvest Planning 2022 timber harvest	MU 3, 6 and 35 timber harvest areas	Annual Plan	1/1/2022	12/31/2022	Chilton Logging & PacifiCorp			0%		\$17,000.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Inspections and harvest planning	Harvest Scheduling for future year	MU 8, 20, and 28	Annual Plan	1/1/2022	12/31/2022	Chilton Logging & PacifiCorp			0%		\$7,000.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Inspections and harvest planning	Timber Harvest Area Logging Inspections	MU 35	Annual Plan	7/1/2022	9/30/2022	Chilton Logging & PacifiCorp			0%		\$2,000.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Inspections and harvest planning	Timber Harvest Area Logging Inspections	MU 3	Annual Plan	7/1/2022	9/30/2022	Chilton Logging & PacifiCorp			0%		\$2,000.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Inspections and harvest planning	Timber Harvest Area Logging Inspections	MU 6	Annual Plan	7/1/2022	9/30/2022	Chilton Logging & PacifiCorp			0%		\$2,000.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Inspections and harvest planning	Spring Timber Harvest Area Survey. Evaluates winter damage effects for previous years invasive plant species or pre-commercial thinning.	TBD	Annual Plan	5/1/2022	6/30/2022	Chilton Logging			0%		\$2,000.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Inspections and harvest planning	Fall Timber Harvest Survey (Field Work). To determine plantation issues for the following year	Timber Harvest areas that are 1 to 15 years	Annual Plan	11/1/2022	11/30/2022	Chilton Logging			0%		\$6,000.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Inspections and harvest planning	Fall Timber Harvest Survey (Analysis)Compile data from fall survey	Timber Harvest areas that 1 to 15 years	Annual Plan	12/1/2022	12/31/2022	Chilton Logging			0%		\$2,000.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Inspections and harvest planning	First Precut Survey Completes a survey of proposed timber harvest area	2022 and 2023 Timber harvest areas TBD	Annual Plan	9/1/2022	12/31/2022	PacifiCorp			0%		\$2,000.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Inspections and harvest planning	Timber Harvest Area Traverse and GIS	MU 35	Annual Plan	1/1/2022	12/31/2022	Chilton Logging & PacifiCorp			0%		\$1,500.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Inspections and harvest planning	Timber Harvest Area Traverse and GIS	MU 3	Annual Plan	1/1/2022	12/31/2022	Chilton Logging & PacifiCorp			0%		\$1,500.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Inspections and harvest planning	Timber Harvest Area Traverse and GIS	MU 6	Annual Plan	1/1/2022	12/31/2022	Chilton Logging & PacifiCorp			0%		\$1,500.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Inspections and harvest planning	Second Precut Survey: Once the final proposed THA boundary has been determined, a second precut survey will be conducted by a PacifiCorp	MU 3	Annual Plan	1/1/2022	12/31/2022	PacifiCorp			0%		\$1,000.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Inspections and harvest planning	Second Precut Survey: Once the final proposed THA boundary has been determined, a second precut survey will be conducted by a PacifiCorp	MU 6	Annual Plan	1/1/2022	12/31/2022	PacifiCorp			0%		\$1,000.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Inspections and harvest planning	Second Precut Survey: Once the final proposed THA boundary has been determined, a second precut survey will be conducted by a PacifiCorp	MU 35	Annual Plan	1/1/2022	12/31/2022	PacifiCorp			0%		\$1,000.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Inspections and harvest planning	TCC to evaluate on site timber harvest area prior to beginning timber harvest	MU 3, 6 and 35 timber harvest areas	Annual Plan	4/1/2022	5/31/2022	PacifiCorp			0%		\$2,500.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Inspections and harvest planning	Timber Harvest Area Logging Inspections	MU 3	Annual Plan	7/1/2022	9/30/2022	Chilton Logging & PacifiCorp			0%		\$3,500.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Inspections and harvest planning	Timber Harvest Area Logging Inspections	MU 6	Annual Plan	7/1/2022	9/30/2022	Chilton Logging & PacifiCorp			0%		\$3,500.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Inspections and harvest planning	Timber Harvest Area Logging Inspections	MU 35	Annual Plan	7/1/2022	9/30/2022	Chilton Logging & PacifiCorp			0%		\$3,500.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Priority 1 = Spray RUAR, CYSC, ALRU	170111 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$1,000.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Priority 1 =Spray RUAR, CYSC, ALRU	170112 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$2,500.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Priority 1 =Spray CYSC, PHAM, RUAR	200234 CT	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$2,500.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Priority 1 =Spray BUDA, RUAR	130450 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$1,500.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Priority 1 =Spray RUAR, CYSC	170776 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$500.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR, ALRU = Priority 1	200938 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$1,000.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray CYSC, RUAR= Priority 1	200944 CT	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$2,300.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N



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WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR, CYSC, ALRU = Priority 1	141007 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$2,400.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR, CYSC, ALRU = Priority 1	141008 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$1,000.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR, CYSC, ALRU = Priority 1	141010 CT	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$500.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR, PHAR = Priority 1	891535 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$2,400.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR, ALRU = Priority 1	181549 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$1,200.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR = Priority 1	921632 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$500.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR, CYSC = Priority 1	991701 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$2,800.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray CYSC, RUAR, PHAR = Priority 1	101708 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$500.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray CYSC, RUAR, ALRU = Priority 1	161905 CT	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$1,200.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray CYSC, ALRU = Priority 1	192701 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$2,100.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray CYSC, ALRU = Priority 1	192702 CT	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$800.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray CYSC, RUAR, ALRU, LALA = Priority 1	033804 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$6,500.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	CYSC, ALRU, RUAR = Priority 1	163806 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$700.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR = Priority 2	170107 CT	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$1,000.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR, CYSC, ALRU = Priority 2	150520 CT	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$3,200.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR = Priority 2	050770 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$2,600.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR, ALRU = Priority 2	181548 CT	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$2,600.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR, PHAM = Priority 2	091703 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$2,400.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR = Priority 2	161906 CT	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$700.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR, CYSC = Priority 2	161907 CT	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$500.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RULA, RUAR, CYSC = Priority 2	161908 CT	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$400.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray CYSC, ALRU = Priority 2	043762 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$3,000.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR = Priority 2	053802 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$5,500.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray CYSC = Priority 2	194032 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$2,600.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray CYSC, Spray RUAR = Priority 3	020110 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$1,000.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR = Priority 3	030447 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$2,600.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N



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WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray PHAR = Priority 3	050771 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$250.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray BUDA, PTAQ = Priority 3	160773 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$2,800.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR = Priority 3	980836 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$1,000.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	PHAR = Priority 3	141009 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$2,600.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR = Priority 3	091705 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$1,200.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray CYSC = Priority 2	063309 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$4,600.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray CYSC, LALA, PTAQ = Priority 3	053801 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$3,600.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray RUAR = Priority 4	021236 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$1,900.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Invasive Plant Species - competing	Spray CYSC = Priority 4	143961 CC	Annual Plan	4/1/2022	11/15/2022	Wildlife Habitat Management Inc.			0%		\$4,200.00	\$0.00	30% ILR-WHMPFRST 70% FORESTRY-N
WHMP Forestry and Forestry	Miscellaneous	PacifiCorp Renewable Employee time that can not be assigned to task	PacifiCorp Owned lands	Non Annual Plan Task	1/1/2022	12/31/2022	PacifiCorp			0%		\$0.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Planting	Purchase seedlings for interplanting	TBD	Non Annual Plan Task	9/1/2022	12/31/2022	Chilton Logging			0%		\$5,000.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Pre-Commercial Thinning Pruning	PCT Priority 1	124010 CC	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$17,500.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Pre-Commercial Thinning Pruning	PCT Priority 1	124011 CC	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$13,000.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Pre-Commercial Thinning Pruning	PCT Priority 1	124012 CC	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$14,000.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Pre-Commercial Thinning Pruning	PCT Priority 2	124013 CC	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$14,000.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Pre-Commercial Thinning Pruning	PCT Priority 2	124014 CC	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$1,300.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Pre-Commercial Thinning Pruning	PCT Priority 2	124015 CC	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$20,500.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Pre-Commercial Thinning Pruning	PCT Priority 2	124018 CC	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$23,000.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Pre-Commercial Thinning Pruning	PCT Priority 3	063309 CC	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$20,000.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Pre-Commercial Thinning Pruning	PCT Priority 3	124020 CC	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$16,500.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Pre-Commercial Thinning Pruning	PCT Priority 4	113319CC	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management Inc.			0%		\$1,000.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	200938	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management	2/7/022	2/7/022	100%		\$1,500.00	\$606.19	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	170112	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management			0%		\$2,500.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	161908	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management	01/19/22	01/19/22	100%		\$1,200.00	\$1,219.10	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	161904	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management	01/05/22	01/05/22	100%		\$2,000.00	\$1,986.99	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	200944	Non Annual Plan Task	1/1/2022	12/31/2022	Wildlife Habitat Management	01/21/22	01/21/22	100%	This the shrubland planting under the line in AC/DC	\$0.00	\$112.04	50% ILR-WHMPFRST 50% FORESTRY-N

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WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	101126	Non Annual Plan Task	1/1/2022	12/31/2022	Wildlife Habitat Management	01/21/22	01/21/22	100%		\$0.00	\$449.84	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	101127	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management	01/21/22	01/21/22	100%		\$1,000.00	\$564.43	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	170776	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management	01/21/22	01/24/22	100%		\$2,000.00	\$1,862.66	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	160335	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management	01/20/22	01/20/22	100%		\$500.00	\$475.13	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	101126	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management	01/28/22	01/28/22	50%		\$1,500.00	\$1,436.37	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	170111	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management	01/20/22	01/20/22	50%		\$1,000.00	\$746.59	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	171401	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management	01/27/22	01/27/22	100%		\$2,000.00	\$1,894.71	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	181552	Annual Plan	1/1/2022	12/31/202	Wildlife Habitat Management					\$1,500.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	181551	Annual Plan	1/1/2022	12/31/202	Wildlife Habitat Management	01/25/22	01/26/22	100%		\$1,500.00	\$1,472.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	101801	Non Annual Plan Task	1/1/2022	12/31/2022	Wildlife Habitat Management	02/07/22	02/07/22	100%		\$1,500.00	\$682.40	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	211011	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management	02/01/22	02/21/22	100%		\$500.00	\$307.87	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	211012	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management	2/21/022	02/21/22	100%		\$500.00	\$307.87	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Retube THPL	211013	Annual Plan	1/1/2022	12/31/2022	Wildlife Habitat Management	02/21/22	02/21/22	100%		\$500.00	\$307.87	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Seedling Maintenance	Invasive Species Grasses ( Spray Oust and Pendulum)	211011	Annual Plan	2/1/2022	10/31/2022	Wildlife Habitat Management Inc.	03/04/22	03/04/22	100%		\$1,500.00	\$677.14	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Seedling Maintenance	Invasive Species Grasses ( Spray Oust and Pendulum)	211012	Annual Plan	2/1/2022	10/31/2022	Wildlife Habitat Management Inc.	03/04/22	03/04/22	100%		\$1,500.00	\$677.14	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Seedling Maintenance	Invasive Species Grasses ( Spray Oust and Pendulum)	211013	Annual Plan	2/1/2022	10/31/2022	Wildlife Habitat Management Inc.	03/04/22	03/04/22	100%		\$1,500.00	\$677.14	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Seedling Maintenance	Invasive Species Grasses ( Spray Oust and Pendulum)	200938	Annual Plan	2/1/2022	10/31/2022	Wildlife Habitat Management Inc.	02/07/22	02/07/22	100%		\$1,500.00	\$606.19	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Site Preparation	Scarification following timber harvest to promote grass seed and create slash piles	211553CT	Annual Plan	7/1/2022	9/30/2022	Chilton Logging			0%		\$0.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Site Preparation	Scarification following timber harvest to promote grass seed and create slash piles	MU 3	Annual Plan	7/1/2022	9/30/2022	Chilton Logging			0%		\$20,000.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Site Preparation	Scarification following timber harvest to promote grass seed and create slash piles	MU 6	Annual Plan	7/1/2022	9/30/2022	Chilton Logging			0%		\$20,000.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Site Preparation	Scarification following timber harvest to promote grass seed and create slash piles	MU 35	Annual Plan	7/1/2022	9/30/2022	Chilton Logging			0%		\$30,000.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Site Preparation	Transport Habitat logs to timber harvest areas	TBD	Non Annual Plan Task	7/1/2022	10/31/2022	Chilton Logging			0%		\$0.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Site Preparation	Purchase Plastic	TBD	Non Annual Plan Task	6/1/2022	9/1/2022	PacifiCorp & Wildlife Habitat Management Inc			0%		\$0.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Site Preparation	Cover piles with plastic	MU 3	Non Annual Plan Task	8/1/2022	10/1/2022	Wildlife Habitat Management Inc.			0%		\$5,000.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Site Preparation	Cover piles with plastic	MU 6	Non Annual Plan Task	8/1/2022	10/1/2022	Wildlife Habitat Management Inc.	02/07/22		5%	Purchase plastic to wrap the plastic so it can be moved with forklift	\$5,000.00	\$62.07	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Site Preparation	Cover piles with plastic	MU 35	Non Annual Plan Task	8/1/2022	10/1/2022	Wildlife Habitat Management Inc.			0%		\$25,000.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N

PROJECT DETAILS								Project Completion				Costs		Tracking Information
Budget Category	Task Category	Task Description	Location	Priority	Date Work is to begin	Date Work to be completed	Assignee	Date work Began	Date work completed	% Complete	Comments	Budget Costs	Actual Costs	Charging Instructions
WHMP Forestry and Forestry	Site Preparation	Burn slash in timber harvest areas	MU 3	Non Annual Plan Task	11/1/2022	12/31/2022	Chilton Logging			0%		\$5,500.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Site Preparation	Burn slash in timber harvest areas	MU 3	Non Annual Plan Task	11/1/2022	12/31/2022	Chilton Logging			0%		\$5,500.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Site Preparation	Burn slash in timber harvest areas	MU 35	Non Annual Plan Task	11/1/2022	12/31/2022	Chilton Logging			0%		\$10,000.00	\$0.00	50% ILR-WHMPFRST 50% FORESTRY-N
WHMP Forestry and Forestry	Snag Development	Create 3-5 osprey nest trees	TBD	Non Annual Plan Task	7/15/2022	12/31/2022	PacifiCorp & Wildlife Habitat Management Inc			0%		\$0.00	\$0.00	100% ILR-WHMPFRST
WHMP Forestry and Forestry	Snag Development	Some timber harvest areas will have snags developed or hazard trees created into snags.	TBD	Annual Plan	7/15/2022	12/31/2022	PacifiCorp & Wildlife Habitat Management Inc			0%		\$0.00	\$0.00	100% ILR-WHMPFRST

<b>Budget Category</b>	<b>Authorized Budget (estimated amount to spend by budget category)</b>	<b>Assigned Cost (the estimated amount that current task will cost)</b>	
<b>WHMP Forestry</b>	\$300,000.00	\$203,652.50	
<b>Orchards</b>	\$21,500.00	\$21,500.00	
<b>Administration</b>	\$100,000.00	\$80,000.00	
<b>Unique Area</b>	\$15,000.00	\$6,500.00	
<b>Old-growth</b>	\$1,000.00	\$500.00	
<b>Wetland</b>	\$50,000.00	\$40,000.00	
<b>Riparian</b>	\$25,000.00	\$19,000.00	
<b>Public Access</b>	\$50,000.00	\$25,500.00	
<b>Shrubland</b>	\$6,000.00	\$1,500.00	
<b>Transmission Line Right-of-Way</b>	\$50,000.00	\$36,950.00	
<b>Farmland, Idle Fields, and Meadow</b>	\$75,000.00	\$69,300.00	
<b>Monitoring</b>	\$10,000.00	\$10,000.00	
<b>Raptor</b>	\$55,000.00	\$44,500.00	
<b>Invasive Plant Species</b>	\$15,000.00	\$10,500.00	

**WHMP Expected  
Budget**

**\$773,500.00**

**\$569,402.50**

**WHMP 2022  
Authorized Budget  
Total**

**\$780,614.94**

**APPENDIX B**  
**TERRESTRIAL COORDINATION COMMITTEE 2022**  
**ANNUAL PLAN CONSULTATION RECORD**

Commenter	Comment Number	Location	Comment	Response
Peggy Miller and Eric Holman Washington Department of Fish and Wildlife	1	Page 6: 8.1 Inspections	Please consider identifying the difference between “inspected” and “post treatment survey”.	Paragraph changed as follows: Shrublands are on a three-year survey rotation. Shrubland 3-2a and 3-2b are next in rotation and scheduled to be inspected between April 15 <sup>th</sup> and October 31 <sup>st</sup> . No shrublands were treated in 2021 so no post treatment surveys are required in 2022.
Peggy Miller and Eric Holman Washington Department of Fish and Wildlife	2	Page 6: 8.2 Management Actions	Please indicate how this is different from post treatment surveys.	Paragraph changed as follows: A review of the effectiveness of shrubland management actions using annual shrubland inspections will continue to be conducted this year.
Peggy Miller and Eric Holman Washington Department of Fish and Wildlife	3	Page 8: 9.2 Management Actions	Please include why some sites are identified for fertilizer based on soil testing but are not listed for soil testing.	To distribute soil testing costs, managed meadows are tested every other year..... All managed meadows are fertilized annually based on soil testing results from the soil test from the year before or the year of depending on rotation. We also generalize need biased on what is required in other fields and what is the most economical.
Peggy Miller and Eric Holman Washington Department of Fish and Wildlife	4	Page 9: 10.2 Management Actions	These sites appear to be identified in 9.0 Farmland, Idle Areas, and Meadows Habitat Management. Are they the same sites? If so please consider, indicating that orchards are within meadows and will be mowed as part of the meadow mowing plan.	Fall mowing will occur at Buncombe Hollow, Lower Hanley Curry, Upper Hanley Curry, and Speelyai orchards along with the same meadows between August 15 <sup>th</sup> – 31 <sup>st</sup> to maintain big game forage.
Peggy Miller and Eric Holman Washington Department of Fish and Wildlife	5	Page 11: 11.2 Management Actions	Please include if these actions are also included in the wetland section and/or the invasive species section.	Beaver Bay (Speelyai Line 7/1-11/1) is a series of wetlands and springs beneath the line that are dominated with Himalayan blackberry. This note is only included in the ROW section and not in wetlands or Invasive species section.
Peggy Miller and Eric Holman Washington Department of Fish and Wildlife	6	Page 11: 12.2 Management Actions	Please reconcile. “Next three years” implies three years starting in 2022. “Ending in 2023” implies two years left, 2022 and 2023.	Changed from "next three years" to "next two years".
Peggy Miller and Eric Holman Washington Department of Fish and Wildlife	7	Page 14 19: Table 3	Please consider adding description for P-t, MS and M in the last cell as total cover type (not totals associated with management action lines – P-t=36.2 is in line with Total Commercial Thin 31.4) Also consider if numbers after the decimal point should be 1 or 2 to maintain consistency and accuracy (can acres be measured to 1/100 of an acre?)	The vegetation cover types between commercial thin and clearcut harvest have been differentiated
Peggy Miller and Eric Holman Washington Department of Fish and Wildlife	8	Page 14: Table 3	Please clarify where the error occurred (database / THA plan, etc.). Example: An accounting error was discovered in the THA harvest action plan. Some habitat that was classified as P should have been classified as P-t because...	This is an error in the vegetation cover typing GIS data base that will be corrected to only apply to stands that have been commercially thinned. This was recently discovered and for MU 6 does not affect C:F ratio.
Peggy Miller and Eric Holman Washington Department of Fish and Wildlife	9	Page 23: 16.2 Management Actions	Also consider if numbers after the decimal point should be 1 or 2 to maintain consistency and accuracy (can acres be measured to 1/100 of an acre?)	The purpose of the No Trail Maintenance signs are to alert the public that trails are not to be created or maintained on PacifiCorp property. The signs have the legal codes on them allowing law enforcement to enforce.







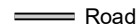
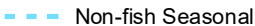


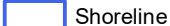



**APPENDIX C**  
**2023 PROPOSED TIMBER HARVEST AREA MAPS**

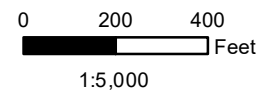




### WHMP - Unit 3

#### Planned Harvests

- |   |   |   |
|---|---|---|
|  Planned Thin        |  Fish Stream        |  Raptor Nest, Active         |
|  Planned CC          |  Non-fish Perennial |  Raptor Nest Buffer (660 ft) |
|  Road                |  Non-fish Seasonal  |  Riparian Buffer             |
|  Abandon/Orphan Road |  Shoreline          |  Wetland                     |
|  Vegetation Cover    |   |  Wetland Buffer              |







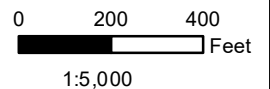




# WHMP - Unit 35

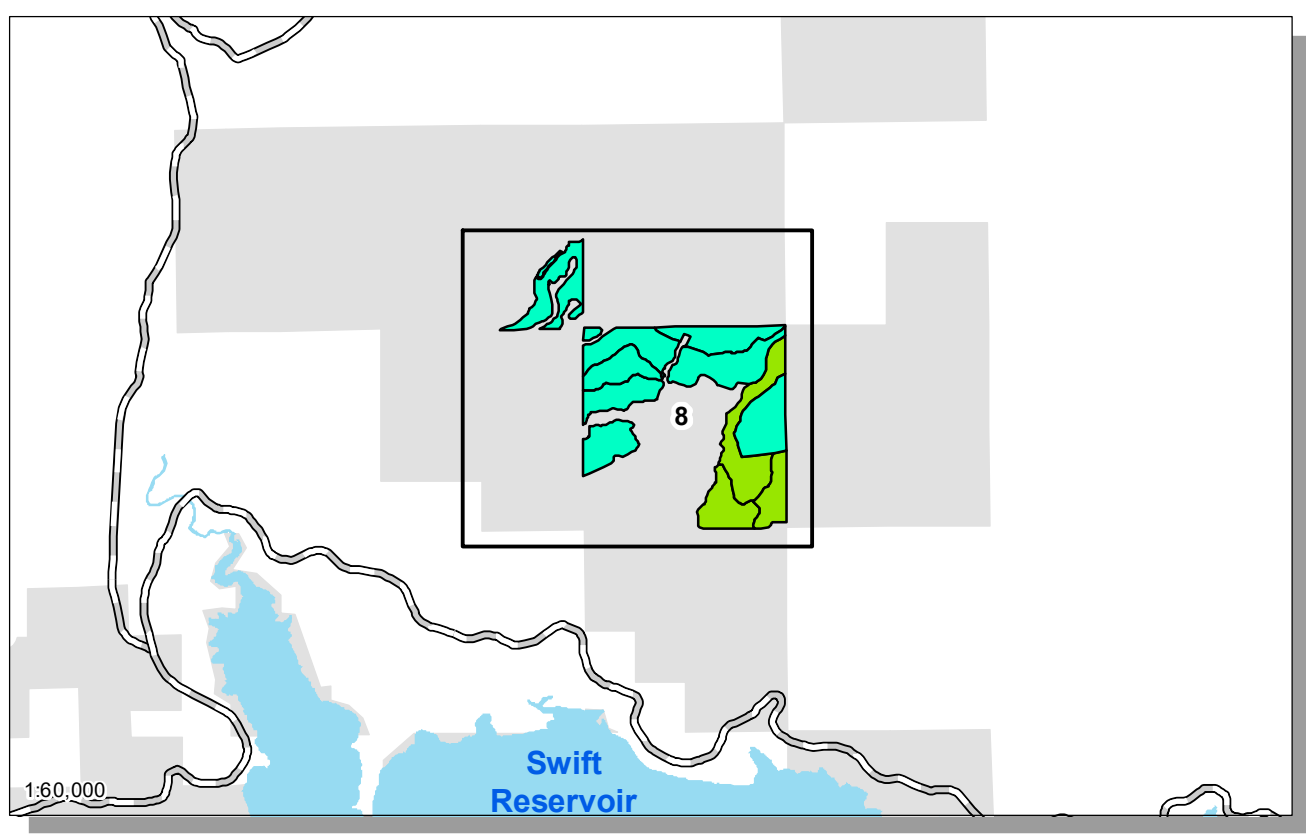
## Planned Harvests

- |  |                     |  |                             |
|--|---------------------|--|-----------------------------|
|  | Planned Thin        |  | Shoreline                   |
|  | Planned CC          |  | Raptor Nest, Active         |
|  | Road                |  | Raptor Nest Buffer (660 ft) |
|  | Abandon/Orphan Road |  | Riparian Buffer             |
|  | Vegetation Cover    |  | Wetland                     |
|  | Fish Stream         |  | Wetland Buffer              |
|  | Non-fish Perennial  |  |                             |
|  | Non-fish Seasonal   |  |                             |

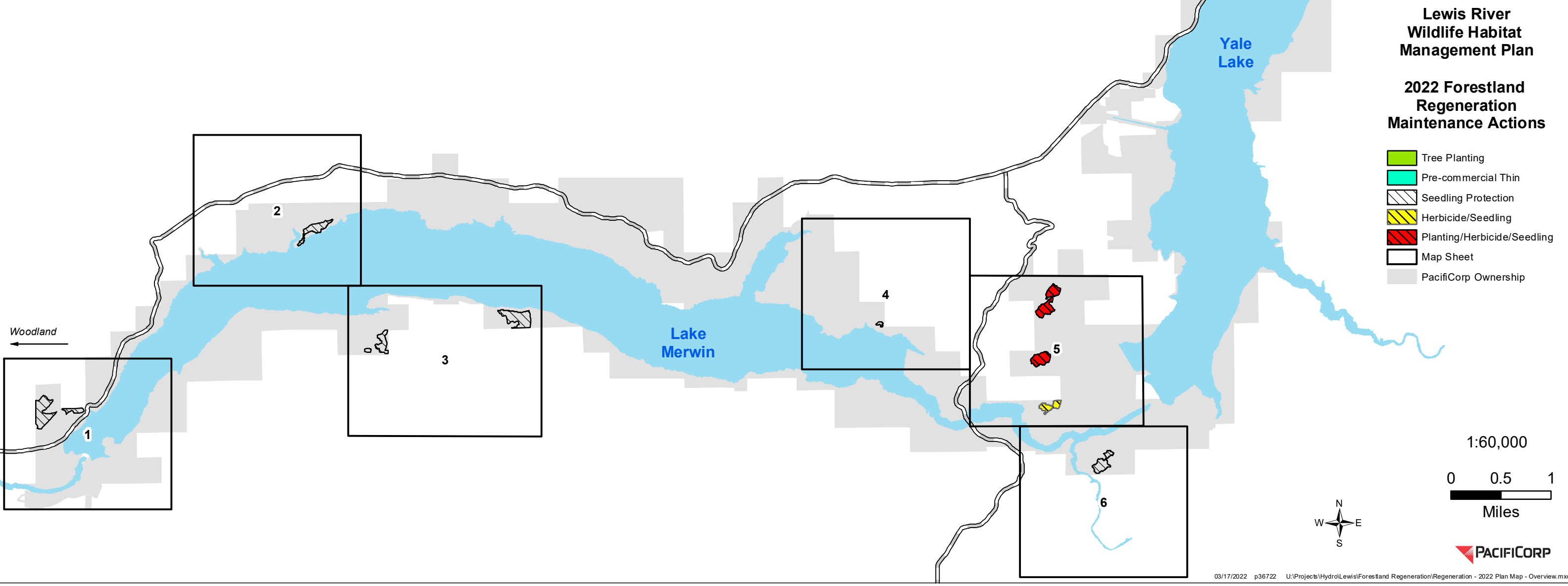


**APPENDIX D**  
**2022 REGENERATION PRACTICES MAPS**





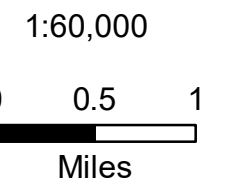
Swift Reservoir →



**Lewis River Wildlife Habitat Management Plan**

**2022 Forestland Regeneration Maintenance Actions**


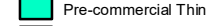
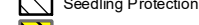
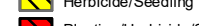
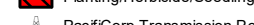
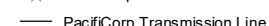


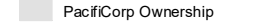
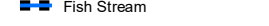
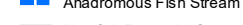
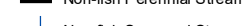
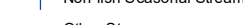
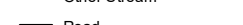

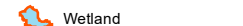


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- Pre-commercial Thin
- Seedling Protection
- Herbicide/Seedling
- Planting/Herbicide/Seedling
- Map Sheet
- PacifiCorp Ownership

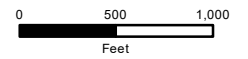


# Lewis River Wildlife Habitat Management Plan

## 2022 Forestland Regeneration Maintenance Actions

Sheet 1 of 8

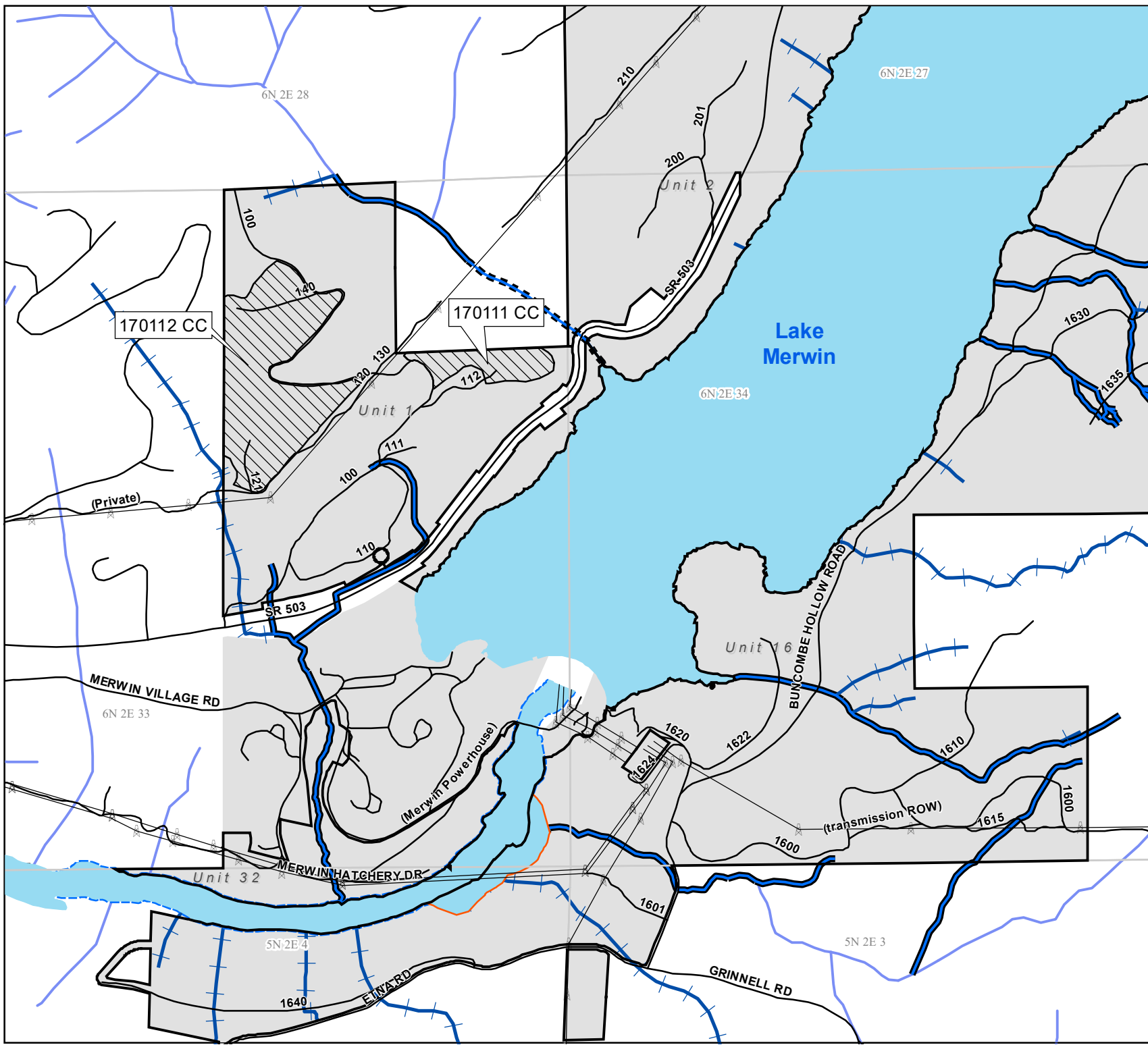
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-  Seedling Protection
-  Herbicide/Seedling
-  Planting/Herbicide/Seedling
-  PacifiCorp Transmission Pole
-  PacifiCorp Transmission Line
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-  Section
-  PacifiCorp Ownership
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-  Anadromous Fish Stream
-  Non-fish Perennial Stream
-  Non-fish Seasonal Stream
-  Other Stream
-  Road
-  Water Body
-  Wetland



Data projected in UTM Zone 10, NAD83, meters.

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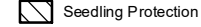
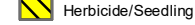
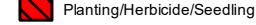
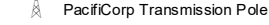
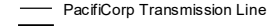
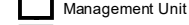
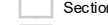

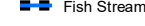
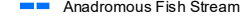
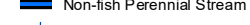
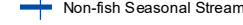
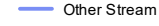

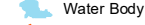

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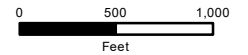


# Lewis River Wildlife Habitat Management Plan

## 2022 Forestland Regeneration Maintenance Actions

Sheet 2 of 8

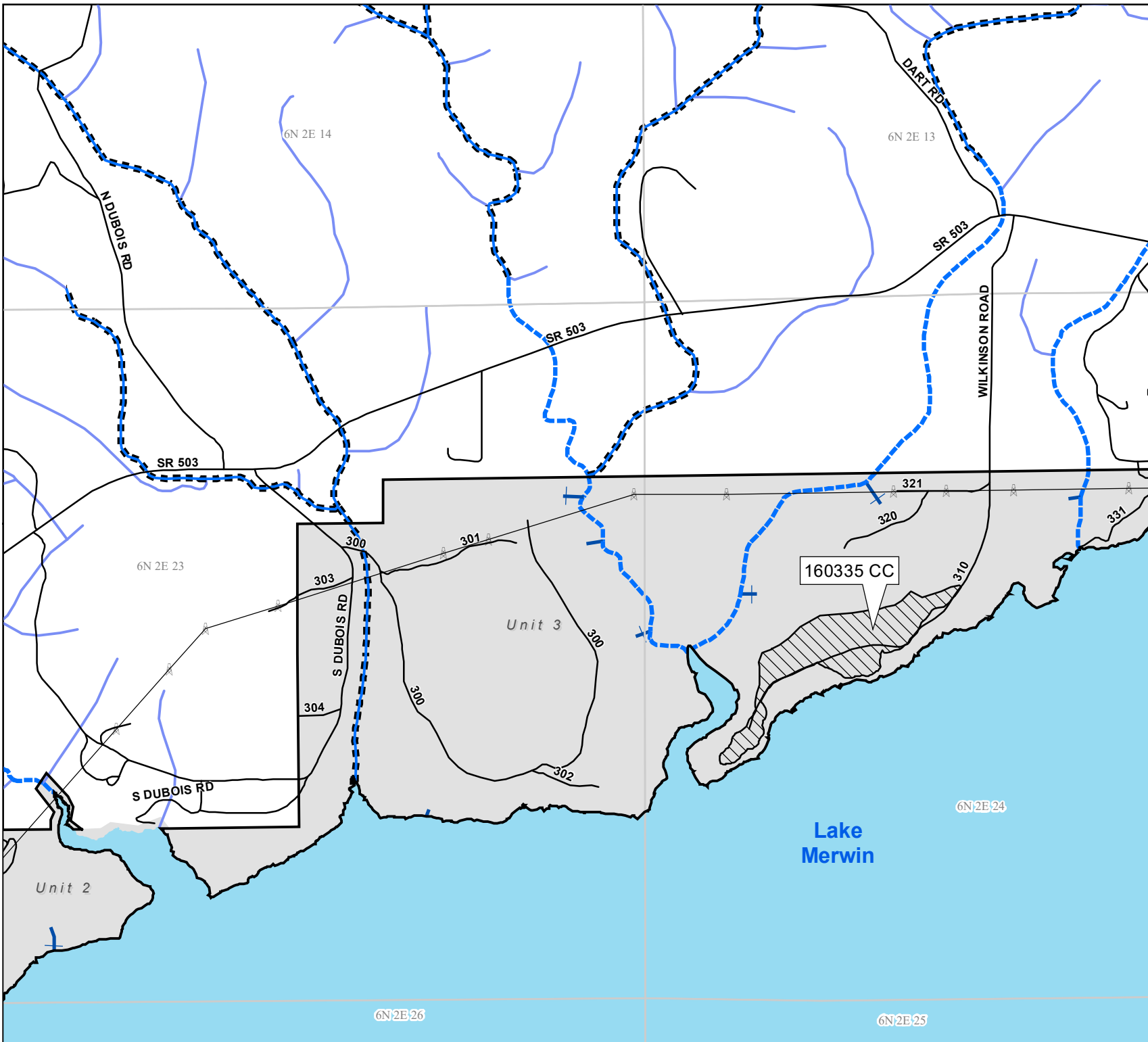
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-  Pre-commercial Thin
-  Seedling Protection
-  Herbicide/Seedling
-  Planting/Herbicide/Seedling
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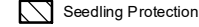
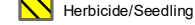
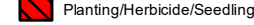
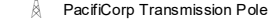
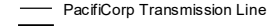
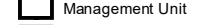
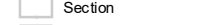


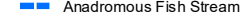
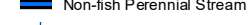
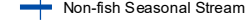
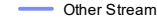

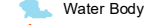

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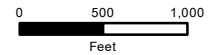


# Lewis River Wildlife Habitat Management Plan

## 2022 Forestland Regeneration Maintenance Actions

Sheet 3 of 8

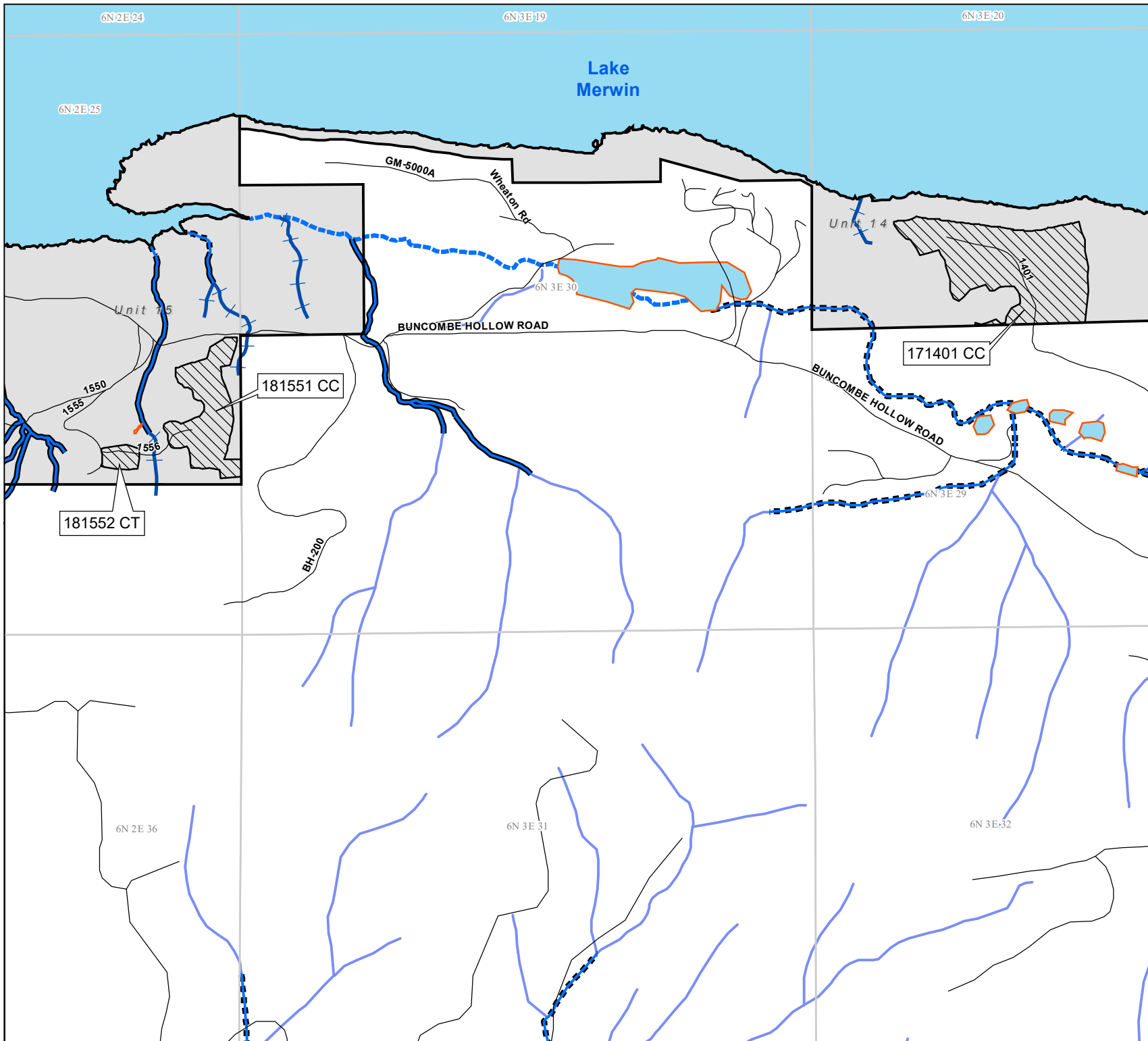
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-  Non-fish Perennial Stream
-  Non-fish Seasonal Stream
-  Other Stream
-  Road
-  Water Body
-  Wetland



Data projected in UTM Zone 10, NAD83, meters.



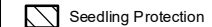
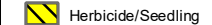
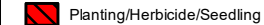
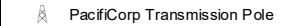
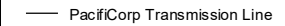
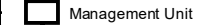



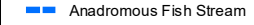

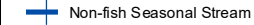
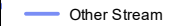

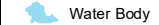

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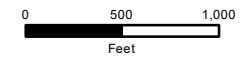
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Lewis River  
Wildlife Habitat  
Management Plan  
  
2022 Forestland  
Regeneration  
Maintenance Actions

Sheet 4 of 8

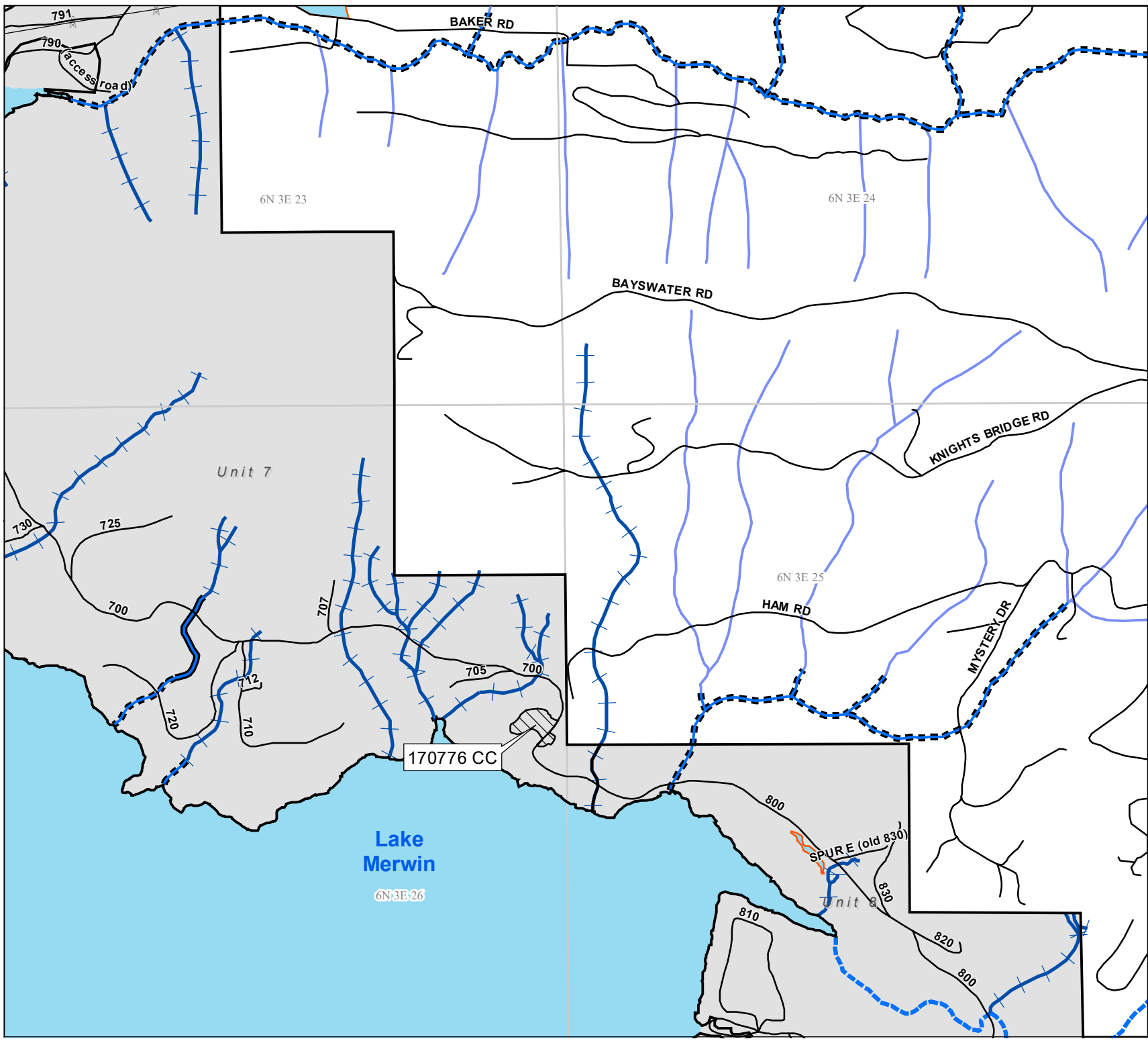
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-  Seedling Protection
-  Herbicide/Seedling
-  Planting/Herbicide/Seedling
-  PacifiCorp Transmission Pole
-  PacifiCorp Transmission Line
-  Management Unit
-  Section
-  PacifiCorp Ownership
-  Fish Stream
-  Anadromous Fish Stream
-  Non-fish Perennial Stream
-  Non-fish Seasonal Stream
-  Other Stream
-  Road
-  Water Body
-  Wetland



Data projected in UTM Zone 10, NAD83, meters.

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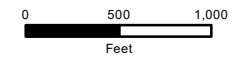


# Lewis River Wildlife Habitat Management Plan

## 2022 Forestland Regeneration Maintenance Actions

Sheet 5 of 8

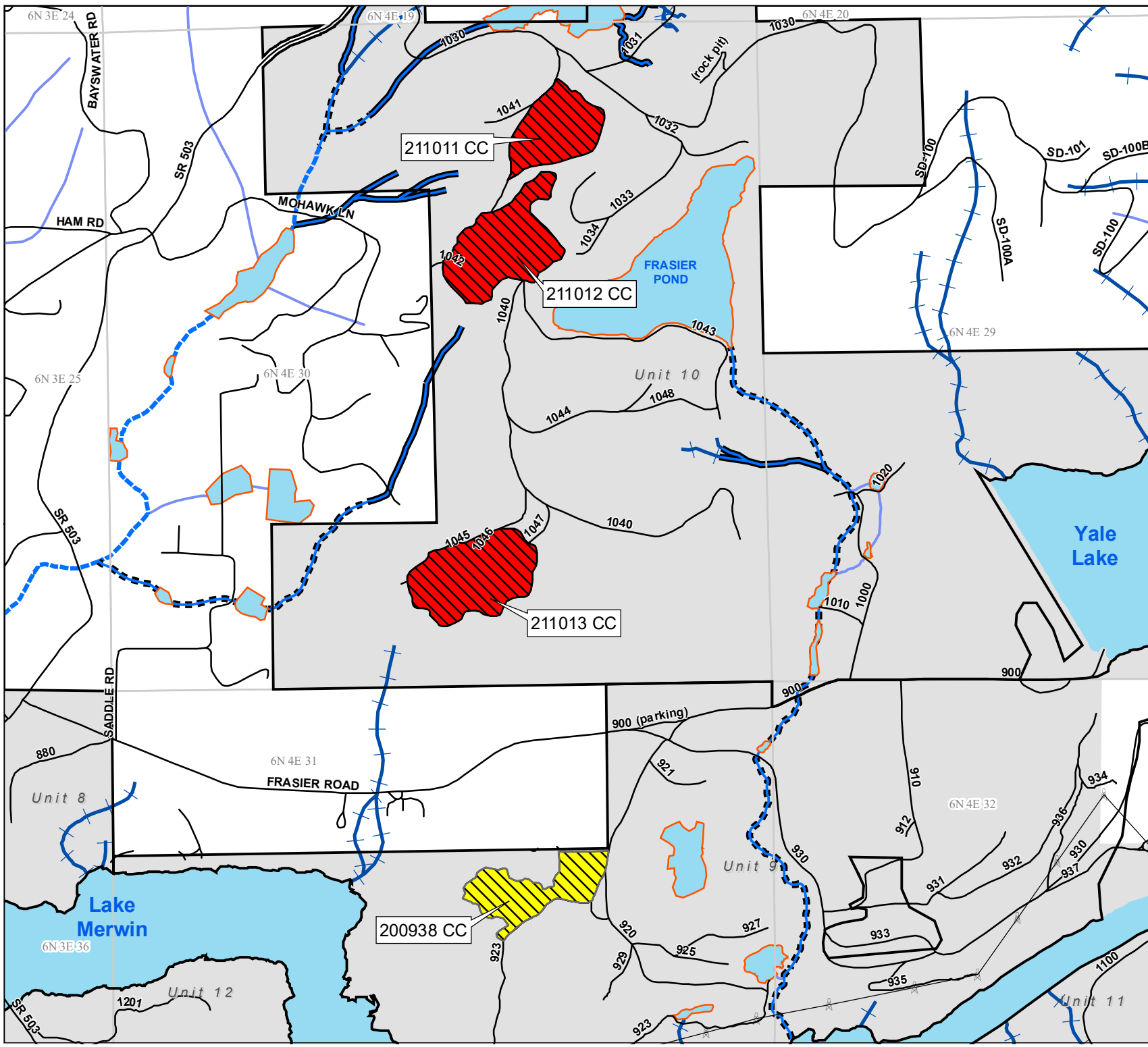
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-  Seedling Protection
-  Herbicide/Seedling
-  Planting/Herbicide/Seedling
-  PacifiCorp Transmission Pole
-  PacifiCorp Transmission Line
-  Management Unit
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-  PacifiCorp Ownership
-  Fish Stream
-  Anadromous Fish Stream
-  Non-fish Perennial Stream
-  Non-fish Seasonal Stream
-  Other Stream
-  Road
-  Water Body
-  Wetland



Data projected in UTM Zone 10, NAD83, meters.



















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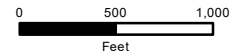
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Regeneration\Regeneration - 2022 Plan Map.mxd



Lewis River  
Wildlife Habitat  
Management Plan  
  
2022 Forestland  
Regeneration  
Maintenance Actions

Sheet 6 of 8

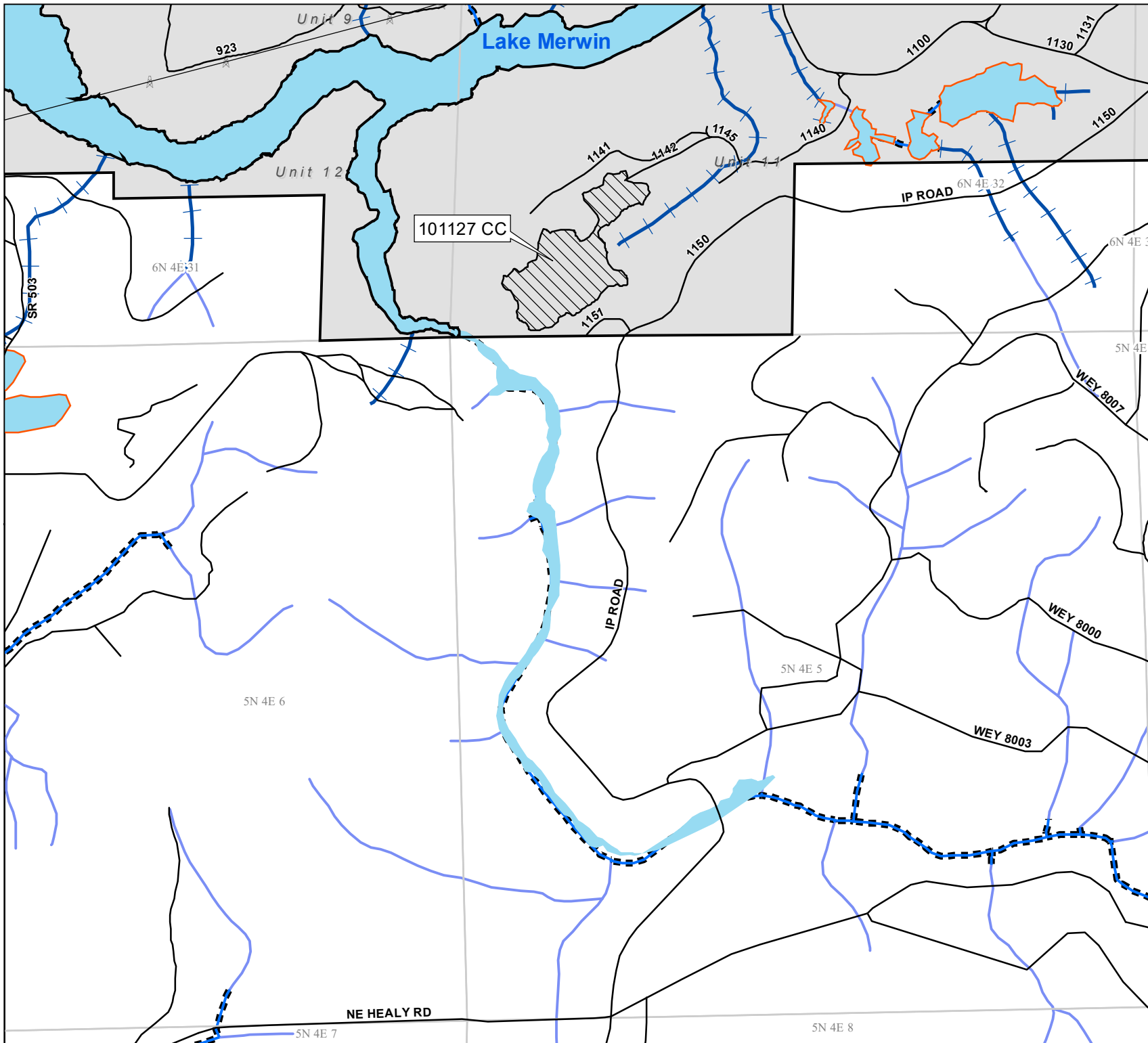
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-  Seedling Protection
-  Herbicide/Seedling
-  Planting/Herbicide/Seedling
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-  PacifiCorp Transmission Line
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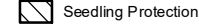
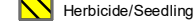
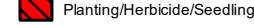
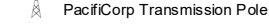
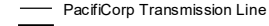
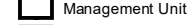


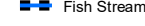
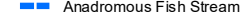
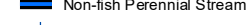
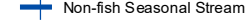
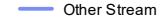
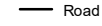
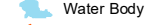

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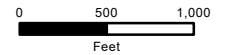


# Lewis River Wildlife Habitat Management Plan

## 2022 Forestland Regeneration Maintenance Actions

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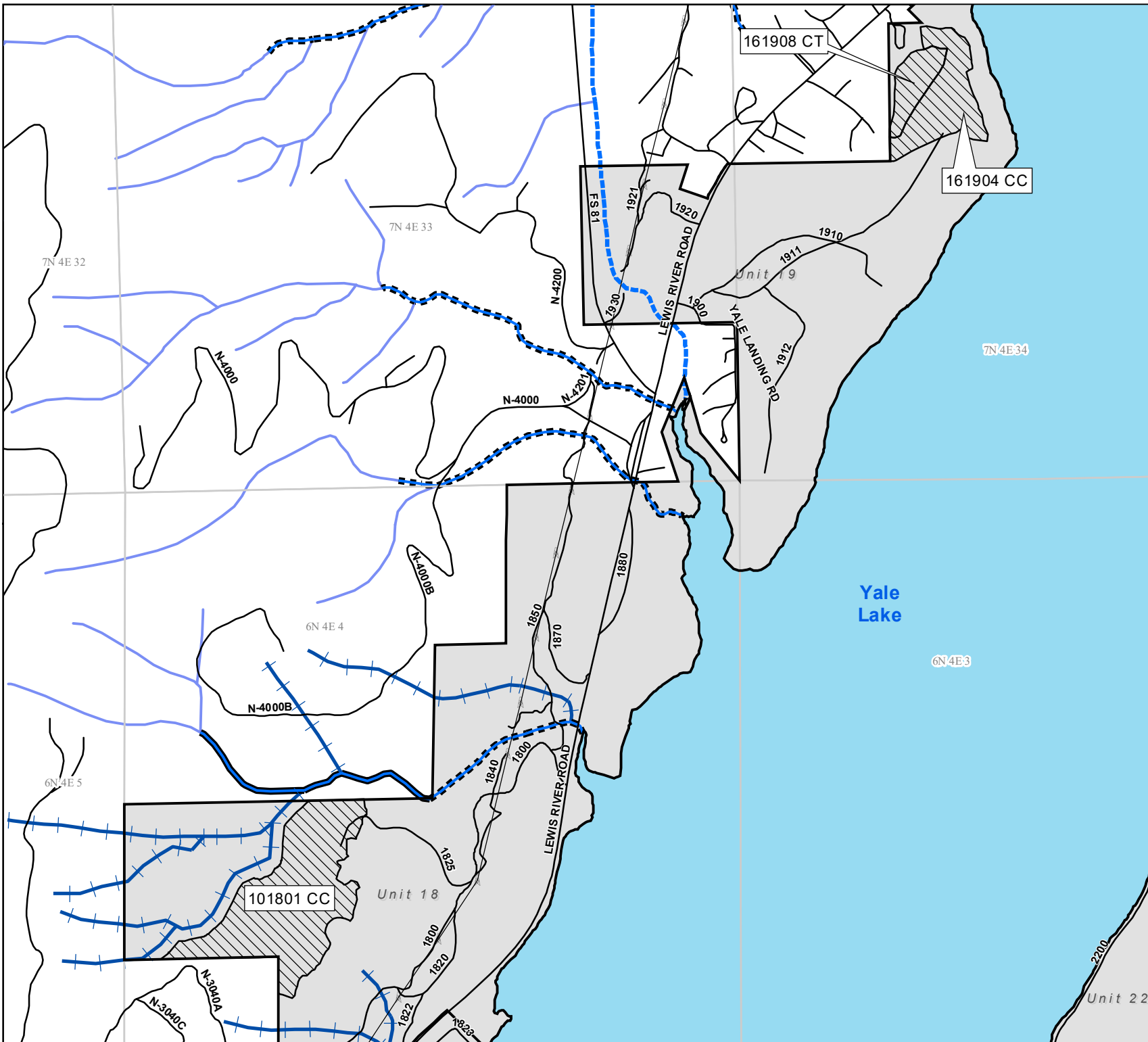
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-  Planting/Herbicide/Seedling
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-  PacifiCorp Transmission Line
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-  Non-fish Seasonal Stream
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-  Water Body
-  Wetland



Data projected in UTM Zone 10, NAD83, meters.



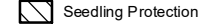
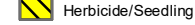
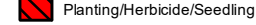
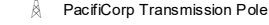
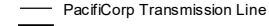
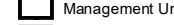
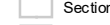


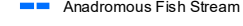
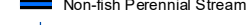
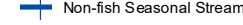
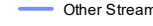

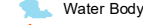

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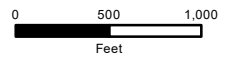
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Lewis River  
Wildlife Habitat  
Management Plan  
  
2022 Forestland  
Regeneration  
Maintenance Actions

Sheet 8 of 8

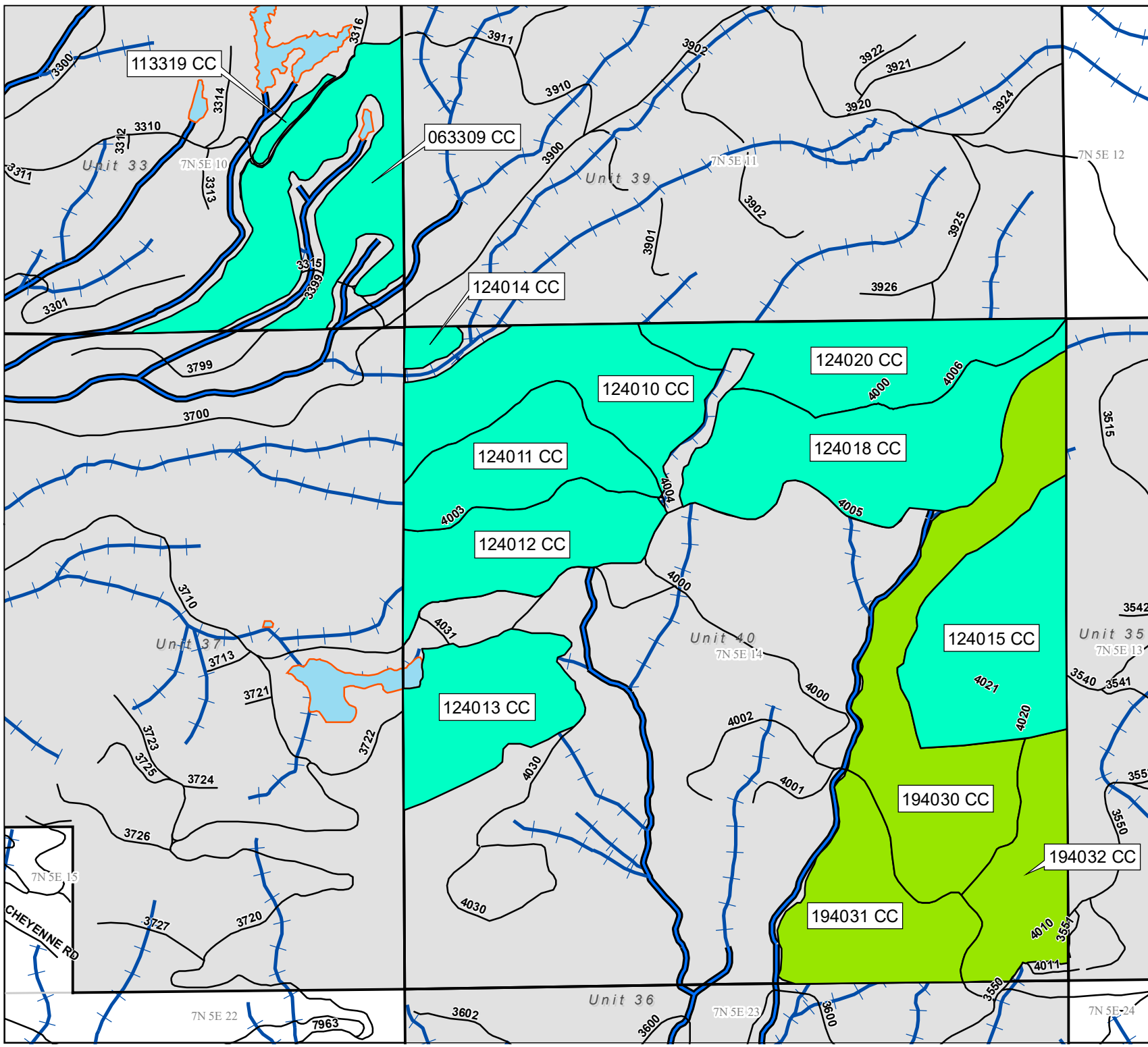
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-  Seedling Protection
-  Herbicide/Seedling
-  Planting/Herbicide/Seedling
-  PacifiCorp Transmission Pole
-  PacifiCorp Transmission Line
-  Management Unit
-  Section
-  PacifiCorp Ownership
-  Fish Stream
-  Anadromous Fish Stream
-  Non-fish Perennial Stream
-  Non-fish Seasonal Stream
-  Other Stream
-  Road
-  Water Body
-  Wetland



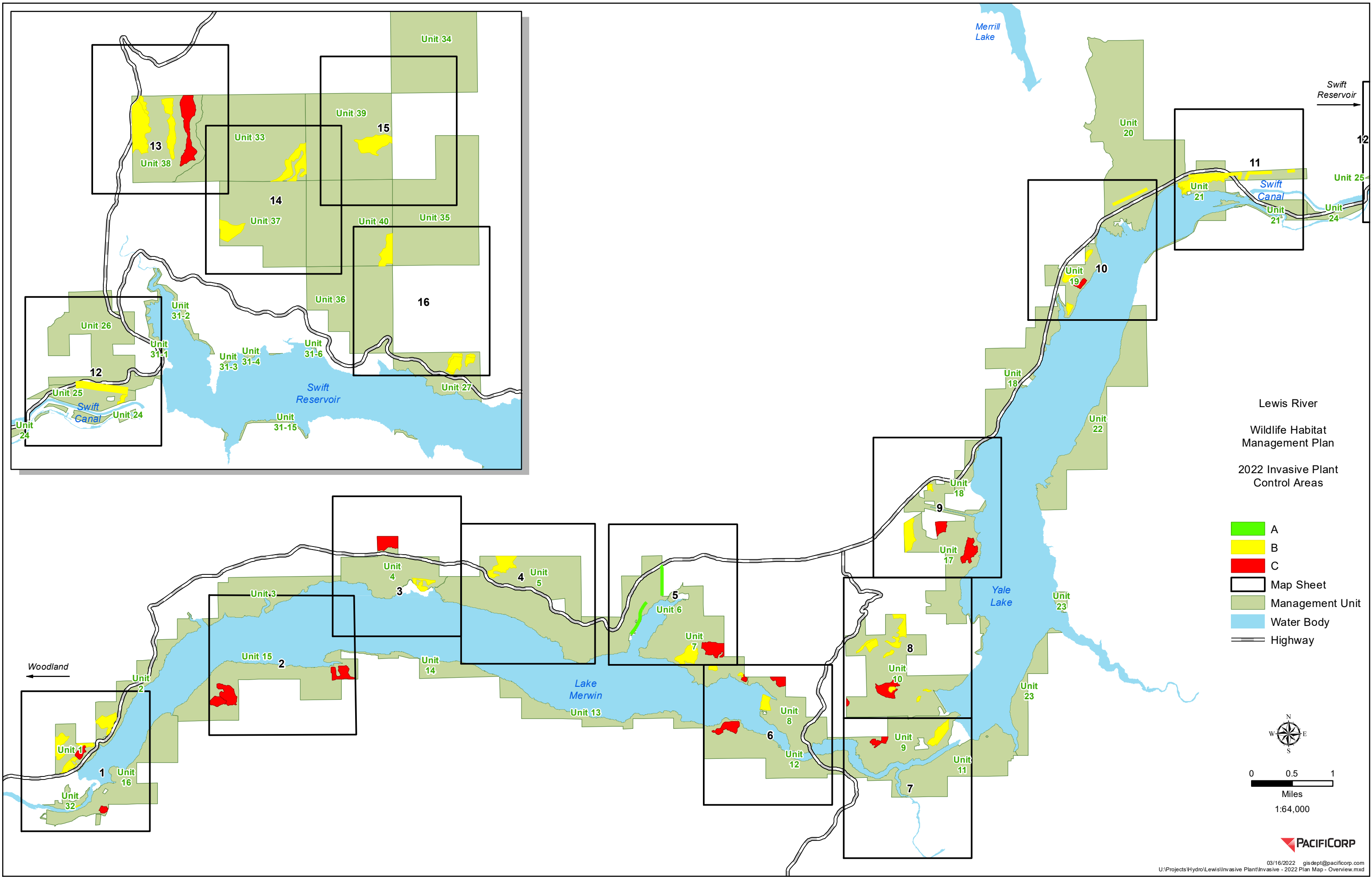
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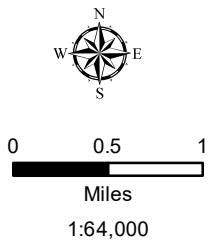


**APPENDIX E**  
**2022 INVASIVE PLANT SPECIES CONTROL MAPS**

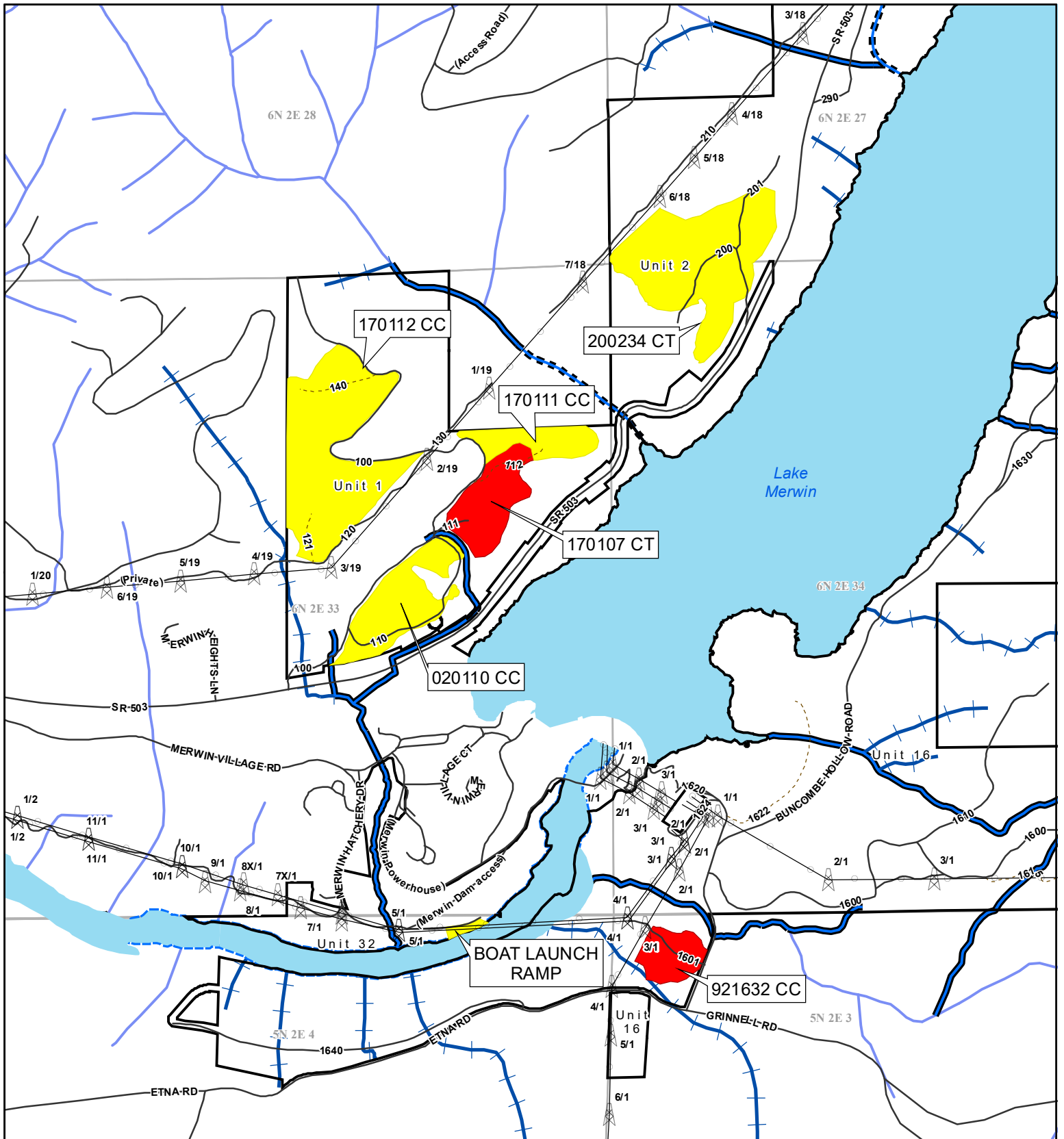


Lewis River  
 Wildlife Habitat Management Plan  
 2022 Invasive Plant Control Areas

- A
- B
- C
- Map Sheet
- Management Unit
- Water Body
- Highway







Lewis River

Wildlife Habitat Management Plan

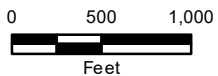
2022 Invasive Plant Control Areas

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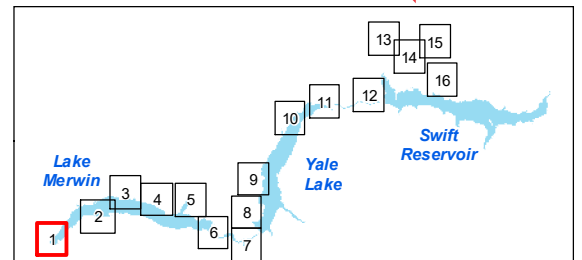
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- B
- C

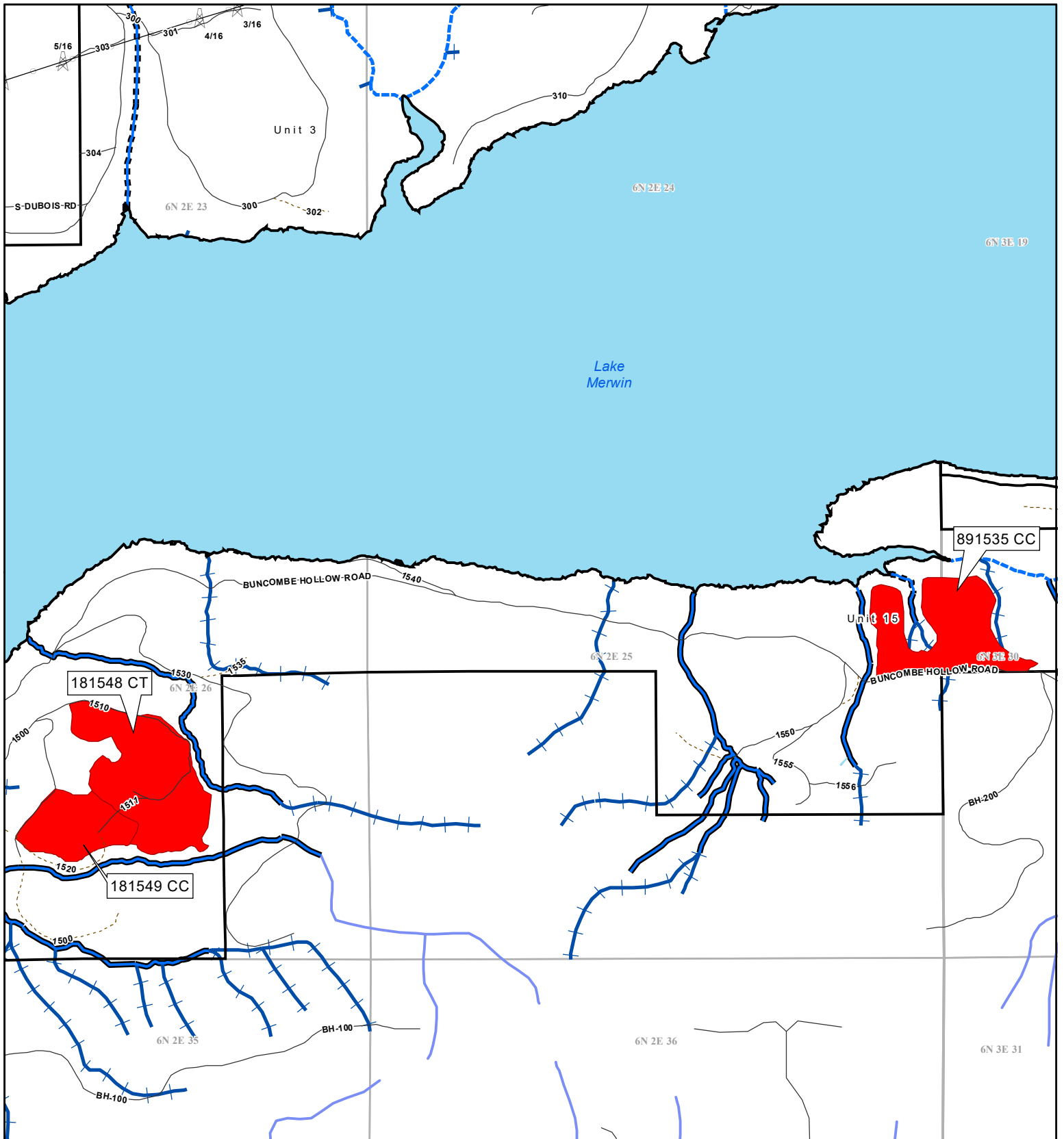
- Transmission Pole
- Transmission Line
- Road
- Abandoned Road

- Fish Stream
- Anadromous Fish Stream
- Non-fish Perennial Stream
- Non-fish Seasonal Stream
- Other Stream
- Water Body, Wetland
- Management Unit
- Township/Range
- Section



Sheet 1 of 16





Lewis River

Wildlife Habitat Management Plan

2022 Invasive Plant Control Areas

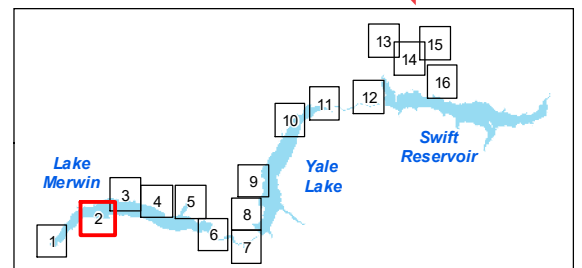


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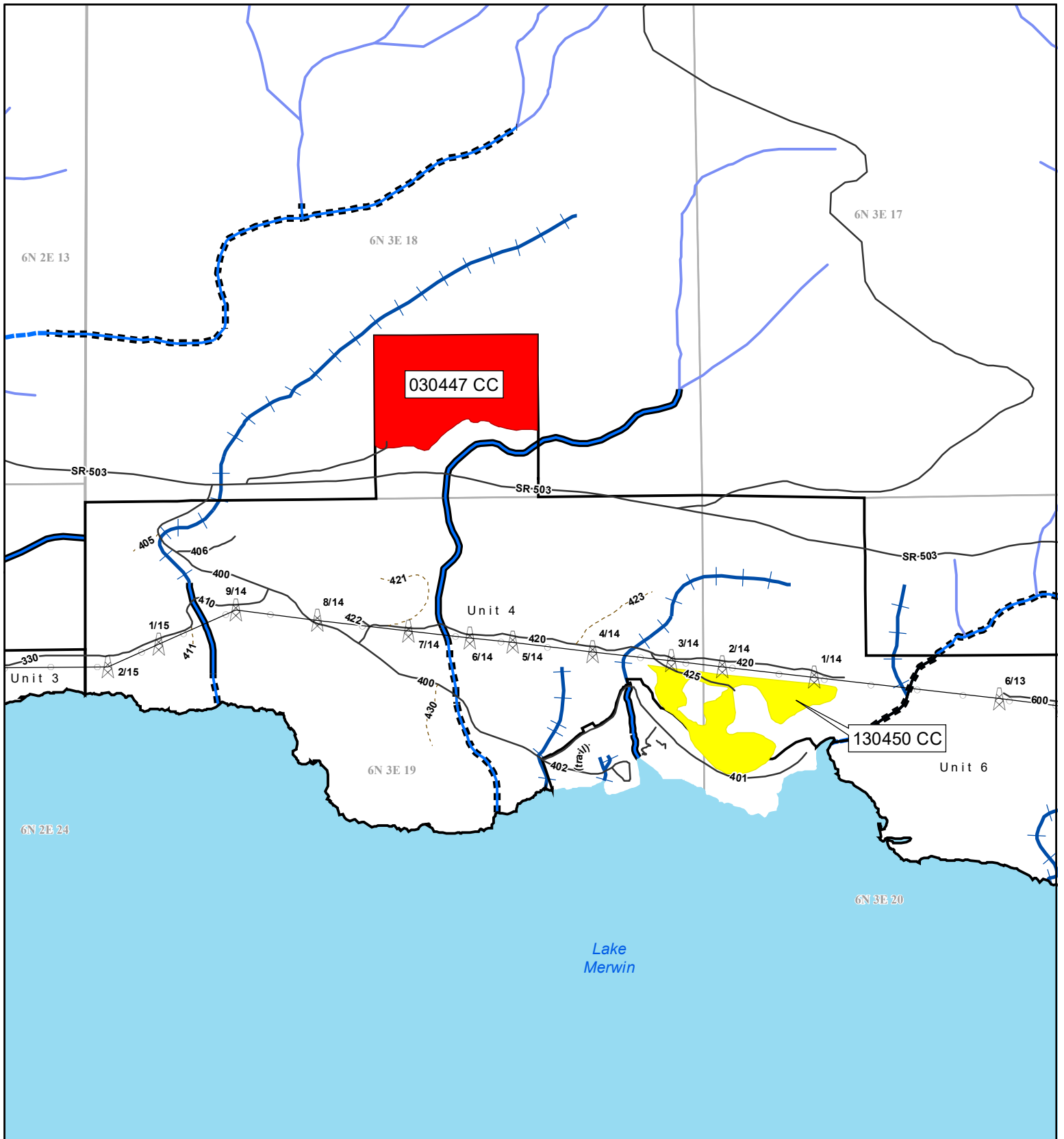
- A
- B
- C
- Transmission Pole
- Transmission Line
- Road
- Abandoned Road

- Fish Stream
- Anadromous Fish Stream
- Non-fish Perennial Stream
- Non-fish Seasonal Stream
- Other Stream
- Water Body, Wetland
- Management Unit
- Township/Range
- Section

Sheet 2 of 16



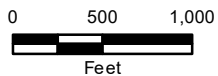




Lewis River

Wildlife Habitat Management Plan

2022 Invasive Plant Control Areas

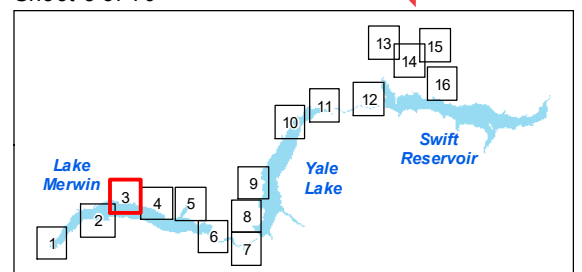


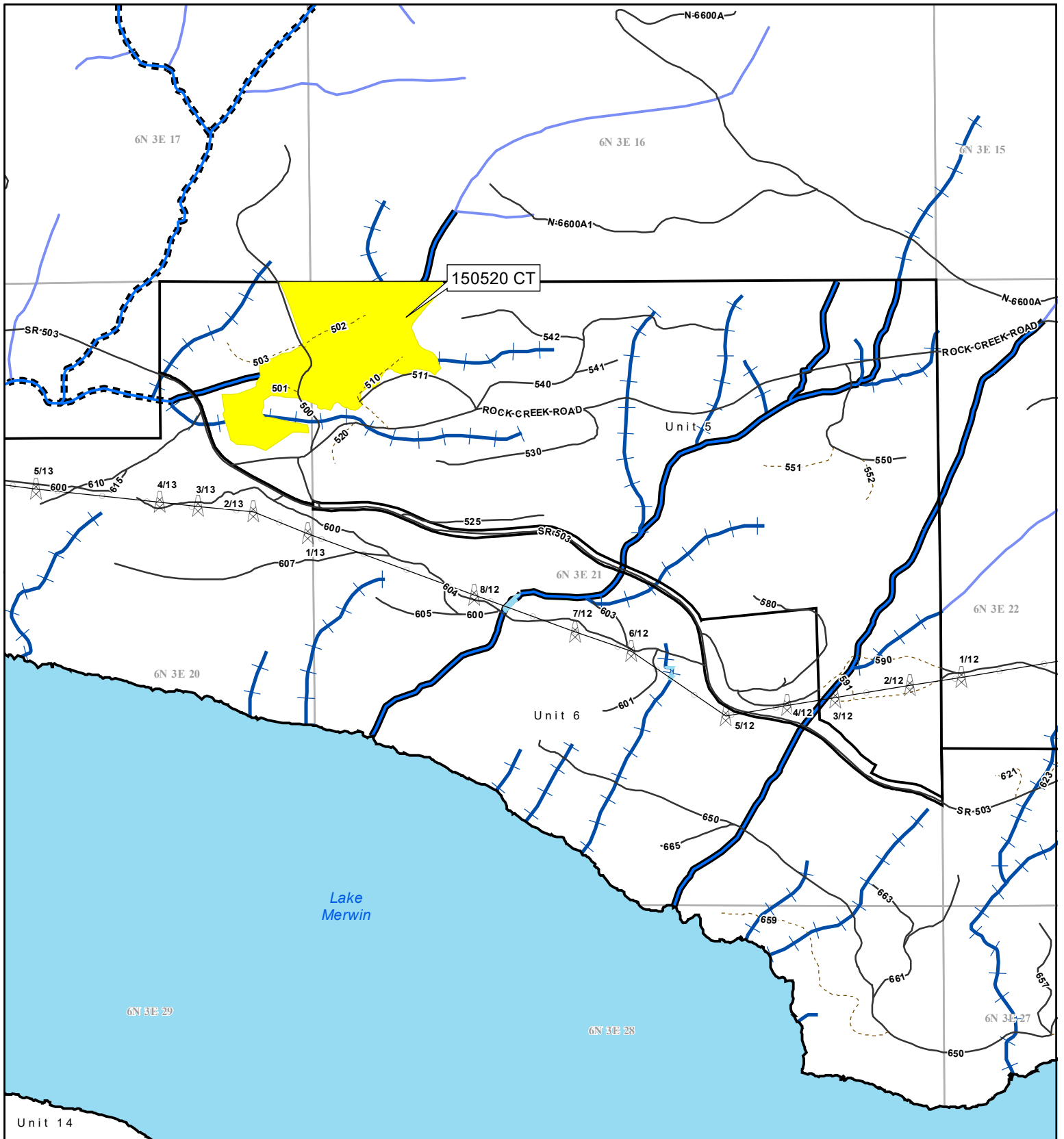
**Class**

- A
- B
- C
- Transmission Pole
- Transmission Line
- Road
- Abandoned Road

- Fish Stream
- Anadromous Fish Stream
- Non-fish Perennial Stream
- Non-fish Seasonal Stream
- Other Stream
- Water Body, Wetland
- Management Unit
- Township/Range
- Section

Sheet 3 of 16





Lewis River

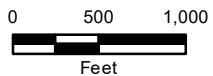
Wildlife Habitat Management Plan

2022 Invasive Plant Control Areas

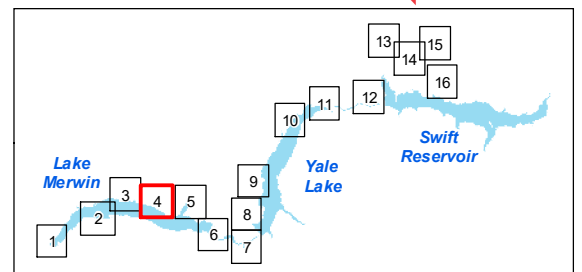
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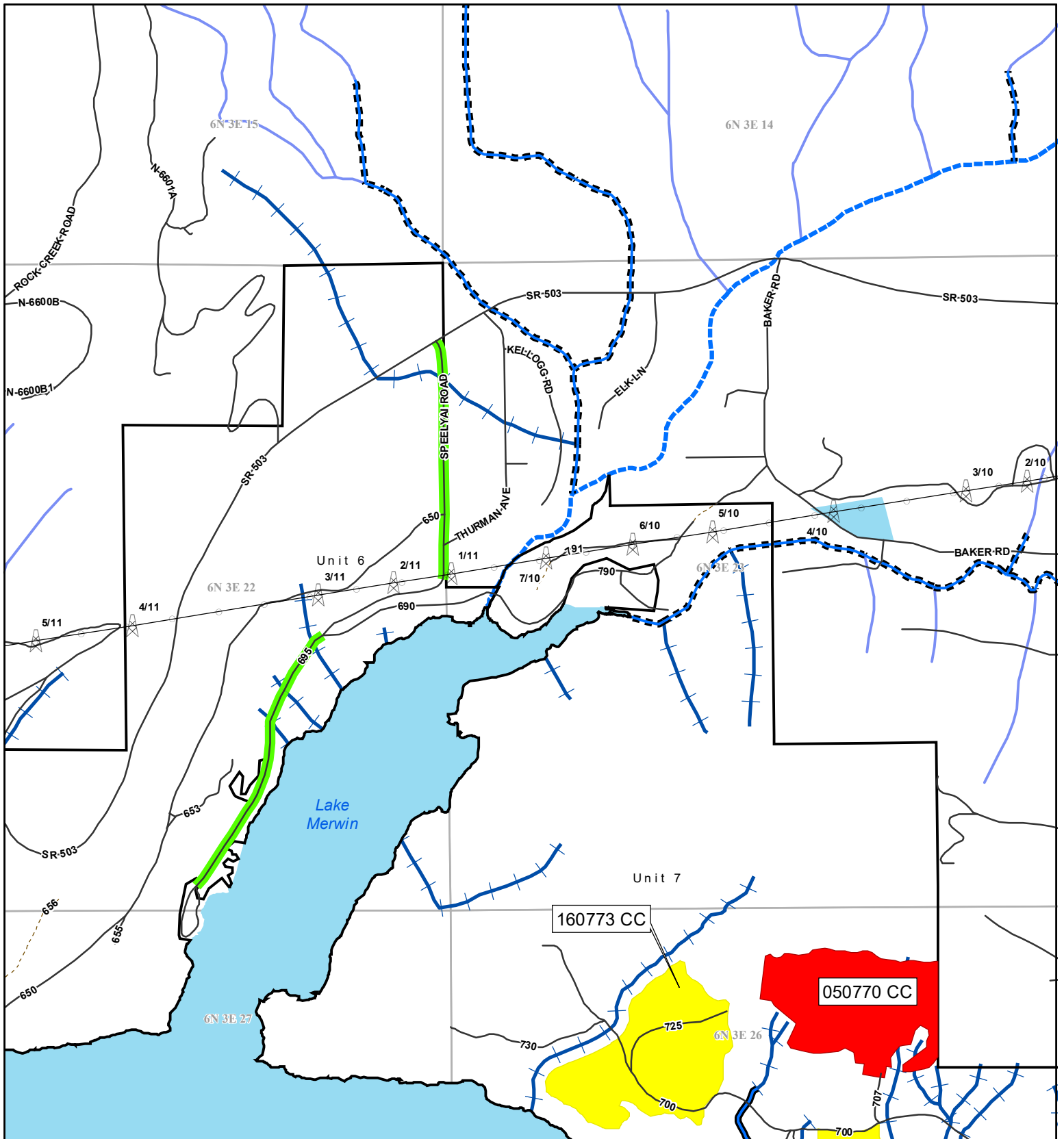
- A
- B
- C
- Transmission Pole
- Transmission Line
- Road
- Abandoned Road

- Fish Stream
- Anadromous Fish Stream
- Non-fish Perennial Stream
- Non-fish Seasonal Stream
- Other Stream
- Water Body, Wetland
- Management Unit
- Township/Range
- Section



Sheet 4 of 16

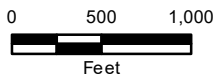




Lewis River

Wildlife Habitat Management Plan

2022 Invasive Plant Control Areas

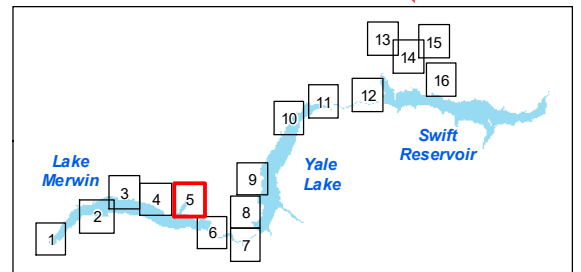


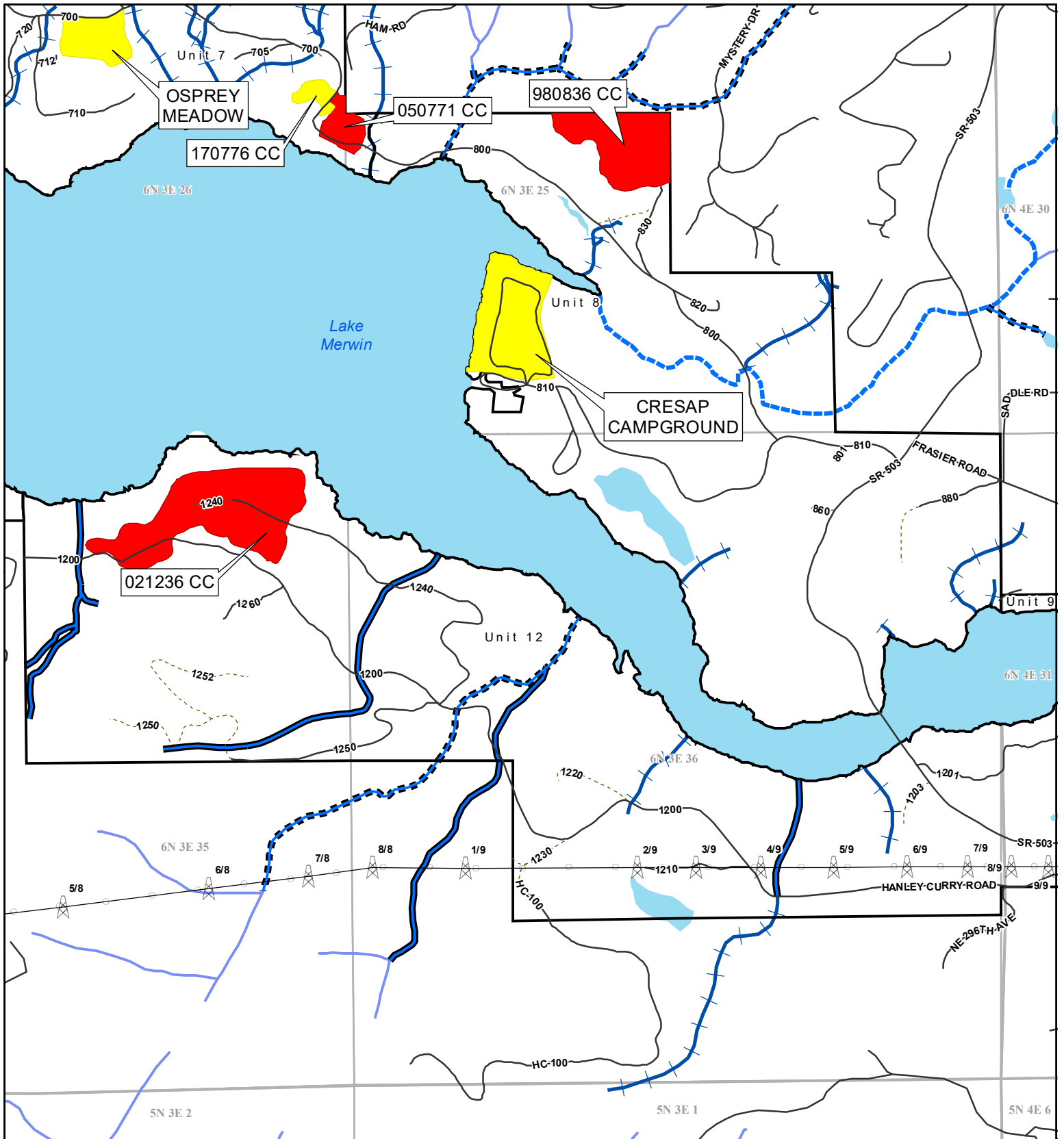
Class

- A
- B
- C
- Transmission Pole
- Transmission Line
- Road
- Abandoned Road

- Fish Stream
- Anadromous Fish Stream
- Non-fish Perennial Stream
- Non-fish Seasonal Stream
- Other Stream
- Water Body, Wetland
- Management Unit
- Township/Range
- Section

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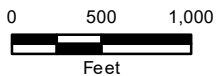




Lewis River

**Wildlife Habitat Management Plan**

**2022 Invasive Plant Control Areas**

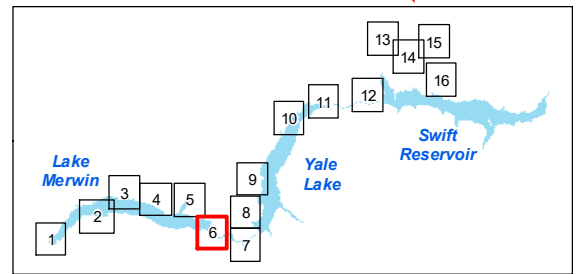


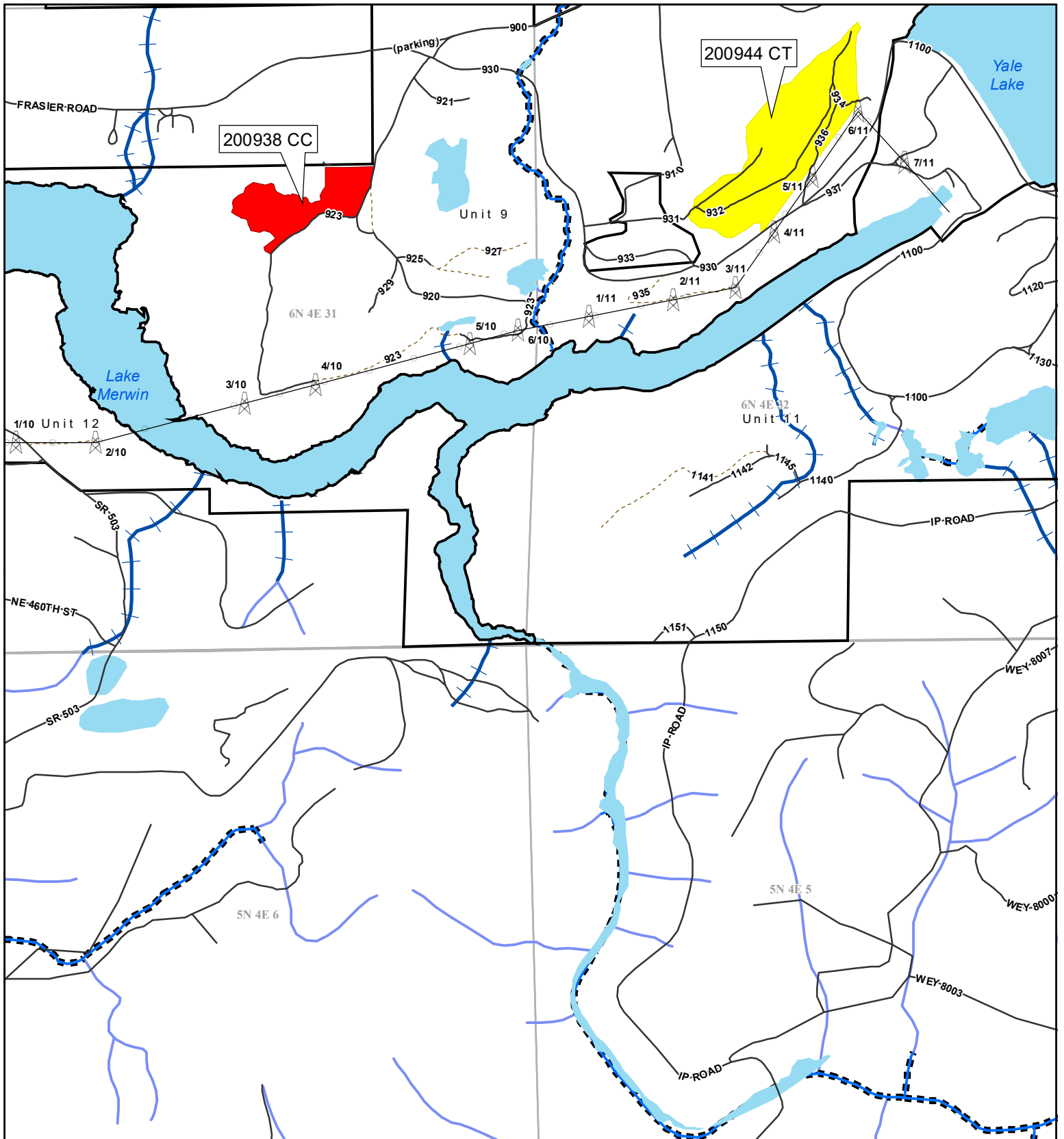
**Class**

- A
- B
- C
- Transmission Pole
- Transmission Line
- Road
- Abandoned Road

- Fish Stream
- Anadromous Fish Stream
- Non-fish Perennial Stream
- Non-fish Seasonal Stream
- Other Stream
- Water Body, Wetland
- Management Unit
- Township/Range
- Section

Sheet 6 of 16





Lewis River

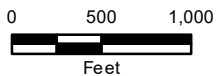
Wildlife Habitat Management Plan

2022 Invasive Plant Control Areas

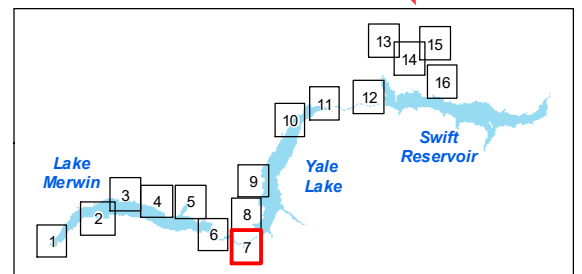
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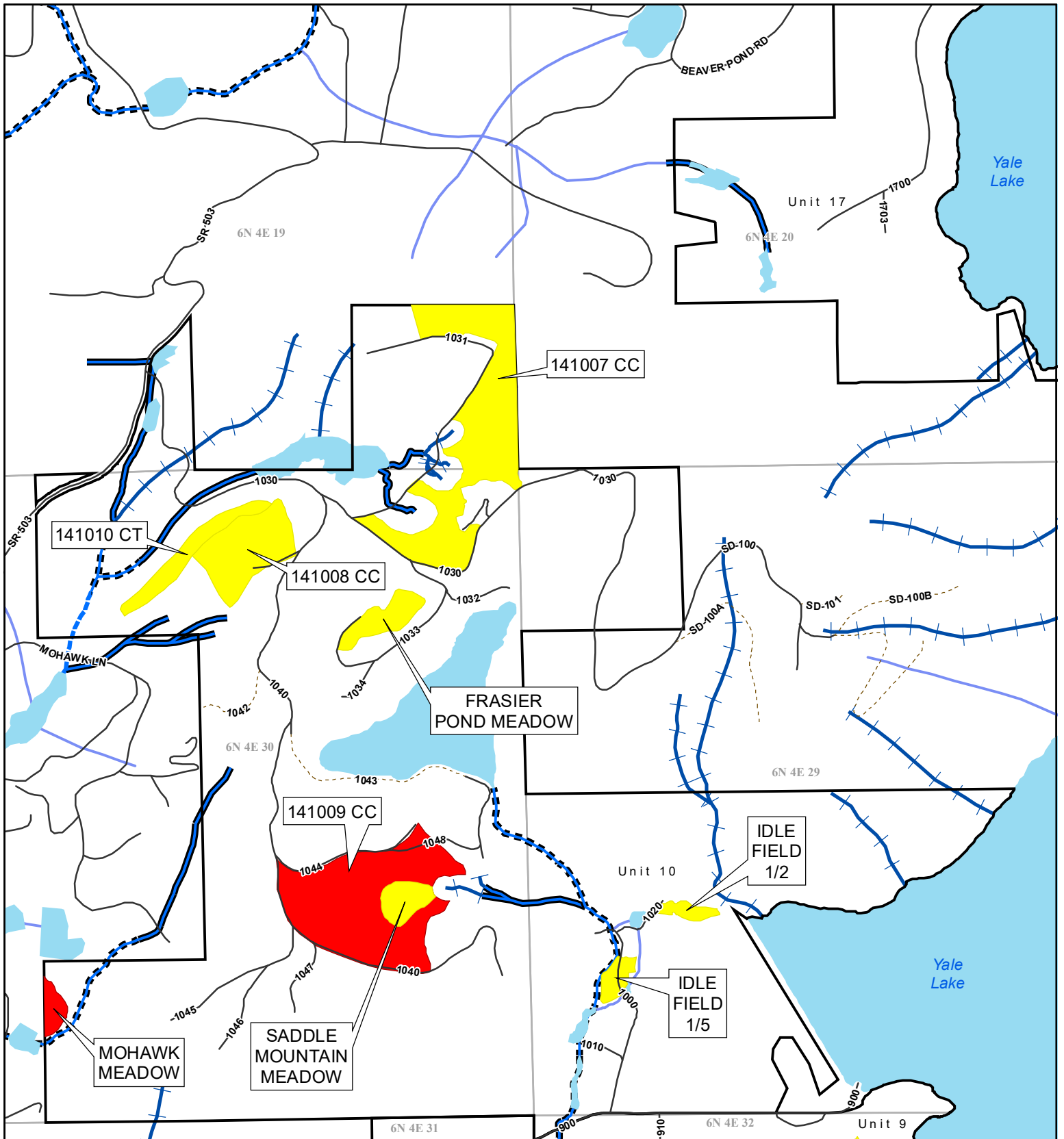
- A
- B
- C
- Transmission Pole
- Transmission Line
- Road
- Abandoned Road

- Fish Stream
- Anadromous Fish Stream
- Non-fish Perennial Stream
- Non-fish Seasonal Stream
- Other Stream
- Water Body, Wetland
- Management Unit
- Township/Range
- Section



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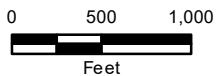




Lewis River

**Wildlife Habitat Management Plan**

**2022 Invasive Plant Control Areas**

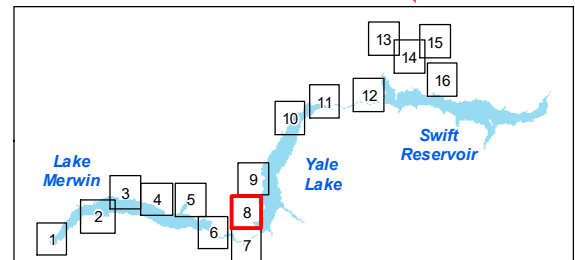


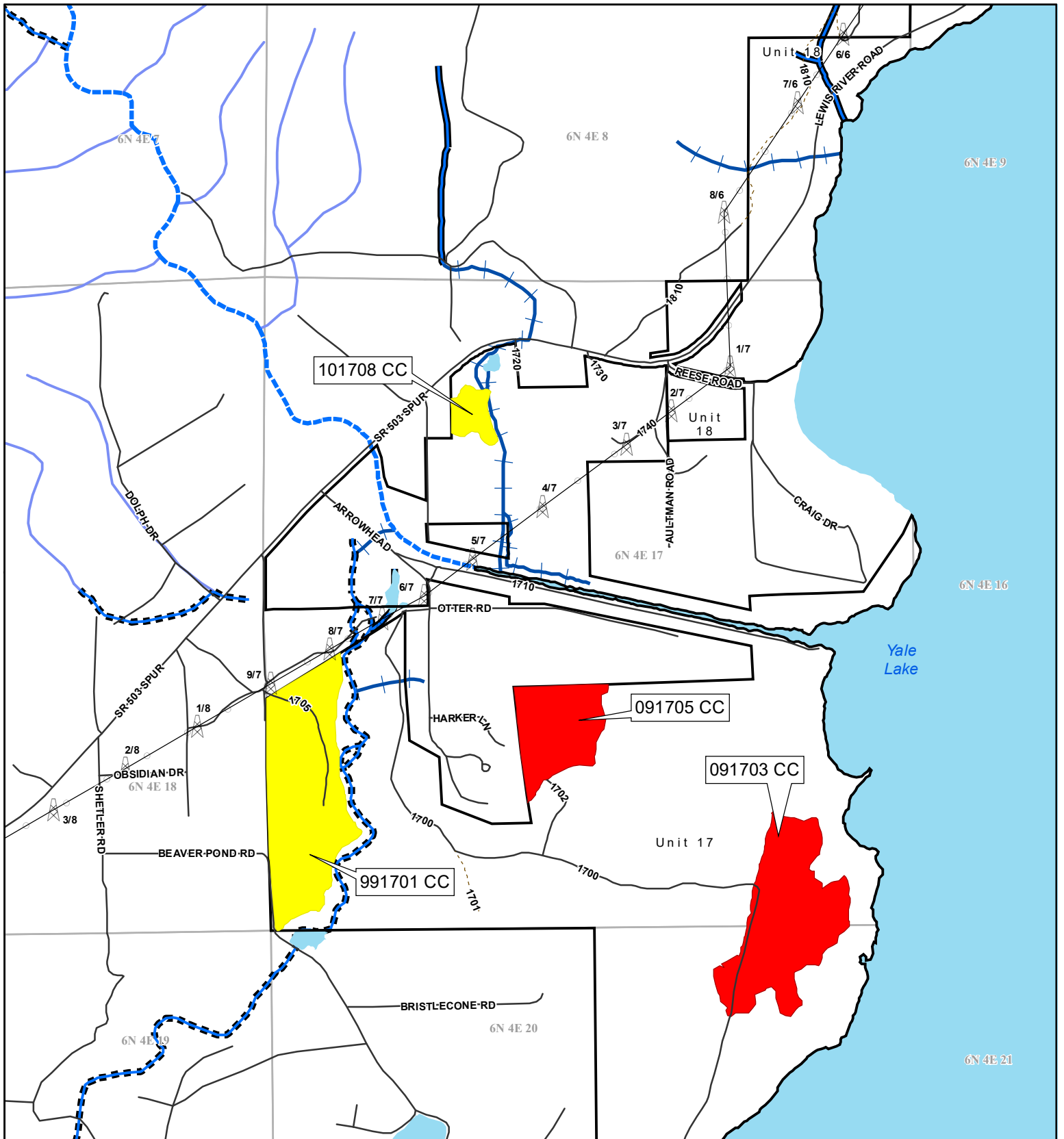
**Class**

- A
- B
- C
- Transmission Pole
- Transmission Line
- Road
- Abandoned Road

- Fish Stream
- Anadromous Fish Stream
- Non-fish Perennial Stream
- Non-fish Seasonal Stream
- Other Stream
- Water Body, Wetland
- Management Unit
- Township/Range
- Section

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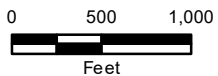




Lewis River

**Wildlife Habitat Management Plan**

**2022 Invasive Plant Control Areas**

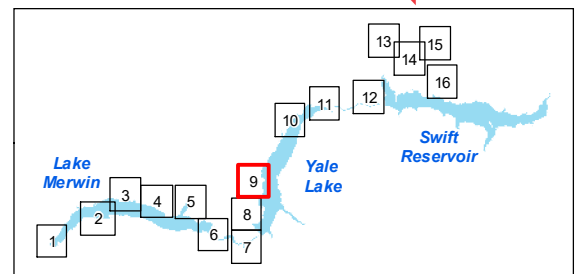


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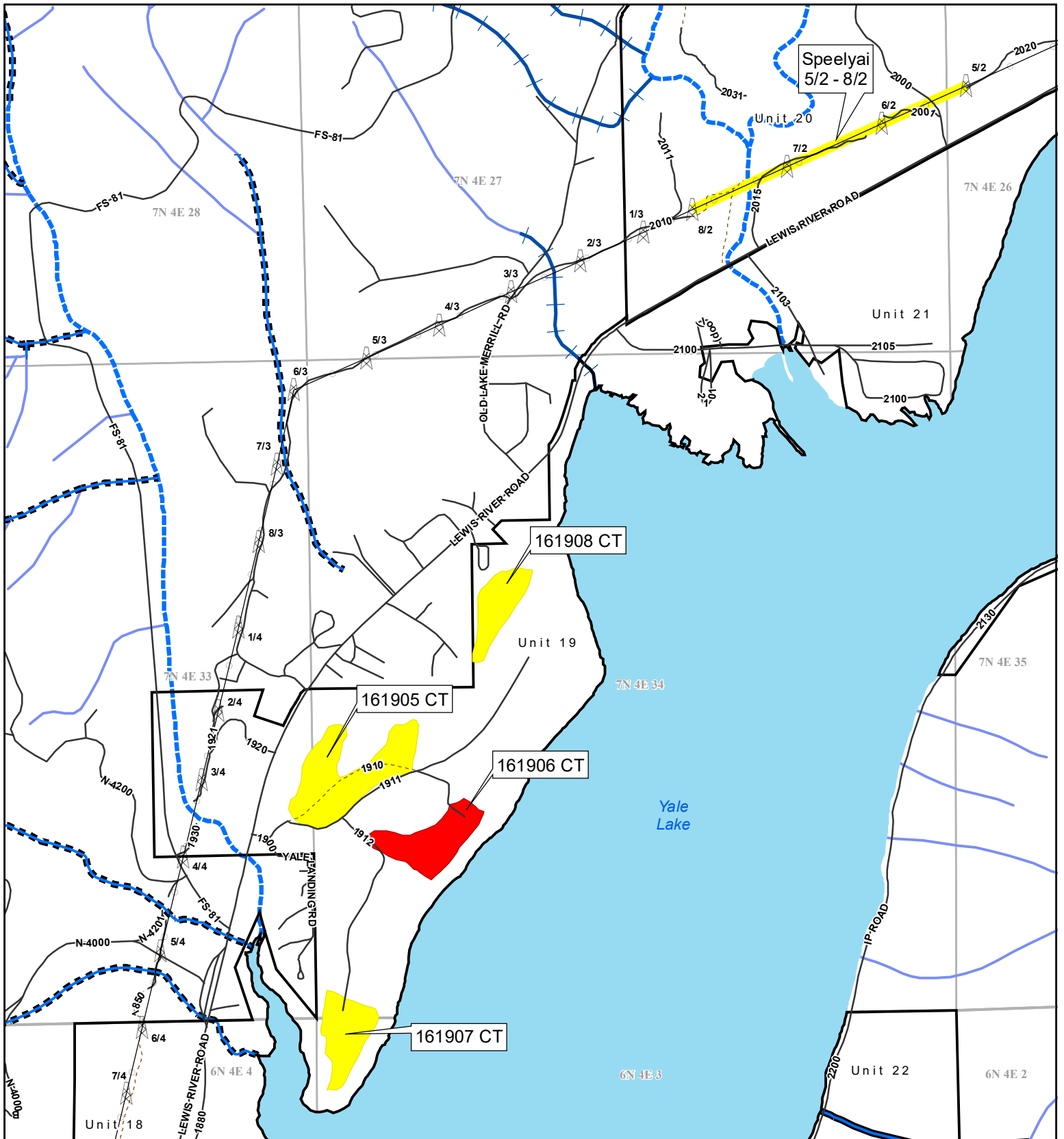
- A
- B
- C
- Transmission Pole
- Transmission Line
- Road
- Abandoned Road

- Fish Stream
- Anadromous Fish Stream
- Non-fish Perennial Stream
- Non-fish Seasonal Stream
- Other Stream
- Water Body, Wetland
- Management Unit
- Township/Range
- Section

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Lewis River

**Wildlife Habitat Management Plan**

**2022 Invasive Plant Control Areas**

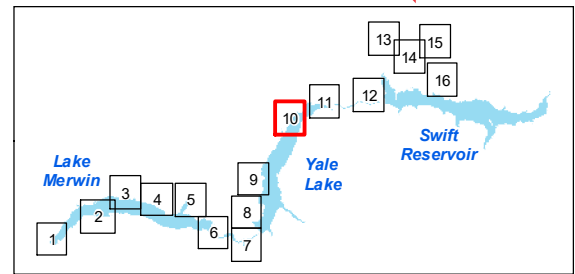


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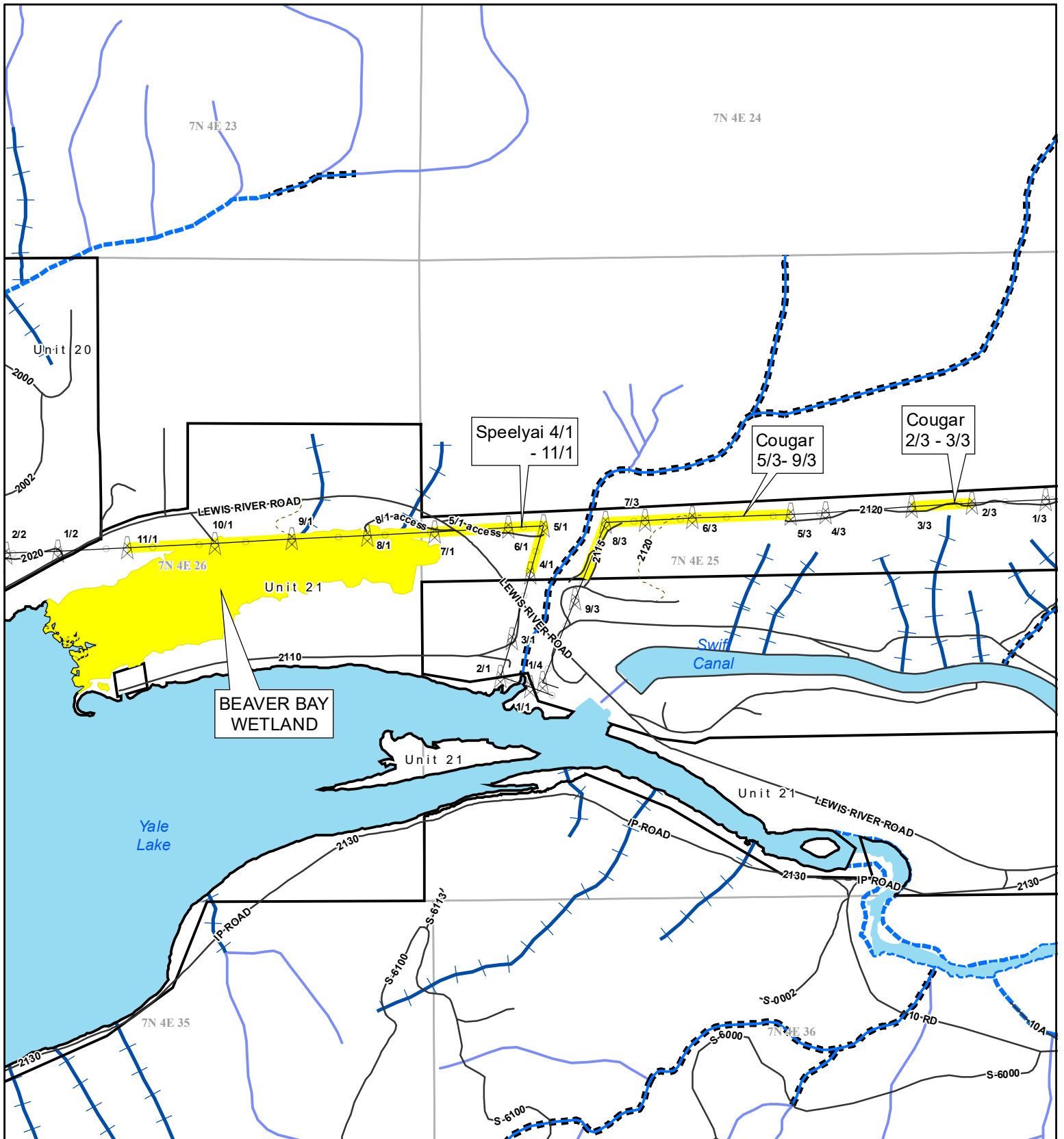
- A
- B
- C
- Transmission Pole
- Transmission Line
- Road
- Abandoned Road

- Fish Stream
- Anadromous Fish Stream
- Non-fish Perennial Stream
- Non-fish Seasonal Stream
- Other Stream
- Water Body, Wetland
- Management Unit
- Township/Range
- Section

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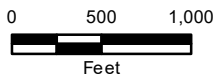




Lewis River

Wildlife Habitat Management Plan

2022 Invasive Plant Control Areas

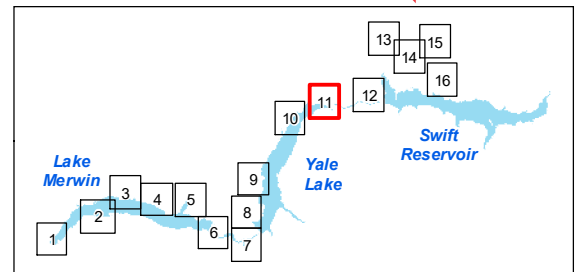


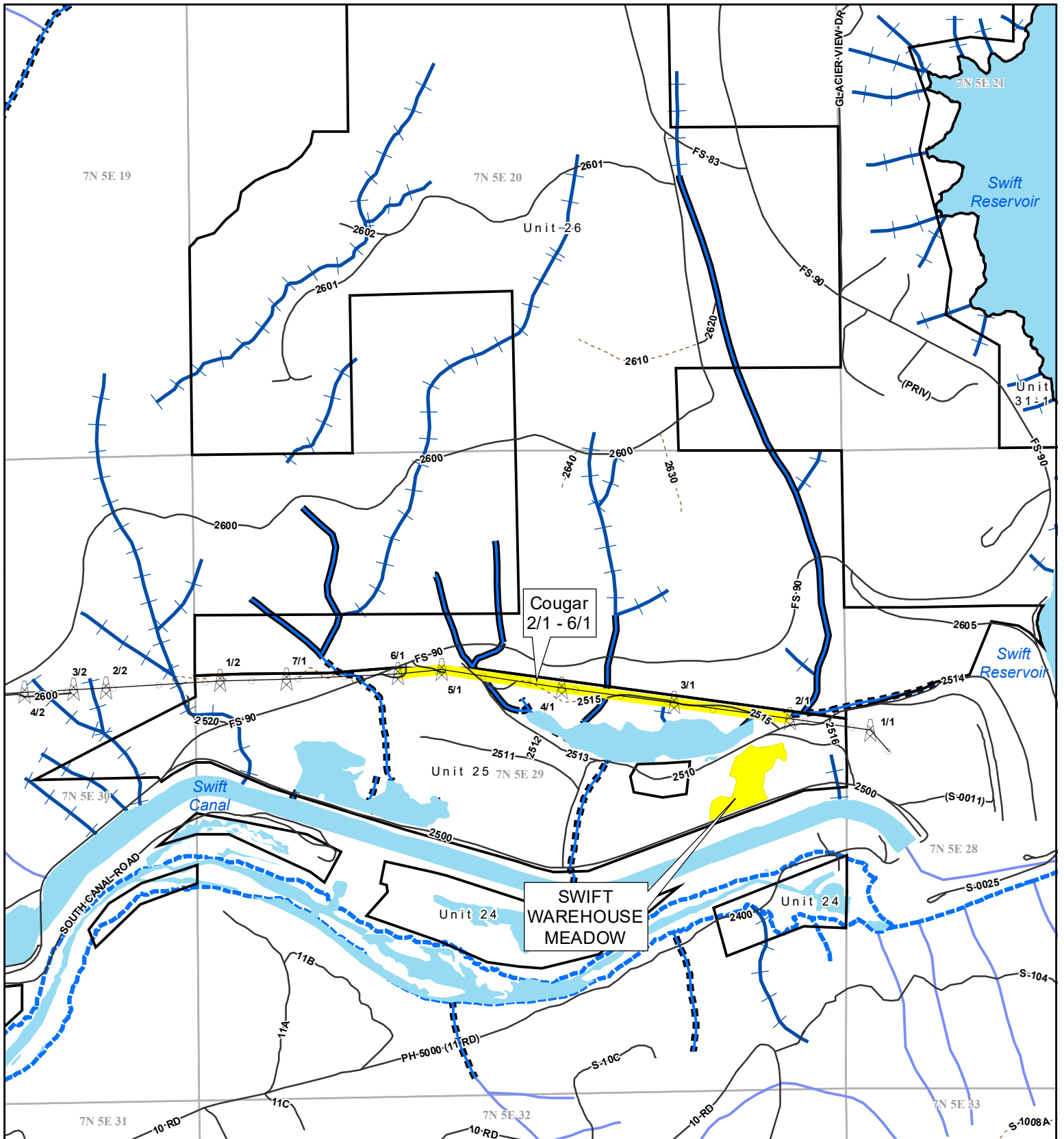
**Class**

- A
- B
- C
- Transmission Pole
- Transmission Line
- Road
- Abandoned Road

- Fish Stream
- Anadromous Fish Stream
- Non-fish Perennial Stream
- Non-fish Seasonal Stream
- Other Stream
- Water Body, Wetland
- Management Unit
- Township/Range
- Section

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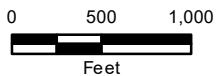




Lewis River

Wildlife Habitat Management Plan

2022 Invasive Plant Control Areas

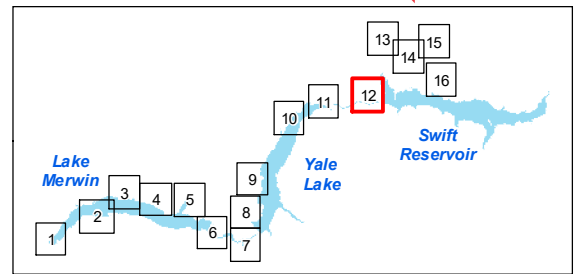


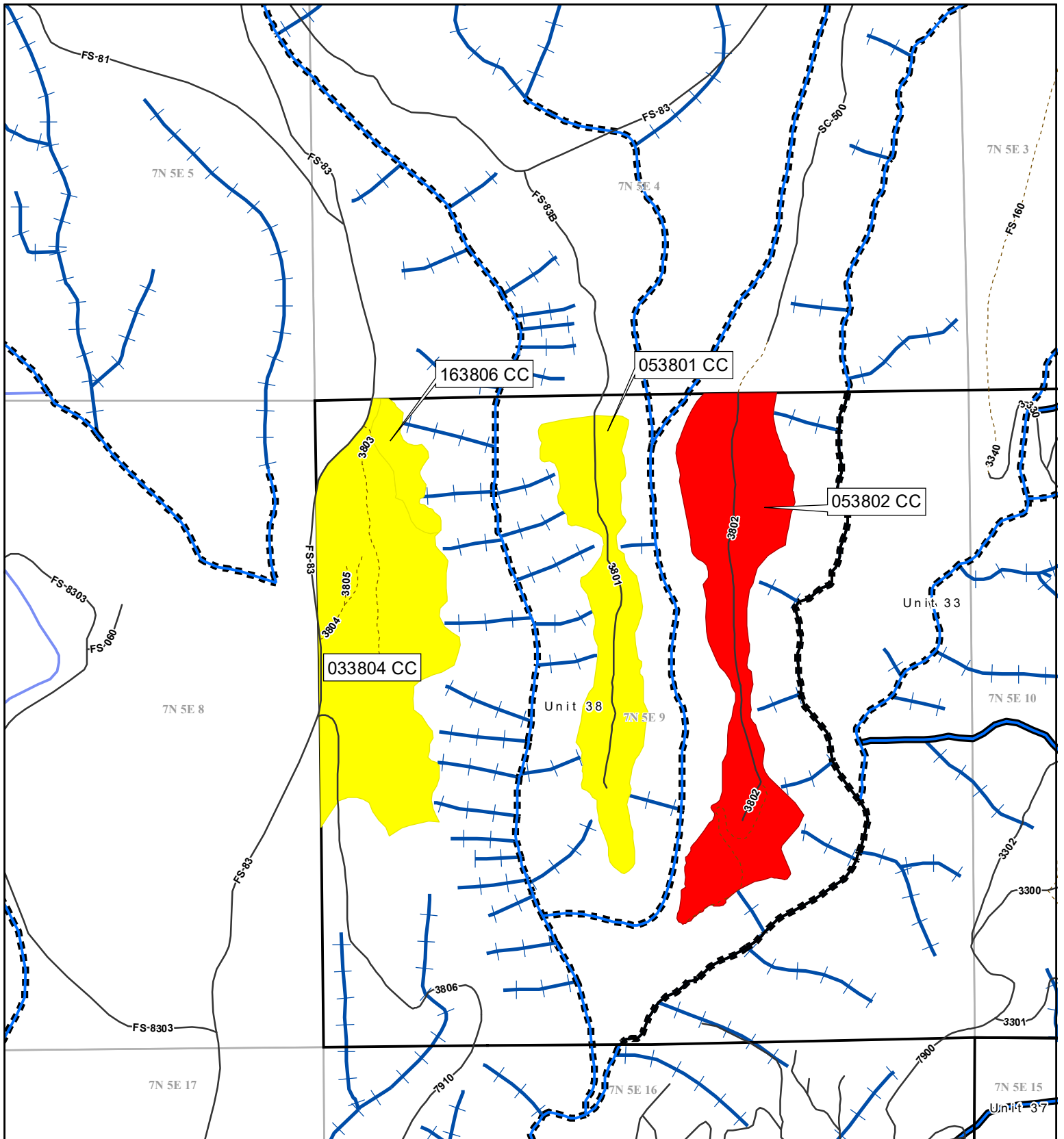
Class

- A
- B
- C
- Transmission Pole
- Transmission Line
- Road
- Abandoned Road

- Fish Stream
- Anadromous Fish Stream
- Non-fish Perennial Stream
- Non-fish Seasonal Stream
- Other Stream
- Water Body, Wetland
- Management Unit
- Township/Range
- Section

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Lewis River

Wildlife Habitat Management Plan

2022 Invasive Plant Control Areas

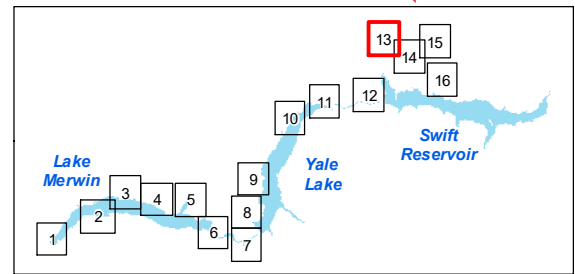


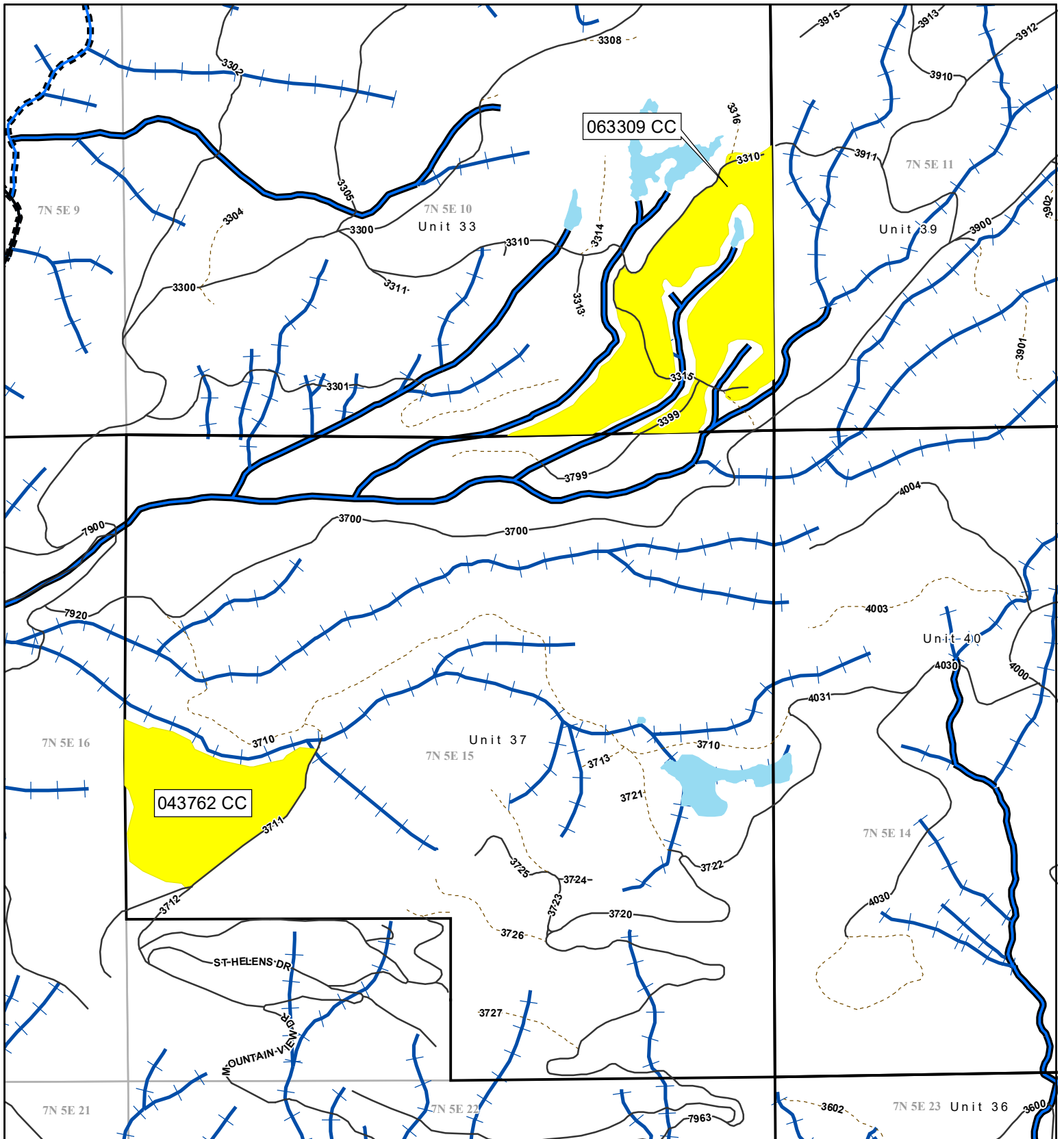
**Class**

- A
- B
- C
- Transmission Pole
- Transmission Line
- Road
- Abandoned Road

- Fish Stream
- Anadromous Fish Stream
- Non-fish Perennial Stream
- Non-fish Seasonal Stream
- Other Stream
- Water Body, Wetland
- Management Unit
- Township/Range
- Section

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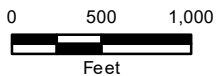




Lewis River

**Wildlife Habitat Management Plan**

**2022 Invasive Plant Control Areas**

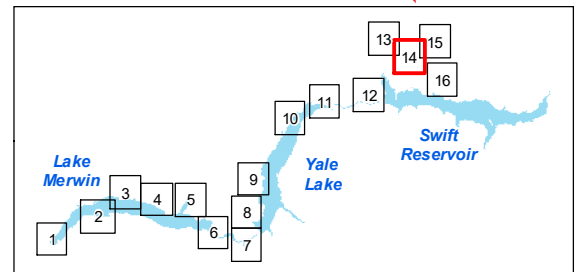


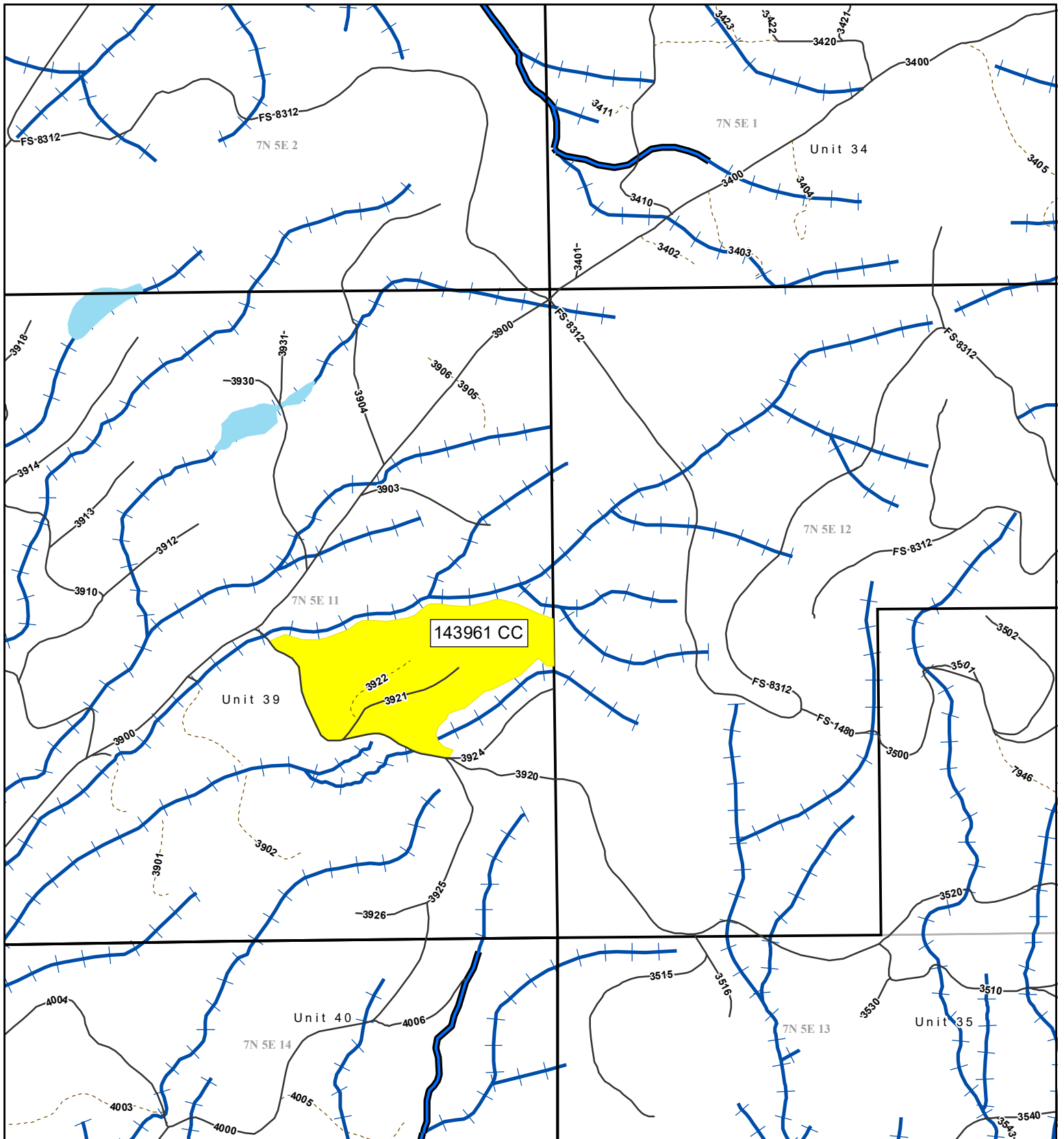
**Class**

- A
- B
- C
- Transmission Pole
- Transmission Line
- Road
- Abandoned Road

- Fish Stream
- Anadromous Fish Stream
- Non-fish Perennial Stream
- Non-fish Seasonal Stream
- Other Stream
- Water Body, Wetland
- Management Unit
- Township/Range
- Section

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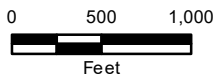




Lewis River

**Wildlife Habitat Management Plan**

**2022 Invasive Plant Control Areas**

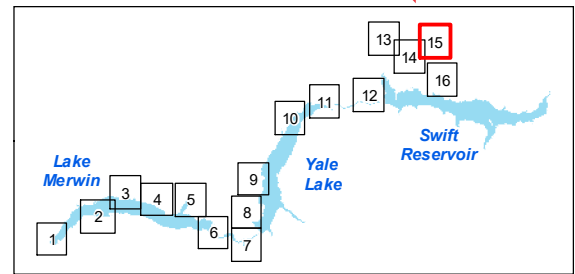


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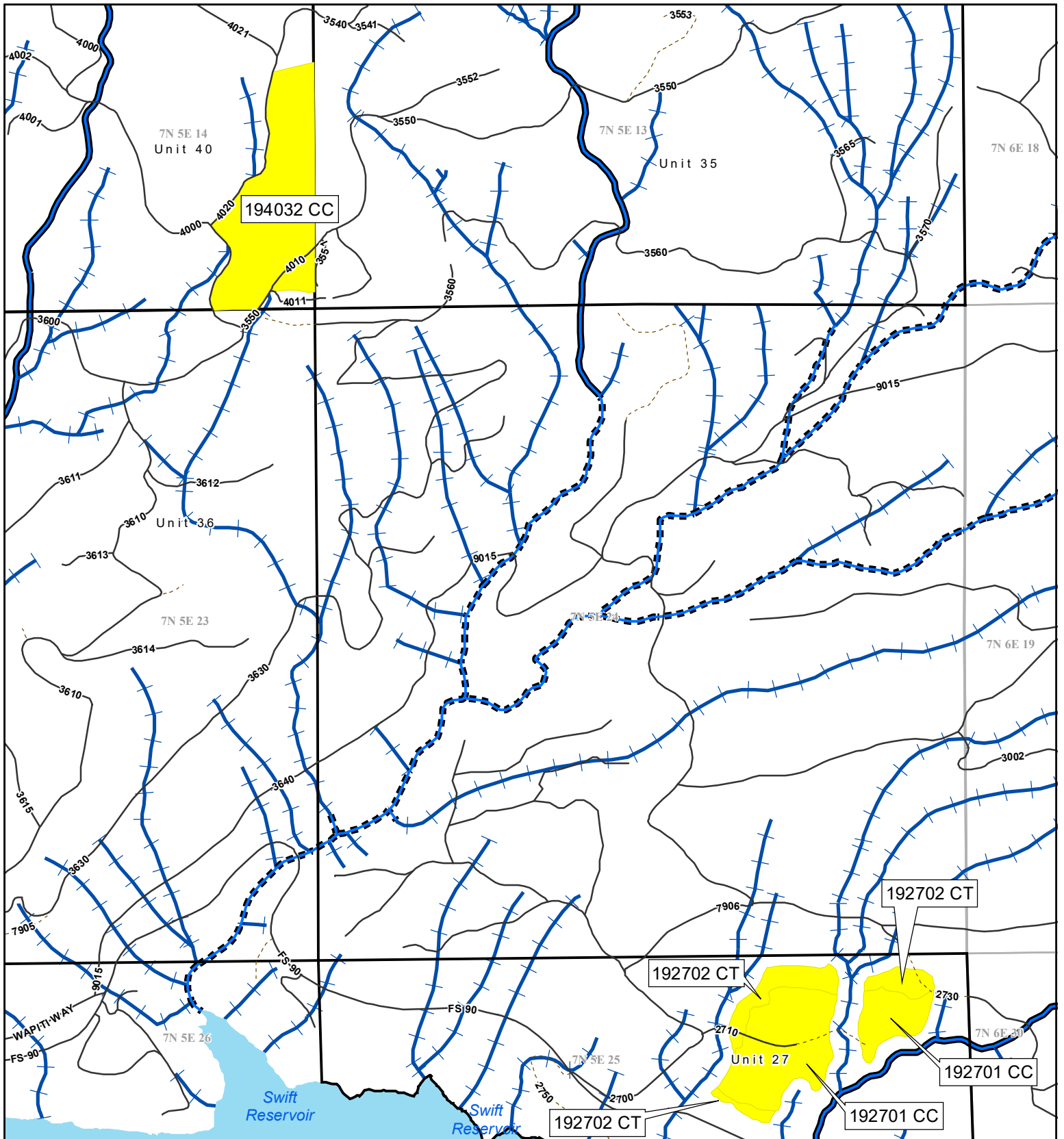
- A
- B
- C
- Transmission Pole
- Transmission Line
- Road
- Abandoned Road

- Fish Stream
- Anadromous Fish Stream
- Non-fish Perennial Stream
- Non-fish Seasonal Stream
- Other Stream
- Water Body, Wetland
- Management Unit
- Township/Range
- Section

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Lewis River

Wildlife Habitat Management Plan

2022 Invasive Plant Control Areas

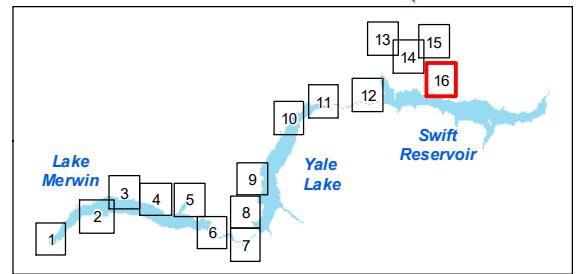


**Class**

- A
- B
- C
- Transmission Pole
- Transmission Line
- Road
- Abandoned Road

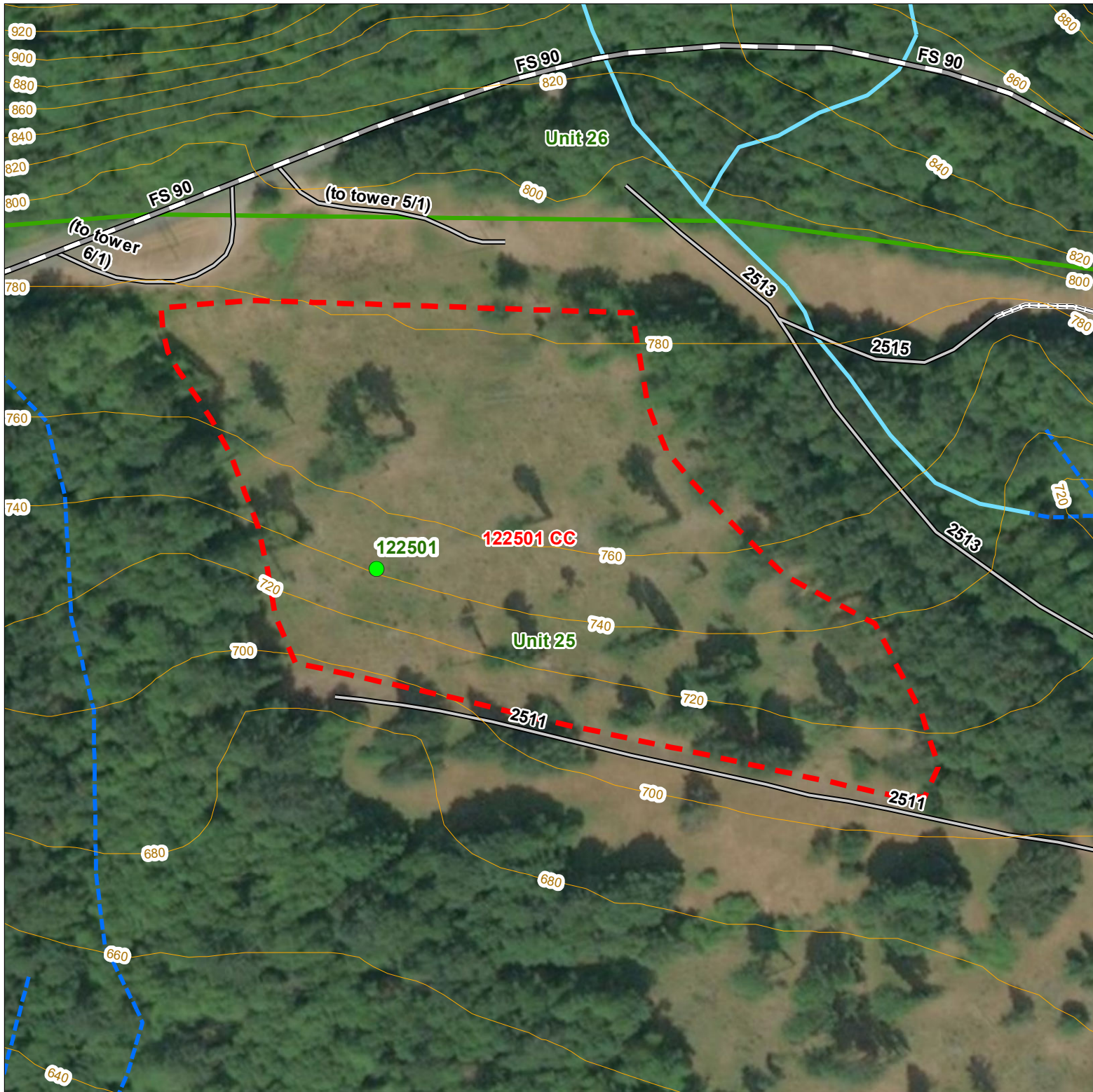
- Fish Stream
- Anadromous Fish Stream
- Non-fish Perennial Stream
- Non-fish Seasonal Stream
- Other Stream
- Water Body, Wetland
- Management Unit
- Township/Range
- Section

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**APPENDIX F**  
**WILDLIFE FORAGE MONITORING MAP**



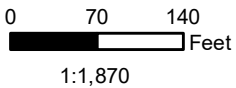


### Wildlife Forage Monitoring

Harvest: 122501 CC  
 Unit: 25  
 Year: 2012

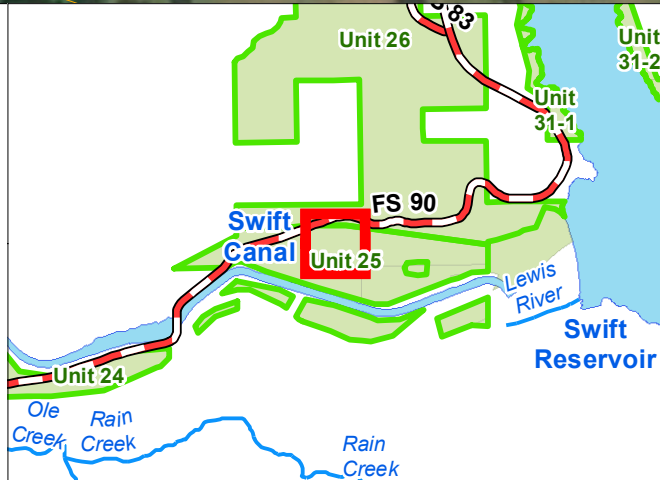
- Habitat Enhancement Monitoring Project Plots
- Grass and Legume Seed Germination Test Plot
- Shrubland Test Plot
- Meadow
- Shrubland Study Area
- Grass/Legume Seeding Areas
- Harvest Area

- Management Unit
- Highway
- Road
- Abandon Road
- Contour (20')
- Fish Stream
- Non-fish Perennial
- Non-fish Seasonal



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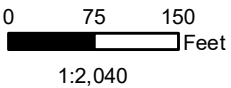
Unit 24

### Wildlife Forage Monitoring

Harvest: 122502 CC  
 Unit: 25  
 Year: 2012

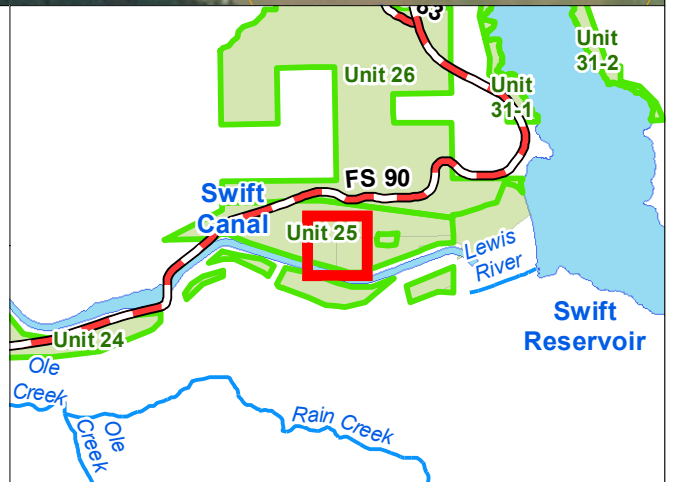
- Habitat Enhancement Monitoring Project Plots
- Grass and Legume Seed Germination Test Plot
- Shrubland Test Plot
- Meadow
- Shrubland Study Area
- Grass/Legume Seeding Areas
- Harvest Area

- Management Unit
- Highway
- Road
- Abandon Road
- Contour (20')
- Fish Stream
- Non-fish Perennial
- Non-fish Seasonal

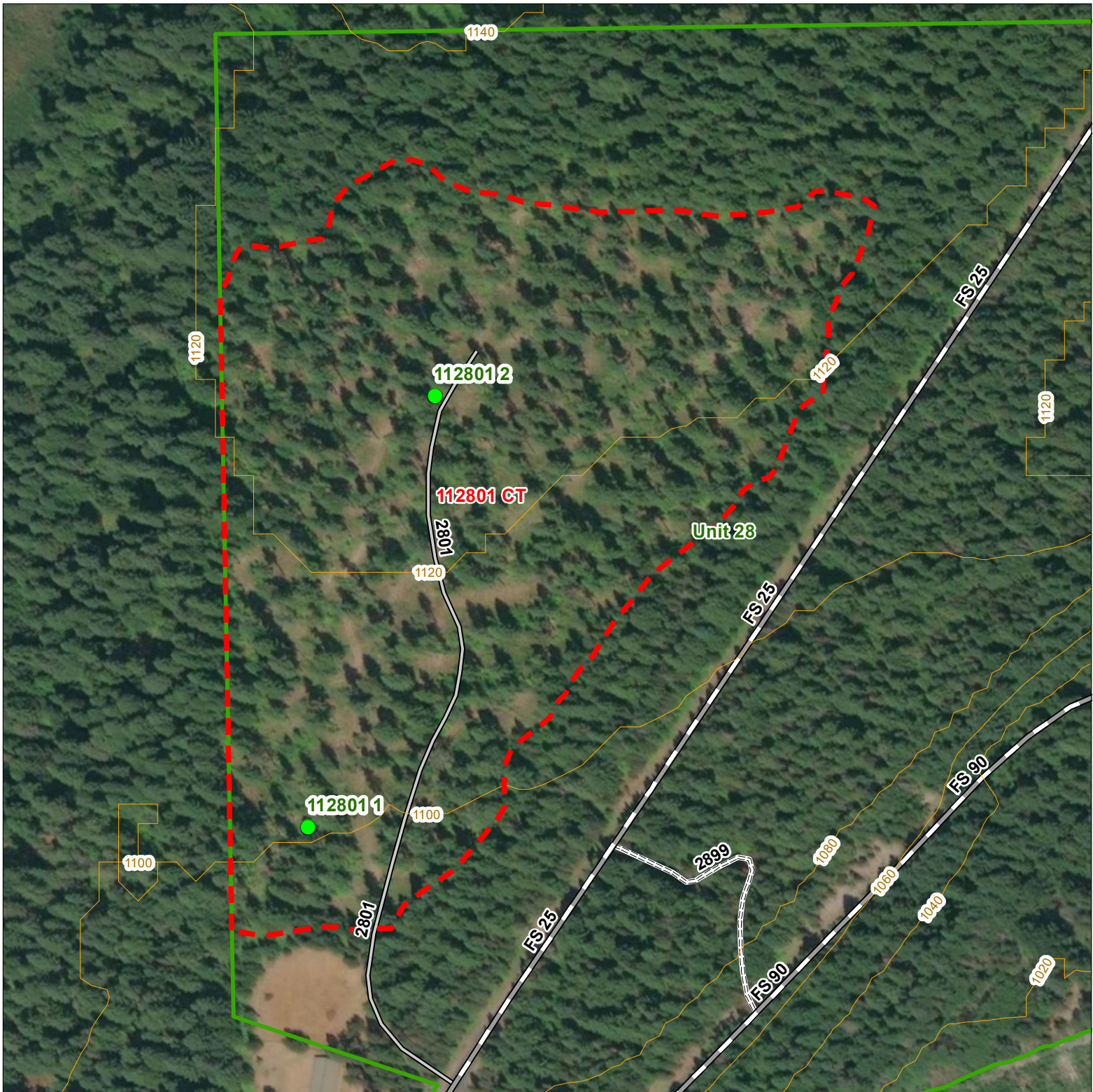


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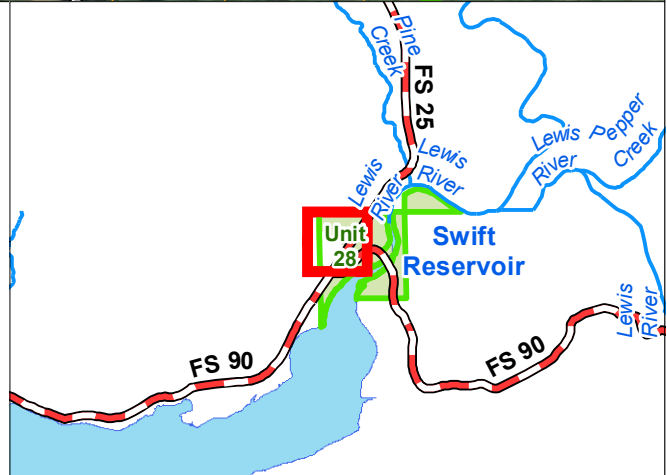
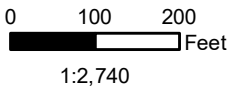




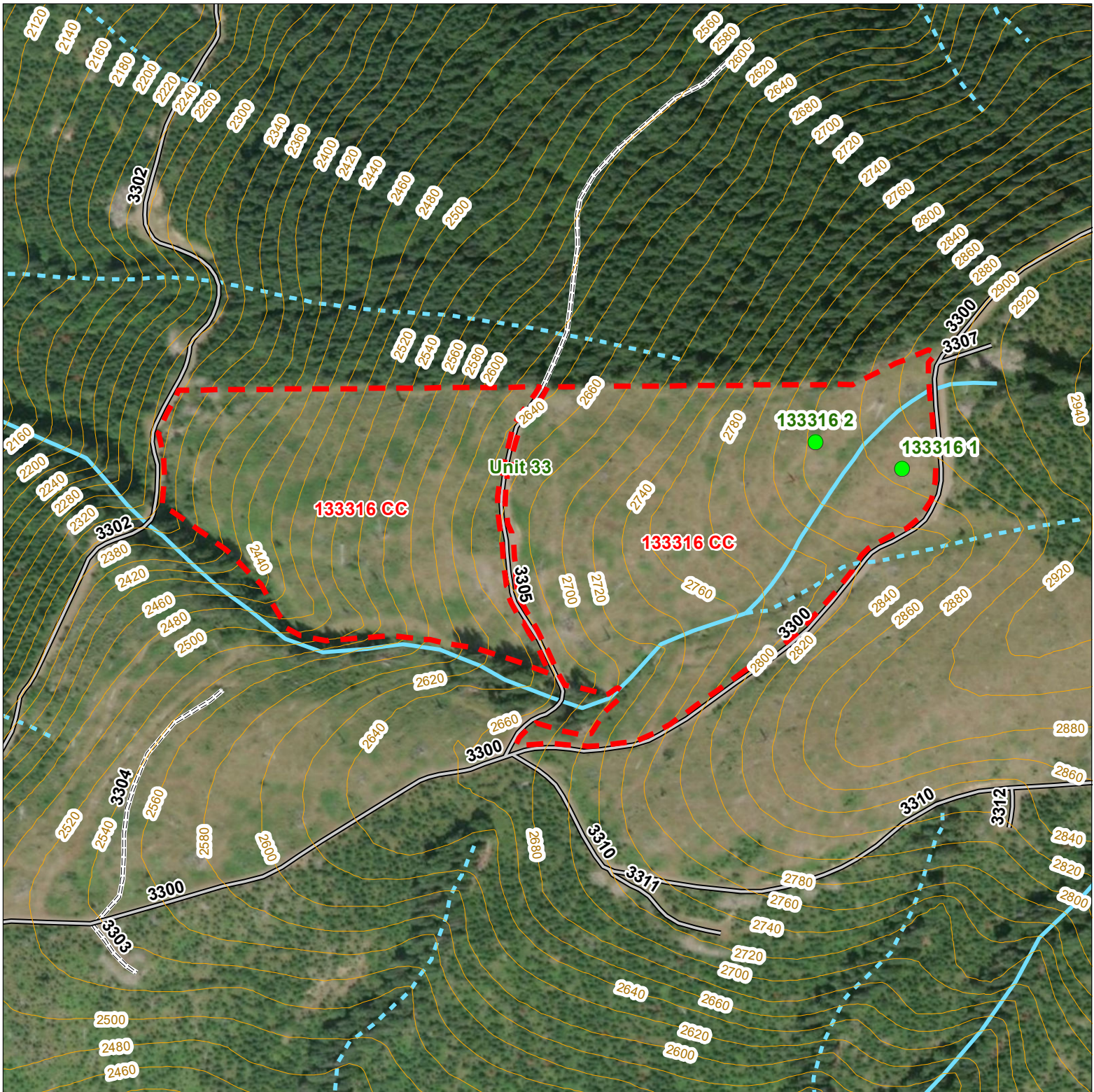
### Wildlife Forage Monitoring

Harvest: 112801 CT  
 Unit: 28  
 Year: 2011

- Habitat Enhancement Monitoring Project Plots
- Grass and Legume Seed Germination Test Plot
- Shrubland Test Plot
- Meadow
- Shrubland Study Area
- Grass/Legume Seeding Areas
- Harvest Area
- Management Unit
- Highway
- Road
- Abandon Road
- Contour (20')
- Fish Stream
- Non-fish Perennial
- Non-fish Seasonal

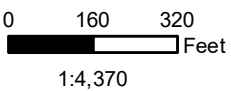






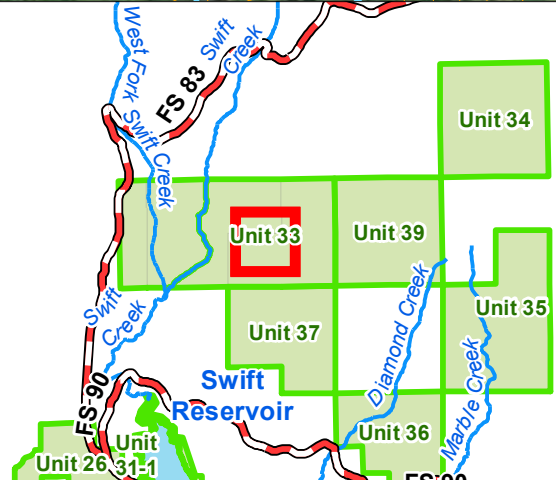
### Wildlife Forage Monitoring

Harvest: 133316 CC  
 Unit: 33  
 Year: 2011

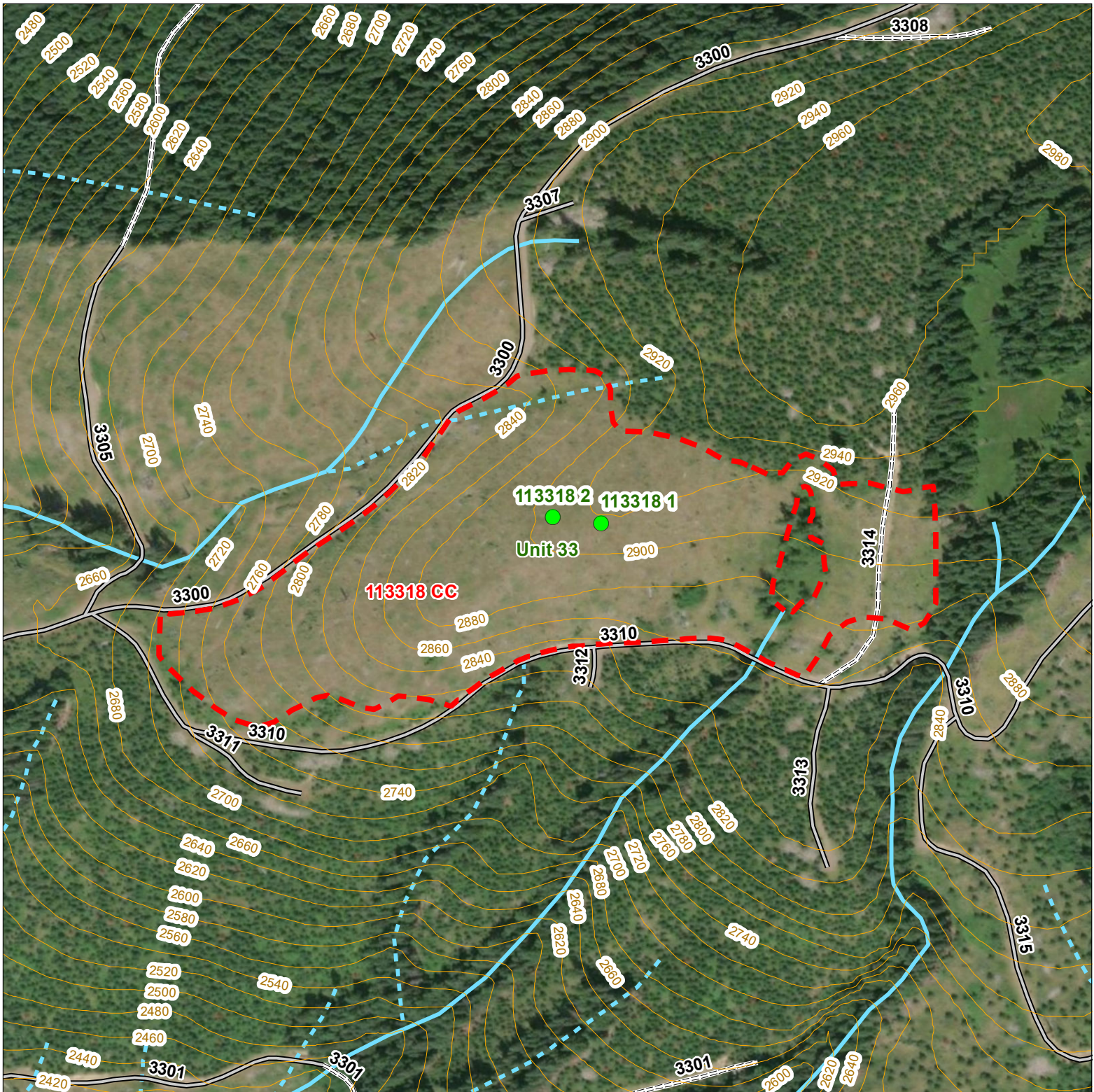


- Habitat Enhancement Monitoring Project Plots
- Grass and Legume Seed Germination Test Plot
- Shrubland Test Plot
- Meadow
- Shrubland Study Area
- Grass/Legume Seeding Areas
- Harvest Area

- Management Unit
- Highway
- Road
- Abandon Road
- Contour (20')
- Fish Stream
- Non-fish Perennial
- Non-fish Seasonal





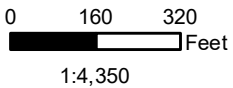


### Wildlife Forage Monitoring

Harvest: 113318 CC  
 Unit: 33  
 Year: 2011

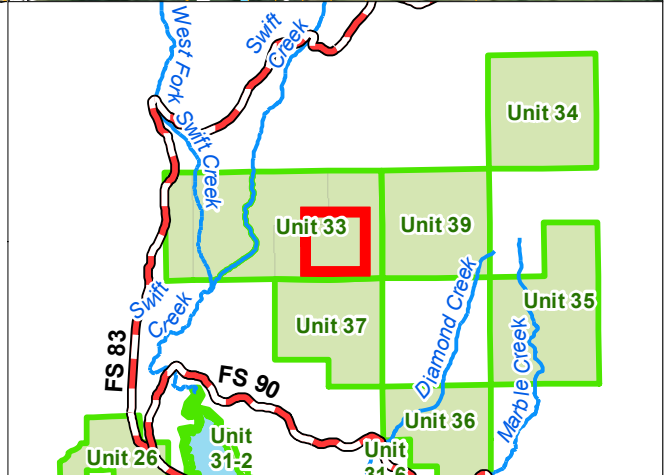
- Habitat Enhancement Monitoring Project Plots
- ▭ Grass and Legume Seed Germination Test Plot
- ▭ Shrubland Test Plot
- Meadow
- Shrubland Study Area
- Grass/Legume Seeding Areas
- Harvest Area

- Management Unit
- Highway
- Road
- Abandon Road
- Contour (20')
- Fish Stream
- Non-fish Perennial
- Non-fish Seasonal

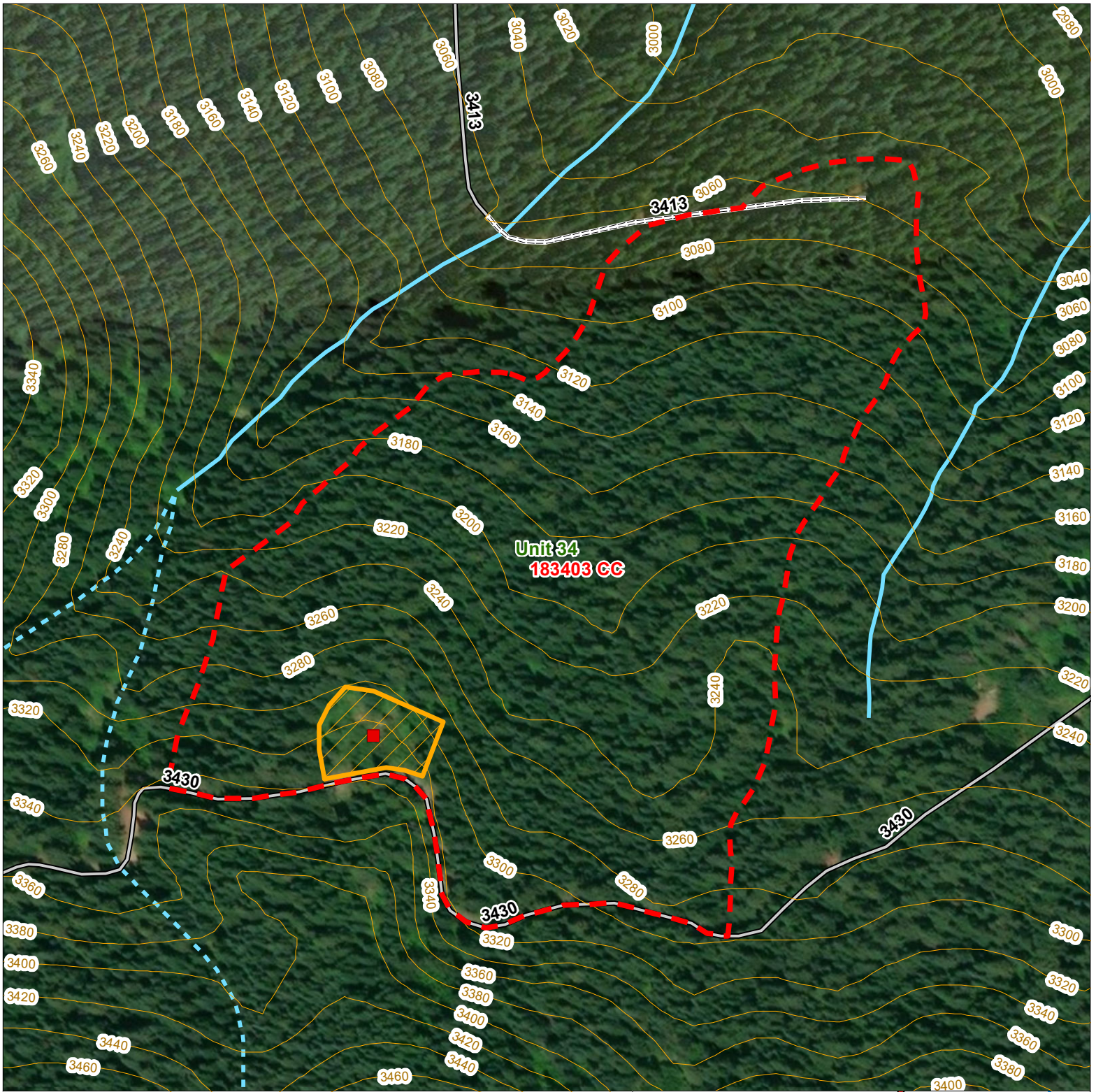


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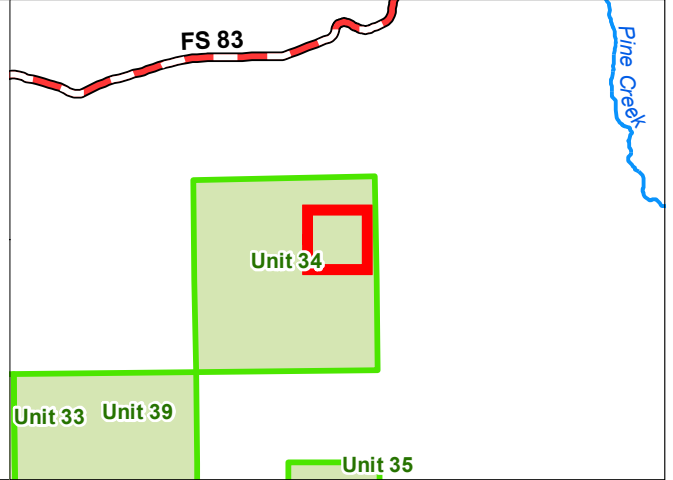
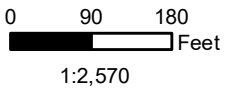


### Wildlife Forage Monitoring

Harvest: 183403 CC  
 Unit: 34  
 Year: 2018

- Habitat Enhancement Monitoring Project Plots
- Grass and Legume Seed Germination Test Plot
- Shrubland Test Plot
- Meadow
- Shrubland Study Area
- Grass/Legume Seeding Areas
- Harvest Area

- Management Unit
- Highway
- Road
- Abandon Road
- Contour (20')
- Fish Stream
- Non-fish Perennial
- Non-fish Seasonal

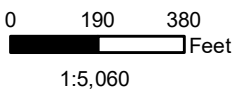




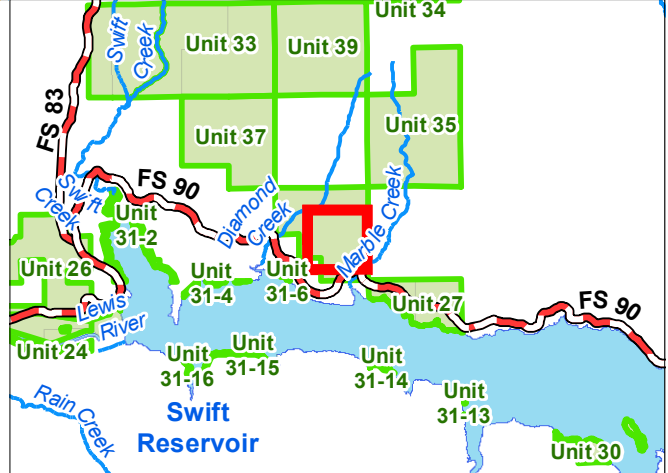


### Wildlife Forage Monitoring

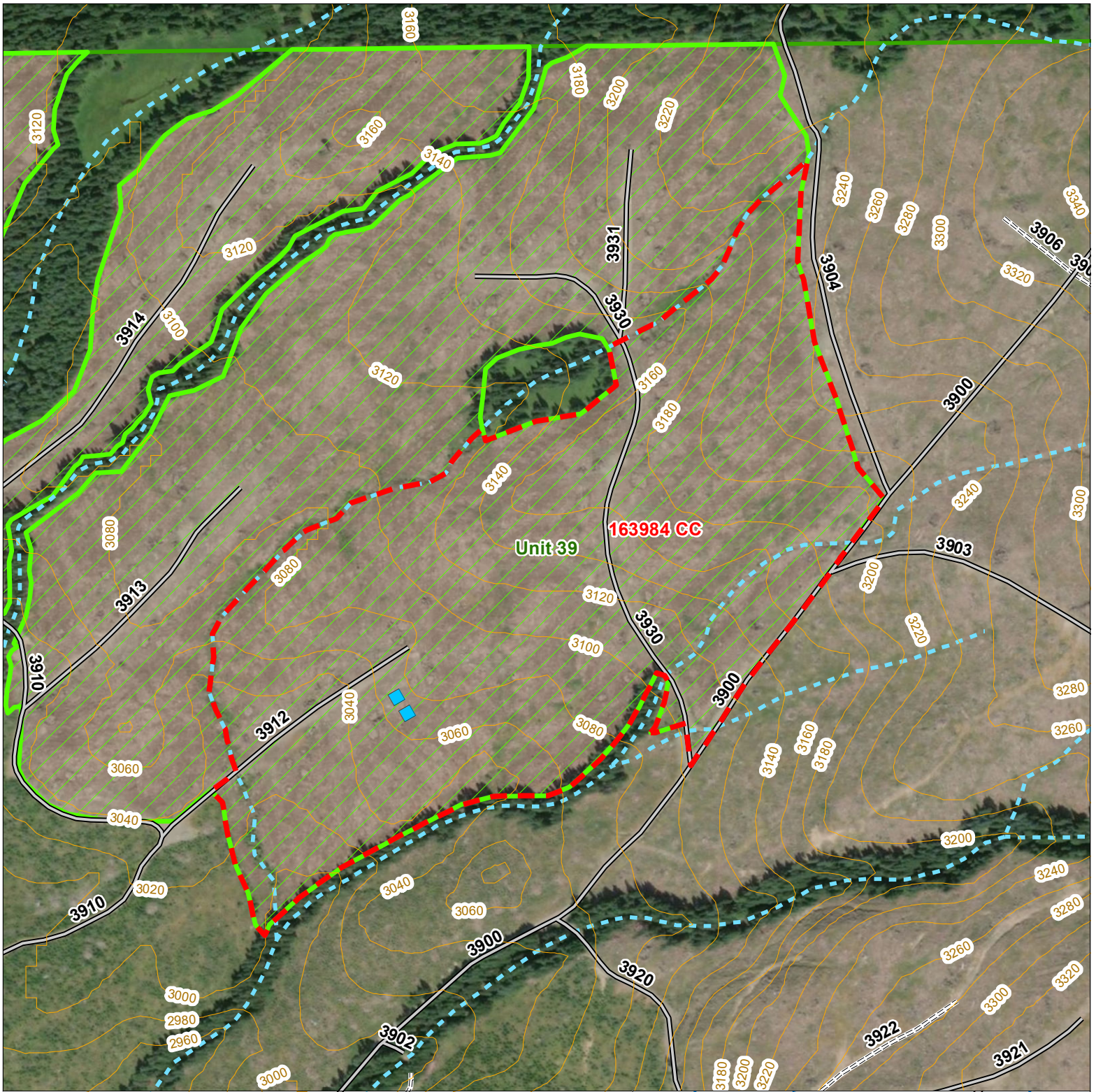
Harvest: 163654 CC  
 Unit: 36  
 Year: 2016



- Habitat Enhancement Monitoring Project Plots
- Grass and Legume Seed Germination Test Plot
- Shrubland Test Plot
- Meadow
- Shrubland Study Area
- Grass/Legume Seeding Areas
- Harvest Area
- Management Unit
- Highway
- Road
- Abandon Road
- Contour (20')
- Fish Stream
- Non-fish Perennial
- Non-fish Seasonal







## Wildlife Forage Monitoring

Harvest: 163984 CC  
 Unit: 39  
 Year: 2016

- Habitat Enhancement Monitoring Project Plots
- Grass and Legume Seed Germination Test Plot
- Shrubland Test Plot
- Meadow
- Shrubland Study Area
- Grass/Legume Seeding Areas
- Harvest Area

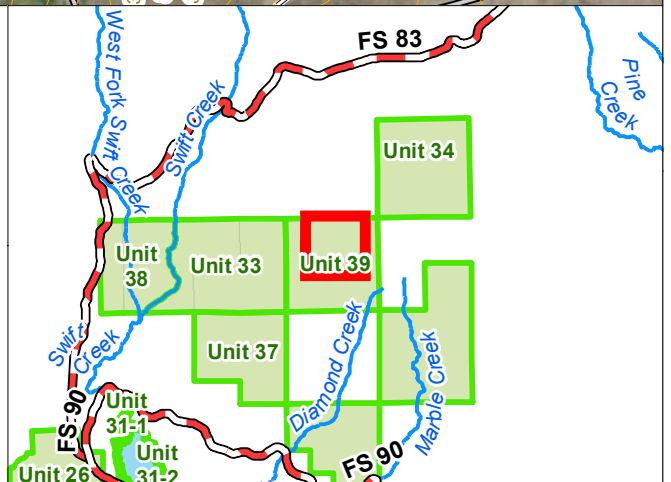
- Management Unit
- Highway
- Road
- Abandon Road
- Contour (20')
- Fish Stream
- Non-fish Perennial
- Non-fish Seasonal

0 190 380  
 Feet  
 1:5,070

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**APPENDIX G**  
**POLLINATOR PROJECT MAPS**

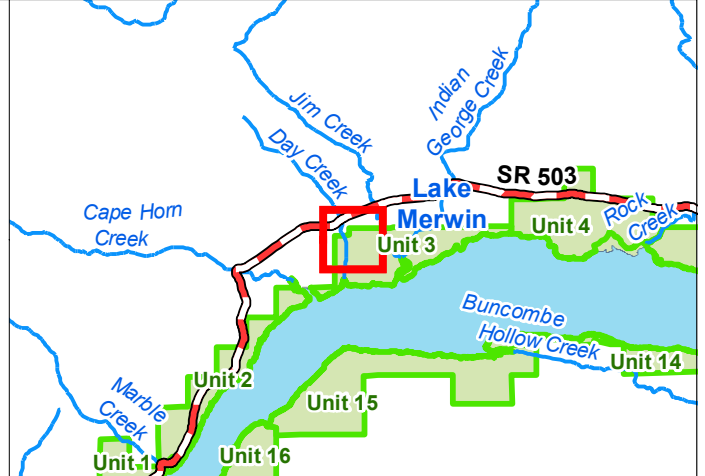
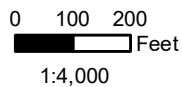




### Pollinator Project

Unit: 3

- Pollinator Area
- Transmission Pole
- Transmission Line
- Contour (20')
- Management Unit
- Highway
- Road
- Abandon Road
- Gate
- Fish Stream
- Non-fish Perennial
- Non-fish Seasonal



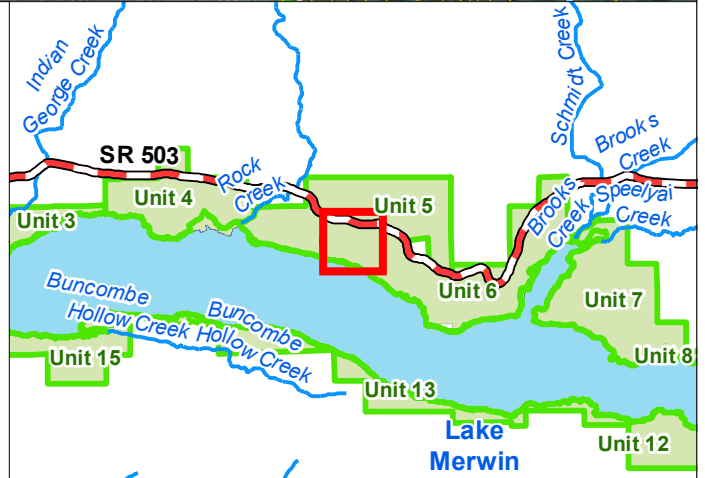
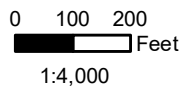




### Pollinator Project

Unit: 6

- Pollinator Area
- Transmission Pole
- Transmission Line
- Contour (20')
- Management Unit
- Highway
- Road
- Abandon Road
- Gate
- Fish Stream
- Non-fish Perennial
- Non-fish Seasonal



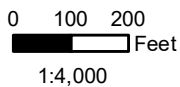
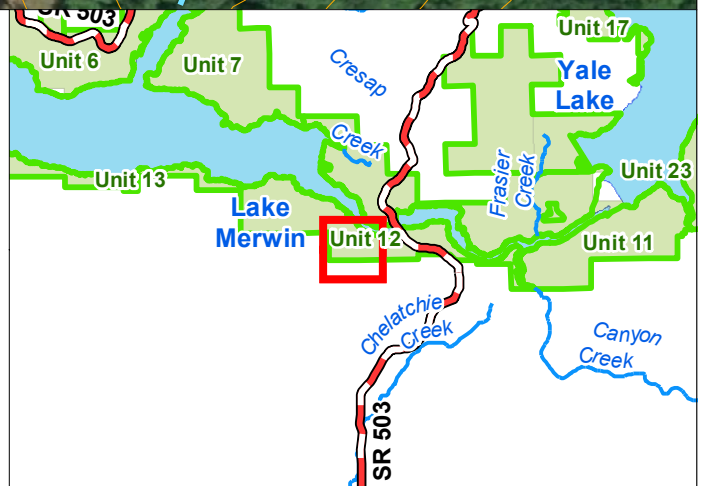




### Pollinator Project

Unit: 12

- Pollinator Area
- Transmission Pole
- Transmission Line
- Contour (20')
- Management Unit
- Highway
- Road
- Abandon Road
- Gate
- Fish Stream
- Non-fish Perennial
- Non-fish Seasonal



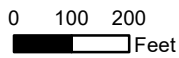




**Pollinator Project  
Pole Replacement  
3/19 (Site A)**

Unit: 1

- Pollinator Area
- Transmission Pole
- Transmission Line
- Contour (20')
- Management Unit
- Highway
- Road
- Abandon Road
- Gate
- Fish Stream
- Non-fish Perennial
- Non-fish Seasonal



1:4,000





