

## STAFF SUMMARY FOR APRIL 14, 2021

**4. ANNUAL PRIVATE LANDS WILDLIFE HABITAT ENHANCEMENT AND MANAGEMENT PLANS (CONSENT)****Today's Item**Information ☐Action ☒

Consider approving annual private lands wildlife habitat enhancement and management (PLM) plans and 2021-2022 licenses for 49 properties.

**Summary of Previous/Future Actions (N/A)****Background**

California Fish and Game Code sections 3400-3409 and Title 14 Section 601 prescribe conditions for a PLM program that provides incentives for landholders to manage their property for the benefit of fish and wildlife in exchange for access to increased recreational opportunities, such as hunting tags or extended seasons ("harvest program"). In return for a harvest program, the landholder must prepare a biologically-sound wildlife management plan and complete specific wildlife habitat improvements on the PLM property.

There are three types of actions associated with the PLM program: an initial five-year PLM license; annual PLM seasons, harvests, and habitat improvements; and a five-year PLM license renewal, with conditions unique to each participant's property.

Proposed annual seasons, harvests, and habitat improvements for the 49 PLM properties have been reviewed by DFW and found to be in compliance with FGC regulations and policies for PLMs; the applicants have identified the location where records will be kept and made available for inspection (Exhibit 1).

**Significant Public Comments (N/A)****Recommendation**

**FGC staff:** Approve annual seasons, harvests, and habitat improvements for 49 PLM properties as recommended by DFW, under a motion to adopt the consent calendar.

**DFW:** Approve 49 annual PLM licenses and plans, under the conditions specified in Exhibit 2.

**Exhibits**

1. [DFW memo, received Apr 23, 2021](#)
2. [PLM Area License Annual Renewals, 2021/2022, Proposed Seasons, Harvests, and Habitat Improvements, received Apr 23, 2021](#)

**Motion**

Moved by \_\_\_\_\_ and seconded by \_\_\_\_\_ that the Commission adopts the staff recommendation for items 3-10 on the consent calendar.

## Memorandum

Date: March 17, 2021

To: Melissa Miller- Henson  
Executive Director  
Fish and Game Commission

From: Charlton H. Bonham  
Director

Subject: **Agenda Item for the April 14-15, 2021 Fish and Game Commission Meeting Private Lands Wildlife Habitat Enhancement and Management (PLM) Area Licenses**

The Department of Fish and Wildlife has reviewed the Annual renewals and 5-year renewals for 63 properties in 17 counties consisting of approximately 945,296 acres.

The Annual renewal PLM areas were previously licensed under Commission regulations Section 601, Title 14, California Code of Regulations. Full payment was made for all tags used in 2020, and all habitat work was completed.

The renewal 5-year management plans are in compliance with Commission policy for private lands management. The applicants have identified the location where records will be kept and made available for inspection.

Habitat improvements accomplished under these plans will enhance and maintain wildlife resources on and around the PLM areas. The goals and objectives stated in the management plans are compatible with Department management plans for appropriate species in these areas. In addition, access to public lands will not be diminished under implementation of these management plans.

The Department recommends that the Commission approve the specified wildlife management plans, applications, and each 2021/22 harvest program under conditions specified in the attached table.

Melissa Miller-Henson, Executive Director  
Fish and Game Commission  
March 17, 2021  
Page 2

If you have any questions, please contact Ms. Victoria Barr at (916) 203-0567 or by email at [Victoria.barr@wildlife.ca.gov](mailto:Victoria.barr@wildlife.ca.gov).

Attachment

cc: Stafford Lehr, Deputy Director  
Wildlife and Fisheries Division  
[Stafford.Lehr@wildlife.ca.gov](mailto:Stafford.Lehr@wildlife.ca.gov)

Scott Gardner, Branch Chief  
Wildlife Branch  
[Scott.gardner@wildlife.ca.gov](mailto:Scott.gardner@wildlife.ca.gov)

Brad Burkholder  
Environmental Program Manager  
Wildlife Branch  
[Brad.burkholder@wildlife.ca.gov](mailto:Brad.burkholder@wildlife.ca.gov)

David Casady  
Senior Environmental Scientist Supervisor  
Wildlife Branch  
[David.casady@wildlife.ca.gov](mailto:David.casady@wildlife.ca.gov)

Victoria Barr, Environmental Scientist  
Wildlife Branch  
[Victoria.barr@wildlife.ca.gov](mailto:Victoria.barr@wildlife.ca.gov)

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

<b>NORTHERN REGION</b>		
<b>PLM Area</b>	<b>Proposed Season and Harvest</b>	<b>Habitat Improvement Program</b>
3D RANCH  DEER ZONE B5  TEHAMA  1,732 ACRES	<p><b>Authorized Harvest:</b> 7 forked horn or better buck deer, 6 bear, and 75 quail</p> <ul style="list-style-type: none"> <li>• Issue 7 buck deer tags for the period of August 15, 2021 through November 30, 2021.</li> <li>• No more than 4 buck deer may be harvested after October 24, 2021.</li> <li>• Issue 6 bear tags for the period of August 1, 2021 through December 31, 2021 or when the season closes because the Department has determined that 1,700 bears have been harvested. No cubs or females with cubs will be harvested. Cubs are defined as bears less than one year of age or bears weighing less than 50 pounds.</li> <li>• Issue 75 quail seals for the period of September 1, 2021, through February 28, 2022.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Mechanically crush 15 acres of decadent brush to improve forage for wildlife. These areas may be burned dependent upon coordination with CalFire.</li> <li>➤ No cattle grazing for the 2021 season due to lack of forage production in 2020.</li> <li>➤ Maintain a minimum of 7 acres of legume forage plots by replanting as necessary and irrigating.</li> <li>➤ Manage Plots 3 and 4 to promote turkey mullein by chiseling to reduce competition from pasture grasses.</li> <li>➤ Maintain 5 water sources to provide water for wildlife by checking for broken pipes and repairing, as necessary.</li> <li>➤ Remove at least 0.25 mile of unnecessary interior fencing to prevent wildlife entanglement.</li> <li>➤ Create 1 water source either as a new dugout water catchment or water storage tank connected to aluminum stock tanks. Details outlined in the management plan.</li> </ul>
ACKERMAN-SOUTH DAUGHERTY WMA  DEER ZONE A  MENDOCINO  10,831 ACRES	<p><b>Authorized Harvest:</b> 18 forked horn or better buck deer</p> <ul style="list-style-type: none"> <li>• Issue 18 buck deer tags for the period of July 15, 2021 through November 30, 2021.</li> <li>• No more than 9 buck deer may be harvested after September 26, 2021.</li> <li>• On or before October 15, 2021, the licensee may request (in writing) up to 10 additional buck tags to accomplish the authorized harvest.</li> <li>• In no case shall the number of tags issued be used to exceed the authorized harvest.</li> <li>• The number of tag holders actively hunting shall not exceed the number of deer available.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Remove encroaching Douglas fir up to 12 inches Diameter at Breast Height (DBH) by chainsaw or hand tools from 10 acres of oak woodlands in Ackerman Creek watershed.</li> <li>➤ Construct 4 brush piles for wildlife.</li> <li>➤ Remove 0.25 mile of hog wire fencing to facilitate fawn movement near Ackerman Creek.</li> <li>➤ Treat at least 20 acres of grassland with herbicide to control Yellow Star thistle.</li> </ul>

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
<p>ALEXANDRE ECODAIRY FARMS PLM</p> <p>DEL NORTE</p> <p>1,724 ACRES</p>	<p><b>Authorized Harvest:</b> 2 bull elk and 4 antlerless elk</p> <ul style="list-style-type: none"> <li>• Issue 2 bull elk tags for the period of August 1, 2021 through December 31, 2021.</li> <li>• Issue 4 antlerless elk tags for the period of October 1, 2021 through December 31, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Removal of a fish passage barrier on Tryon Creek during this 5-yr. period.</li> <li>➤ Install 20 water troughs. All water troughs will be maintained and have wildlife escape ramps.</li> <li>➤ 30 Sitka spruce will be planted with exclusion fencing to allow proper propagation of the trees.</li> <li>➤ Seasonal grazing of 30 acres of wetlands by cattle will be excluded from January 1 through July 15.</li> </ul>
<p>AMANN RANCH</p> <p>MENDOCINO</p> <p>369 ACRES</p>	<p><b>Authorized Harvest:</b> 1 bull elk and 1 antlerless elk</p> <ul style="list-style-type: none"> <li>• Issue 1 bull elk tag for the period of August 1, 2021 through November 30, 2021.</li> <li>• Issue 1 antlerless elk tag for the period of September 15, 2021 through November 30, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Irrigate and sub-irrigate at least 190 acres of pasture for use by wildlife.</li> <li>➤ Install 1 elk friendly fence crossing.</li> <li>➤ Limit cattle stocking rate to 100 to reduce competition with elk for forage. Repair or replace the irrigation pump to provide water for wildlife.</li> <li>➤ Maintain 16 water troughs and water tanker by ensuring they are holding adequate water for wildlife and install escape ramps.</li> <li>➤ Mow, disc and reseed 25 acres in the Yellow Star thistle treatment area.</li> <li>➤ Leave unharvested the second cutting of hay on 342 acres. This will retain approximately 500 tons of forage accessible to elk.</li> <li>➤ Plant 100 willows, fenced for protection, for cover and browse.</li> <li>➤ Preserve the Tricolored Blackbird habitat.</li> </ul>
<p>BELL RANCH</p> <p>DEER ZONE C4</p> <p>TEHAMA</p> <p>15,000 ACRES</p>	<p><b>Authorized Harvest:</b> 15 forked horn or better buck deer</p> <ul style="list-style-type: none"> <li>• Issue 15 buck deer tags for the period October 23, 2021 through November 30, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Maintain 16 previously developed springs by checking for broken pipes and repairing, as necessary.</li> <li>➤ Maintain 30 water sources by inspecting and making any necessary repairs to the ponds, springs, guzzlers, and water troughs.</li> <li>➤ Mechanically treat (by crushing with a bulldozer or masticating) at least 10 acres of decadent brush to encourage the growth of nutritious deer forage.</li> <li>➤ Remove at least 0.50 mile of woven wire interior fencing to enhance wildlife</li> </ul>

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
BELL RANCH CONT.		<p>movement.</p> <ul style="list-style-type: none"> <li>➤ Restrict off-road vehicle use within the recent brush treatment areas and minimize disturbance to wildlife.</li> <li>➤ Spray invasive plants including Yellow Star thistle and Italian thistle on the roads and cleared sites on the Woods property where needed.</li> </ul>
<p>BIG LAGOON</p> <p>HUMBOLDT</p> <p>111,090 ACRES</p>	<p><b>Authorized Harvest:</b> 5 bull elk and 2 antlerless elk</p> <ul style="list-style-type: none"> <li>• Issue 5 bull elk tags for the period of August 1, 2021 through October 31, 2021.</li> <li>• On or before October 1, 2021, the licensee may request (in writing) up to 1 additional bull elk tag to accomplish the authorized harvest.</li> <li>• In no case shall the number of tags issued be used to exceed the authorized harvest.</li> <li>• The number of tag holders actively hunting shall not exceed the number of elk available to harvest.</li> <li>• Issue 2 antlerless elk tags for the period of September 1, 2021 through November 15, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Green Diamond will provide and deliver 25 merchantable trees with root wads attached to the landing of the project site for installation into Little River to provide salmonid spawning and rearing habitat when these are required during the 5-yr. plan. Details outlined in the management plan.</li> <li>➤ 17 slash piles will be created for wildlife within the harvest units associated within the Maple Creek Watershed.</li> <li>➤ 88 acres of ground-based timber harvest will also retain (1) pre-existing non-merchantable large woody debris and (2) merchantable large woody debris with existing hollows or evidence of internal rot and hollows.</li> <li>➤ 100 acres of conifer removal from oak woodlands and associated grasslands was completed in 2020 satisfying their 5-yr plan for this project.</li> </ul>
<p>BRIDGES RANCH</p> <p>DEER ZONE A</p> <p>MENDOCINO</p> <p>1,144 ACRES</p>	<p><b>Authorized Harvest:</b> 10 deer of which no more than 7 may be forked horn or better buck deer and 3 may be antlerless deer</p> <ul style="list-style-type: none"> <li>• Issue 10 either-sex deer tags for the period of August 14, 2021 through November 30, 2021.</li> <li>• No antlerless deer shall be harvested before September 15, 2021.</li> <li>• No more than 5 buck deer may be harvested after September 26, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Burn 40 Acres of decadent brush under the CalFire VMP or manipulate 5 acres through mechanical means (i.e., hand cutting or equipment) in a mosaic pattern.</li> <li>➤ Remove 3 acres of conifer trees 12 inches diameter at breast height or less in oak woodland areas.</li> <li>➤ Create at least 5 brush piles measuring at least 15 feet in diameter and 6 feet high.</li> <li>➤ Install 1 wood duck nesting box near the lake.</li> <li>➤ Remove 1 abandoned structure of at least 150 square feet.</li> <li>➤ Remove 30 yards of woven wire fencing.</li> </ul>

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
CAPISTRAN RANCH  DEER ZONE B1  MENDOCINO  13,200 ACRES	<p><b>Authorized Harvest:</b> 20 deer of which no more than 15 may be forked horn or better buck deer and 5 may be antlerless deer, 2 bull elk, and 2 antlerless elk</p> <ul style="list-style-type: none"> <li>• Issue 10 either-sex deer tags for the period of August 1, 2021 through November 30, 2021.</li> <li>• No antlerless deer shall be harvested before September 15, 2021.</li> <li>• No more than 10 buck deer may be harvested after October 24, 2021.</li> <li>• On or before October 15, 2021, the licensee may request (in writing) up to 10 additional either-sex tags to accomplish the authorized harvest.</li> <li>• Issue 2 bull elk tags for the period of August 1, 2021 through December 1, 2021.</li> <li>• Issue 2 antlerless elk tags for the period of September 15, 2021 through December 1, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Managed livestock grazing (no more than 500 cow/calf pairs on 13,200 acres) for the period of November 15, 2021 through June 20, 2022 will be used to manage invasive plant species and thatch build up.</li> <li>➤ Reestablish stock pond in previous sites that are no longer functioning correctly. Pond size will be approximately 10 feet by 20 feet.</li> <li>➤ Manage invasive plants by focused high-intensity, short-term grazing.</li> <li>➤ Maintain 10 springs by checking the flow and wildlife escape ramps and repairing any damaged parts.</li> <li>➤ Exclude trespass livestock from USFS and BLM grazing allotments by inspecting and repairing the boundary fence.</li> <li>➤ Replace the nesting material in 3 bluebird nest boxes. Boxes will be relocated if not used the previous season.</li> <li>➤ Maintain 17 wood duck nest boxes.</li> <li>➤ Construct a brush pile for wildlife cover and oak seedling protection. The 20 feet x 5 feet pile will be created using slash from down trees and brush and will be located near a routinely used water source.</li> <li>➤ Maintain and monitor 3 approximately 1,000-square foot food plots spread out over the property and in areas where green summer browse is limited. Each food plot is fenced from cattle and wild pigs. Each will have a motion-sensing camera to record day and night deer activity. The annual report will include a table of total number and composition of deer photographed.</li> <li>➤ Using a tractor, create a 6-foot wide and 300-foot-long trail through decadent chaparral to provide access and new palatable forage for wildlife.</li> <li>➤ Build and place 1 mallard hen nest tube and maintain yearly those developed previously.</li> <li>➤ Treat 2 acres of Yellow Star thistle with appropriate herbicide.</li> </ul>

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
CARLEY RANCH  DEER ZONE B1  MENDOCINO  1,660 ACRES	<p><b>Authorized Harvest:</b> 15 forked horn or better buck deer</p> <ul style="list-style-type: none"> <li>Issue 8 buck deer tags for the period of August 1, 2021 through November 30, 2021.</li> <li>No more than 8 buck deer may be harvested after October 24, 2021.</li> <li>On or before October 15, 2021, the licensee may request (in writing) up to 7 additional either-sex deer tags to accomplish the authorized harvest.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Treat 20 acres of annual grasslands and chaparral through prescribed burning.</li> <li>➤ Maintain all previously developed water sources (3 springs, 6 guzzlers, and 6 associated water tanks) to provide water for wildlife. Maintenance includes repairing broken and deteriorating pipes and other components.</li> <li>➤ Maintain the wildlife-friendly livestock exclusion fencing around developed springs and repairing any damage.</li> <li>➤ If chaparral cannot be burned, brush rake removal of 5 acres of montane chaparral.</li> <li>➤ Irrigate the 1-acre alfalfa food plot during the dry season. The plot is fenced with wildlife-friendly fencing to exclude livestock.</li> <li>➤ Maintenance of Maintain 30 fruit trees protected with wire fencing to provide a wildlife food source.</li> <li>➤ Road maintenance and erosion control practices will be completed on roads.</li> <li>➤ No livestock grazing on the ranch as it is used for wildlife habitat only.</li> </ul>
CHRISTENSEN RANCH  DEER ZONE B1  MENDOCINO  1,061 ACRES	<p><b>Authorized Harvest:</b> 22 deer of which no more than 15 may be forked horn or better buck deer and 7 may be antlerless deer</p> <ul style="list-style-type: none"> <li>Issue 22 either-sex deer tags for the period of August 1, 2021 through November 30, 2021.</li> <li>No antlerless deer shall be harvested before September 15, 2021.</li> <li>No more than 7 buck deer may be harvested after October 25, 2021.</li> <li>On or before October 25, 2021, the licensee may request (in writing) up to 12 additional either-sex tags to accomplish the authorized harvest.</li> <li>The number of tag holders actively hunting shall not exceed the number of deer available to harvest</li> </ul>	<ul style="list-style-type: none"> <li>➤ Install 2 new water troughs for wildlife use.</li> <li>➤ Erosion control on ranch roads.</li> <li>➤ Oak woodlands restoration project scoping with CDFW to develop areas to be treated.</li> <li>➤ Install 2 wood duck nesting boxes near existing ponds.</li> <li>➤ Continue to promote bald eagle nesting through the retention of snags and large trees.</li> <li>➤ Annual maintenance on 8 previously developed springs and repair any broken water pipes.</li> <li>➤ Plant <i>Brassica</i> seed in the fall by manually seeding and raking in fresh pig rooting areas. The extent of this activity will depend on pig activity but is expected to represent at least 6 sites this year, scattered throughout the ranch.</li> </ul>



***PLM AREA LICENSE  
ANNUAL RENEWALS, 2021/2022  
PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS***

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
CHRISTENSEN RANCH CONT.	<ul style="list-style-type: none"> <li>In no case shall the number of tags issued be used to exceed the authorized harvest.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Exclude cattle from the ranch; no cattle leases are proposed under the PLM 5-year management plan.</li> <li>➤ Remove conifers up to 12-inch DBH from oak woodlands on 2 acres.</li> <li>➤ Install 2 escape ramps into water troughs</li> <li>➤ Star Thistle control project using appropriate herbicide treatments on 2 acres.</li> <li>➤ Create 3 slash piles that are at least 6 feet high and 10 feet wide at the base.</li> </ul>
COTTRELL RANCH  DEER ZONE B1  HUMBOLDT  6,500 ACRES	<p><b><i>Authorized Harvest:</i></b> 15 forked horn or better buck deer, 2 bull elk, and 1 antlerless elk</p> <ul style="list-style-type: none"> <li>Issue 15 buck deer tags for the period of July 15, 2021 through November 30, 2021.</li> <li>No more than 7 buck deer may be harvested after October 24, 2021.</li> <li>Issue 2 bull elk tag for the period of July 15, 2021 through November 30, 2021.</li> <li>Issue 1 antlerless elk tag for the period of October 1, 2021 through November 30, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Remove encroaching conifers from at least 70 acres of oak woodlands.</li> <li>➤ Burn old slash piles.</li> </ul>
DIAMOND C OUTFITTERS  DEER ZONE B1  HUMBOLDT  3,000 ACRES	<p><b><i>Authorized Harvest:</i></b> 17 forked horn or better buck deer</p> <ul style="list-style-type: none"> <li>Issue 17 buck deer tags for the period of July 15, 2021 through November 30, 2021</li> <li>No more than 7 buck deer may be harvested after October 24, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Remove encroaching conifers from at least 20 acres of oak woodlands in Oak Woodland Treatment area.</li> </ul>

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
EDEN VALLEY RANCH  DEER ZONE B1  MENDOCINO  20,879 ACRES	<p><b>Authorized Harvest:</b> 8 bull elk, 7 antlerless elk, 14 forked horn or better buck deer, and 3 antlerless deer</p> <ul style="list-style-type: none"> <li>• Issue 6 bull elk tags for the period of July 10, 2021 through December 13, 2021.</li> <li>• Issue 7 antlerless elk tags for the period of September 15, 2021 through December 13, 2021.</li> <li>• On or before October 15, 2021, the licensee may request (in writing) up to 2 additional bull elk tags to accomplish the authorized harvest.</li> <li>• Issue 14 buck deer tags for the period of July 10, 2021 through November 30, 2021.</li> <li>• No more than 7 buck deer may be taken after October 24, 2021.</li> <li>• Issue 3 antlerless deer tags for the period of September 15, 2021 through November 30, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Maintain 100 acres of planted fields in the Valley to improve wildlife forage.</li> <li>➤ Maintain 23 water sources (including 12 springs) by repairing any damaged parts.</li> <li>➤ Plant and irrigate a 3-acre area with oats, legumes, and grasses outside of the Valley Area and use wildlife friendly fencing to exclude livestock.</li> <li>➤ Exclude livestock from 10,000 acres on the east side of Eden Valley to improve wildlife forage.</li> <li>➤ Monitor and maintain the 4 rail-type elk crossings.</li> <li>➤ To improve wildlife forage, manage livestock grazing in the 4 pastures on a rest-rotation basis, with cattle primarily spending spring/summer in the upland pastures and fall/winter in the lowland pastures.</li> <li>➤ Remove 1 mile of woven wire fencing.</li> <li>➤ Maintain road surfaces and culverts.</li> <li>➤ Maintain exterior and interior wildlife friendly fences.</li> <li>➤ Burn at least 50 acres of Yellow Star thistle and thatch.</li> <li>➤ Treat at least 75 acres for invasive weed control.</li> <li>➤ Plant at least 5 acres in M&amp;M mix #2, peas, radishes, and mustard in Tony Field.</li> <li>➤ Create 4-5 brush piles per year for wildlife.</li> </ul>
HUNTER RANCH  DEER ZONE B1  HUMBOLDT  16,103 ACRES	<p><b>Authorized Harvest:</b> 20 deer of which no more than 5 may be antlerless deer and 1 bull elk</p> <ul style="list-style-type: none"> <li>• Issue 20 either-sex deer tags for the period of July 15, 2021 through November 30, 2021.</li> <li>• No antlerless deer shall be harvested before September 15, 2021.</li> <li>• Buck's deer must be forked horn or better.</li> <li>• No more than 7 buck deer may be harvested after October 24, 2021.</li> <li>• Issue 1 bull elk tag for the period September 1, 2021 through October 15, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Remove encroaching conifers less than or equal to 8 inches DBH from at least 40 acres of oak woodlands yearly with 200 acres to be treated during the 5-yr. project period.</li> </ul>

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
KLAMATH PLM  HUMBOLDT  32,594 ACRES	<p><b>Authorized Harvest:</b> 2 bull elk and 2 antlerless elk</p> <ul style="list-style-type: none"> <li>• Issue 2 bull elk tags for the period of August 1, 2021 through October 31, 2021.</li> <li>• On or before October 1, 2021, the licensee may request (in writing) up to 1 additional bull elk tag to accomplish the authorized harvest.</li> <li>• In no case shall the number of tags issued be used to exceed the authorized harvest.</li> <li>• The number of tag holders actively hunting shall not exceed the number of elk available to harvest</li> <li>• Issue 2 antlerless elk tags for the period of September 1, 2021 through November 15, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Treat at least 280 acres of oak woodlands and associated prairies by removing conifers less than or equal to 12 inches at DBH. Within the treatment area, at least 20 conifers larger than 12 inches will be girdled to create wildlife snag trees.</li> </ul>
MILLER-ERIKSEN RANCH  DEER ZONE B1  MENDOCINO  1,000 ACRES	<p><b>Authorized Harvest:</b> 16 deer of which no more than 14 may be forked horn or better buck deer and 2 may be antlerless deer and 1 bull elk</p> <ul style="list-style-type: none"> <li>• Issue 9 either-sex deer tags for the period of July 17, 2021 through November 30, 2021.</li> <li>• No antlerless deer shall be harvested before September 15, 2021.</li> <li>• No more than 6 buck deer may be harvested after October 24, 2021.</li> <li>• On or before October 15, 2021, the licensee may request (in writing) up to 7 additional either-sex tags to accomplish the authorized harvest.</li> <li>• Issue 1 bull elk tag for the period of August 1, 2021 through November 30, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Clean and repair 3 spring development water sources to provide additional water for wildlife by replacing floats, rusted and/or cracked pipes, leaking tanks and clogged lines.</li> <li>➤ Plant 100 pounds of commercial pasture seed mix across the small, irrigated pastures and in open glade areas to provide food and cover for wildlife.</li> <li>➤ Thin timber along 0.50 miles of road.</li> <li>➤ Burn at least 5 acres in oak woodlands.</li> <li>➤ Maintain 0.50 mile of low elk crossing fences.</li> <li>➤ Build 20 brush piles throughout the property to provide wildlife cover.</li> <li>➤ Maintain the reduced number of livestock, not to exceed 25 cow/calf pairs.</li> <li>➤ Maintain at least 0.70 acres of irrigated pastures.</li> <li>➤ Treat Yellow Star thistle on 0.50 acres.</li> <li>➤ Remove at least 1.4 acres of decadent manzanita and create at least 20 brush piles.</li> </ul>

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
RAINBOW RIDGE PLM DEER ZONE B4  HUMBOLDT  21,300 ACRES	<p><b>Authorized Harvest:</b> 15 forked horn or better buck deer</p> <ul style="list-style-type: none"> <li>• Issue 15 buck deer tags for the period of August 1, 2021 through November 30, 2021.</li> <li>• No more than 8 buck deer may be harvested after October 3, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Finalize treatment of at least 32 acres of conifer removal from oak woodlands and prairies in units A and E. All removed conifers will be less than or equal to 12 inches DBH. Conifer removal may be substituted by a prescribed burn of low intensity to create browse to improve foraging habitat for deer.</li> <li>➤ Remove at least 0.25 miles of woven wire fencing throughout the South Rainbow area.</li> <li>➤ Mechanically treat with masticator or chainsaws, young tan oak trees, whitethorn, manzanita to create browse for deer in units A-E.</li> </ul>
REDWOOD HOUSE RANCH  DEER ZONE B1  HUMBOLDT  8,419 ACRES	<p><b>Authorized Harvest:</b> 20 either-sex deer of which no more than 10 may be antlerless deer and 2 bull elk</p> <ul style="list-style-type: none"> <li>• Issue 20 either-sex deer tags for the period of August 14, 2021 through November 30, 2021.</li> <li>• No antlerless deer may be harvested before September 15, 2021</li> <li>• No more than 7 buck deer may be harvested after October 24, 2021.</li> <li>• Buck's deer must be forked horn or better.</li> <li>• Issue 2 bull elk tags for the period of August 1, 2021 through October 31, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Treat at least 50 acres of oak woodlands by removing encroaching conifers less than or equal to 12 inches DBH from oak woodlands and prairies.</li> <li>➤ Develop 1 water source for wildlife use annually.</li> </ul>
SCHNEIDER RANCH  DEER ZONE B1  MENDOCINO  5,222 ACRES	<p><b>Authorized Harvest:</b> 9 forked horn or better buck deer</p> <ul style="list-style-type: none"> <li>• Issue 9 buck deer tags for the period of August 1, 2021 through November 30, 2021.</li> <li>• No more than 5 buck deer may be harvested after October 24, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Cultivate with tractor equipment and irrigate the 1-acre Cabin food plot, which provides a year-round deer feeding area.</li> <li>➤ Restore 2 miles of fire breaks by maintaining and installing water bars.</li> <li>➤ Create at least 6 brush piles for wildlife cover. The piles will each be approximately 10 feet in diameter and 6 feet tall and will provide good habitat for both deer and quail.</li> </ul>

***PLM AREA LICENSE  
ANNUAL RENEWALS, 2021/2022  
PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS***

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
SCHNEIDER RANCH CONT.		<ul style="list-style-type: none"> <li>➤ Burn at least 6 brush piles. The remnant charcoal and ashes are nutrient rich, and deer roll in them, perhaps for control of external parasites.</li> <li>➤ Cut/hinge at least 10 smaller sub-canopy oaks so they droop to a point where branches are within reach of deer.</li> <li>➤ Inspect previously improved springs and repair any damaged parts, clear any brush that is intruding on the collection galleries, cleaning out accumulated debris and mud, and ensure the box is structurally sound.</li> <li>➤ Exclude all livestock from the ranch.</li> </ul>
SEVEN SPRINGS RANCH  DEER ZONE A  MENDOCINO  2,250 ACRES	<p><b><i>Authorized Harvest:</i></b> 9 forked horn or better buck deer</p> <ul style="list-style-type: none"> <li>• Issue 9 buck deer tags for the period of July 10, 2021 through November 30, 2021.</li> <li>• No more than 4 buck deer may be harvested after September 26, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Exclude livestock grazing from the PLM area to increase habitat quality for wildlife.</li> <li>➤ Remove 0.20 miles of dilapidated woven wire fencing.</li> <li>➤ Plant 0.125 acres of clover and vetch seed on washouts along roads and slides.</li> <li>➤ Cut and mechanically treat, by uprooting, approximately 1 acre of young Douglas fir which are growing on ridges within the oak woodland area.</li> <li>➤ Clean out spring pond at the south end of the ranch of excess vegetation.</li> <li>➤ Mechanically treat at least 1.25 acres, with heavy equipment, by removing and crushing decadent brush above the root crown (chaparral areas).</li> <li>➤ Cut the decadent branch growth off willows (5 trees) that were planted in springs and washouts in prior years.</li> </ul>

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
<p>SIX POINT RANCH</p> <p>DEER ZONE A</p> <p>MENDOCINO</p> <p>3,960 ACRES</p>	<p><b>Authorized Harvest:</b> 12 forked horned or better buck, 3 bull elk, and 5 antlerless elk</p> <ul style="list-style-type: none"> <li>• Issue 12 buck deer tags for the period of July 15, 2021 through September 1, 2021 and October 1, 2021 through November 15, 2021.</li> <li>• No more than 4 buck deer may be harvested after September 26, 2021</li> <li>• Issue 3 bull elk tags for the period of July 20, 2021 through October 19, 2021</li> <li>• Issue 5 antlerless elk tags for the period of September 15, 2021 through November 30, 2021.</li> <li>• On or before October 15, 2021, the licensee may request (in writing) up to 1 bull tag and 3 additional antlerless elk tags to accomplish the authorized harvest. In no case shall the number of tags issued be used to exceed the authorized harvest.</li> <li>• The number of tag holders actively hunting shall not exceed the number of elk available to harvest.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Maintain 7 miles of roads and water bars where slopes are greater than 15%.</li> <li>➤ Seed along 7 miles roads for wildlife forages and erosion control.</li> <li>➤ Create 15 wildlife brush piles at least 8 feet high and 30 feet in diameter.</li> <li>➤ Place tree stems and brush in the head cuts in at least 5 locations to decrease soil erosion on the upland areas.</li> <li>➤ There will be no cattle grazing on the ranch this year in accordance with the rest period outlined in the management plan.</li> <li>➤ Maintain exclusion fencing around Matthews Ranch Lake and riparian zone.</li> <li>➤ Remove at least 50 feet of fence barriers and replace with elk crossings and wildlife friendly fencing.</li> <li>➤ Maintain all the water developments, name and map them all for better management in the future.</li> <li>➤ Plant 10 acres of forage plots for deer utilization.</li> <li>➤ Establish a 2-acre exclusion plot for deer fawning area.</li> <li>➤ Treat at least 10 acres of Yellow Star thistle.</li> </ul>
<p>SMITH RIVER PLM</p> <p>DEL NORTE</p> <p>25,229 ACRES</p>	<p><b>Authorized Harvest:</b> 4 bull elk and 6 antlerless elk</p> <ul style="list-style-type: none"> <li>• Issue 4 bull elk tags for the period of August 1, 2021 through October 31, 2021.</li> <li>• On or before October 1, 2021 the licensee may request (in writing) up to 1 additional bull tag to accomplish the harvest goal.</li> <li>• In no case shall the number of tags issued be used to exceed the authorized harvest.</li> <li>• The number of tag holders actively hunting shall not exceed the number of elk available to harvest.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Within the 5-year term, provide and deliver 30 merchantable trees 12-24 inches DBH to project site. Enhance Coho salmon habitat in Rowdy Creek through the placement of 30-40-foot-long tree segments with root wads attached to be placed instream for large woody debris habitat. All proposed habitat work has been completed for the 5-yr. period in year 1 of the agreement.</li> </ul>

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
SMITH RIVER PLM CONT.	<ul style="list-style-type: none"> <li>• Issue 6 antlerless elk tags for the period of September 1, 2021 through November 15, 2021.</li> <li>• 5 of the antlerless elk tags will be made available for CDFW to distribute to licensed hunters through the SHARE Program. SHARE will reimburse the PLM for the tag fees, but the PLM will otherwise provide the hunts free of charge.</li> </ul>	
SPRING VALLEY RANCH  DEER ZONE A  MENDOCINO  4,860 ACRES	<p><b>Authorized Harvest:</b> 24 forked horn or better buck deer, 4 bull elk, and 1 antlerless elk</p> <ul style="list-style-type: none"> <li>• Issue 24 buck deer tags for the period of August 1, 2021 through November 30, 2021.</li> <li>• No more than 8 buck deer may be harvested after September 26, 2021.</li> <li>• Issue 4 bull elk tags for the period of August 1, 2021 through November 30, 2021.</li> <li>• On or before October 15, 2021, the licensee may request (in writing) up to 1 additional bull elk tag to complete the authorized harvest.</li> <li>• In no case shall the number of tags issued be used to exceed the authorized harvest.</li> <li>• The number of tag holders actively hunting shall not exceed the number of elk available to harvest.</li> <li>• Issue 1 antlerless elk tag for the period of September 15, 2021 through November 30, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Maintain 14 previous water development projects.</li> <li>➤ Create 2 brush piles at least 6 feet tall and 10 feet in diameter at the base.</li> <li>➤ Remove and manipulate 0.50 acres of brush by tractor, hand, and/or herbicide.</li> <li>➤ Mechanically remove 0.25 acres of blackberries to create clearings for wildlife.</li> <li>➤ Mechanically remove 0.50 acres of manzanita to create clearings for wildlife.</li> <li>➤ Mechanically remove with a tractor and or by hand 0.75 acres of scotch broom and coyote brush to improve wildlife forage.</li> <li>➤ Repair existing elk crossings as necessary and construct 1 new elk crossing.</li> <li>➤ Remove at least 1,000 feet of woven wire cross fencing to reduce wildlife entanglement.</li> <li>➤ Maintain a 5-acre pond for use by migratory birds and other wildlife, including large mammals. The pond provides year-round water, as well as roosting, feeding, and nesting habitat.</li> <li>➤ 2 mile of road maintenance and erosion control measures.</li> <li>➤ Install 0.25 miles of wildlife friendly fencing or 1 elk crossing on Siqueira Ranch.</li> </ul>

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
STACKHOUSE RANCH  DEER ZONE C3  SHASTA  400 ACRES	<p><b>Authorized Harvest:</b> 2 deer of which no more than 1 may be antlerless deer</p> <ul style="list-style-type: none"> <li>• Issue 2 either-sex deer tags for the period of September 1, 2021 through November 30, 2021.</li> <li>• Buck's deer must be forked horn or better.</li> <li>• No antlerless deer shall be harvested before September 15, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Conduct a 5 acre or larger understory prescribed burn within mature oak stands.</li> <li>➤ Allow regrowth of important brush species to 3 feet in the 100 acres of thinned plantations.</li> <li>➤ Control invasive blackberries on 15 acres at the pond and restored meadows, by spraying with appropriate herbicide.</li> <li>➤ Maintain 6 wood duck nesting boxes.</li> <li>➤ Reconstruct 2 nesting islands.</li> </ul>
STEWART RANCH  DEER ZONE B1  TRINITY  11,006 ACRES	<p><b>Authorized Harvest:</b> 36 forked horn or better buck deer, 5 antlerless deer, and 10 bears</p> <ul style="list-style-type: none"> <li>• Issue 36 buck deer tags for the period of August 1, 2021 through November 30, 2021. 10 of those tags shall be provided to apprentice or first-time hunters, and 1 shall be donated to a Hunter Education Instructor.</li> <li>• Issue 5 antlerless deer tags for the period of September 15, 2021 through November 30, 2021.</li> <li>• No more than 18 buck deer may be harvested after October 24, 2021.</li> <li>• On or before October 15, 2021, the licensee may request (in writing) up to 5 additional either-sex deer tags to accomplish the authorized harvest.</li> <li>• In no case shall the number of tags issued be used to exceed the authorized harvest.</li> <li>• The number of tag holders actively hunting shall not exceed the number of deer available to harvest.</li> <li>• Issue 5 bear tags for the period of August 1, 2021 through December 29, 2021, or until CDFW determines 1,700 bears have been harvested.</li> </ul>	<ul style="list-style-type: none"> <li>➤ The ranch was almost completely burned in the August Complex Fire. The operator and CDFW will need to re-evaluate projects outlined in the 5-yr. management plan.</li> <li>➤ Rebuild wildlife-friendly fencing and irrigation for all wildlife food plots that burned.</li> <li>➤ Replant 4 irrigated food plots (10 acres total) with clover, chicory, and brassica to provide forage for wildlife at least every 4 years.</li> <li>➤ Replant at least 11 acres of dryland food plots with barley, wheat, oats, plantain, and grains.</li> <li>➤ Maintain 8 water sources (ponds and springs) with cattle exclusion fencing by inspecting and repairing any damaged parts.</li> <li>➤ Maintain the 200-yard buffer Golden Eagle nesting site protection area below Tina Marie's Rock.</li> <li>➤ Maintain all 15 wood duck nesting boxes by repairing and replacing damaged boxes.</li> </ul>



**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
STEWART RANCH CONT.	<ul style="list-style-type: none"> <li>On or before October 15, 2021, the licensee may request (in writing) up to 5 additional bear tags to accomplish the authorized harvest.</li> <li>Cubs and females accompanied by cubs may not be taken.</li> <li>Hunters may only harvest one bear per hunting license year.</li> </ul>	
STOVER RANCH  HUMBOLDT  7,000 ACRES	<p><b>Authorized Harvest:</b> 4 bull elk and 2 antlerless elk</p> <ul style="list-style-type: none"> <li>Issue 4 bull elk tags for the period September 1, 2021 through November 30, 2021.</li> <li>Issue 2 antlerless elk tags for the period October 1, 2021 through November 30, 2021.</li> <li>One of the antlerless elk tags will be made available for DFW to distribute to an Apprentice Hunter through the SHARE Program. SHARE will reimburse the PLM for the tag fee, but the PLM will otherwise provide the hunt free of charge</li> </ul>	<ul style="list-style-type: none"> <li>➤ Remove encroaching conifers from at least 55 acres of oak woodlands.</li> <li>➤ Remove encroaching conifers less than or equal to 8 inches DBH and at least 16,500 linear yards along the margin of grasslands.</li> <li>➤ Remove conifers from the core grassland area of at least 78 acres of trees less than or equal to 12 inches DBH.</li> </ul>
SUMMER CAMP RANCH  DEER ZONE B1  MENDOCINO  38,502 ACRES	<p><b>Authorized Harvest:</b> 80 forked horn or better buck deer and 1 bull elk</p> <ul style="list-style-type: none"> <li>Issue 80 buck deer tags for the period of July 10, 2021 through November 30, 2021.</li> <li>No more than 40 buck deer may be taken after October 24, 2021.</li> <li>Issue 1 bull elk tag for the period of July 10, 2021 through December 15, 2021.</li> <li>On or before October 15, 2021, the licensee may request (in writing) up to 20 additional buck deer tags and 1 additional bull elk tag to accomplish the authorized harvest.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Maintain 3 irrigated wildlife forage areas, totaling 12.5 acres.</li> <li>➤ Maintain RE2 riparian exclusion areas totaling 0.50 acre by repairing any damaged fencing and willows will be monitored for survival.</li> <li>➤ Maintain 14 developed springs by checking and repairing any damage. Exclude livestock grazing from July through October.</li> <li>➤ Improved grazing management on the 9-acre Garcey Unit to leave a minimum of 1000 pound per acre RDM.</li> <li>➤ Create a 25-acre shaded fuel break through out this 5-yr. period (5 acres each year). The fuel break will be up to 100-inch width along both sides of approximately 1 mile of existing permanent roadway.</li> </ul>

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
SUMMER CAMP RANCH CONT.	<ul style="list-style-type: none"> <li>In no case shall the number of tags issued be used to exceed the authorized harvest.</li> <li>The number of deer or elk tag holders actively hunting shall not exceed the number of deer or elk available to harvest.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Create at least 20 slash piles that are a minimum of 10 feet in diameter.</li> <li>➤ Remove planted conifers in 5 acres of grassland areas to improve forage for wildlife.</li> <li>➤ Cattle will be removed from the PLM from July through October.</li> <li>➤ Maintain approximately 7 miles of riparian fencing on the Eel River and repair any damage.</li> <li>➤ Maintain a minimum of 10 miles of road to prevent sedimentation into the Eel River system. Road maintenance will generally include grading roads, pulling inside ditches where they exist, shaping the road surface to promote proper drainage, and inspection/repair of drainage facilities such as cross drains and culverts.</li> <li>➤ Burn 10 acres of brush and grasslands in coordination with CalFire Vegetation Management Program to rejuvenate vegetation and control conifers invading oak woodlands.</li> <li>➤ Burns throughout the 5-yr period with the CAL FIRE Vegetation Management Program are dependent upon conditions, if burning cannot be conducted during the five-year project, 25 acres of planted Ponderosa pine in grassland areas will be treated for conifer removal as an alternative.</li> </ul>
TRAVIS RANCH  DEER ZONE B1  TRINITY  11,190 ACRES	<p><b>Authorized Harvest:</b> 15 deer of which no more than 5 may be antlerless deer</p> <ul style="list-style-type: none"> <li>Issue 15 either-sex deer tags for the period of July 15, 2021 through November 30, 2021.</li> <li>Buck's deer must be forked horn or better.</li> <li>No antlerless deer shall be harvested before September 15, 2021.</li> <li>No more than 7 buck deer may be harvested after October 24, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Remove encroaching conifers less than or equal to 12 inches DBH from at least 20 acres of oak woodland in Area D.</li> <li>➤ Treat at least 75 acres of Yellow Star thistle with herbicide and biological controls in Areas J and F.</li> <li>➤ Spring development in the form of wildlife friendly fencing around the spring site, and installation of livestock watering trough with float valve away from the water source in Area H.</li> </ul>

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
WIGGINS RANCH  HUMBOLDT  16,657 ACRES	<p><b>Authorized Harvest:</b> 2 bull elk and 2 antlerless elk</p> <ul style="list-style-type: none"> <li>• Issue 2 bull elk tags for the period of August 1, 2021 through October 31, 2021.</li> <li>• Issue 2 antlerless elk tags for the period of September 1, 2021 through November 15, 2021.</li> <li>• One of the antlerless elk tags will be made available for DFW to distribute to an Apprentice Hunter through the SHARE Program. SHARE will reimburse the PLM for the tag fee, but the PLM will otherwise provide the hunt free of charge.</li> </ul>	<p>➤ Remove encroaching conifers less than or equal to 6 inches diameter-at-breast height from 200 acres of oak woodlands. All required habitat work has been completed in year 1 of the 5-yr. PLM licensing agreement.</p>

**BAY DELTA REGION**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
BUCKEYE RANCH  DEER ZONE A  SOLANO  3,000+ ACRES	<p><b>Authorized Harvest:</b> 10 forked horn or better buck deer</p> <ul style="list-style-type: none"> <li>• Issue 10 buck deer tags to take forked horn or better bucks for the period of July 10, 2021 to November 30, 2021.</li> <li>• No more than 4 buck may be taken after the close of A Zone deer rifle hunt.</li> </ul>	<p>➤ Install 3 wildlife guzzlers.</p> <p>➤ Inspect and maintain on-site wildlife water sites two times per year.</p> <p>➤ Construct 3 piles of chamise-chaparral or other woody vegetation for bird nesting habitat. Piles should measure at least 15 feet x 15 feet wide x 4 feet tall.</p> <p>➤ Disk and plant 4 1-acre wildlife habitat plots. The planting mix should contain a mixture of forbs such as clover.</p>
CONNOLLY AND CORRAL HOLLOW RANCH  SAN JOAQUIN  11,758 ACRES	<p><b>Authorized Harvest:</b> 1 bull elk</p> <ul style="list-style-type: none"> <li>• Issue 1 bull elk tag for the periods of July 15, 2021 through September 15, 2021 and November 15, 2021 through December 15, 2021.</li> </ul>	<p>➤ Provide 800 acres of grasslands on the Connolly ranch for exclusive use by elk from July through March.</p> <p>➤ Provide 480 acres of grasslands on the Corral Hollow ranch for exclusive use by elk.</p> <p>➤ Continue to implement rotational cattle grazing regime to provide adequate forage for elk.</p> <p>➤ Leave downed and standing dead trees, including those that are a result of the SCU Lightning Complex fires.</p>

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

<b>CENTRAL REGION</b>		
<b>PLM Area</b>	<b>Proposed Season and Harvest</b>	<b>Habitat Improvement Program</b>
ALEXANDER RANCH  DEER ZONE A  MONTEREY  786 ACRES	<p><b>Authorized Harvest:</b> 1 bull elk, 2 antlerless elk and 1 forked horn or better buck deer</p> <ul style="list-style-type: none"> <li>• Issue 1 bull elk tag for the period of July 2, 2021 through December 31, 2021.</li> <li>• Issue 2 antlerless elk tags for the period of August 15, 2021 through December 31, 2021.</li> <li>• Issue 1 buck deer tag for the period July 2, 2021 through November 30, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Maintain existing springs, troughs, and reservoirs to provide water for wildlife.</li> <li>➤ Limit cattle stocking rate to 75 animals to enhance and provide habitat and feed for wildlife.</li> <li>➤ Create 5 brush piles for use by wildlife.</li> <li>➤ Crush or burn 5 acres of old growth brush to stimulate new forage growth for wildlife.</li> </ul>
AVENALES RANCH  SAN LUIS OBISPO COUNTY  11,300 ACRES	<p><b>Authorized harvest:</b> 4 bull elk and 3 antlerless elk</p> <ul style="list-style-type: none"> <li>• Issue 3 bull elk tags for the period of July 15, 2021 through December 15, 2021.</li> <li>• Issue 3 antlerless elk tag for the period of September 15, 2021 through December 15, 2021.</li> </ul> <p>Note: the PLM is not requesting their full approved allocation authorized harvest of tags.</p>	<ul style="list-style-type: none"> <li>➤ Repair and upgrade wildlife projects built in 2016.</li> <li>➤ Install 1 wildlife friendly water trough and camera to monitor wildlife and cattle 3/7.</li> <li>➤ Install 1 wildlife friendly water trough and camera to monitor wildlife and cattle 4/7.</li> <li>➤ Install 5 ramps into existing water troughs for small game and upland game birds. Fence off small area and provide brush piles and habitat.</li> <li>➤ Rebuild fencing and reconstruct brush piles and water catch basin at rock pile area. Clean out and repair spring to supply water at this project.</li> </ul>
CARNAZA RANCH  SAN LUIS OBISPO  8,475 ACRES	<p><b>Authorized Harvest:</b> 3 bull elk and 3 antlerless elk</p> <ul style="list-style-type: none"> <li>• Issue 3 bull elk tags for the period of July 15, 2021 through December 31, 2021.</li> <li>• Issue 3 antlerless elk tags for the period of August 15, 2021 through December 31, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Plant 100 acres of barley per year to provide food and cover for wildlife.</li> <li>➤ Keep water troughs full year-round to provide water for wildlife.</li> <li>➤ Plant 10 trees to enhance wildlife habitat.</li> <li>➤ Clean out spring pond.</li> </ul>

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
CARRIZO RANCH  SAN LUIS OBISPO  11,040 ACRES	<p><b>Authorized Harvest:</b> 3 bull elk and 2 antlerless elk</p> <ul style="list-style-type: none"> <li>• Issue 3 bull elk tags for the period July 15, 2021 through December 31, 2021.</li> <li>• Issue 2 antlerless elk tags for the period August 15, 2021 through December 31, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Install wildlife water trough at Lewis.</li> <li>➤ Plant 5 bushes for cover in watering area.</li> <li>➤ Plant 10 trees around Lookout Mill pond.</li> <li>➤ Plant 100 acres of barley.</li> <li>➤ Improve fencing for pronghorn.</li> </ul>
CHIMNEY ROCK RANCH  DEER ZONE A  SAN LUIS OBISPO  6,500 ACRES	<p><b>Authorized Harvest:</b> 3 bull elk, 10 forked horn or better buck deer</p> <ul style="list-style-type: none"> <li>• Issue 3 bull elk tags for the period July 15, 2021 through December 31, 2021.</li> <li>• Issue 16 buck deer tags to take no more than 10 forked horn or better buck deer for the period beginning with the opening day of A-Zone archery season 2021 through November 30, 2021.</li> <li>• At the request of the licensee on or before October 25th, the licensee may request an addition of 4 deer tags to accomplish the authorized harvest.</li> </ul> <p>Note: Chimney Rock Ranch officially only has 2 bulls, but 1 tag was moved from Clark &amp; White in 2016.</p>	<ul style="list-style-type: none"> <li>➤ Construct 10+ brush piles for wildlife cover. Will burn old, collapsed piles, weather permitting.</li> <li>➤ Defer cattle from Lake Pasture from mid-spring through mid-summer to allow growth of cover grasses and protect marsh areas which will enable/enhance wildlife and nesting bird propagation.</li> <li>➤ Continue to monitor and repair all water sources.</li> <li>➤ Install elk crossing along Beet field's back fence.</li> <li>➤ Continue masticating brush area between Five Points and the Alex Dam.</li> <li>➤ Work with CalFire to schedule possible prescribed burning.</li> <li>➤ Spray Yellow Star, Mustard, thistles, etc. in Lake Pasture.</li> <li>➤ Plant up to 50 acres of barley in several areas.</li> </ul>
CLARK AND WHITE RANCHES  SAN LUIS OBISPO  5,660 ACRES	<p><b>Authorized Harvest:</b> 3 bull elk and 2 antlerless elk</p> <ul style="list-style-type: none"> <li>• Issue 1 bull elk tag for the period of July 15, 2021 through December 15, 2021.</li> <li>• Issue 1 antlerless elk tag for the period of August 15, 2021 through December 15, 2021.</li> </ul> <p>Note: Clark and White ranches are not requesting their full allocation of tags.</p>	<ul style="list-style-type: none"> <li>➤ Plant 1,000 acres of barley for use by elk and other wildlife.</li> <li>➤ Repair 1 dam to increase standing water and enhance riparian/marsh habitats.</li> </ul>

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
D-RAFTER – “L” RANCH, LLC  SAN LUIS OBISPO  3,156 ACRES	<p><b>Authorized Harvest:</b> 2 bull elk and 1 antlerless elk</p> <ul style="list-style-type: none"> <li>Issue 2 bull elk tags for the period July 1, 2021 through December 31, 2021.</li> <li>Issue 1 antlerless elk tag for the period August 15, 2021 through December 31, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Maintain and establish brush piles for wildlife habitat.</li> <li>➤ Maintain wood duck boxes at Ponds 1-8.</li> <li>➤ Maintain goose platforms at Ponds 2 &amp; 3.</li> <li>➤ Maintain owl boxes.</li> <li>➤ Leave downed woody debris for wildlife.</li> <li>➤ Maintain oak trees for mast production.</li> <li>➤ Maintain operational status of 2 existing water projects.</li> </ul>
GABILAN RANCH  MONTEREY  10,000 ACRES	<p><b>Authorized Harvest:</b> 3 bull elk and 1 antlerless elk</p> <ul style="list-style-type: none"> <li>Issue 2 bull elk tags for the period of July 1, 2021 through December 31, 2021.</li> </ul> <p>Note: Gabilan Ranch is not requesting their full allocation of tags.</p>	<ul style="list-style-type: none"> <li>➤ Burn 200 acres of chaparral and woodland with heavy brush undergrowth to stimulate new forage growth.</li> <li>➤ Construct 10 brush piles for use by wildlife.</li> <li>➤ Remove cattle in May to provide feed and reduce competition for wildlife.</li> <li>➤ Continue an erosion control program to reduce sedimentation in the area creeks.</li> <li>➤ Treat one half acre of Purple Star thistle to enhance and maintain habitats for wildlife.</li> <li>➤ Let the “gathering pasture” (250 acres) near the house grow up between March 1, 2021 - April 30, 2021 for cover for early ground nesting birds.</li> <li>➤ Continue the reduced stocking rate of 1000 animals, which is 200 head less than normal.</li> <li>➤ Follow Smoke Management Plan with CDF and Monterey Air Quality Control Board to improve burn scheduling flexibility.</li> <li>➤ Clean out wood duck boxes and prepare them for nesting season.</li> </ul>
HARTNELL RANCH  DEER ZONE A  MONTEREY  4,600 ACRES	<p><b>Authorized Harvest:</b> 1 bull elk, 2 antlerless elk, and 2 forked horn or better buck deer</p> <ul style="list-style-type: none"> <li>Issue 1 bull elk tag for the period of July 2, 2021 through December 31, 2021.</li> <li>Issue 2 antlerless elk tags for the period August 15, 2021 through December 31, 2021.</li> <li>Issue 2 buck deer for the period of July 2, 2021 through November 30, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Plant 10 acres of forage mix to provide feed for wildlife (elk and deer).</li> <li>➤ Maintain existing springs, troughs, and reservoirs to provide water for wildlife.</li> <li>➤ Create 8 brush piles for use by wildlife.</li> <li>➤ Limit cattle stocking rate to 250 animals to maintain and reserve habitats for wildlife.</li> </ul>

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
HEARST RANCH  SAN LUIS OBISPO  5,381 ACRES	<p><b>Authorized Harvest:</b> 6 bull elk and 6 antlerless elk</p> <ul style="list-style-type: none"> <li>• Issue 3 bull elk tags for the period of July 15, 2021 through December 31, 2021.</li> <li>• Issue 4 antlerless elk tags for the period of August 15, 2021 through December 31, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Irrigate 152 acres in the Arroyo de la Cruz drainage and seed with native grassed to produce year-round forage for wildlife.</li> <li>➤ Continue rotational grazing practices to meet the standard for 'light' grazing.</li> <li>➤ Exclude livestock with 2.5 miles of fencing from the 105-acre Arroyo de la Cruz riparian corridor during stream flow.</li> <li>➤ Treat 1 acre of Spanish broom using hand pulling and digging. Apply 3% glyphosate or mechanical cutting as needed.</li> <li>➤ Treat 1 acre of jubata grass with hand pulling and application of 2% glyphosate as needed. Control flower plumes by bagging and removing or burning.</li> <li>➤ Install 4 raptor perches.</li> <li>➤ Maintain escape ramps in all wildlife troughs.</li> </ul>
LEWIS RANCH  SAN BENITO  512 ACRES	<p><b>Authorized Harvest:</b> 1 bull elk and 1 antlerless elk (1 bull elk tag available every <u>other</u> year)</p> <ul style="list-style-type: none"> <li>• Issue 1 antlerless elk tag for the period of August 15, 2021 through December 31, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ No cattle grazing on 512 acres to provide high quality habitat for tule elk, quail, and other wildlife.</li> <li>➤ Maintain perennial water for wildlife in four guzzlers.</li> <li>➤ Maintain 12 brush piles by adding to them as needed for wildlife cover.</li> <li>➤ Disc 4 fields, seed with barley and fertilize to provide supplemental food and cover for wildlife.</li> <li>➤ Clean and repair 4 existing owl boxes for the upcoming nesting season.</li> <li>➤ Disc 4 fields in spring, seed with safflower and fertilize to provide supplemental food and cover for wildlife.</li> <li>➤ Empty and clean troughs, check water flow and wildlife escape ramps – repair any damaged parts.</li> <li>➤ Check 4 bat boxes.</li> </ul>

**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
MORISOLI RANCH  MONTEREY AND SAN BENITO  14,700 ACRES  MORISOLI RANCH CONT.	<p><b>Authorized Harvest:</b> 4 bull elk and 4 antlerless elk</p> <ul style="list-style-type: none"> <li>Issue 3 bull elk tags for the period of July 1, 2021 through December 31, 2021.</li> <li>Issue 3 antlerless elk tags for the period August 15, 2021 through December 31, 2021.</li> </ul> <p>Note: The Morisoli Ranch wished to request their full allocation of elk tags for the upcoming season but that would represent an increase in tags and is not possible without new regulations for the state allocating more PLM elk tags.</p>	<ul style="list-style-type: none"> <li>➤ Build and install 1 elk crossing.</li> <li>➤ Construct 5 brush piles for use by wildlife.</li> <li>➤ Develop 1 new water source for wildlife.</li> <li>➤ Convert 1 existing water source so that it is wildlife accessible.</li> <li>➤ Plant 10 acres of forage mix for use by wildlife.</li> <li>➤ Clear 5 acres of old growth brush to stimulate new forage growth for use by wildlife.</li> <li>➤ Seed cleared areas with barley/vetch mixture to provide additional forage for wildlife.</li> <li>➤ Build and install 1 owl nest box.</li> <li>➤ Develop and install 1 elevated raptor nesting location.</li> </ul>
ROOSTER COMB RANCH  A DEER ZONE  STANISLAUS  4,862 ACRES	<p><b>Authorized Harvest:</b> 8 forked horn or better buck deer and 2 bull elk</p> <ul style="list-style-type: none"> <li>Issue 8 buck deer tags for the period August 7, 2021 through November 28, 2021.</li> <li>Issue 2 bull elk tags for the period September 4, 2021 through December 31, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Plant 25 acres with rye/vetch mix in Area A.</li> <li>➤ Plant 12 acres with Sudan grass mix in Area A.</li> <li>➤ Maintain all current water sources and fence crossings.</li> </ul>
SAN BARTOLOME RANCH PLM  DEER ZONE A  MONTEREY  3,500 ACRES	<p><b>Authorized Harvest:</b> 1 bull elk, 1 antlerless elk, 3 forked horn or better buck deer, and 3 antlerless deer</p> <ul style="list-style-type: none"> <li>Issue 1 bull elk tag for the period of July 2, 2021 through December 31, 2021.</li> <li>Issue 1 antlerless elk tag for the period of August 15, 2021 through December 31, 2021.</li> <li>Issue 3 buck deer and 3 either sex deer tags, to take no more than 3 buck deer and 3 antlerless deer for the period of July 2, 2021 through November 30, 2021.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Plant 50 acres of grain/barley for use by wildlife.</li> <li>➤ Make 1 existing water source wildlife friendly.</li> <li>➤ Install 1 elk crossing.</li> <li>➤ Install 1 bird nest or bat box.</li> <li>➤ Build one 10-foot x 10-foot brush pile for wildlife cover.</li> <li>➤ Install 1 trough and storage tank in the east side of middle pasture to bring new water to the area for wildlife.</li> </ul>



**PLM AREA LICENSE**  
**ANNUAL RENEWALS, 2021/2022**  
**PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
<p>TEJON RANCH</p> <p>DEER ZONE D-10</p> <p>KERN &amp; LOS ANGELES</p> <p>270,000 ACRES</p> <p>TEJON RANCH CONT.</p>	<p><b>Authorized Harvest:</b> 40 forked horn or better buck deer, 5 antlerless deer, 12 bull elk, 3 antlerless elk, 15 bearded turkeys, and 0 pronghorn</p> <ul style="list-style-type: none"> <li>• Issue 20 buck deer tags for the period of September 24, 2021 through November 7, 2021 (early season).</li> <li>• Issue 20 buck deer tags for the period of November 8, 2021 through December 31, 2021 (late season).</li> <li>• Issue 5 antlerless deer tags for the period of December 1, 2021 through December 31, 2021.</li> <li>• Issue 12 bull elk tags and 3 antlerless elk tags for the period of September 1, 2021 through December 31, 2021.</li> <li>• No persons shall take more than 1 buck deer, 1 bull elk, and 1 antlerless elk.</li> <li>• Issue 15 bearded turkey tags for the period of March 15, 2021 through May 16, 2021.</li> </ul> <p>No pronghorn tags shall be issued for the authorized harvest of either sex.</p>	<ul style="list-style-type: none"> <li>➤ Treat roadside invasive weeds: Comanche, Alamo, Haul Road, Antelope Valley.</li> <li>➤ Treat invasive weeds at pond sites.</li> <li>➤ Maintain wildlife escape ramps in livestock water systems /.</li> <li>➤ Repair and maintain guzzler systems</li> <li>➤ Maintenance of netting covering open water tanks and large spring containments.</li> <li>➤ Maintain fencing to exclude cattle from riparian zones and guzzlers; maintain smooth wire pasture fences to enhance pronghorn movement.</li> <li>➤ Monitor riparian zones using Best Management Practices for Wildlife management and cattle grazing.</li> <li>➤ Develop springs in Antelope Valley to disperse wildlife and cattle.</li> </ul>
<p>TEMBLOR RANCH</p> <p>SAN LUIS OBISPO AND KERN</p> <p>30,000 ACRES</p>	<p><b>Authorized Harvest:</b> 9 bull elk and 10 antlerless elk</p> <ul style="list-style-type: none"> <li>• Issue 9 bull elk tags for the period July 15, 2021 through December 31, 2021.</li> <li>• Issue 10 antlerless elk tags for the period August 15, 2021 through December 31, 2021.</li> <li>• At the request of the licensee on or before November 1, 2021, the licensee may request in writing up to 9 additional bull tags and 10 additional antlerless tags to accomplish the authorized harvest of no more than 19 elk.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Plant 1 acre of irrigated pasture for use by wildlife.</li> <li>➤ Plant 10 shade trees for use by wildlife.</li> <li>➤ Plant 100 acres of barley for use by wildlife.</li> <li>➤ Install 0.50 mile of water line and a new trough to provide water for wildlife.</li> </ul>

***PLM AREA LICENSE  
ANNUAL RENEWALS, 2021/2022  
PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS***

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
TRINCHERO RANCH  SAN BENITO  4,452 ACRES	<p><b><i>Authorized Harvest:</i></b> 3 bull elk, and 1 antlerless elk</p> <ul style="list-style-type: none"> <li>• Issue 2 bull elk tags for the period of July 15, 2021 through December 31, 2021.</li> </ul> <p>Note: The Trinchero ranch is choosing not to request their full allocation of elk tags this year.</p>	<ul style="list-style-type: none"> <li>➤ Limited cattle grazing on approximately 4,000 acres in Black and Red Mountain pastures from December through May.</li> <li>➤ Mow or brush crush 5 acres of chaparral to stimulate growth of new wildlife forage.</li> <li>➤ Construct 4-6 brush piles for use by wildlife.</li> <li>➤ Rebuild guzzler on Black mountain to provide water for wildlife.</li> </ul>
WORK RANCH  DEER ZONE A  MONTEREY  19,500 ACRES	<p><b><i>Authorized Harvest:</i></b> 1 bull elk, 4 antlerless elk, 6 forked horn or better buck deer, and 2 antlerless deer</p> <ul style="list-style-type: none"> <li>• Issue 1 bull elk tag for the period of July 2, 2021 through December 31, 2021.</li> <li>• Issue 2 antlerless elk tags for the period August 15, 2021 through December 31, 2021.</li> <li>• Issue 4 buck deer tags and 4 either sex deer tags to take no more than 6 buck deer and 2 antlerless deer for the period of July 2, 2021 through November 30, 2021.</li> </ul> <p>Note: Work Ranch is not requesting to use all their antlerless elk tag allocation.</p>	<ul style="list-style-type: none"> <li>➤ Install a solar pump and panel in the Cottonwood well to provide more water for wildlife.</li> <li>➤ Install a ground level trough in Johnson canyon to make water available for wildlife.</li> <li>➤ Plant 100 acres of grain in Johnson canyon as supplemental feed for wildlife.</li> <li>➤ Plant 150 acres of grain in Pence field as supplemental feed for wildlife.</li> <li>➤ Replace the water tank in Archer canyon to store more water for wildlife.</li> </ul>