

STAFF SUMMARY FOR APRIL 26-27, 2017

6. ANNUAL PLM HARVEST PROGRAMS**Today's Item**Information ☐Action ☒

Approve the annual Private Lands Wildlife Habitat Enhancement and Management (PLM) Area seasons, harvests and habitat improvements for 2017-2018 on 51 properties.

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

Fish and Game Code sections 3400-3409, and Title 14 Section 601 prescribes 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; an annual list of 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 51 PLM properties have been reviewed by DFW and found to be in compliance with FGC regulations and policies for PLMs; applicants have identified 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 51 PLM properties as recommended by DFW, under a motion to adopt the consent calendar.

DFW: Approve annual seasons, harvests, and habitat improvements for 51 properties, under the conditions specified in Exhibit 2.

Exhibits

1. [DFW memo, received Mar 21, 2017](#)
2. [PLM proposed annual details](#)
3. [Alphabetical listing of 51 properties](#)

Motion/Direction

Moved by _____ and seconded by _____ that the Commission adopts the consent calendar, items 3-6

State of California
Department of Fish and Wildlife

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2017 MAR 21 AM 7:52

Memorandum

Date: March 13, 2017

To: Valerie Termini
Executive Director
Fish and Game Commission

From: Charlton H. Bonham
Director



Subject: **Agenda Item for the April 26, 2017 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 and 5-year renewals for 56 properties in 16 counties consisting of approximately 570,621 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 2016, and all habitat work was completed.

The 5-year renewal 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 2017/18 harvest program under conditions specified in the attached table.

If you have any questions, please contact Ms. Victoria Barr at (916) 445-4034 or by email at victoria.barr@wildlife.ca.gov.

Attachment

Valerie Termini, Executive Director
Fish and Game Commission
March 13, 2017
Page 2

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**PLM AREA LICENSE
ANNUAL RENEWALS, 2017/2018
PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS**

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
NORTHERN REGION		
3D RANCH DEER ZONE B5 TEHAMA 1,732 ACRES	<p>Authorized Harvest: 7 buck deer forked horn or better, 5 bear and 75 quail</p> <ul style="list-style-type: none"> • Issue 7 buck deer tags for the period of August 15, 2017 through November 30, 2017. • No more than 4 buck deer may be harvested after October 22, 2017. • Issue 5 bear tags for the period of August 15, 2017 through December 31, 2017 or when the season closes because the Department has determined that 1,700 bears have been harvested. • Issue 75 quail seals for the period of September 1, 2017, through February 28, 2018. 	<ul style="list-style-type: none"> ➤ Mechanically crush 15 acres of decadent brush to improve forage for wildlife. ➤ Maintain a total of 7 acres of forage plots planted with legumes and clover by replanting as necessary and irrigating. ➤ Maintain 4 water sources to provide water for wildlife by checking for broken pipes and repairing as necessary. ➤ Remove at least ¼ mile of unnecessary interior fencing to prevent wildlife entanglement.
ALEXANDRE ECODAIRY FARMS PLM DEL NORTE 1,728 ACRES	<p>Authorized Harvest: 2 bull elk and 4 antlerless elk</p> <ul style="list-style-type: none"> • Issue 2 bull elk tags for the period of September 1, 2017 through December 31, 2017. • Issue 4 antlerless elk tags for the period of October 1, 2017 through December 31, 2017. 	<ul style="list-style-type: none"> ➤ Create 5 acres of perennial wetlands by using heavy equipment to excavate areas and modify existing surface drainage.
AMANN RANCH MENDOCINO 369 ACRES	<p>Authorized Harvest: 1 bull elk</p> <ul style="list-style-type: none"> • Issue 1 bull elk tag for the period of August 1, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Irrigate at least 60 acres of pasture for use by wildlife. ➤ Maintain 16 water troughs by ensuring they are holding adequate water for wildlife. ➤ Leave unharvested the second cutting of hay on 342 acres. This will retain approximately 500 tons of forage accessible to elk.

PLM AREA LICENSE
ANNUAL RENEWALS, 2017/2018
PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
AMANN RANCH CONT.		<ul style="list-style-type: none"> ➤ Install 1 rail-type elk fence crossing. The top cross rail will be no higher than 48" above the ground to accommodate adult elk and the bottom cross rail will be no lower than 22" to facilitate crossing by elk calves.
BELL RANCH DEER ZONE C4 TEHAMA 15,000 ACRES	<p>Authorized Harvest: 19 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 22 buck deer tags to take 19 buck deer for the period October 21, 2017 through December 3, 2017. • No more than 3 buck deer may be harvested after November 30, 2017. • In no case shall the number of tags issued be used to exceed the authorized harvest. • The number of tag holders actively hunting shall not exceed the number of deer available to harvest. 	<ul style="list-style-type: none"> ➤ Maintain 16 previously developed springs by checking for broken pipes and repairing as necessary. ➤ Complete construction on 3 new water sources. Each water source will consist of a 300 gallon tank protected by bear-resistant fencing, an 8x10' roof/collection apron and a drinking trough. ➤ Maintain 6 reservoirs by inspecting spillways and dams for damage and making any necessary repairs. ➤ Mechanically treat (by crushing with a bull dozer and masticating) at least 15 acres of decadent brush to encourage the growth of nutritious deer forage. ➤ Remove at least ¼ mile of woven wire interior fencing to enhance wildlife movement. ➤ Restrict off-road vehicle use within the recent brush treatment areas and minimize disturbance to wildlife. ➤ Maintain 4 wood duck boxes around Rattlesnake Pond by checking use and replacing nesting material as necessary.
BIG LAGOON PLM HUMBOLDT 109,367 ACRES	<p>Authorized Harvest: 3 bull elk and 2 antlerless elk</p> <ul style="list-style-type: none"> • Issue 3 bull elk tags for the period of August 1, 2017 through October 31, 2017. • Issue 2 antlerless elk tags for the period of October 1, 2017 through October 31, 2017. 	<ul style="list-style-type: none"> ➤ All habitat projects have been completed under the Big Lagoon PLM 5-year management plan (contributing and delivering logs and associated root wads to a stream restoration site). Therefore, no habitat work is required during this license year.

PLM AREA LICENSE
ANNUAL RENEWALS, 2017/2018
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>Authorized Harvest: 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"> • Issue 10 either-sex deer tags for the period of August 1, 2017 through November 30, 2017. • No antlerless deer shall be harvested before September 15, 2017. • No more than 7 buck deer may be harvested after October 22, 2017. • On or before October 15, 2017, the licensee may request (in writing) up to 12 additional either-sex deer tags to accomplish the authorized harvest. 	<ul style="list-style-type: none"> ➤ Maintain all previously developed water sources (3 springs and 4 guzzlers; guzzlers total 3,200 gallons) to provide water for wildlife. Maintenance includes repairing broken and deteriorating pipes and other components. ➤ Burn at least 15 acres of decadent chaparral and/or annual grasses to increase forage for wildlife. ➤ Use cattle to help remove thatch buildup of medusahead and other nonnative grasses. Cattle will be limited to 30 head and grazing will only occur from December through May. ➤ Maintain the wildlife-friendly livestock exclusion fencing around developed springs by repairing any damage. ➤ Reseed a 5 acre dryland food plot if the current alfalfa, chicory, and plantain crop has less than 50% cover. ➤ Irrigate the 1 acre alfalfa food plot during the dry season. The plot is fenced with wildlife-friendly fencing to exclude livestock. ➤ Use a brush rake to remove 15 acres of decadent chamise to improve browse and reduce the fire hazard.
CHRISTENSEN RANCH DEER ZONE B1 MENDOCINO 1,061 ACRES	<p>Authorized Harvest: 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"> • Issue 22 either-sex deer tags for the period of August 1, 2017 through November 30, 2017. • No antlerless deer shall be harvested before September 15, 2017. • No more than 7 buck deer may be harvested after October 22, 2017. • On or before October 25, 2017, the licensee may request (in writing) up to 12 additional either-sex tags to accomplish the authorized harvest. 	<ul style="list-style-type: none"> ➤ Maintain a well on the property to fill the numerous water tanks that provide water to troughs for wildlife use. ➤ Annually check 6 developed springs and repair any broken water pipes. ➤ Irrigate and reseed the $\frac{3}{4}$ acre and the $\frac{1}{2}$ acre <i>Brassica</i> forage plots to provide green forage during summer, and reseed areas that did not grow. ➤ 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.

PLM AREA LICENSE
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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
CHRISTENSEN RANCH CONT.		<ul style="list-style-type: none"> ➤ Exclude cattle from the ranch; no cattle leases are proposed under the PLM 5-year management plan. ➤ Improve fish habitat in Woodman Creek by continuing to work with California Trout and State Agencies on the Woodman Creek Barrier Removal Project. The project proponents will be provided open access to the PLM property through 2018.
CORNING LAND AND CATTLE COMPANY DEER ZONE B5 TEHAMA 6,200 ACRES	<p>Authorized Harvest: 7 buck deer forked horn or better, 3 antlerless deer, and 150 quail</p> <ul style="list-style-type: none"> • Issue 7 buck deer tags and 3 antlerless deer tags for the period of August 5, 2017 through November 30, 2017. • Issue 150 quail seals for the period of September 1, 2017, through February 28, 2018. 	<ul style="list-style-type: none"> ➤ Retain 8 irrigated forage plots, totaling 20 acres planted in a grain/vetch/forb combination for use by wildlife. ➤ Continue reduced livestock numbers at 150 head and graze only from December 1, 2017 through May 1, 2018. ➤ Develop a 1 acre irrigated forage plot of alfalfa in an area that lacks green forage for use by wildlife. ➤ Maintain 25 acres of canola for wildlife use. ➤ Mechanically treat at least 20 acres of decadent brush to improve wildlife forage.
COTTRELL RANCH DEER ZONE B1 HUMBOLDT 6,500 ACRES	<p>Authorized Harvest: 12 deer of which no more than 10 may be antlerless deer, 1 bull elk, and 1 antlerless elk</p> <ul style="list-style-type: none"> • Issue 12 either-sex deer tags for the period of July 15, 2017 through December 15, 2017. • No antlerless deer shall be harvested before October 1, 2017. • No more than 7 buck deer may be harvested after October 22, 2017. • Buck deer must be forked horn or better. • Issue 1 bull elk tag for the period of August 1, 2017 through December 15, 2017. • Issue 1 antlerless elk tag for the period of October 1, 2017 through December 15, 2017. 	<ul style="list-style-type: none"> ➤ Remove encroaching conifers less than or equal to 4 inches diameter-at-breast-height (DBH) from at least 40 acres of oak woodlands in sections 25, 28, 29, 30, 31, 32, 33, or 36.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
DIAMOND C OUTFITTERS DEER ZONE B1 HUMBOLDT 3,200 ACRES	<p>Authorized Harvest: 17 deer of which no more than 10 may be antlerless deer</p> <ul style="list-style-type: none"> • Issue 17 either-sex deer tags for the period of July 15, 2017 through December 15, 2017. • No antlerless deer shall be harvested before October 1, 2017. • No more than 7 forked horn or better buck deer may be harvested after October 22, 2017. 	<ul style="list-style-type: none"> ➤ Remove encroaching conifers less than or equal to 6 inches diameter-at-breast height from at least 20 acres of oak woodlands in Tracts 1, 3, or 4.
DUNCAN CREEK RANCH DEER ZONE B5 SHASTA 1,366 ACRES	<p>Authorized Harvest: 6 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 8 buck deer tags for the period September 1, 2017 through November 30, 2017. • In no case shall the number of tags issued be used to exceed the authorized harvest. • The number of tag holders actively hunting shall not exceed the number of deer available to harvest. 	<ul style="list-style-type: none"> ➤ Burn at least 50 acres of decadent brush to improve wildlife forage.
EDEN VALLEY RANCH DEER ZONE B1 MENDOCINO 20,879 ACRES	<p>Authorized Harvest: 8 bull elk, 7 antlerless elk, 20 forked horn or better buck deer, and 5 antlerless deer</p> <ul style="list-style-type: none"> • Issue 6 bull elk tags for the period of July 9, 2017 through December 17, 2017. • Issue 7 antlerless elk tags for the period of September 15, 2017 through December 17, 2017. • On or before October 15, 2017, the licensee may request (in writing) up to 2 additional bull elk tags to accomplish the authorized harvest. 	<ul style="list-style-type: none"> ➤ Plant 80 acres of grain in the Valley to improve wildlife forage. ➤ Maintain 23 water sources, including 12 springs by repairing any damaged parts. ➤ 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. ➤ Treat at least 40 acres of yellow star thistle in the main Valley Area with appropriate herbicides. ➤ Exclude livestock from 10,000 acres on the east side of Eden Valley to improve wildlife forage.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
EDEN VALLEY RANCH CONT.	<ul style="list-style-type: none"> • Issue 20 buck deer tags for the period of July 9, 2017 through November 30, 2017. • No more than 7 buck deer may be taken after October 22, 2017. • Issue 5 antlerless deer tags for the period of September 15, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Monitor and maintain the 4 rail-type elk crossings. ➤ Construct at least 4 brush piles in Paradise pasture to provide wildlife cover. ➤ Burn at least 10 acres of non-native weeds to improve wildlife habitat. ➤ 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. ➤ Remove 1 mile of unnecessary fence in Pigtail pasture to reduce the potential for wildlife entanglement. ➤ Irrigate and fertilize 30 acres of triticales in Toni Field on the eastside of the ranch. ➤ Improve irrigation in the 3 acre spring/wildlife area by contouring the field in the southwest part of valley, east of Stage Coach Road.
ELK CREEK RANCH DEER ZONE B1 MENDOCINO 2,241 ACRES	<p>Authorized Harvest: 7 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 7 buck deer tags for the period of July 8, 2017 through November 30, 2017. • No more than 3 buck deer may be taken after October 22, 2017. • On or before October 15, 2017, the licensee may request (in writing) up to 3 additional buck deer tags to accomplish the authorized harvest. • In no case shall the number of tags issued be used to exceed the authorized harvest. • The number of tag holders actively hunting shall not exceed the number of deer available to harvest. 	<ul style="list-style-type: none"> ➤ Exclude livestock grazing from Bennett Valley (15 acres) to improve wildlife forage and cover. ➤ Maintain the livestock exclusion fencing around the ponds in sections 8 and 5. ➤ Maintain spring and water tank to irrigate the southern portion of Bennett Valley. ➤ Mechanically treat at least 20 acres of decadent brush to improve wildlife forage and create 10 brush piles to provide wildlife cover.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
<p>FOUR PINES RANCH</p> <p>DEER ZONE B1</p> <p>MENDOCINO</p> <p>2,001 ACRES</p>	<p>Authorized Harvest: 12 buck deer forked horn or better and 4 antlerless deer</p> <ul style="list-style-type: none"> • Issue 12 buck deer tags and 4 antlerless deer tags for the period of July 16, 2017 through November 30, 2017. • No more than 6 buck deer may be harvested after October 22, 2017. • No antlerless deer shall be harvested before September 15, 2017. 	<ul style="list-style-type: none"> ➤ Maintain 6 previously improved springs and 2 existing ponds. ➤ Develop 1 spring in section 1, 7, 11, 12, or 13. ➤ Plant a ¼ acre forage plot with legumes for wildlife use in section 1, 7, 11, 12, or 13. ➤ Treat ¼ acre of invasive weeds in section 1, 7, 11, 12, or 13, by hand manipulation or herbicides, to allow native vegetation to grow. ➤ Remove 100 feet of interior fence to enhance wildlife passage in section 1, 7, 11, 12, or 13. ➤ Create a ¼ acre opening through dense brush in section 1, 7, 11, 12, or 13 to enhance wildlife access to forage. ➤ Remove encroaching conifer seedlings and saplings in ¼ acre of oak woodlands in section 1, 7, 11, 12, or 13. ➤ Restrict livestock grazing to no more than 50 head of cattle during the winter and spring. ➤ Plant 50 willow shoots at existing water sources; improve existing willow patches by trimming to encourage growth. ➤ Create at least 3 new brush piles annually for wildlife cover.
<p>FULTON RANCH</p> <p>HUMBOLDT</p> <p>2,844 ACRES</p>	<p>Authorized Harvest: 1 bull elk</p> <ul style="list-style-type: none"> • Issue 1 bull elk tag for the period of August 15, 2017 through October 31, 2017. 	<ul style="list-style-type: none"> ➤ All habitat projects have been completed under the Fulton Ranch 5-year management plan (removal of encroaching conifers from oak woodlands). Therefore, no habitat work is required during this license year.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
HUNTER RANCH DEER ZONE B1 HUMBOLDT 16,103 ACRES	<p>Authorized Harvest: 20 deer of which no more than 5 may be antlerless deer and 1 bull elk</p> <ul style="list-style-type: none"> • Issue 20 either-sex deer tags for the period of July 15, 2017 through November 30, 2017. • No antlerless deer shall be harvested before October 1, 2017. • Buck deer must be forked horn or better. • No more than 7 buck deer may be harvested after October 22, 2017. • Issue 1 bull elk tag for the period September 1, 2017 through September 30, 2017. 	<p>➤ All habitat projects have been completed under the Hunter Ranch 5-year management plan (removal of encroaching conifers from oak woodlands). Therefore, no habitat work is required during this license year.</p>
KLAMATH PLM HUMBOLDT 32,594 ACRES	<p>Authorized Harvest: 3 bull elk and 2 antlerless elk</p> <ul style="list-style-type: none"> • Issue 3 bull elk tags for the period of August 15, 2017 through October 31, 2017. • Issue 2 antlerless elk tags for the period of October 1, 2017 through October 31, 2017. 	<p>➤ All habitat projects have been completed under the Klamath PLM 5-year management plan (removal of encroaching conifers from oak woodlands). Therefore, no habitat work is required during this license year.</p>
MILLER-ERIKSEN RANCH DEER ZONE B1 MENDOCINO 1,000 ACRES	<p>Authorized Harvest: 25 deer of which no more than 17 may be forked horn or better buck deer and 8 may be antlerless deer and 1 bull elk</p> <ul style="list-style-type: none"> • Issue 14 either-sex deer tags for the period of July 15, 2017 through November 30, 2017. • Issue 1 bull elk tag for the period of August 1, 2017 through November 30, 2017. • No antlerless deer shall be harvested before September 15, 2017. • No more than 9 buck deer may be harvested after October 22, 2017. 	<p>➤ Maintain 27 water sources to provide additional water for wildlife by replacing floats, rusted and/or cracked pipes, leaking tanks and clogged lines.</p> <p>➤ Hand thin at least ½ acre of understory conifer and decadent browse species in oak woodlands habitat to provide forage for wildlife.</p> <p>➤ Plant 100 pounds of perennial bunch grass seed mix across 4 plots that are approximately 200 square feet in size to provide food and cover for wildlife.</p> <p>➤ Plant 100 pounds of commercial pasture seed mix in glade areas that have been damaged by wild pig rooting.</p> <p>➤ Burn 1 acre of decadent chaparral brush to provide forage for wildlife.</p>

PLM AREA LICENSE
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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
MILLER-ERIKSEN RANCH CONT.	<ul style="list-style-type: none"> On or before November 1, 2017, the licensee may request (in writing) up to 11 additional either-sex tags to accomplish the authorized harvest. The number of deer tag holders actively hunting shall not exceed the number of deer available to harvest. 	<ul style="list-style-type: none"> Maintain 100 brush piles throughout the property to provide wildlife cover. Maintain the reduced number of livestock, not to exceed 25 cow/calf pairs.
POTTER VALLEY WILDLIFE MANAGEMENT AREA MENDOCINO 7,767 ACRES	<p>Authorized Harvest: 6 bull elk and 10 antlerless elk</p> <ul style="list-style-type: none"> Issue 3 bull elk tags for the period of August 1, 2017 through December 1, 2017. Issue 7 antlerless elk tags for the period of September 15, 2017 through December 1, 2017. On or before October 12, 2017, the licensee may request (in writing) up to 3 bull tags and 3 additional antlerless tags to accomplish the authorized harvest. 	<ul style="list-style-type: none"> Irrigate the 5 acre permanent pastures on the Guntly Cold Creek subunit to provide summer forage for wildlife. Maintain the livestock exclusion fence around the 5 acre permanent pasture on the Guntly Cold Creek subunit. Maintain the livestock exclusion fence along 1.4 miles of the Russian River. Maintain the livestock exclusion fence on the 4-acre pond on the Mathews subunit. Continue reduced livestock numbers at 120 cow/calf pairs. Maintain all elk crossings. Maintain 9 springs by checking annually and repairing as necessary. Maintain the bull elk wallow. Maintain the new water system which includes a well, 2,000 gallon storage tank, a pump, a generator, and a 500 gallon water trough to provide water for elk. Fertilize 10 acres of rangeland pasture to increase forage for wildlife. Maintain the 825 acre livestock exclusion on the Guntly Cold Creek Subunit by checking for damaged fencing and repairing as necessary.
R WILD HORSE RANCH DEER ZONE B5 TEHAMA 4,000 ACRES	<p>Authorized Harvest: 4 buck deer forked horn or better</p> <ul style="list-style-type: none"> Issue 4 buck deer tags for the period of November 27, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> Mechanically treat (by crushing) at least 10 acres of decadent brush to promote new growth and create wildlife travel corridors. Plant 10 acres of brush treatment areas with legumes and grasses. Create a ½ acre water catchment basin to provide a water source for wildlife. Build at least 10 brush piles (each 20 feet in diameter) to provide escape cover for wildlife.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
RAINBOW RIDGE PLM DEER ZONE B4 HUMBOLDT 20,321 ACRES	<p>Authorized Harvest: 15 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 15 buck deer tags for the period of August 1, 2017 through November 30, 2017. • No more than 8 buck deer may be harvested after October 1, 2017. 	<p>➤ Remove encroaching conifers less than or equal to 8 inches diameter-at-breast height from at least 20 acres of oak woodlands and prairies.</p>
REDWOOD HOUSE RANCH DEER ZONE B1 HUMBOLDT 8,419 ACRES	<p>Authorized Harvest: 20 buck deer forked horn or better and 1 bull elk</p> <ul style="list-style-type: none"> • Issue 20 buck deer tags for the period of August 12, 2017 through November 30, 2017. • Issue 1 bull elk tag for the period of September 16, 2017 through October 8, 2017. • No more than 7 buck deer may be harvested after October 22, 2017. 	<p>➤ Remove encroaching conifers less than or equal to 6 inches diameter-at-breast height from at least 40 acres of oak woodlands and prairies.</p>
ROBERTS RANCH DEER ZONE X1 MODOC 2,313 ACRES	<p>Authorized Harvest: 2 buck deer forked horn or better and 1 buck pronghorn antelope</p> <ul style="list-style-type: none"> • Issue 2 buck deer tags for the period of October 1, 2017 through November 30, 2017. • No person shall take more than 1 buck deer annually in the X zones. • Issue 1 buck pronghorn antelope tag for the period of August 20, 2017 through September 20, 2017. 	<p>➤ Remove 300 regenerating western junipers (less than 6 inches diameter at breast height) within previous juniper removal areas to create more forage for wildlife.</p> <p>➤ In a separate portion of the ranch, remove all western junipers from at least 3 acres.</p> <p>➤ Maintain all previously developed springs, levees, and ponds by ensuring that recent earthwork (levees, water control structures and pipes) continue to function as designed.</p> <p>➤ Restrict cattle grazing to 50 cow/calf pairs, a level much reduced from what occurred prior to the current ownership.</p>

PLM AREA LICENSE
ANNUAL RENEWALS, 2017/2018
PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
SANHEDRIN RANCH DEER ZONE B1 MENDOCINO 11,595 ACRES	<p>Authorized Harvest: 15 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 15 buck deer tags for the period of July 8, 2017 through November 30, 2017. • No more than 7 buck deer may be taken after October 22, 2017. • On or before October 15, 2017, the licensee may request (in writing) up to 5 additional buck deer tags to accomplish the authorized harvest. • In no case shall the number of tags issued be used to exceed the authorized harvest. • The number of tag holders actively hunting shall not exceed the number of deer available to harvest. 	<ul style="list-style-type: none"> ➤ Exclude all livestock grazing from the PLM area to improve forage and cover for wildlife. ➤ Maintain 5 developed springs. ➤ Improve spring S4 by cleaning and digging out silt to improve water availability. ➤ Mechanically treat 20 acres of brush with a tractor and by hand. ➤ Create at least 10 brush piles for use by wildlife.
SEVEN SPRINGS RANCH DEER ZONE A MENDOCINO 2,250 ACRES	<p>Authorized Harvest: 9 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 9 buck deer tags for the period of July 8, 2017 through November 30, 2017. • No more than 4 buck deer may be harvested after September 24, 2017. 	<ul style="list-style-type: none"> ➤ Exclude livestock grazing from the PLM area to increase habitat quality for wildlife. ➤ Plant 5 pounds of clover and vetch seed on roads and cut banks. ➤ Mechanically treat 1 acre of Douglas-fir saplings encroaching into oak woodlands at Cow Springs.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
SHAMROCK RANCH DEER ZONE B1 MENDOCINO 16,400 ACRES	<p>Authorized Harvest: 8 bull elk, 10 antlerless elk, 50 deer of which no more than 30 may be forked horn or better buck deer and 20 may be antlerless deer</p> <ul style="list-style-type: none"> • Issue 6 bull elk tags for the period of July 12, 2017 through November 30, 2017. • Issue 5 antlerless elk tags for the period of September 15, 2017 through November 30, 2017. • On or before October 15, 2017, the licensee may request (in writing) up to 2 additional bull elk tags to accomplish the authorized harvest. • On or before October 15, 2017, the licensee may request (in writing) up to 5 additional antlerless elk tags to accomplish the authorized harvest. • Issue 35 either-sex deer tags for the period of July 12, 2017 through November 30, 2017. • No antlerless deer shall be harvested before September 15, 2017. • No more than 15 buck deer may be taken after October 22, 2017. • On or before October 15, 2017, the licensee may request (in writing) up to 15 additional either-sex deer tags to accomplish the authorized harvest. 	<ul style="list-style-type: none"> ➤ Construct a ½ acre pit pond in the Meyers livestock enclosure to provide water and riparian habitat for wildlife. Water will be provided to the pond by installing a solar pump on an existing well. ➤ Mechanically treat and/or burn approximately 2 acres of decadent brush in the Farley Peak and/or Meyers Pasture sub-areas to improve wildlife forage. ➤ Fertilize and irrigate 15 acres of hay meadow from mid-July through mid-September to provide forage for wildlife. ➤ Maintain the livestock exclusion fencing along the tributary to Long Valley Creek and the Meyers Pasture sub-pasture area by checking for damage and repairing as necessary. ➤ Inspect and repair the fencing at the 3-acre Horse Hollow spring livestock enclosure. ➤ Repair 1 elk crossing in the Meyers Pasture sub-area. ➤ Limit cattle grazing on approximately 200 acres in the Anderson Pasture sub-area to mid-October through mid-December. ➤ Mechanically hedge 1/8 of an acre of blackberry and/or wild rose brush in the Anderson pasture sub-area to rejuvenate browse for wildlife. ➤ Create 3 new brush piles in the Meyers Pasture sub-area. ➤ Burn 4 mature brush piles in the Meyers Pasture and Anderson Pasture sub-areas to provide ash for deer use. Subsequently seed the burn areas with a legume mix to improve forage for wildlife. ➤ Thin ¼ acre of dense mature tan oak in the Meyers Pasture sub-area to rejuvenate browse and improve acorn production for wildlife. ➤ Remove 660 feet of old woven wire fencing in the Grosscup sub-area to reduce wildlife entanglement.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
SMITH RIVER PLM HUMBOLDT 24,949 ACRES	<p>Authorized Harvest: 3 bull elk and 6 antlerless elk</p> <ul style="list-style-type: none"> • Issue 3 bull elk tags for the period of September 1, 2017 through October 31, 2017. • Issue 6 antlerless elk tags for the period of October 1, 2017 through October 31, 2017. • 5 of the antlerless elk tags will be made available for CDFW to distribute to licensed hunters through the SHARE Program. The SHARE Program will reimburse Smith River PLM for the tag fees, but Smith River PLM will otherwise provide the hunts free of charge. 	<p>➤ All habitat projects have been completed under the Smith River PLM 5-year management plan (enhancing coho salmon habitat on Rowdy Creek). Therefore, no habitat work is required during this license year.</p>
STACKHOUSE RANCH DEER ZONE C3 SHASTA 400 ACRES	<p>Authorized Harvest: 2 deer of which no more than 1 may be antlerless deer</p> <ul style="list-style-type: none"> • Issue 2 either-sex deer tags for the period of September 1, 2017 through November 30, 2017. • No more than 1 buck deer may be harvested after October 22, 2017. • Buck deer must be forked horn or better. • No antlerless deer shall be harvested before September 15, 2017. 	<p>➤ Complete repair of the incised and leaking headwall of the dam at the Lower pond to provide water for wildlife.</p> <p>➤ Re-treat invasive blackberry thickets above and below the Lower Pond with herbicide.</p> <p>➤ Plant at least 1-2 willow and alder stems every 8 feet around the edge of the Barn Pond to provide cover for wildlife.</p> <p>➤ Maintain 7 acres of meadow by removing invasive blackberries to provide forage for wildlife.</p> <p>➤ Enhance 43 acres of conifer habitat by removing non-native understory shrubs from most of the area. At least 3 acres dominated native vegetation will be left intact.</p>

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
<p>STEWART RANCH</p> <p>DEER ZONE B1</p> <p>TRINITY</p> <p>11,006 ACRES</p>	<p>Authorized Harvest: 36 buck deer forked horn or better and 5 antlerless deer</p> <ul style="list-style-type: none"> • Issue 36 buck deer tags for the period of August 1, 2017 through November 30, 2017. Of those tags, 10 shall be provided to apprentice hunters. • Issue 5 antlerless deer tags for the period of September 15, 2017 through November 30, 2017. • No more than 18 buck deer may be harvested after October 22, 2017. • On or before October 15, 2017, the licensee may request (in writing) up to 5 additional buck tags to accomplish the authorized harvest. • In no case shall the number of tags issued be used to exceed the authorized harvest. • The number of tag holders actively hunting shall not exceed the number of deer available to harvest. 	<ul style="list-style-type: none"> ➤ Remove encroaching conifers less than or equal to 6 inches diameter-at-breast height from at least 20 acres of oak woodland. ➤ Replant 4 irrigated food plots (10 acres total) with clover, chicory, and brassica to provide forage for wildlife. ➤ Replant 31 acres of dry land forage plots in grain and forbs to provide forage for wildlife. ➤ Maintain electric livestock exclusion fencing around all fenced food plots. ➤ Install 1 wood duck nest box along Kekawaka Creek. ➤ Check use and replace nesting material in 15 wood duck nest boxes. ➤ Maintain 8 water sources (ponds and springs) with cattle exclusion fencing by inspecting and repairing any damaged parts. ➤ Plant 25 willow or alder stems around 8 water sources if needed to regenerate riparian cover for wildlife. ➤ Maintain ½ mile of livestock exclusion fencing along Kekawaka Creek to improve riparian vegetation by inspecting and repairing any damaged parts.
<p>SUMMER CAMP RANCH</p> <p>DEER ZONE B1</p> <p>MENDOCINO</p> <p>38,502 ACRES</p>	<p>Authorized Harvest: 80 buck deer forked horn or better and 1 bull elk</p> <ul style="list-style-type: none"> • Issue 80 buck deer tags for the period of July 8, 2017 through November 30, 2017. • Issue 1 bull elk tag for the period of July 8, 2017 through November 30, 2017. • No more than 40 buck deer may be taken after October 22, 2017. • On or before October 15, 2017, the licensee may request (in writing) up to 20 additional buck deer tags and 1 additional bull elk tag to accomplish the authorized harvest. 	<ul style="list-style-type: none"> ➤ Maintain 3 irrigated wildlife forage areas, totaling 12 acres. ➤ Develop 1 spring by cleaning out and installing an off-site water trough. ➤ Exclude livestock from a 300 square foot area around 1 spring by installing wildlife-friendly fencing. ➤ Maintain 2 riparian exclusion areas totaling ¾ acre by repairing any damaged fencing and planting willows inside the 2 enclosures. ➤ Maintain 13 developed springs by checking and repairing any damage. ➤ Exclude livestock grazing from mid-June through October.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
SUMMER CAMP RANCH CONT.	<ul style="list-style-type: none"> In no case shall the number of tags issued be used to exceed the authorized harvest. The number of deer tag holders actively hunting shall not exceed the number of deer available to harvest. 	<ul style="list-style-type: none"> ➤ Remove encroaching conifers less than or equal to 6 inches diameter-at-breast height from at least 10 acres of oak woodlands. ➤ Construct a minimum of 20 brush piles within oak woodland habitat. ➤ Maintain approximately 7 miles of riparian fencing on the Eel River and repair any damage. ➤ 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. ➤ Burn 10 acres of grasslands to rejuvenate vegetation.
TRAVIS RANCH DEER ZONE B1 TRINITY 11,907 ACRES	<p>Authorized Harvest: 15 deer of which no more than 5 may be antlerless deer</p> <ul style="list-style-type: none"> Issue 15 either-sex deer tags for the period of July 15, 2017 through November 30, 2017. Buck deer must be forked horn or better. No antlerless deer shall be harvested before September 15, 2017. No more than 7 buck deer may be harvested after October 22, 2017. 	<ul style="list-style-type: none"> ➤ Remove encroaching conifers less than or equal to 12 inches diameter-at-breast height from at least 20 acres of oak woodland in Areas I and G. ➤ Improve a spring in Area H by installing wildlife friendly fence around the natural spring area to keep livestock in order to provide water and riparian habitat for wildlife. ➤ Treat at least 70 acres of yellow star thistle with herbicide and biological controls in Areas J and F.
WIGGINS RANCH HUMBOLDT 16,657 ACRES	<p>Authorized Harvest: 2 bull elk and 2 antlerless elk</p> <ul style="list-style-type: none"> Issue 2 bull elk tags for the period of August 15, 2017 through October 31, 2017. Issue 2 antlerless elk tags for the period of October 1, 2017 through November 14, 2017. 	<ul style="list-style-type: none"> ➤ All habitat projects have been completed under the PLM 5-year management plan (removal of encroaching conifers from oak woodlands). Therefore, no habitat work is required during this license year.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
WIGGINS RANCH CONT.	<ul style="list-style-type: none"> 1 of the antlerless elk tags will be made available for CDFW to distribute to an Apprentice Hunter through the SHARE Program. The SHARE Program will reimburse Wiggins Ranch for the tag fee, but the Wiggins Ranch will otherwise provide the hunt free of charge. 	
BAY DELTA REGION		
BUCKEYE RANCH DEER ZONE A SOLANO 3,000+ ACRES	<p>Authorized Harvest: 12 bucks and 4 antlerless deer tags</p> <ul style="list-style-type: none"> Issue 12 buck deer tags to take forked horn or better bucks for the period of the July 8, 2017 to November 30, 2017. No more than 4 buck may be taken after the close of A Zone deer rifle hunt. Issue 4 antlerless deer tags for the period of the July 8, 2017 in July to November 30, 2017. 	<ul style="list-style-type: none"> ➤ Install 3 wildlife guzzler. ➤ Inspect and maintain on-site wildlife water sites 2 times per year. ➤ High-blade 3 to 4 acres of chamise-chaparral before July 15, 2017. ➤ Construct 3 piles of chamise-chaparral or other woody vegetation for bird nesting habitat. Piles should measure at least 15' x 15' wide x 4' tall. ➤ Disk and plant 4 one-acre wildlife habitat plots. The planting mix should contain a mixture of forbs such as clover. NOTE: safflower requires reliable water throughout the growing season; consider drought tolerant alfalfa.
COON CREEK RANCH DEER ZONE A SANTA CLARA 1,650 ACRES	<p>Authorized Harvest: 8 buck deer</p> <ul style="list-style-type: none"> Issue 8 buck deer tags to take forked horn or better bucks for the period of July 11, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Brush approximately 30 new acres of chaparral. ➤ Plant seed/cover crops on small areas for quail and other wildlife. ➤ Develop one spring. ➤ Limit cattle grazing to 80 acres of ranch. ➤ Conduct morning deer surveys on property in October.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
PACHECO RANCH DEER ZONE A SANTA CLARA 673+ ACRES	<p>Authorized Harvest: 4 buck deer</p> <ul style="list-style-type: none"> • Issue 4 buck deer tags to take forked horn or better bucks for the period of the July 8, 2017 to November 30, 2017. 	<ul style="list-style-type: none"> ➤ Mechanical removal (0.5 acre minimum) and hand pruning (0.5 acre minimum) of decadent chamise. Broadcast native seed in cleared area. ➤ Enclose at least 25 blue oak seedlings with no-climb horse fencing. ➤ Collect and plant at least 100 blue oak acorns in open grassy area placing 3 acorns per hole. ➤ Remove approximately 1,000 yards of bottom wire from internal barb wire fencing. Completely remove fence where appropriate. ➤ Plant native willows, maple and/or other riparian vegetation at waterworks spring location.
CENTRAL REGION		
ALEXANDER RANCH DEER ZONE A MONTEREY 786 ACRES	<p>Authorized Harvest: 1 bull elk, 2 antlerless elk and 1 forked horn or better buck deer</p> <ul style="list-style-type: none"> • Issue 1 bull elk tag for the period of July 2, 2017 through December 31, 2017. • Issue 2 antlerless elk tags for the period of August 15, 2017 through December 31, 2017. • Issue 1 buck deer tag to take a forked horn or better buck deer for the period July 2, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Maintain existing springs, troughs and reservoirs to provide water for wildlife. ➤ Limit cattle stocking rate to 75 animals to enhance and provide habitat and feed for wildlife. ➤ Create 5 brush piles for use by wildlife. ➤ Plant 5 acres to benefit wildlife forage (elk and deer). ➤ Conduct 2 elk counts per year (count deer when possible too).

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
<p>CAMP 5 OUTFITTERS - ROTH RANCH PLM</p> <p>DEER ZONE A</p> <p>MONTEREY/SAN LUIS OBISPO</p> <p>5,400 ACRE</p>	<p>Authorized Harvest: 2 bull elk, 1 antlerless elk, 6 buck deer (forked horn or better) and 3 antlerless deer</p> <ul style="list-style-type: none"> • Issue 2 bull elk tags for the period of July 2, 2017 through December 31, 2017. • Issue 1 antlerless elk tag for the period of August 15, 2017 through December 31, 2017. • Issue 6 buck deer tags for the period of July 2, 2017 through November 30, 2017. • Issue 3 antlerless deer tags for the period of July 2, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Clear 5 acres of old growth brush to stimulate growth of new forage for wildlife. ➤ Re-seed 5 acre cleared area with appropriate range mix. ➤ Install second solar pump and tank system. ➤ Maintain and improve water system. ➤ Build 3-5, 100 square foot brush piles to provide cover for wildlife. ➤ No grazing allowed in the 40 acre riparian area. ➤ Plant 70 acres of barley or other suitable cover crop for wildlife use. ➤ No grazing on the Fowler or Roth ranches. ➤ Install 1 elk crossing in the Roth ranch fence line or where best utilized on the other ranches to facilitate elk movement between properties.
<p>CHIMNEY ROCK RANCH</p> <p>DEER ZONE A</p> <p>SAN LUIS OBISPO</p> <p>6,500 ACRES</p>	<p>Authorized Harvest: 3 bull elk, 10 forked horn or better buck deer annually</p> <ul style="list-style-type: none"> • Issue 3 bull elk tags for the period July 1, 2017 through December 31, 2017. • 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 archery season 2017 through November 30, 2017. At the request of the licensee on or before October 26, 2017, the licensee may request (in writing) up to an additional 4 deer tags to accomplish the authorized harvest. 	<ul style="list-style-type: none"> ➤ Continue with the solar pump project in the "Triangle" pasture to provide water for wildlife. ➤ Defer cattle from the "Lake" pasture from mid-spring through mid-summer to allow cover for ground nesting birds to grow out and in turn enhance forage for wildlife. ➤ Maintain existing water sources to provide water for wildlife. ➤ Construct 10 brush piles for use as cover for wildlife. ➤ Place water tank at Bald Mountain and install solar to existing well.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
<p>CLARK AND WHITE RANCHES</p> <p>SAN LUIS OBISPO</p> <p>5,660 ACRES</p>	<p>Authorized Harvest: 2 bull elk and 2 antlerless elk</p> <ul style="list-style-type: none"> • Issue 1 bull elk tag for the period of July 15, 2017 through December 15, 2017. • Issue 1 antlerless elk tag for the period of August 15, 2017 through December 15, 2017. <p>Note: Clark and White Ranches are not requesting the full approved allocation (“authorized harvest”) of tags because no tag increases are being allowed until the new state elk management plan is approved.</p>	<ul style="list-style-type: none"> ➤ Plant 1,000 acres of barley for use by elk and other wildlife. ➤ Repair 1 dam to increase standing water and enhance riparian/marsh habitats. ➤ Plant 100 willow stalks around dam to enhance riparian habitat for use by wildlife.
<p>D- RAFTER- “L” RANCH, LLC</p> <p>SAN LUIS OBISPO</p> <p>3,156 ACRES</p>	<p>Authorized Harvest: 1 bull elk and 1 antlerless elk. (An additional bull elk may be added in years 3-5 provided the ranch completes its work and the herd data support the increase). The current herd estimates do not support raising the tag quota nor are any increases being allowed in the state right now.</p> <ul style="list-style-type: none"> • Issue 1 bull elk tag for the period July 1, 2017 through December 31, 2017. • Issue 1 antlerless elk tag for the period August 15, 2017 through December 31, 2017. 	<ul style="list-style-type: none"> ➤ Maintain brush piles 1-4 by adding new brush to enhance cover for wildlife. Create brush piles #5 and #6 for bird and small animal cover. ➤ Plant 10 acres of barley or other forage mix to enhance cover and forage for wildlife. ➤ Install 2 wood duck boxes at each of the 8 ponds on the ranch.
<p>DEFRANCESCO/ EATON RANCH</p> <p>A DEER ZONE</p> <p>MERCED COUNTY</p> <p>4,149 ACRES</p>	<p>Authorized Harvest: 10 buck deer tags; 2 bull elk tags; 1 antlerless elk tag</p> <ul style="list-style-type: none"> • Issue 10 buck deer tags for the period of July 8, 2017 through November 30, 2017. • Issue 2 bull elk tags for the period July 8, 2017 through November 30, 2017. • Issue 1 antlerless elk tag for the period of September 16, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Eliminate cattle grazing on APNs 087-070-011 and 087-070-013 between May 15 and December 15, 2017. ➤ Maintain water troughs at Main Spring, Deer Camp, Laurel Spring, and Hay Barn for wildlife. ➤ Remove juniper trees in the Dry Lake area.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
<p>GABILAN RANCH</p> <p>MONTEREY</p> <p>10,000 ACRES</p>	<p>Authorized Harvest: 3 bull elk and 1 antlerless elk</p> <ul style="list-style-type: none"> Issue 1 bull elk tag for the period of July 1, 2017 through December 31, 2017. <p>Note: Gabilan Ranch is <u>not</u> requesting the full approved allocation (“authorized harvest”) of tags.</p>	<ul style="list-style-type: none"> ➤ Burn 200 acres of chaparral and woodland with heavy brush undergrowth to stimulate new forage growth. ➤ Construct 10 brush piles for use by wildlife. ➤ Remove cattle in May to conserve feed and reduce competition for wildlife. ➤ Continue an erosion control program to reduce sedimentation in the area creeks. ➤ Treat 1/4 acre of purple star thistle to enhance and maintain habitats for wildlife. ➤ Let the “gathering pasture” (250 acres) near the house grow up between March 1st-April 30th for cover for early ground nesting birds. ➤ Continue the reduced stocking rate of 625 animals which is 375 head less than normal. ➤ Follow Smoke Management Plan with CDF and Monterey Air Quality Control Board in order to improve burn scheduling flexibility.
<p>HARTNELL RANCH</p> <p>DEER ZONE A</p> <p>MONTEREY</p> <p>4,600 ACRES</p>	<p>Authorized Harvest: 1 bull elk, 2 antlerless elk and 2 forked horn or better buck deer</p> <ul style="list-style-type: none"> Issue 1 bull elk tag for the period of July 2, 2017 through December 31, 2017. Issue 2 antlerless elk tags for the period August 15, 2017 through December 31, 2017. Issue 2 buck deer tags to take forked horn or better buck deer for the period of July 2, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Plant 10 acres to benefit wildlife forage (elk and deer). ➤ Maintain existing springs, troughs and reservoirs to provide water for wildlife. ➤ Create 8 brush piles for use by wildlife. ➤ Limit cattle stocking rate to 250 animals to enhance and maintain habitats for wildlife. ➤ Conduct 3 counts during the year for elk and deer.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
<p>INDIAN VALLEY CATTLE COMPANY (LOMBARDO RANCH)</p> <p>MONTEREY</p> <p>12,500 ACRES</p>	<p>Authorized Harvest: 3 bull elk, 2 antlerless elk and 4 forked horn or better buck deer</p> <ul style="list-style-type: none"> • Issue 3 bull elk tags for the period of July 15, 2017 through December 31, 2017. • Issue 2 antlerless elk tags for the period of August 15, 2017 through December 31, 2017. • Issue 4 buck deer tags to take forked horn or better bucks for the period of July 2, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Construct 6 brush piles for use by wildlife. ➤ Maintain a lower cattle stocking rate of 300 animals on 12,500 acres to share high quality habitats with wildlife. ➤ Plant 350 acres of barley for use by wildlife. ➤ Employ a rotational grazing regime to maintain high quality habitats for wildlife. ➤ Maintain 16 ground level water access points. ➤ Provide 300 acres of ungrazed area in Big Sandy creek to maintain high quality habitats for wildlife. ➤ Install 3,500 feet of water line from existing well to feed into livestock and wildlife water system.
<p>LONE RANCH</p> <p>DEER ZONE A</p> <p>SAN BENITO</p> <p>12,500 ACRES</p>	<p>Authorized Harvest: 3 bull elk, 2 antlerless elk and 4 forked horn or better buck deer</p> <ul style="list-style-type: none"> • Issue 3 bull elk tags for the period of August 1, 2017 through December 31, 2017. • Issue 2 antlerless elk tags for the period of August 15, 2017 through December 31, 2017. • Issue 4 buck deer tags to take forked horn or better bucks for the period of August 1, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Clean and repair spring box in McCoy canyon to provide water for wildlife. ➤ Continue to rest entire ranch pastures. ➤ Replace old leaking steel water tank at Oat springs with new poly tank to reduce water waste. ➤ Spray Transline to control yellow star thistle (50 acres) and promote forage plants.
<p>MORISOLI RANCH</p> <p>MONTEREY AND SAN BENITO COUNTIES</p> <p>14,700 ACRES</p>	<p>Authorized Harvest: 4 bull elk and 4 antlerless elk</p> <ul style="list-style-type: none"> • Issue 3 bull elk tags for the period of July 2, 2017 through December 31, 2017. • Issue 3 antlerless elk tags for the period August 15, 2017 through December 31, 2017. <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 a new elk management plan for the state.</p>	<ul style="list-style-type: none"> ➤ Build 1 elk crossing. ➤ Construct 5 brush piles for use by wildlife. ➤ Develop 1 new water source for wildlife. ➤ Build and install 1 bird nest box. ➤ Plant 10 acres of forage mix for use by wildlife. ➤ Clear 5 acres of old growth brush to stimulate new forage growth for use by wildlife. ➤ Seed cleared areas with barley/vetch mixture to provide additional forage for wildlife.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
PEACHTREE RANCH MONTEREY 13,000 ACRES	<p>Authorized Harvest: 4 bull elk and 2 antlerless elk</p> <ul style="list-style-type: none"> • Issue 4 bull elk tags for the period of July 15, 2017 through December 31, 2017. • Issue 2 antlerless elk tags for the period of August 15, 2017 through December 31, 2017. 	<ul style="list-style-type: none"> ➤ Build 1 elk crossing to facilitate elk movement through the PLM. ➤ Spray strips with Round-up around ground level water sources in late spring to promote the regrowth on turkey mullein and dove weed to provide feed for dove, quail, and other small birds. ➤ Install 1 ground level water source for quail and other small animals. ➤ Take 10 to 12 detailed counts of the elk on the property. ➤ Build and install 6 bird nesting boxes. ➤ Monitor and report the height of the vegetation by pasture after the steers have been shipped. ➤ Install 8 escape ladders in water troughs.
RANCHO LA CUESTA DEER ZONE A SAN BENITO 4,000 ACRES	<p>Authorized Harvest: 3 bull elk, 1 antlerless elk and 4 forked horn or better buck deer</p> <ul style="list-style-type: none"> • Issue 4 bull elk tags (to take no more than 3 bull elk) for the period of July 15, 2017 through December 31, 2017. • Issue 2 buck deer tags to take forked horn or better bucks for the period of July 15, 2017 through November 30, 2017. <p>Note: Rancho La Cuesta is not requesting antlerless elk tags this year, nor are they requesting all their authorized deer tags.</p>	<ul style="list-style-type: none"> ➤ Plant 5 acres of grasses and legumes to provide high quality food for elk and deer. ➤ Clean out and maintain water points on the ranch to provide water for wildlife. ➤ Maintain a 2,530 acre cattle-free refuge on the upper portion of the ranch for exclusive use by wildlife. ➤ Burn or mechanically manipulate 5 acres of decadent chaparral to stimulate growth of quality browse for wildlife. ➤ Build 5 brush piles for use by wildlife.
ROOSTERCOMB RANCH STANISLAUS COUNTY 4,862 ACRES	<p>Authorized Harvest: 2 buck deer tags; 1 bull elk tag</p> <ul style="list-style-type: none"> • Issue 2 buck deer tags for the period of August 12, 2017 through November 26, 2017. • Issue 1 bull elk tag for the period of September 9, 2017 through December 31, 2017. 	<ul style="list-style-type: none"> ➤ Clear up to 20 acres of decadent brush in all areas. ➤ Reseed Areas C & D with wild rye or grains. ➤ Plant 30-40 acres with wild rye or vetch/forage mixes in Areas A & B. ➤ Maintain all water sources. ➤ Maintain fences and elk crossings. ➤ Create brush piles to enhance habitat for upland game.

PLM AREA LICENSE
ANNUAL RENEWALS, 2017/2018
PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
<p>WORK RANCH</p> <p>DEER ZONE A</p> <p>MONTEREY</p> <p>19,500 ACRES</p>	<p>Authorized Harvest: 1 bull elk, 4 antlerless elk, 6 buck deer (forked horn or better), and 2 antlerless deer</p> <ul style="list-style-type: none"> • Issue 1 bull elk tag for the period of July 2, 2017 through December 31, 2017. • Issue 4 buck deer tags and 4 either sex deer tags to take no more than 6 forked horn or better bucks and 2 antlerless deer for the period of July 2, 2017 through November 30, 2017. <p>Note: Work Ranch is <u>not</u> requesting to use their antlerless tag allocation.</p>	<ul style="list-style-type: none"> ➤ Continue to practice holistic range management to maintain high quality habitats for wildlife. ➤ Plant 300 acres of barley or appropriate forage crop for wildlife. ➤ Maintain all existing water points for use by wildlife. ➤ Maintain existing Conservation Reserve Program contracts to maintain high quality habitats for wildlife. ➤ Rehabilitate 1 upland bird guzzler. ➤ Construct 10 brush piles to provide cover for wildlife.
INLAND DESERTS REGION		
<p>BIG MORONGO SPRINGS RANCH</p> <p>DEER ZONE D14</p> <p>SAN BERNARDINO</p> <p>6,632 ACRES</p>	<p>Authorized Harvest: 10 buck deer, 2 antlerless deer, and 7 black bear</p> <ul style="list-style-type: none"> • Issue 10 buck deer tags to take forked horn or better bucks and 2 antlerless deer tags to take antlerless deer for the period of September 9, 2017 through December 3, 2017. • Issue 7 tags to take black bear for the period of September 9, 2017 through December 31, 2017 or when the statewide quota of 1,700 is met. 	<ul style="list-style-type: none"> ➤ Continue non-use by livestock. ➤ Repair or replace all pipelines and tanks damaged by Sawtooth wildfire. ➤ Repair fire-damaged roads within PLM. ➤ Continue monitoring of water sources with trail cameras.

Approve annual PLM plans and 2017-2018 licenses for: (Pursuant to Section 601, Title 14, CCR)

- (A) 3D Ranch (Tehama County)
- (B) Alexander Ranch (Monterey County)
- (C) Alexandre Ecodairy Farms PLM (Del Norte County)
- (D) Amann Ranch (Mendocino County)
- (E) Bell Ranch (Tehama County)
- (F) Big Lagoon PLM (Humboldt County)
- (G) Big Morongo Springs Ranch (San Bernardino County)
- (H) Buckeye Ranch (Solano County)
- (I) Camp 5 Outfitters – Roth Ranch PLM
(Monterey and San Luis Obispo Counties)
- (J) Carley Ranch (Mendocino County)
- (K) Chimney Rock Ranch (San Luis Obispo County)
- (L) Christensen Ranch (Mendocino County)
- (M) Clark and White Ranches (San Luis Obispo County)
- (N) Coon Creek Ranch (Santa Clara County)
- (O) Corning Land and Cattle Company (Tehama County)
- (P) Cottrell Ranch (Humboldt County)
- (Q) DeFrancesco Eaton Ranch (Merced County)
- (R) Diamond C Outfitters (Humboldt County)
- (S) D-Rafter-“L” Ranch, LLC (San Luis Obispo County)
- (T) Duncan Creek Ranch (Shasta County)
- (U) Eden Valley Ranch (Mendocino County)
- (V) Elk Creek Ranch (Mendocino County)
- (W) Four Pines Ranch (Mendocino County)
- (X) Fulton Ranch (Humboldt County)
- (Y) Gabilan Ranch (Monterey County)
- (Z) Hartnell Ranch (Monterey County)
- (AA) Hunter Ranch (Humboldt County)
- (BB) Indian Valley Cattle Company (Lombardo Ranch) (Monterey County)
- (CC) Klamath PLM (Humboldt County)
- (DD) Lone Ranch (San Benito County)
- (EE) Miller-Eriksen Ranch (Mendocino County)
- (FF) Morisoli Ranch (Monterey and San Benito counties)
- (GG) Pacheco Ranch (Santa Clara County)
- (HH) Peachtree Ranch (Monterey County)
- (II) Potter Valley Wildlife Management Area (Mendocino County)
- (JJ) R Wild Horse Ranch (Tehama County)
- (KK) Rainbow Ridge PLM (Humboldt County)
- (LL) Rancho La Cuesta (San Benito County)
- (MM) Redwood House Ranch (Humboldt County)
- (NN) Roberts Ranch (Modoc County)
- (OO) Roostercomb Ranch (Stanislaus County)

(PP) Sanhedrin Ranch (Mendocino County)
(QQ) Seven Springs Ranch (Mendocino County)
(RR) Shamrock Ranch (Mendocino County)
(SS) Smith River PLM (Humboldt County)
(TT) Stackhouse Ranch (Shasta County)
(UU) Stewart Ranch (Trinity County)
(VV) Summer Camp Ranch (Mendocino County)
(WW) Travis Ranch (Trinity County)
(XX) Wiggins Ranch (Humboldt County)
(YY) Work Ranch (Monterey County)