

STAFF SUMMARY FOR JUNE 21-22, 2017

6. ANNUAL PLM HARVEST PROGRAMS (CONSENT)**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 45 properties.

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

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; 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.

These areas have previously been licensed under Commission regulations in Section 601, Title 14, CCR; full payment was made for all tags used in 2016 and all habitat work was completed (Exhibit 1).

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

FGC staff: Approve annual seasons, harvests, and habitat improvements for 45 PLM properties as recommended by DFW, under a motion to adopt the consent calendar.

DFW: Approve annual seasons, harvests, and habitat improvements for 45 properties, under the conditions specified in Exhibit 2.

Exhibits

1. [DFW memo, received May 22, 2017](#)
2. [PLM proposed annual details](#)
3. [Alphabetical listing of 45 properties](#)

Motion/Direction

Moved by _____ and seconded by _____ that the Commission adopts the consent calendar, items 3-7.

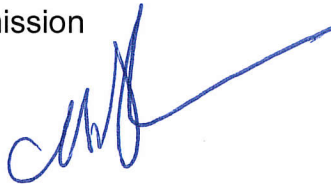
State of California
Department of Fish and Wildlife

Memorandum

Date: May ¹⁸ 4, 2017

To: Valerie Termini
Executive Director
Fish and Game Commission

From: Charlton H. Bonham
Director



Subject: **Agenda Item for the June 21-22, 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 renewals, 5-year renewals and an Initial Management Plan for 53 properties in 15 counties consisting of approximately 652,304 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. Public notices were published in local newspapers, and certified letters were mailed to adjacent landowners with notification of each Initial applicant's intent to enter into the program. No letters of concern were received by the Department.

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.

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Valerie Termini, Executive Director
Fish and Game Commission
May 4, 2017
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If you have any questions, please contact Ms. Victoria Barr at (916) 445-4034 or by email at victoria.barr@wildlife.ca.gov.

Attachment

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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		
ACKERMAN-SOUTH DAUGHERTY WMA DEER ZONE A MENDOCINO 10,831 ACRES	<p>Authorized Harvest: 16 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 16 buck deer tags for the period of July 8, 2017 through November 30, 2017. • No more than 10 buck deer may be harvested after September 24, 2017. 	<ul style="list-style-type: none"> ➤ Remove encroaching Douglas-fir (up to 16-in. DBH) by chainsaw or hand tools from 10 acres of grassy openings near Bark Dump. ➤ Enhance access and depth to an additional water source inside 8.0-Mile Gate by mechanically removing vegetation and developing a gradual ramp. ➤ Remove additional 0.25 miles of hog wire fencing near 8.0-Mile Access to facilitate fawn movement. ➤ Burn vegetation and/or rip topsoil on 15-acre grassland at Bark Dump. As a secondary step, sow native forbs (<i>Eriogonum</i> spp., <i>Hosackia</i> spp., <i>Achillea</i> spp., <i>Potentilla</i> spp.) in 3 5x5-m test plots and compare to 3 unseeded control plots to determine which method is best for creating forage for deer.
BASIN VIEW RANCH DEER ZONE X2 MODOC 8,500 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 October 1, 2017 through November 26, 2017. • No person shall take more than 1 buck deer annually in the X zones. 	<ul style="list-style-type: none"> ➤ Remove all western junipers from 100 acres in Unit 7 in order to encourage shrub and forb recruitment. ➤ Remove (by hand) all western junipers from 70 acres in Unit 6. ➤ Inspect and, as necessary, repair 10 miles of interior fencing that controls livestock movement and grazing. ➤ Exclude livestock grazing from 1 of the rotation management units (775 acres) year-round. ➤ Till and seed annual grain on 150 acres in Unit 7 for weed control, with the eventual goal of establishing permanent range grasses.
BIG BLUFF RANCH DEER ZONE B5 TEHAMA 3,736 ACRES	<p>Authorized Harvest: 8 deer of which no more than 5 may be forked horn or better buck deer and 3 may be antlerless deer</p> <ul style="list-style-type: none"> • Issue 8 either-sex deer tags for the period of August 15, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Maintain and improve the Red Bank Restoration Project improvements (native vegetation restoration of 30 acres along 3 miles of creek) by repairing any damage to the livestock control fencing and irrigating until plants are fully established.

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

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
BIG BLUFF RANCH CONT.	<ul style="list-style-type: none"> No antlerless deer shall be harvested before September 15, 2017. 	<ul style="list-style-type: none"> ➤ Maintain the water development at Miller Place as needed to provide water for wildlife by repairing any damage to the system. ➤ Maintain the wildlife-friendly fence below Sunflower Dam to exclude livestock and allow wildlife access to wetlands. ➤ Fill a 500-gallon water trough and 3,000-gallon storage tank as needed to provide water for livestock and wildlife away from riparian areas. ➤ Participate in the Sunflower Coordinated Resource Management Program which is working, in part, to improve wildlife habitat on the surrounding 40,000 acres. ➤ Continue to participate in the CAL FIRE Vegetation Management Program to manage mixed chaparral fuels, enhance wildlife habitat, and reduce exotic weeds.
BLACK RANCH SHASTA DEER ZONE C3 1,000 ACRES	<p>Authorized Harvest: 2 buck deer forked horn or better, 2 antlerless deer, 1 bull elk, and 1 antlerless elk</p> <ul style="list-style-type: none"> Issue 2 buck deer tags and 2 antlerless deer tags for the period of November 1, 2017 through November 30, 2017. Issue 1 bull elk tag and 1 antlerless elk tag for the period of November 1, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Maintain the 145-acre wetlands project that was constructed last year to re-establish the native hydrology of the floodplain to Burney Creek. ➤ Install wildlife-friendly fencing around the 145-acre restoration area. ➤ Maintain 30 wood duck nest boxes, 4 owl boxes, 7 bat boxes, and 6 goose nesting platforms by checking use and replacing nesting material as necessary. ➤ Remove 1,300 ft. of internal barbed wire fencing running north-south to reduce wildlife entanglement. ➤ Limit livestock grazing to a 5-acre pen and barn area (exclusion area is 995 acres).
CAPISTRAN RANCH DEER ZONE B1 MENDOCINO 13,200 ACRES	<p>Authorized Harvest: 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"> 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. 	<ul style="list-style-type: none"> ➤ Continue the reduced amount of livestock grazing (no more than 200 cow/calf pairs on 13,200 acres) for the period of October 15, 2016 through June 20, 2017 to increase residual vegetation for wildlife, reduce competition, and where necessary, manage invasive plants by focused high-intensity, short-term grazing.

PLM AREA LICENSE
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PROPOSED SEASONS, HARVESTS, AND HABITAT IMPROVEMENTS

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
CAPISTRAN RANCH CONT.	<ul style="list-style-type: none"> • No more than 10 buck deer may be harvested after October 22, 2017. • On or before October 15, 2017, the licensee may request (in writing) up to 10 additional either-sex tags to accomplish the authorized harvest. • Issue 2 bull elk tags for the period of August 1, 2017 through December 1, 2017. • Issue 2 antlerless elk tags for the period of September 15, 2017 through December 1, 2017. 	<ul style="list-style-type: none"> ➤ Maintain 10 springs by checking the flow and wildlife escape ramps and repairing any damaged parts. ➤ Exclude trespass livestock from USFS and BLM grazing allotments by inspecting and repairing the boundary fence. ➤ Replace the nesting material in 3 bluebird nest boxes. Boxes will be relocated if not used the previous season. ➤ Maintain 3 wood duck nest boxes. ➤ Construct a brush pile for wildlife cover and oak seedling protection. The 20 x 5-ft. pile will be created using slash from down trees and brush, and will be located near a routinely-used water source. ➤ Maintain and monitor 3 approximately 1,000-sq. ft. 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. ➤ Using a tractor, create a 6 ft. wide and 300-ft. long trail through decadent chaparral to provide access and new palatable forage for wildlife.
CLARKS VALLEY RANCH DEER ZONE X3B LASSEN 2,793 ACRES	<p>Authorized Harvest: 1 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 3 buck deer tags for the period of September 23, 2017 through November 19, 2017. • No person shall take more than 1 buck deer annually in the X zones. 	<ul style="list-style-type: none"> ➤ Remove western juniper from 40 acres in Sections 27 or 23 in Clarks Valley. ➤ Maintain previously-developed springs by checking for broken pipes and repairing as necessary. ➤ Maintain 3 aspen and willow enclosures by inspecting fencing and making any necessary repairs. ➤ Continue rotational grazing by resting a different pasture each spring to protect critical wildlife habitat areas and aspen. ➤ Remove western juniper from 2 acres within the aspen and willow enclosures to encourage aspen and willow growth.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
CLOVER CREEK RANCH DEER ZONE C3 SHASTA 880 ACRES	<p>Authorized Harvest: 3 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 3 buck deer tags for the period of August 1, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Replace the bottom strand of barbed wire with smooth wire 18 in. from the ground on at least 1 mile of fencing. ➤ Enhance a spring by removing encroaching blackberries. ➤ Develop an irrigated forage plot and wildlife-friendly water trough by installing 600 ft. of pipe from the spring going to a 2,500-gallon water tank. ➤ Build and install 6 wood duck boxes on Clover Creek. ➤ Develop 1 pond in an area of the ranch that does not currently have water to encourage less cattle use of riparian areas. ➤ Plant a 1-acre fenced-in dry land food plot with grain or legumes, using 70 lbs. of seed per acre, or alfalfa using 15-25 lbs. of seed per acre. ➤ Reduce erosion and control sediment by creating water bars on graded dirt roads ➤ Manage grazing intensity to retain 400 lbs. of residual dry matter per acre. ➤ Begin spring grazing after grass height reaches at least 8 inches to provide forage for wildlife. ➤ Reduce cattle grazing by 30 cows/calves from previous year and allow grazing only from December 1 to May 1.
DIXIE VALLEY RANCH DEER ZONE X3A LASSEN 12,500 ACRES	<p>Authorized Harvest: 4 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 4 buck deer tags to take forked horn or better buck deer for the period of August 1, 2017 through November 30, 2017. • No more than 3 buck deer may be harvested after October 22, 2017. • No person shall take more than 1 buck deer annually in the X zones. 	<ul style="list-style-type: none"> ➤ Remove all western juniper from 100 acres (goal is 1000 junipers/yr.) to increase shrub recruitment for wildlife forage. ➤ Exclude cattle grazing from 250 acres of a natural pasture that contains a large pond, a creek, and several springs to provide forage and water for wildlife. ➤ Establish a 10-acre legume plot for elk within the 800-acre irrigated pasture from which cattle are excluded. ➤ Plant and irrigate at least 50 acres of grain or other suitable deer food, retaining 5 of the 50 acres to provide forage for wildlife. ➤ Maintain and improve existing water sources by removing obstacles, checking dams for erosion or cattle damage, repairing spillways, and where appropriate, enlarging ponds. ➤ Plant 15 willow saplings at a water source.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
<p>FIVE DOT RANCH - AVILA</p> <p>DEER ZONE X3A</p> <p>LASSEN</p> <p>11,000 ACRES</p>	<p>Authorized Harvest: 6 buck deer forked horn or better and 1 buck pronghorn antelope</p> <ul style="list-style-type: none"> • Issue 10 buck deer tags to take 6 forked horn or better buck deer for the period of September 16, 2017 through November 30, 2017. • No person shall take more than 1 buck deer annually in the X zones. • 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. • Issue 1 buck pronghorn antelope tag for the period of August 9, 2017 through September 17, 2017. 	<ul style="list-style-type: none"> ➤ Continue reduced livestock use at 300-400 head (previously 450 head). ➤ Continue to exclude livestock from 7 aspen and wetland habitat enclosures by inspecting fencing and making any necessary repairs. These areas provide important deer fawning habitat. ➤ Maintain 6 nesting platforms for Canada geese at 4 reservoirs by checking use and replacing nesting material as necessary. ➤ Cut and disperse 50-100 mountain mahogany branches with ripe seeds in order to recruit young plants. ➤ Maintain 6 existing springs by checking for broken pipes and repairing as necessary. ➤ Maintain 4 existing reservoirs by inspecting spillways and dams for damage and making any necessary repairs.
<p>FIVE DOT RANCH - HORSE LAKE</p> <p>DEER ZONE X5A</p> <p>LASSEN</p> <p>8,025 ACRES</p>	<p>Authorized Harvest: 1 buck deer forked horn or better and 1 buck pronghorn antelope</p> <ul style="list-style-type: none"> • Issue 1 buck deer tag for the period of September 16, 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 9, 2017 through September 17, 2017. 	<ul style="list-style-type: none"> ➤ Rehabilitate a spring and riparian vegetation on 20 acres by excluding cattle (allow grazing for 4-5 days only), installing a water storage tank, solar panel, and troughs, and removing juniper from 80 acres surrounding the spring. ➤ Livestock grazing of the 300-acre Packard Field will be deferred until after July 1 to improve duck and goose brood survival. Grazing will occur between July 1, 2017 and October 1, 2017. ➤ Maintain 5 goose nesting platforms at Packard Reservoir and Coon Camp Reservoir as needed. ➤ Knock seed off Bitterbrush plants so cattle can stomp them into the ground for regeneration. Bitterbrush regeneration will be monitored annually.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
<p>FIVE DOT RANCH – SCHOOL SECTION</p> <p>DEER ZONE X5A</p> <p>LASSEN</p> <p>640 ACRES</p>	<p>Authorized Harvest: 1 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 1 buck deer tag for the period of September 16, 2017 through November 30, 2017. • No person shall take more than 1 buck deer annually in the X zones. 	<ul style="list-style-type: none"> ➤ Exclude cattle grazing in 2017. ➤ For use in future years when cattle is not excluded, maintain livestock exclusion fence around half-acre aspen patch by inspecting it regularly and making any necessary repairs. ➤ Cut and disperse 50 mountain mahogany branches with ripe seeds in order to recruit young plants.
<p>FIVE DOT RANCH - TUNNEL SPRINGS</p> <p>DEER ZONE X5A</p> <p>LASSEN</p> <p>2,600 ACRES</p>	<p>Authorized Harvest: 1 buck deer forked horn or better and 2 buck pronghorn antelope</p> <ul style="list-style-type: none"> • Issue 1 buck deer tag for the period of September 16, 2017 through November 30, 2017. • No person shall take more than 1 buck deer annually in the X zones. • Issue 2 buck pronghorn antelope tags for the period of August 9, 2017 through September 17, 2017. 	<ul style="list-style-type: none"> ➤ Repair damaged livestock-exclusion fencing with wildlife-friendly fencing at Tunnel Springs. ➤ Retain water in 2 reservoirs at 50% of the current year's water capacity for wildlife by filling them as needed. ➤ Remove 100 junipers from around Tunnel Springs and the reservoirs. ➤ Knock seeds off bitterbrush plants in the fall so cattle can stomp them into the ground for regeneration. Bitterbrush regeneration will be monitored annually. ➤ Maintain the solar panel water pump system that keeps 12 water troughs full to provide water for wildlife. ➤ Coordinate with BLM to facilitate the gathering of wild horses on the property as soon as possible.
<p>FIVE DOT RANCH - WILLOW CREEK</p> <p>DEER ZONE X4</p> <p>LASSEN</p> <p>7,200 ACRES</p>	<p>Authorized Harvest: 7 buck deer forked horn or better and 2 buck pronghorn antelope</p> <ul style="list-style-type: none"> • Issue 8 buck deer tags to take 7 buck deer for the period of September 16, 2017 through November 30, 2017. • No person shall take more than 1 buck deer annually in the X zones. • 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"> ➤ Repair any damaged livestock-exclusion fencing around 4 aspen and willow stands totaling 30 acres that provide deer fawning habitat. ➤ Crush at least 35 acres of snowbrush to provide new palatable forage at different sites in Sections 21, 22, 27, or 28. ➤ Exclude livestock grazing on 50 acres of native sagebrush vegetation in the Triangle Field for sage-grouse and other sagebrush dependent species. ➤ Retain water in reservoirs and ponds at 50% of the current year's water capacity for wildlife by filling them as needed.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
FIVE DOT RANCH - WILLOW CREEK CONT.	<ul style="list-style-type: none"> Issue 2 buck pronghorn antelope tags for the period of August 9, 2017 through September 17, 2017. 	<ul style="list-style-type: none"> ➤ Leave the third cutting of alfalfa on 100 acres west of Hwy 139 for deer and pronghorn antelope use. ➤ Maintain a 50-acre field of alfalfa and grass, providing forage for deer. ➤ Maintain trout population by stocking and restricting fishing to catch and release only, and maintain 4 goose nesting platforms at Round Valley Reservoir.
HATHAWAY OAK RUN RANCH DEER ZONE C3 SHASTA 6,640 ACRES	<p>Authorized Harvest: 12 buck deer forked horn or better</p> <ul style="list-style-type: none"> Issue 12 buck deer tags for the period September 16, 2017 through November 30, 2017. No more than 9 buck deer may be harvested after October 22, 2017. 	<ul style="list-style-type: none"> ➤ Maintain the 6-acre riparian livestock exclusion on Swede Creek by inspecting fencing and making any necessary repairs. ➤ Maintain or improve 7 springs that provide year-round water for wildlife by checking for broken pipes and repairing as necessary, and clearing sediment and vegetation out of source. ➤ Maintain existing deer forage areas by diverting spring water over the maximum area possible and along the contour through a shallow ditch system. ➤ Promote vernal pool flora and fauna by protecting and maintaining 2 vernal pools in Section 9 and 18 from mechanical disruption and allowing cattle to graze. ➤ Maintain 10 wood duck boxes along Oak Run Creek by checking use and replacing material as necessary. ➤ Maintain 2 owl boxes along Oak Run Creek by checking use and replacing material as necessary. ➤ Modify at least 0.5 mile of fencing to make it wildlife-friendly by replacing the bottom strand of barbed wire with smooth wire.
JS RANCH DEER ZONE C3 SHASTA 6,500 ACRES	<p>Authorized Harvest: 12 buck deer forked horn or better and 1 bull elk</p> <ul style="list-style-type: none"> Issue 12 buck deer tags for the period of August 1, 2017 through November 30, 2017. No more than 6 buck deer may be harvested after October 22, 2017. 	<ul style="list-style-type: none"> ➤ Retain vegetation for wildlife cover along irrigation canal banks to the extent it does not interfere with ditch maintenance. ➤ Inspect and repair check dams in irrigation canals. Water is kept in canals year-round and is accessible to wildlife.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
JS RANCH CONT.	<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"> ➤ Mechanically control the spread of extensive blackberry thickets within a 650-acre area. Bramble margins and some interior areas will be cut or crushed to reduce blackberry water consumption and increase forage. ➤ Install water bars on dirt roads adjacent to Cow Creek to prevent sediment erosion. ➤ Maintain the exclusion of livestock from 0.5 miles of riparian area by inspecting exclusion fencing and repairing any damage. ➤ Improve water coverage by adding irrigation to 20-30 acres in Clover Creek Flats. ➤ Increase field size for 1 food plot from 10-15 acres to 20-30 acres. ➤ Expand livestock exclusion area from 650 acres to 1,000 acres to provide forage for wildlife during late summer and early fall. Livestock are excluded from June 1 through October 31. ➤ Remove a minimum of 0.5 miles of interior fencing to enhance wildlife movement. ➤ Add 20 new wood duck boxes and maintain 30 existing wood duck boxes. Check all boxes for use annually on Old Cow Creek and Clover Creek. ➤ Enhance and maintain 2 ponds by enlarging and repairing spillways and dams and making any other necessary repairs. ➤ Maintain a 200-acre fenced area with no human disturbance or cattle grazing for wildlife use year-round.
KRAMER RANCH DEER ZONE X1 LASSEN 4,070 ACRES	<p>Authorized Harvest: 5 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 5 buck deer tags for the period of August 20, 2017 through November 30, 2017. • No person shall take more than 1 buck deer annually in the X zones. 	<ul style="list-style-type: none"> ➤ Remove all western junipers from at least 33 acres in Area 2 except for any large, old-growth juniper that are being used by wildlife. ➤ Create 1 brush pile for every 1-5 acres of western juniper removal to provide cover for wildlife. ➤ Replace 4,230 ft. of 5-strand barbed wire fencing with wildlife-friendly fencing. ➤ Remove noxious weeds including scotch thistle, perennial pepper weed, and diffuse knapweed from at least 2 acres by chemical

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
KRAMER RANCH CONT.		<p>treatment or hand grubbing.</p> <ul style="list-style-type: none"> ➤ Implement rotational grazing practices in the juniper removal area to allow for establishment of native grasses, forbs, and shrubs for wildlife. Rotate cattle to next pasture before grasses reach a 6-in. stubble height. Available forage for wildlife on the ranch will be monitored using 1-m² grazing exclosure cages.
LITTLE DRY CREEK RANCH DEER ZONE C4 TEHAMA 2,000 ACRES	<p>Authorized Harvest: 2 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 2 buck deer tags for the period of October 20, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Continue to exclude livestock grazing from the entire ranch to benefit wildlife. ➤ Maintain 3 springs by checking for broken pipes and repairing as necessary. Install wildlife escapement ramps within existing troughs. ➤ Treat at least 2 acres of yellow star thistle with herbicides. ➤ Keep trespass livestock off the ranch by annually inspecting the perimeter fence and repairing any damage.
LONG PRAIRIE FARMS DEER ZONE X1 SISKIYOU 1,814 ACRES	<p>Authorized Harvest: 2 either-sex deer and 1 bull elk</p> <ul style="list-style-type: none"> • Issue 2 either-sex deer tags for the period of September 15, 2017 through November 30, 2017. • No person shall take more than 1 buck deer annually in the X zones. • Only 1 buck deer shall be harvested after October 15, 2017. • Issue 1 bull elk tag for the period of September 1, 2017 through December 31, 2017. 	<ul style="list-style-type: none"> ➤ Remove western juniper from at least 5 acres to improve shrub recruitment. ➤ Increase forage quality for wildlife by pruning bitterbrush and mechanically disturbing the soil within a 5-acre area. ➤ Maintain 8 miles of exclusion fencing on the ranch to prohibit grazing from trespass cattle. ➤ Use ground water pumps to create and maintain a 1-acre wetland to provide year-round water for wildlife. ➤ Retain 150 acres of alfalfa and Timothy grass in the crop pivot corners to provide fall forage for wildlife. ➤ Identify and retain at least 3 pine and/or juniper trees currently providing nesting opportunities for raptors on the ranch.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
MENDIBOURE COLD SPRINGS RANCH DEER ZONE X5B LASSEN 1,880 ACRES	<p>Authorized Harvest: 1 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 1 buck deer tag for the period of October 6, 2017 through October 22, 2017. • No person shall take more than 1 buck deer annually in the X zones. 	<ul style="list-style-type: none"> ➤ Protect young aspen above Hall Cabin with a 2-acre livestock enclosure. ➤ Cut at least 50 mountain mahogany branches with ripe seeds and leave on the ground in order to recruit young plants. ➤ Mechanically remove all western juniper from 5 acres in the southeast corner of Section 36 to improve shrub and forb recruitment. ➤ Maintain East Meadow spring by checking and repairing any damaged parts. ➤ Maintain the Halls Cabin pond by digging out the pond to make it deeper. ➤ Implement rotational cattle grazing between 2 pastures so that the residual dry matter does not fall below 40% using the Double-Weight sampling technique.
MENDIBOURE RANCH DEER ZONE X5B LASSEN 8,840 ACRES	<p>Authorized Harvest: 3 buck deer forked horn or better and 1 buck pronghorn antelope</p> <ul style="list-style-type: none"> • Issue 6 buck deer tags to take 3 buck deer for the period of September 23, 2017 through October 22, 2017. • No person may take more than 1 buck deer annually in the X zones. • 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. • Issue 1 buck pronghorn antelope tag for the period of August 26, 2017 through September 10, 2017. 	<ul style="list-style-type: none"> ➤ Maintain aspen and willow livestock enclosure fencing at Etchecopar Spring, Van Loan Creek, and Big Springs by checking and repairing fencing if needed. ➤ Monitor 60 acres of dryland alfalfa and reseed as necessary for wildlife. Construct a wildlife-friendly fence to exclude cattle from the plot. ➤ Maintain springs and water sources. ➤ Cut 100-150 mountain mahogany branches with ripe seeds to recruit young plants. ➤ Remove all junipers from 485 acres near Smith Flat to improve shrub and forb recruitment. ➤ Maintain perimeter fences. ➤ Implement rotational cattle grazing so that the residual dry matter does not fall below 40% using the Double-Weight sampling technique..

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
RED ROCK RANCH LASSEN DEER ZONE X3B 6,887 ACRES	<p>Authorized Harvest: 7 buck deer forked horn or better and 2 buck pronghorn antelope</p> <ul style="list-style-type: none"> • Issue 7 buck deer tags for the period of September 23, 2017 through November 19, 2017. • No person shall take more than 1 buck deer annually in the X zones. • Issue 2 buck pronghorn antelope tags for the period of August 12, 2017 through September 17, 2017. 	<ul style="list-style-type: none"> ➤ Maintain the livestock fencing at 2 springs near Windy Flat to exclude livestock. ➤ Maintain a spring box at Windy Flat by checking and repairing any damaged parts. ➤ Inspect and make any necessary repairs to the livestock exclusion fencing around 2 aspen and willow stands that provide deer fawning habitat. ➤ Remove all western juniper from upper Neuland area to enhance shrub recruitment. ➤ Construct a new aspen enclosure in Boot Lake Canyon, west of Boot Lake, to exclude livestock grazing and encourage the development of additional fawning habitat. ➤ Continue rotational grazing to rest at least 1 meadow for wildlife cover and forage.
RED ROCK VALLEY FARMS DEER ZONE X1 SISKIYOU 5,562 ACRES	<p>Authorized Harvest: 3 either-sex deer and 1 bull elk</p> <ul style="list-style-type: none"> • Issue 3 either-sex deer tags for the period of September 15, 2017 through November 30, 2017. • No person shall take more than 1 buck deer annually in the X zones. • Only 1 buck deer shall be harvested after October 15, 2017. • Issue 1 bull elk tag for the period of September 1, 2017 through December 31, 2017. 	<ul style="list-style-type: none"> ➤ Selectively remove western juniper from at least 5 acres improve shrub recruitment. ➤ Increase forage quality for wildlife by pruning bitterbrush and mechanically disturbing the soil within a 5-acre area. ➤ Maintain 12 miles of exclusion fencing on the ranch to prohibit grazing from trespass cattle. ➤ Retain 400 acres of alfalfa and timothy grass in the crop pivot corners to provide fall forage for wildlife. ➤ Maintain a restored 2-acre wetland by pumping water into it to providing year-round water for wildlife. ➤ Identify and retain at least 5 pine and juniper trees that provide nesting and perching opportunities for raptors ➤ Maintain Tecnor Spring by removing western juniper trees and silt as necessary.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
ROARING RIVER RANCH DEER ZONE B5 SHASTA 472 ACRES	<p>Authorized Harvest: 2 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 2 buck deer tags for the period August 1, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Provide water for wildlife by maintaining 2 small ponds (pumping water into them when levels are low and clearing fallen debris). ➤ Maintain livestock exclusion fencing around 22 acres of irrigated grain fields (peas, oats, and barley) by checking and repairing as necessary. ➤ Treat at least 6 acres of yellow star thistle using herbicides. ➤ Prohibit commercial firewood cutting in order to retain oaks. ➤ Leave all foothill pine snags standing for wildlife habitat. ➤ Replace old trough to provide water for wildlife. Check for broken pipes and repair as necessary. ➤ Plant 15 willow saplings to provide cover for fawns. Replace if eaten by cattle. ➤ Create 2 brush piles for quail.
ROSEBURG RESOURCES – PONDOSA DEER ZONE X1 SISKIYOU 27,734 ACRES	<p>Authorized Harvest: 3 either-sex deer, 2 bull elk, and 2 antlerless elk</p> <ul style="list-style-type: none"> • Issue 3 either-sex deer tags for the period of August 15, 2017 through November 15, 2017. • No antlerless deer shall be harvested before September 15, 2017. • Issue 2 bull elk tags and 2 antlerless elk tags for the period of September 1, 2017 through October 31, 2017. 	<ul style="list-style-type: none"> ➤ Maintain 35+ acres of aspen and meadow restoration areas by removing encroaching conifer seedlings and saplings. ➤ Create 4 brush piles for wildlife cover. ➤ Continue cow:calf recruitment study. ➤ Recruit 20 acres of late seral habitat by retaining up to 10% of the standing inventory within even-aged timber units. ➤ Decommission 1 mile of unused road by blocking access and installing erosion control.
R-R RANCH MENDOCINO 1,460 ACRES	<p>Authorized Harvest: 2 bull and 6 antlerless elk</p> <ul style="list-style-type: none"> ➤ Issue 2 bull elk tags for the period of August 1, 2017 through November 30, 2017. ➤ Issue 4 antlerless elk tags for the period of September 15, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Irrigate a 7-acre alfalfa pasture. If the alfalfa production falls below a total cover of 50% in the fall, rip, replant and roll the pasture at a rate of 20 lbs./acre the following March or April with a clover and alfalfa seed mix to provide high quality forage for wildlife. ➤ Maintain the existing 100-acre dryland plot with a rye grass/clover mix by harvesting and thatching every summer. Manually fill 2 water troughs near the irrigated alfalfa as needed for elk use. Clean (through a rotor-

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
R-R RANCH CONT.	<ul style="list-style-type: none"> ➤ On or before October 15, 2017, the licensee may request (in writing) up to 2 additional antlerless elk tags to accomplish the authorized harvest. 	<p>rooter process) and maintain 3 natural springs and associated bathtub holding structures found on the Ranch to facilitate water flow from the springs to the tubs.</p> <ul style="list-style-type: none"> ➤ Exclude livestock from the ranch to improve forage and cover for wildlife. ➤ Expand (remove sediment and enlarge) Mud Lake with a tractor in late summer when the pond has dried and as conditions allow to ensure the lake holds water all year. ➤ Make wood piles for non-game wildlife. The location, size, and number are determined by the amount of large oak trees and branches that have fallen during the winter. However, in an effort to help pre-suppress wildfire on the Ranch approximately 50% of the piles will be burned each year.
SALT CREEK RANCH DEER ZONE B5 TEHAMA 640 ACRES	<p>Authorized Harvest: 3 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 3 buck deer tags for the period of September 1, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Mechanically crush at least 10 acres of decadent brush to promote new growth. ➤ Mechanically crush at least 3 additional acres of decadent brush and plant with rye, oats, and clover. ➤ Maintain existing open areas (approx. 18 acres have been brush-cleared) by replanting with annual grains and clover. ➤ Continue to improve water retention ponds by repairing and plugging any leaks in the dams.
SCHNEIDER RANCH DEER ZONE B1 MENDOCINO 4,222 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 August 1, 2017 through November 30, 2017. • No more than 4 buck deer may be harvested after October 22, 2017. 	<ul style="list-style-type: none"> ➤ Maintain the 1-acre irrigated forage plot at Mark's Place, which provides valuable summer forage and also contributes subsurface water to an additional 8 acres downslope. Maintenance includes weed control, soil management, and ensuring the functionality of the water supply system. ➤ Cultivate with tractor equipment and irrigate the 1-acre Cabin food plot, which provides a year-round deer feeding area. ➤ Create 6 brush piles for wildlife cover. The piles will each be approximately 10 ft. in diameter and 6 ft. tall and will provide good habitat for both deer and quail.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
SCHNEIDER RANCH CONT.		<ul style="list-style-type: none"> ➤ Burn 6 brush piles. The remnant charcoal and ashes are nutrient rich and deer roll in them, perhaps for control of external parasites. ➤ Cut/hinge at least 10 smaller sub-canopy oaks so they droop to a point where branches are within reach of deer. ➤ Inspect 8 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. ➤ Exclude all livestock from the ranch, including regular fence maintenance in order to prohibit trespass cattle from USFS and BLM grazing allotments.
SL RANCH DEER ZONE X3A MODOC 7,500 ACRES	<p>Authorized Harvest: 4 buck deer forked horn or better and 1 buck pronghorn antelope</p> <ul style="list-style-type: none"> • Issue 4 buck deer tags for the period of August 15, 2017 through November 15, 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 1, 2017 through September 30, 2017. 	<ul style="list-style-type: none"> ➤ Use a combination of chainsaws and herbicides to remove western juniper from 10-20 acres around springs. ➤ Return 400 acres to wild rice, and flood 40 acres for waterfowl use after harvest. ➤ Maintain the livestock exclusion fence around the spring below Likely Mill to exclude cattle. ➤ Maintain 2 springs on Rocky Prairie and 1 pond by ensuring that fencing excludes cattle. Any damaged fences and structures will be repaired as necessary. ➤ Maintain the livestock exclusion fencing along the West Side Canal where willows are present. Fences and structures will be repaired as necessary. ➤ Plant 200 willows along north and south banks of the Westside Irrigation Canal (the source of the water is the South Fork of the Pit River). ➤ Maintain and replace goose nesting platforms as needed.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
SPRING VALLEY RANCH DEER ZONE A MENDOCINO 4,860 ACRES	<p>Authorized harvest: 24 buck deer forked horn or better and 4 bull elk</p> <ul style="list-style-type: none"> • Issue 24 buck deer tags for the period of August 1, 2017 through November 30, 2017. • No more than 8 buck deer may be harvested after September 24, 2017. • Issue 4 bull elk tags for the period of August 1, 2017 through November 30, 2017. • On or before October 15, 2017, the licensee may request (in writing) up to 1 additional bull elk tag to complete the authorized harvest. 	<ul style="list-style-type: none"> ➤ Create 2, 10 x 6-ft. brush piles. ➤ Remove and manipulate 0.25 acres of blackberries by tractor, hand, and/or herbicide. Treatment areas will be monitored to determine the most effective method of removal and manipulation. ➤ Mechanically remove with a tractor and by hand 0.5 acres of decadent manzanita to improve wildlife forage. Eradicate 1.5 acres of scotch broom and coyote brush. ➤ Construct 1 rail-type fence crossing for elk. The top cross rail will be no higher than 48 in. above the ground to accommodate adult elk and the bottom cross rail will be no lower than 22 in. to facilitate crossing by elk calves. ➤ Repair existing elk crossings as necessary. ➤ Inspect and if necessary repair the 9 previously improved water development projects. ➤ Develop 1 new spring. Dig out spring and use collector boxes. Pipe water to troughs. ➤ Remove at least 1,000 ft. of woven wire cross fencing to reduce wildlife entanglement. ➤ 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.
TRIPLE B RANCH DEER ZONE C3 SHASTA 600 ACRES	<p>Authorized Harvest: 3 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 3 buck deer tags for the period of August 1, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Maintain 10 water sources to provide water for wildlife by checking for broken pipes and repairing as necessary. ➤ Maintain 20 artificial cavity nesting structures by checking boxes, repairing any if necessary and cleaning out the boxes each year. ➤ Build 3 more artificial cavity nesting structures. ➤ Complete solar pumping station #2 to pipe water to ponds to provide water for wildlife. ➤ Maintain livestock at 150 AUMs during the winter grazing period (December through April) in order to reduce erosion impacts to streams.

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TRIPLE B RANCH CONT.		<ul style="list-style-type: none"> ➤ Plant a 5-acre forage plot with wheat for wildlife use. ➤ Maintain pond by repairing erosion in the spillway area of the dam. ➤ Add 1 cattle watering area on west side of ranch to reduce cattle incursion into riparian habitats.
NORTH CENTRAL REGION		
BIRD HAVEN RANCH DEER ZONE D-3 GLENN 2,500 ACRES	<p>Authorized Harvest: 6 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 6 buck deer tags, with 1 of the 6 tags being reserved for a junior hunter. 1 or 2 of these tags can be donated to a non-profit such as California Waterfowl Association or Ducks Unlimited, or sold to generate revenue for any such non-profit. The harvest period will be from August 19, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Maintain current conditions. ➤ Plant 10 valley oak trees. ➤ Install and monitor 5 wood duck boxes. ➤ Install 5 bat boxes. ➤ Create 5 brush piles. ➤ Plant 4 separate 3-5 acre corn or milo food plots (total 12-20 acres).
LLANO SECO RANCHO DEER ZONE C4 BUTTE 14,500 ACRES	<p>Authorized Harvest: 25 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 25 buck deer tags for the period of September 1, 2017 through November 30, 2017 	<ul style="list-style-type: none"> ➤ Treat 800 acres of yellow star and bull thistle. ➤ Plant 800 acres of vetch, rye grass, and oats. ➤ Grow 480 acres of dry land or irrigated wheat, and 315 acres of irrigated barley. ➤ Install 4 new pond turtle basking structures. ➤ Maintain or replace existing 50 barn owl and wood duck nest boxes. ➤ Plant 65 acres of native grass in the river bottom. ➤ Coordinate with CDFW on deer surveys and captures for CDFW Sacramento River Herd Study.
ORDWAY RANCH DEER ZONE D-5 CALAVERAS 850 ACRES	<p>Authorized Harvest: 6 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 6 buck deer tags for the period of September 23, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ No cattle grazing in Pasture D. ➤ Maintain 3 water sources for wildlife (including 2 solar-powered wells). ➤ Maintain 50 acres of fencing around two natural springs and creek to exclude cattle. ➤ Continue control of invasive weeds. ➤ Develop new wildlife brush piles and enhance existing brush piles.

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ROCK CREEK DEER ZONE C4 BUTTE/TEHAMA 9,945 ACRES	<p>Authorized Harvest: 30 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 33 deer tags to take 30 buck deer for the period of August 19, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Begin work on the Stone Corral Spring project. Half will be done in 2017 and then the other half completed in 2018. ➤ Replace 1 mile of “wildlife friendly” cross fencing on the Rose Ranch in the vicinity of Barbara Flats. ➤ A 90’ bridge over Rock Creek is planned to be installed on the Rose Ranch. ➤ Continue to graze at a sustainable level. Cattle levels and duration will be adjusted for drought. ➤ Continue maintenance on all ponds, springs, wells, troughs, and fencing.
SOPER-WHEELER DEER ZONE D-3 BUTTE 5,250 ACRES	<p>Authorized Harvest: 18 buck deer forked horn or better, 26 turkey, 200 quail, and 16 bear tags to take 8 bear</p> <ul style="list-style-type: none"> • Issue 18 buck tags for the period of August 19, 2017 through November 30, 2017. 1 to 3 tags to be donated to California Deer Association for auction with the season extended to December 10, 2017 for any donated tags. • Issue 26 turkey tags for the periods of October 14, 2017 through November 30, 2017 (fall season, either-sex harvest) and March 10, 2018 through May 13, 2018 (spring season, bearded turkey only harvest). 2 tags to be donated to the Hunter Education Instructor Tag Incentive Program (HEI). • Issue 200 quail tags for the periods of October 1, 2017 through February 28, 2018. • 16 bear tags to take up to 8 bears with either archery or rifle. The season will run August 19, 2017 through December 25, 2017 or until 1,700 bears have been taken statewide. 	<ul style="list-style-type: none"> ➤ Put in a water tank on Buck Ridge. ➤ Develop 5 more brush piles. ➤ Maintain and provide maintenance on all wells, water sources, and guzzlers. ➤ Continue planting turkey mullein or other similar seed. ➤ Maintain restrictions on grazing.

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<p>SPURLOCK RANCH</p> <p>DEER ZONE B-3</p> <p>GLENN</p> <p>2,630 ACRES</p>	<p>Authorized Harvest: 10 buck deer forked horn or better</p> <ul style="list-style-type: none"> • Issue 10 deer tags for the period of September 16, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Cattle numbers at or below 200 cow/calf pairs. ➤ Cattle grazing season October 25 to May 20; post- season grazing standard of 1,200 lbs/acre RDM. ➤ Treat approximately 20-25 acres of yellow starthistle and/or bull thistle with herbicide. ➤ Construct ¾ wildlife-friendly cattle exclusion fence in riparian area of Johnson Valley. ➤ Plant 100 willow seedlings below fenced dam in Fig Tree Field.
<p>SUGARLOAF-BANGOR RANCH</p> <p>DEER ZONE D-3</p> <p>YUBA</p> <p>2,626 ACRES</p>	<p>Authorized Harvest: 12 buck deer forked horn or better, 50 turkey, and 200 quail</p> <ul style="list-style-type: none"> • Issue 12 buck deer tags for the period of September 23, 2017 through November 30, 2017. • Issue 50 turkey tags for the periods of October 1, 2017 through January 15, 2018 (fall season, either-sex harvest) and March 1, 2018 through May 15, 2018 (spring season, gobbler-only harvest). • Issue 200 upland game seals for the period of September 1, 2017 through February 28, 2018. Additional orders are approved in 100 seal increments up to the authorized harvest. 	<ul style="list-style-type: none"> ➤ Moderate livestock grazing program. ➤ Maintain hot line around Round Lake to keep livestock from willow and cottonwood plantings. ➤ Maintain solar-operated well that is water source for Round Lake. ➤ Crush brush to improve deer browse; pile brush for quail habitat. ➤ Maintain ditch and pipe that supplies water to Wood Duck Lake. ➤ Modify water intake for Wood Duck Lake. ➤ Maintain 40 bluebird nest boxes.
CENTRAL REGION		
<p>BARDIN RANCH</p> <p>MONTEREY COUNTY</p> <p>8,000ACRES</p>	<p>Authorized Harvest: 2 bull and 4 antlerless elk</p> <ul style="list-style-type: none"> • Issue 2 bull elk tags for the period of October 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"> ➤ Maintain existing springs, pipe lines & troughs to provide water for wildlife. ➤ Plant 30 acres of forage grass for use by wildlife. ➤ Maintain rotational grazing system & allow cattle access to the upper hills only from November through June. ➤ Recondition West Sycamore stock pond for wildlife. ➤ Mechanically remove & stack brush to enhance fowl habitat.

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<p>CARNAZA RANCH</p> <p>SAN LUIS OBISPO COUNTY</p> <p>8,475 ACRES</p>	<p>Authorized Harvest: 3 bull elk and 3 antlerless elk</p> <ul style="list-style-type: none"> • Issue 3 bull elk tags for the period of July 15, 2017 through December 31, 2017. • Issue 3 antlerless elk tags for the period of August 15, 2017 through December 31, 2017. 	<ul style="list-style-type: none"> ➤ Plant 100 acres of dryland barley for use by wildlife. ➤ Pump water to 5 water troughs on a year round basis to provide water for wildlife. ➤ Plant 10, 1-gallon native trees to enhance wildlife habitat. ➤ Construct 3 brush piles to enhance habitat for upland game.
<p>CARRIZO RANCH</p> <p>SAN LUIS OBISPO COUNTY</p> <p>11,040 ACRES</p>	<p>Authorized Harvest: 3 bull elk and 2 antlerless elk</p> <ul style="list-style-type: none"> • Issue up to 3 bull elk tags for the period of July 15, 2017 through December 31, 2017. • Issue up to 2 antlerless elk tags for the period of August 15, 2017 through December 31, 2017. 	<ul style="list-style-type: none"> ➤ Plant 10, 1-gallon native trees and 10, 1-gallon shrubs to enhance wildlife habitat. ➤ Plant 200 acres of dryland barley to enhance wildlife habitat. ➤ Create 3 brush piles to enhance habitat for upland game.
<p>HEARST RANCH</p> <p>SAN LUIS OBISPO COUNTY</p> <p>5,381 ACRES</p>	<p>Authorized Harvest: 2 bull elk and 5 antlerless elk</p> <ul style="list-style-type: none"> • Issue 2 bull elk tags for the period of July 15, 2017 through December 31, 2017. • Issue 5 antlerless elk tags for the period of August 15, 2017 through December 31, 2017. 	<ul style="list-style-type: none"> ➤ Irrigate 152 acres of pasture for year round use by wildlife. ➤ Maintain livestock exclusionary fencing on 105 acres (2.5 miles of fencing) of riparian pasture during periods of stream flow to enhance fishery and wildlife habitat. ➤ Treat and remove 1-acre of nonnative Scotch Broom to enhance habitat for native plants and animals. ➤ Treat and remove 1-acre of nonnative Jubata grass to enhance habitat for native plants and animals. ➤ Install 4 raptor roosting poles.

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<p>SKY ROSE RANCH, LLC.</p> <p>DEER ZONE A</p> <p>MONTEREY COUNTY</p> <p>14,039 ACRES</p>	<p>Authorized Harvest: 4 buck deer forked horn or better and 2 antlerless deer</p> <ul style="list-style-type: none"> • Issue 4 buck deer tags for the period of July 1, 2017 through November 30, 2017. • Issue 2 antlerless deer tags for the period of July 1, 2017 through November 30, 2017. 	<ul style="list-style-type: none"> ➤ Plant 10 acres of barley, cereal crop or pasture mix to provide feed and cover for wildlife. ➤ Create 10 brush piles to provide escape cover and nesting habitat for wildlife. ➤ Install 4 watering devices (such as guzzlers) to provide continual water sources for wildlife. ➤ Install any combination of 10 bluebird, owl or bat boxes along perimeter fences near alfalfa fields. ➤ Remove non-native “tree of heaven” from the ranch headquarters area along Deer Canyon Road. ➤ Identify and control invasive populations of tocalote and puncture vine on the ranch property. ➤ Install 3 miles of water pipeline along Three Mile Road to bring water to new watering troughs and other watering devices.
<p>TEJON RANCH</p> <p>DEER ZONE D11</p> <p>KERN AND LOS ANGELES COUNTIES</p> <p>270,000 ACRES</p>	<p>Authorized Harvest: 40 either-sex deer, 5 antlerless deer, 12 bull elk, 3 cow elk, and 10 bearded turkeys.</p> <ul style="list-style-type: none"> • Issue 20 either-sex tags for the period of September 24, 2017 through November 5, 2017 (early season opening). • Issue 20 either-sex tags for the period of November 6, 2017 through December 3, 2017 (late season opening). • Issue 5 antlerless deer tags for the period of September 24, 2017 through December 31, 2017. • On or before October 25, 2017, the licensee may request (in writing) up to 10 either-sex deer tags to achieve the authorized harvest quota. • Issue 12 bull elk tags and 3 antlerless elk tags for the period of September 1, 2017 through December 31, 2017. 	<ul style="list-style-type: none"> ➤ Maintenance of 200+ water troughs and wildlife guzzlers (Antelope Valley). ➤ Maintenance of wildlife escape ramps in livestock water troughs. ➤ Maintenance of netting covering open water tanks and large spring containments. ➤ Enhancement of water systems; Maintenance of 11-mile water pipeline system (White Wolf to Comanche Point). ➤ Maintain fencing to exclude cattle grazing (Sacatara Canyon) to protect riparian habitat. ➤ Residual Dry Matter (RDM) monitoring of cattle grazing locations for comprehensive wildlife management. ➤ Maintain wildlife corridor between Big Sycamore and Bronco Canyon.

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PLM Area	Proposed Season and Harvest	Habitat Improvement Program
TEJON RANCH CONT.	<ul style="list-style-type: none"> • No persons shall take more than 1 buck deer, 1 bull elk and 1 antlerless elk. • Issue 10 bearded turkey tags for the period of March 17, 2018 through May 20, 2018. 	<ul style="list-style-type: none"> ➤ Modified pasture fences (Antelope Valley) for pronghorn movement; replaced with smooth wire where needed or required. ➤ Monitor riparian zones using Best Management Practices for Wildlife management and Cattle grazing. ➤ Conduct comprehensive invasive plant control plan in collaboration with the Tejon Conservancy. ➤ Harvest of feral pigs to reduce damages to riparian habitat and native wildlife; feral pig management study underway. ➤ Utilize Quality Deer Management (QDM) program, hunter education and harvest methods, to better manage the population. ➤ Utilize guided only Hunts to better manage the Rocky Mountain elk, mule deer, and wild turkey populations.
TEMBLOR RANCH SAN LUIS OBISPO AND KERN COUNTIES 30,000 ACRES	<p>Authorized Harvest: 7 bull elk and 10 antlerless elk</p> <ul style="list-style-type: none"> • Issue 7 bull elk tags for the period of July 15, 2017 through December 31, 2017. • Issue 10 antlerless elk tags for the period of August 15, 2017 through December 31, 2017. • Upon request of the licensee on or prior to November 1, 2017, the licensee may request up to 7 additional bull elk tags and 10 additional antlerless elk tags to accomplish the authorized harvest of not more than 17 elk. 	<ul style="list-style-type: none"> ➤ Plant and maintain 1-acre of irrigated pasture for use by wildlife. ➤ Install ½ mile of new waterline to provide water for wildlife. ➤ Plant 10, 1-gallon trees to enhance habitat for wildlife.

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

PLM Area	Proposed Season and Harvest	Habitat Improvement Program
SOUTH COAST REGION		
<p>SANTA CATALINA ISLAND</p> <p>DEER ZONE D15</p> <p>LOS ANGELES</p> <p>42,100 ACRES</p>	<p>Authorized Harvest: 500 deer: 250 antlerless deer and 250 either-sex deer.</p> <ul style="list-style-type: none"> • Issue 300 tags, 150 antlerless deer tags and 150 either sex deer tags for the period of July 3, 2017 to December 31, 2017. • Upon written request of the licensee on or before October 1, 2017, issue up to an additional 50 antlerless deer tags and up to an additional 50 either-sex deer tags to accomplish the authorized harvest. Any tags not requested during this request-period can be rolled over into and allocated during the next request period. • Upon written request of the licensee on or before December 1, 2017, issue up to an additional 50 antlerless deer tags and up to 50 either-sex deer tags to accomplish the authorized harvest. 	<ul style="list-style-type: none"> ➤ Continue annual Catalina Island fox recovery activities including: census, vaccination of 300 individuals against CDV/rabies, and monitoring 50 radio collared individuals. ➤ Continued monitoring of island for non-native mammals (e.g., raccoons). ➤ Continued bison herd management through contraception (maintain <150). ➤ Continue animal and plant baseline monitoring activities. ➤ Continue to optimize weather data collection and analysis. ➤ Continue invasive plant removal through the Catalina Habitat Improvement and Restoration Program (CHIRP). ➤ Continue monitoring and maintenance of deer exclosures erected post-fire and for rare species. ➤ Continue and expand education and outreach through Naturalist Training, Kids in Nature, Island Scholars, Families in Nature, and Nature Works programs.

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

- Ackerman-South Daugherty WMA (Mendocino County)
- Bardin Ranch (Monterey County)
- Basin View Ranch (Modoc County)
- Big Bluff Ranch (Tehama County)
- Bird Haven Ranch (Glenn County)
- Black Ranch (Shasta County)
- Capistran Ranch (Mendocino County)
- Carnaza Ranch (San Luis Obispo County)
- Carrizo Ranch (San Luis Obispo County)
- Clarks Valley Ranch (Lassen County)
- Clover Creek Ranch (Shasta County)
- Dixie Valley (Lassen County)
- Five Dot Ranch- Avila (Lassen County)
- Five Dot Ranch- Horse Lake (Lassen County)
- Five Dot Ranch- School Section (Lassen County)
- Five Dot Ranch- Tunnel Springs (Lassen County)
- Five Dot Ranch- Willow Creek (Lassen County)
- Hathaway Oak Run Ranch (Shasta County)
- Hearst Ranch (San Luis Obispo County)
- JS Ranch (Shasta County)
- Kramer Ranch (Lassen County)
- Little Dry Creek Ranch (Tehama County)
- Llano Seco Rancho (Butte County)
- Long Prairie Farms (Siskiyou County)
- Mendiboure Cold Springs Ranch (Lassen County)
- Mendiboure Ranch (Lassen County)
- Ordway Ranch (Calaveras County)
- Red Rock Ranch (Lassen County)
- Red Rock Valley Farms (Siskiyou County)
- Roaring River Ranch (Shasta County)
- Rock Creek (Butte County) (Tehama County)
- Roseburg Resources- Pondosa (Siskiyou County)
- R-R Ranch Mendocino County)
- Salt Creek Ranch (Tehama County)
- Santa Catalina Island (Los Angeles County)
- Schneider Ranch (Mendocino County)
- Sky Rose Ranch, LLC. (Monterey County)
- SL Ranch (Modoc County)

- Soper- Wheeler (Butte County)
- Spring Valley Ranch (Mendocino County)
- Spurlock Ranch (Glenn County)
- Sugarloaf- Bangor Ranch (Yuba County)
- Tejon Ranch (Kern County) (Los Angeles County)
- Temblor Ranch (San Luis Obispo County) (Kern County)
- Triple B Ranch (Shasta County)