



# ACCESS & HABITAT PROGRAM

## Regional Advisory Council

### Council Appointment Review

**ODFW Region / A&H Regional Council:** East / Deschutes/Klamath

**Project Proposal Title:** Dixie Meadows\_\_\_\_\_

**Applicant(s):** John Breese

**Date of Council Review:** 11/30/16

**Motion:** Larry Lee motioned to recommend approval of proposal; Jim Reiss seconded.

<u>Council Member</u>	<u>Position</u>	<u>Vote</u>
Doby Fugate	Chair	Yes
Rance Kastor	Landowner Representative	Yes
Jeff McNerney	Landowner Representative	Absent
Vacant	Landowner Representative	N/A
Ralph Paull (proxy)	Hunter Representative	Yes
Larry Lee	Hunter Representative	Yes
James Reiss	Hunter Representative	Yes

**Disposition of Vote:**

Council voted 5-0 for Dixie Meadows proposal to be approved.

**Project's Strengths:**

- An Open Fields contract was already awarded to this landowner, who has completed all habitat work. This new proposal is for another 3 year contract to expand habitat improvements as part of ODFW's Mule Deer Initiative in the Ochoco Unit.
- The previous contract allowed 3 years of public access to the property for big game hunters. Hunter permits showed a high hunter satisfaction rate. This renewal will allow public access for the next three years (2017-2019) via the online reservation system.

**Council's Concerns:**

- Rance Kastor had concerns about burning juniper after the leaves had fallen off. His experience suggests that burning is best before the leaves fall off due to lower intensity temperatures, which reduces negative impacts to native vegetation.
- Question was asked about who would make sure the landowner follows through with burning 5-10 years out. Matt Keenan responded that the Prineville ODFW staff will be monitoring the project.



# Oregon

Kate Brown, Governor

## Department of Fish and Wildlife

Prineville Field Office

High Desert Region

2042 SE Paulina Hwy.

Prineville, OR 97754

(541) 447-5111

FAX (541) 447-8065

[www.dfw.state.or.us](http://www.dfw.state.or.us)

November 22, 2016

Access and Habitat Board  
4034 Fairview Industrial Dr.  
Salem, OR 97302

Dear Access and Habitat Board Members,

The purpose of this letter is to express my support for the Dixie Meadow 2017 Open Fields grant proposal. The habitat improvements outlined in the proposal, coupled with the public hunting access, make this project a great fit for the Access and Habitat Program.

Juniper removal is a priority in this region. Western juniper has encroached onto millions of acres since European settlement, due largely to fire suppression. Junipers compete with understory forage for water, light, and nutrients, reducing quantity and quality of forage for wildlife species.

Due to limited resource, we prioritize habitat projects on ranches with conservation-minded landowners who will complement our project activities with ongoing habitat improvements. The Breeses have a long history of conservation projects on their property, and we expect this to continue into the future. We also focus on projects with a long-term plan to maintain wildlife habitat on treatment areas. In this project proposal, the landowners will burn the treatment area in 5-10 years, helping prevent re-establishment of juniper seedlings.

The access component adds a lot of value to this project. Private lands such as the Dixie Meadow property support higher deer densities than public lands, and the topography on this ranch makes walking access easy for most hunters. Hunters on this property also have a safe and enjoyable experience because they have the ranch to themselves. There are no other public hunting opportunities like this in the Ochoco WMU.

Please let me know if you need any additional information.

Sincerely,

Greg Jackle  
District Biologist

# APPLICATION FOR GRANT FUNDS

**Access & Habitat Program  
Oregon Department of Fish and Wildlife  
3406 Cherry Avenue NE  
Salem, OR 97303**

I/We,

John Breese

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of Prineville Oregon, Oregon, hereby make application for financial assistance under the terms and conditions of the Access and habitat program in the amount of \$83,979.

The total cost of the project is \$ 185,179, as shown on page 12.

I/We understand that if this project is approved for funding by the Oregon Fish and Wildlife Commission, before we receive project funds we will be required to:

- Sign a Grant Agreement containing the terms and conditions upon which funds will be released including submission of necessary permits;
- Obtain landowner and maintenance agreements if needed;
- Sign a certification to comply with state, federal and local regulations if needed;
- Submit a completion report to the Board on project performance.

I/We understand that if this application results in an access grant, ODFW will publicize my/our name, address and telephone number for the purpose of helping hunters locate private lands that may be open to hunting.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Position: \_\_\_\_\_

For ODFW Administrative Purposes Only		
A&H Regional Advisory Council	Review Date:	Review Disposition:
A&H State Board	Review Date:	Review Disposition:
Oregon Fish and Wildlife Commission	Review Date:	Review Disposition:

# ACCESS & HABITAT PROGRAM

## Application for Grant Funds

1. Project Title: Dixie Meadows 2017
2. Applicant: John Breese  
(If private nonprofit, attach IRS letter of 501(c)(3) status)  
Address: 3315 SE Paulina Hwy  
City/State/Zip: Prineville, OR Phone: 541-447-6762  
Signature: \_\_\_\_\_ Date: November 22, 2017
3. Location: ODFW Region (see attached map) East Region  
ODFW Region / Watershed District / Deschutes Watershed/Ochoco WMU  
County Crook Township/Range/Sec  
T15SR17ESec23,24,25,26,27,35,36  
T15SR18ESec19,20,21,30,31,32  
T16SR18ES5
4. Type of Project (check):  
Habitat Improvement  Access  Damage   
Other (specify) Open Fields "By Permission"
5. Number of Acres of Habitat to be Improved: 800
6. Number of Acres of Access to be Provided: 5,835
7. Proposed Start Date: May 1, 2017
8. Estimated Cost of Project: \$185,179
9. Access and Habitat Fund Request: \$83,979
10. Briefly explain what the project proposes to do:
  1. Cut, lop, and scatter 800 acres of juniper. In 5-10 years, the landowner will then burn the slash, providing the labor.
  2. Install 5,280 feet of water line.
  3. Install one aluminum water trough with wildlife escapement ramp.
  4. Allow 70 hunters (213 hunter days) to hunt "By Permission" on 5,835 acres.

Background: (Describe the wildlife habitat and/or access challenge or opportunity this project will address.)

The Dixie Meadow Company is owned by John and Lynne Breese, fourth generation ranchers. This ranch came into the Breese ownership in 1888 when John's great grandfather came to Prineville Valley to claim a homestead. Originally, the ranch raised sheep but then switched to cattle after World War II when the shearers left to join the war efforts. The ranch today is 7,700 deeded acres, plus 640 acres of interspersed BLM lands, as well as state lands. The primary activity on the ranch is a commercial cattle operation with 130 cow/calf pairs and timber management.

As proactive land stewards, John and Lynne have developed an intensive livestock grazing management plan to prevent and reduce impacts to vegetation communities and soils. Their efforts include close monitoring of vegetation stubble heights, developing water sources to distribute livestock grazing, protecting riparian/meadow habitats, and practicing rotational and deferred grazing. The Breese's have also been actively involved in juniper treatments, prescribed burning, seeding, weed control, and timber management (OSU Master Woodland Managers).

John and Lynne are also strong advocates for the wildlife and much of their land practices revolve on benefitting wildlife as well. Their tolerance for wildlife use is exemplary with an average of 200 elk wintering on their property as well as 100 wintering mule deer and 20-30 pronghorns (year round). The ranch is entirely in mule deer winter range and also serves as a transitional range, and a fawning/calving summer range. Mule deer and elk use this property year round and the pronghorn, which were once summer residents now use this property year round as well. Mule deer numbers have been declining over the last 20 years with fewer deer found during the fall hunting season.

The Breese's strong leadership and commitment of habitat conservation management, outreach, and education has earned them ODFW's Landowner of the Year Award, "in recognition of their outstanding contribution to the Fish and Wildlife Resources of Oregon" in 1996.

Juniper woodlands and savannahs occupy over half of the ranch property. As these junipers continue to expand and increase in density, important big game forage will be reduced. Without treatment, eventually the shrub and grass communities will be replaced with late-seral juniper woodlands (phase III). These juniper woodlands have altered the hydrological function of Eagle Creek and many spring sites in the canyons have reduced water flows or dry up during the summer months.

Free standing water is still limited on some areas of the ranch. Forage use by both livestock and wildlife will be more optimally utilized if water sources can be evenly distributed on the ranch property. Surface spring developments have been done over the years. For areas that do not have spring development potential then it will be necessary to pipe the water by way of a ground well distribution system to additional locations.

The proposed project activities are to: cut 800 acres of juniper, install 5,280 feet of water line and one water trough, and provide access to and parking on the property for big game hunters for three seasons.

The Breeses have offered hunting opportunities to friends and family for many years. The Open Field program will provide hunting access to the general public “By Permission” for three hunting seasons, in 2017, 2018 and 2019.

Past History:

John and Lynne Breese have received two small A&H grants and one Open Fields grant for three years of online reservation hunting which ended in December 2015. This application is essentially a continuation of the previous contract although there has been one year of lapse.

The first grant was in 1994, titled *Dixie Meadow Upland and Riparian Improvement and Rehabilitation Project*. A&H funding was \$7,500 with total project costs of \$28,700. Project work included protecting a spring, seeding, aspen treatment, and juniper control.

The second grant was in 1997, titled *Dixie Meadow Riparian Improvement and Spring Rehabilitation Project*. A&H funding was \$3,000 with total project costs of \$6,500. Project work included development of a spring, planting shrubs, and juniper control.

The 2012 Open Fields grant was a comprehensive habitat project that included development of a well and 4 springs, repair of 50+ riparian head cuts, 50+ acres of juniper cutting, 12 miles of wildlife friendly fence construction, improvement of 3 roadbeds, and the opportunity for 44 hunters per year via reservation. This large grant was awarded because the Farm Service Administration, which administered Open Fields at the time, changed the timeline for funding distribution and left the A&H Program only three months to expend remaining grant funds. ODFW reached out to conservation-minded landowners in Central Oregon including the Dixie Meadow Company and Aspen Valley Ranch because of their long history of accomplishing beneficial habitat projects on time.



*Spring development*



*Juniper cut and riparian head cut before repair.*

The Open Fields grant provided a significant wildlife habitat benefit as well as a hunting opportunity where private lands are increasingly difficult to access. The landowners

demonstrated their remarkable ability to facilitate a large scale project under a very tight timeline.

The hunting access component of this project provided a unique opportunity for public hunting on private lands in the Ochoco WMU. The Dixie Meadow property provided a quality hunting experience in a safe, controlled environment for a total of 74 hunter use days. Marketing efforts for this property are particularly targeted toward youth/first time hunters, but anyone with an Ochoco tag is eligible to apply.



*Two of the bucks harvested on the ranch over the last few years.*



*An Open Fields hunter with his first buck ever.*

Project Objective(s):

(a) What is the objective of the proposed project?

First Objective: To improve and protect big game habitat in the Eagle Creek drainage by enhancing and preserving the herbaceous grasses, forbs, and shrub habitat, reduce erosion to riparian meadows, increase water distribution, improve big game movement, and restore hydrologic function to the ecosystem.

Second Objective: To offer recreational opportunity and provide private land access to big game hunting “By Permission” to the public.

(b) How will the project benefit wildlife habitat and/or public access?

These habitat treatments will improve and protect wildlife habitat, particularly big game habitat by restoring and preserving sagebrush steppe vegetation and riparian meadows, increase available drinking water for wildlife, and improve forage utilization by wildlife and livestock. The enhancement and development of these wildlife habitat treatments will allow big game and other wildlife to maximize available habitat for longer periods, provide critical fawning/calving and rearing areas, and to help evenly distribute many wildlife species.

Juniper trees use up available water and block sunlight from reaching the understory. Removing these juniper trees will provide more water, light, and nutrients for native bunchgrasses, forbs, and brush species that provide wildlife forage.

The water pipeline will take advantage of an existing well and water trough to maximize water availability and distribution for wildlife and cattle. Better cattle distribution will improve big game forage conditions on the ranch.

This property will provide access to big game hunters on a reservation basis to 5,835 acres (plus 640 acres of land locked BLM and State lands) for 3 hunting seasons, beginning with the 2017 season. Hunting will be allowed for pronghorn, deer, and elk. Each year, a total of 70 hunters will be allowed using an online reservation system. See “Procedures” section for details on hunting access.



*Elk photo taken on property 3/19/12.*

Many of the private properties in the Prineville/Paulina Valley area are large ranches that have been purchased in the last decade by absentee owners for personal recreation and big game hunting. This change in ownership has greatly reduced public hunting opportunities on lower elevation private lands. The Dixie Meadow project will offer quality hunting opportunities to the general public. This property is close to Prineville with available overnight camping/lodging in close proximity.

(c) If damage related, how will the project alleviate/eliminate the problem? N/A

#### Project Location:

Dixie Meadow Company is 12 miles east of Prineville on Hwy 380 (Post/Paulina Hwy). Property is on the north side of Hwy 380. See attached map.

#### Procedure:

##### Habitat:

A total of 800 acres of Phase II & III junipers will be felled and the limbs will be lopped and scattered. Lopping and scattering of the limbs will aid in infiltration during wet weather to protect the soils and also trap ground moisture to promote vegetation growth. Five to ten years after completion of this project, the landowners will burn the area. Many pre-settlement junipers on rocky ridges will be retained.

Juniper boles will be removed. Currently, logging costs exceed gross revenue. This grant will provide an opportunity to explore different techniques to make changes in logging. This

grant will be a buffer for the landowner to lower the extraction costs associated with producing useful products. The goal is to better understand the economics and logistics of juniper harvest, while helping spur a juniper economy in central Oregon. Development of a viable juniper market would produce a landscape level impact far greater than current programs can support. Hopefully this project would advance that initiative. It is important to note that no Open Fields funds would be used for this component of the project; the landowner will contribute all labor involved in the extraction of juniper boles.

Water will be piped approximately 1 mile from an existing well to one existing water trough and one new water trough (funded under this grant). The new trough will be of aluminum construction and contain a wildlife escape ramp. See map for location information. The landowners have installed several similar water developments on the property.



*Example of cut, lop, scatter juniper results on property.*



*10 years later following cutting, lopping, and scattering of juniper.*

**Hunting Access:**

This property will be made available to big game hunters by an online reservation system for “By Permission” hunting on 5,835 acres of private land for three hunting seasons, beginning with the 2017 season. A total of 70 hunters (213 hunter use days) will be permitted to hunt on this property in the 2017, 2018, and 2019 hunting seasons. Only 1 hunting party will be permitted access at any one time on the property. Hunting party size will be up to 2 mule deer or elk hunters and 1 pronghorn or youth hunter. A four or five day hunt can be reserved for the pronghorn hunters, 3 day hunts for mule deer and elk. See table below for hunting reservation details.

	# of Parties	Party Size	Days Per Party
Pronghorn Hunters	1	1	4/5
Rifle Deer Hunters	1	2	3
Rifle Elk Hunters	1	2	3
Youth Hunters	1	1	3

This property will be available for youth antlerless elk hunters through December 31<sup>st</sup>. Youth hunters must be accompanied by a parent or guardian that is 21 years or older. Hunters will park at designated parking areas and no vehicle travel will be permitted beyond the parking area. No overnight camping will be permitted. Due to concerns of fire season, hunting will not be permitted in August except for the pronghorn season. An on-line reservation system will be administered by ODFW Prineville Field Station.

Scheduling: What is the estimated project schedule?

- (a) Habitat Work Start Date: May 1, 2017  
Habitat Work Completion Date: December, 2018
- (b) Access Agreement Start Date: September 1, 2017  
Access Agreement End Date: December 31, 2017, 2018, and 2019
- (c) List major project activities and time schedule for each.

<u>Activity</u>	<u>Time (month/year)</u>
Juniper Treatment	May 2017 – December 2018
Piping and Trough installation	May 2017– December 2018
Prescribed burns	Fall 2022 – 2027

Participation: (Will other organizations participate in the project? If so, list and describe participation, and attach letters of commitment or verification of grant awards. You do not need to include individuals.)

<u>Participant</u>	<u>Activity</u>
ODFW Open Fields	Cut 800 acres of juniper. Install one mile of water pipe and one water trough.
Landowner	Remove large bole wood and scatter slash. Provide fire breaks and access trails for wildfire control.  Remove juniper slash from the treatment area via burning within 5-10 years.
ODFW Prineville	Administer hunting access program.

Funding:

- (a) List other sources and amount of project funds (include in budget on page 7).  
ODFW A&H - \$83,979 Landowner - \$99,200
- (b) Have any conditions been placed on the funds listed in (a) which may affect the completion of the project? If so, identify and explain.  
  
N/A

Project Maintenance and Monitoring:

- (a) Who will maintain the project and fund long-term maintenance and/or operation

if needed?

The landowner will assume long-term responsibility for project maintenance. ODFW Prineville Field Station personnel will provide assistance and monitoring as needed.

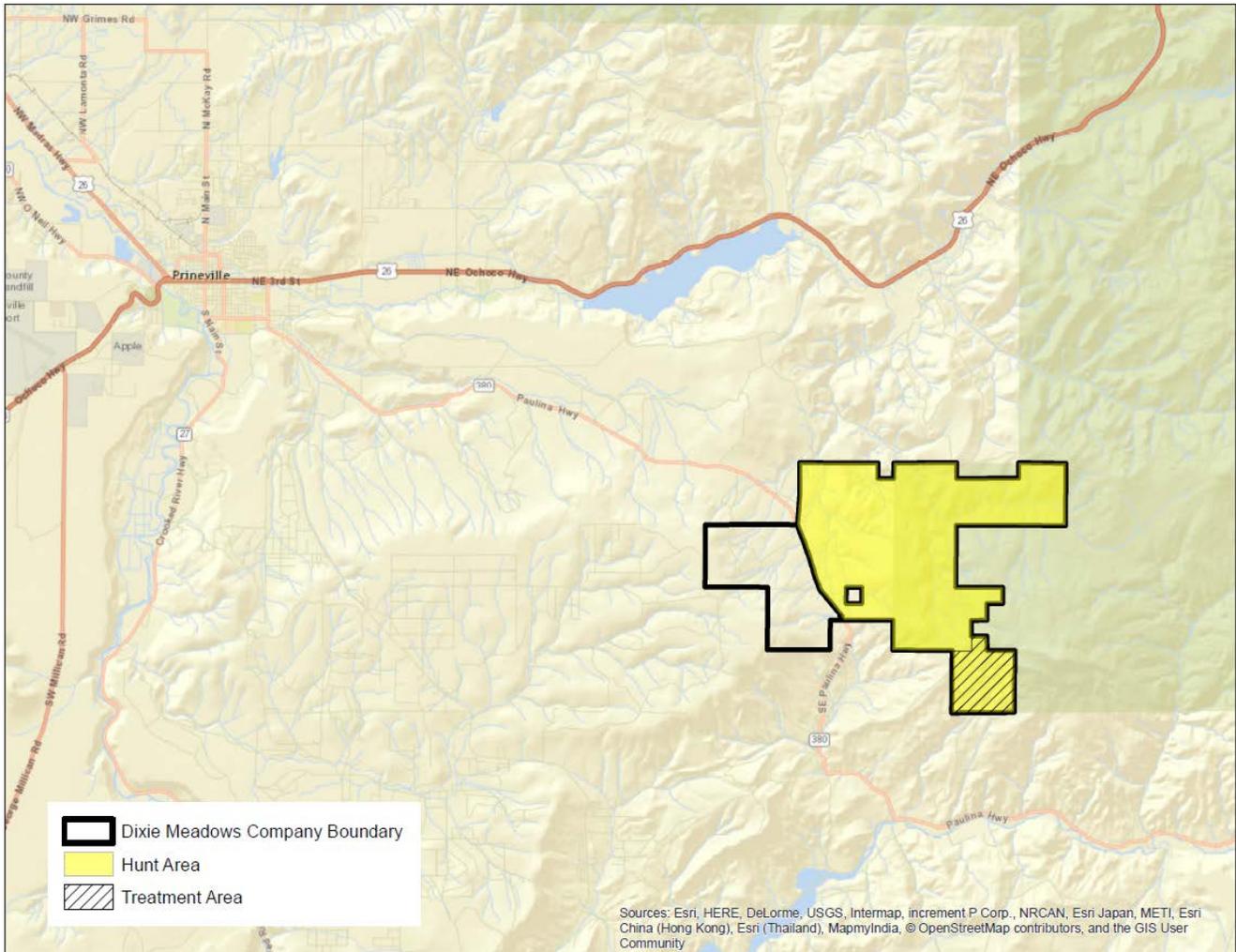
(b) What element(s) of the project will be monitored, how often, for how long?

The Dixie Meadow habitat project will be monitored by the landowner. The hunting access will be monitored by ODFW and the landowner for the 2017, 2018, and 2019 hunting seasons.

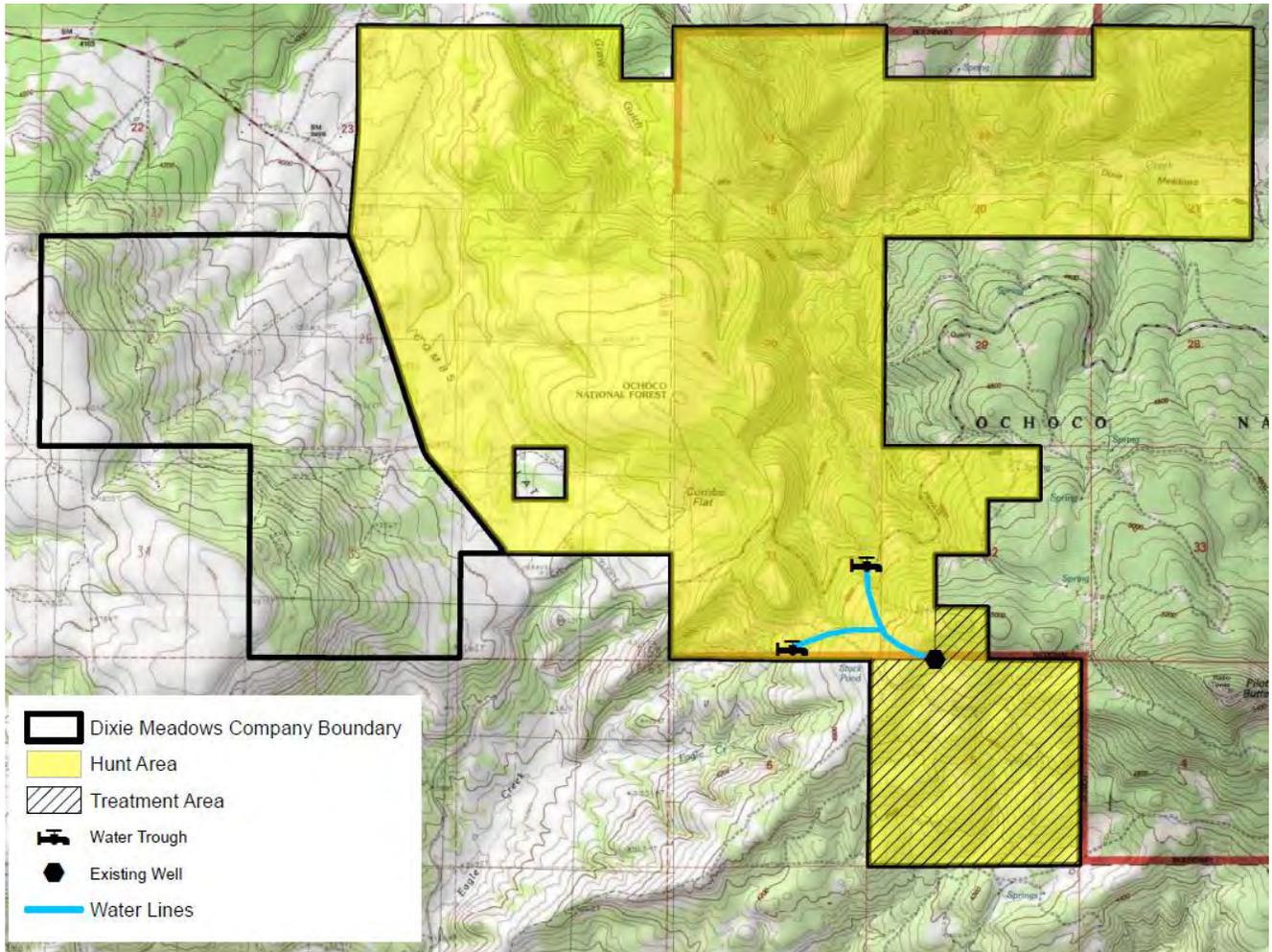
## Dixie Meadow Project Cost Estimates

	A&H	Landowner
<b><u>Adminstration</u></b>		\$4,000
<b><u>Juniper Treatment -800 acres</u></b>		
Juniper treatment, \$100/acre	\$80,000	\$72,000
Post treatment slash and bole removal (valued at \$90/ac)		
Post Treatment burning @ \$31.50/ac		\$25,200
<b><u>Water Line Development</u></b>		
Water line piping: 5,280 ft @ \$0.46/ft	\$2,429	
Aluminum water trough with wildlife escapement ramp	\$1,550	
<b><u>Total</u></b>	<b>\$83,979</b>	<b>\$101,200</b>

# Dixie Meadow Location Map



# Dixie Meadows 2017 Project Area Map



## Access and Habitat Program Project Evaluation Form



**Program Objective:** The Access and Habitat Program's motto, "Landowners & Hunters Together for Wildlife," conveys the program's basic mission to foster partnerships between landowners and hunters for the benefit of the wildlife they value. The program also seeks to recognize and encourage the important contributions made by landowners to the state's wildlife resource.

**Project Name:** Dixie Meadow 2017

**Project #:** \_\_\_\_\_

	Access Acres	Habitat Acres	Habitat Category:	2	Total Score:	22
"Welcome" Private	0	800	(range: 1-6; see flow chart on page 4. Not applicable to access-only projects)		Total Possible:	36
By-Permission Private	5,835					
Inaccessible Public*	0					
Accessible Public*	0					

Instructions:

Complete these sections

Project Type	General Criteria	Access Criteria	Habitat	Criteria
Access Only	X	X		
Habitat Only	X			X
Access & Habitat	X	X		X

Mark 1 point in the corresponding "Project Score" box for EACH criterion that is met. Example: for question 2, if partnerships include 4 sports groups, award points for the first 2 criteria. Do not mark more than 1 point per box. Point schedule is designed to weigh access-only and habitat-only projects equally.

Definitions:

**Inaccessible Public\*:** Access will be provided through private land to public land that is completely landlocked (surrounded) by private land, legally precluding public hunting access. Total area includes only public land within the boundary of private ownership.

**Accessible Public\*:** Access through private land will improve accessibility to public land. Public land may be extremely difficult to access otherwise, but is not legally surrounded by private land. Total area includes only public land that is closer (in linear distance) to the landowner's access point(s) than any other public access point.

\* Access to public land MUST be provided on a "Welcome to Hunt" basis

General Criteria

(mark a "1" in the "Project Score" box for EACH criterion that is met)

1. *Habitat Condition*

Score 1 point only if the property contains the resource in sufficient abundance/quality to support target species referenced in questions 11, 15, 16 and 19 (during at least one season of the year). For habitat projects, use the predicted future condition. Justify your score.

Project  
Score

Food:	Native grass, forb, and brush (including bitterbrush) species	1
Water:	Eagle Creek, Lawson Creek, numerous tributaries and springs	1
Cover:	Brush species and juniper, pine forest at higher elevation	1

2. *Partnerships*

Partners contributing financial or in-kind support:

1 or more Sports groups.....	
3 or more Sports groups.....	
Educational programs / non-governmental organizations.....	
Other government agencies or ODFW programs (i.e. OWEB, R&E).....	1

		Project Score
3. <i>Matching Funds</i>	Total matching funds (monetary and in-kind)	
	> 1% matching funds.....	1
	> 25% matching funds.....	1
	> 50% matching funds.....	1
4. <i>Damage</i>	Project would mitigate current damage to private property:	
	Wildlife damage occurring on private property.....	1
	Landowner participates in ODFW damage control programs.....	1
<b>General Total</b>		<b>9</b>
<i>General Possible</i>		<i>12</i>

**Access Criteria** - Applies to **private land** access that would be provided under the proposed project.  
(mark a "1" in the "Project Score" box for EACH criterion that is met)

5. <i>Public Land</i>	Project located in Wildlife Management Unit with <50% public land.....	<input type="text"/>
6. <i>Private access</i>	Private land access type:	
	Project would provide access to private land.....	1
	Private land access would be on a "Welcome to Hunt" basis.....	<input type="text"/>
7. <i>Public access</i>	Access through <b>private</b> lands would:	
	improve access to public land.....	1
	provide access to otherwise inaccessible public land.....	1
8. <i>Special Access</i>	Project would provide special youth or disabled hunter access opportunities.....	<input type="text"/>
9. <i>Species Permitted</i>	Species groups include big game, waterfowl, upland birds, turkey, and predators/varmints.	
	2+ species groups available and permitted.....	<input type="text"/>
	4+ species groups available and permitted.....	<input type="text"/>
10. <i>Under-rep. Species*</i>	Project provides access to under-represented species in the watershed.....	<input type="text"/>
11. <i>Harvest Restriction</i>	Landowner would not restrict sex or species permitted for lawful harvest.....	<input type="text"/>
12. <i>Season Restriction</i>	Landowner would not restrict access to any hunting season(s).....	<input type="text"/>
13. <i>Dispersion</i>	Property would provide access to animals pushed off of publicly accessible land during hunting season.....	<input type="text"/>
<b>Access Total</b>		<b>3</b>
<i>Access Possible</i>		<i>12</i>
<b>Payment Fee Total</b>		

\* lists of under-represented species will be created by A&H state coordinator and approved by A&H Board

**Habitat Criteria**

(mark a "1" in the "Project Score" box for EACH criterion that is met)

Project  
Score

14. Department Priorities Project is located within target area and will benefit target species identified in any of these Department programs: Mule Deer Initiative, Sage Grouse Initiative, Black-tailed Deer Plan Implementation..... 1

15. Location importance: Applies to species that the habitat work will benefit. Question structured to equally weigh big game and game bird projects - score "1" if either item in each bracket is true:

{ Area populations < 90% of management objective (deer and elk).....  
or:  
Project will increase wintering populations of upland birds/waterfowl..... 1

{ Area populations < 75% of management objective (deer and elk).....  
or:  
Project will increase breeding populations of upland birds/waterfowl..... 1

16. Conservation Strategy Project addresses Oregon Conservation Strategy (OCS) concerns:  
Project action benefits Strategy Habitat or Strategy Species..... 1  
[above] **AND** action occurs in Conservation Opportunity Area (COA)..... 1

17. Critical Habitat Applies to the specific GAME habitat that the project will maintain or enhance. Use accompanying flow chart and definitions to determine habitat category. Definitions are slightly amended from OAR Division 415 to be game-specific.

Project meets requirements of Habitat Categories 1-4..... 1  
Project meets requirements of Habitat Categories 1-2..... 1

18. Habitat Connectivity Project will help facilitate local animal movement (fence removal, etc.).....   
Project will help establish or maintain a wildlife habitat corridor or otherwise reduce fragmentation on landscape level.....

Description of habitat connectivity benefit (required):  
\_\_\_\_\_  
\_\_\_\_\_

19. Habitat Impact Describes the predicted impact that the project will have on the habitat. Habitat work must benefit game species.

Project will increase the habitat quantity/quality >25% per unit treated..... 1  
Project will increase the habitat quantity/quality >50% per unit treated..... 1

Description of habitat impact:  
\_\_\_\_\_  
Bunch grasses, forbs, and brush species will provide 2x the wildlife forage in juniper cuts  
\_\_\_\_\_  
Succession will be set back in burns, providing much more forage in a few years  
\_\_\_\_\_

20. Population Impact Describes the predicted impact that habitat improvements (excluding external variables such as weather, etc.) will have on game species on the project site. Provide estimates for all targeted species.

Local abundance of at least one targeted game species should increase >25%..... 1

Estimated Abundance				
Species	Pre-treatment	Post-treatment	Habitat Total	
mule deer	100	150	<i>Habitat Possible</i>	12
			<b>Grand Total</b>	<b>22</b>
			<i>Total Possible</i>	36

21. Miscellaneous Describe other project details that may help with prioritization or fee assessment (i.e. current market value of similar hunting leases in the vicinity)..... *NO POINTS*

\_\_\_\_\_  
This is a great project helping with very conservation-minded landowners to improve wildlife habitat  
\_\_\_\_\_  
This project may help spur a juniper economy, providing a domino effect with other landowners.  
\_\_\_\_\_

## Access and Habitat Project Evaluation - Appendix

### Under-represented Species

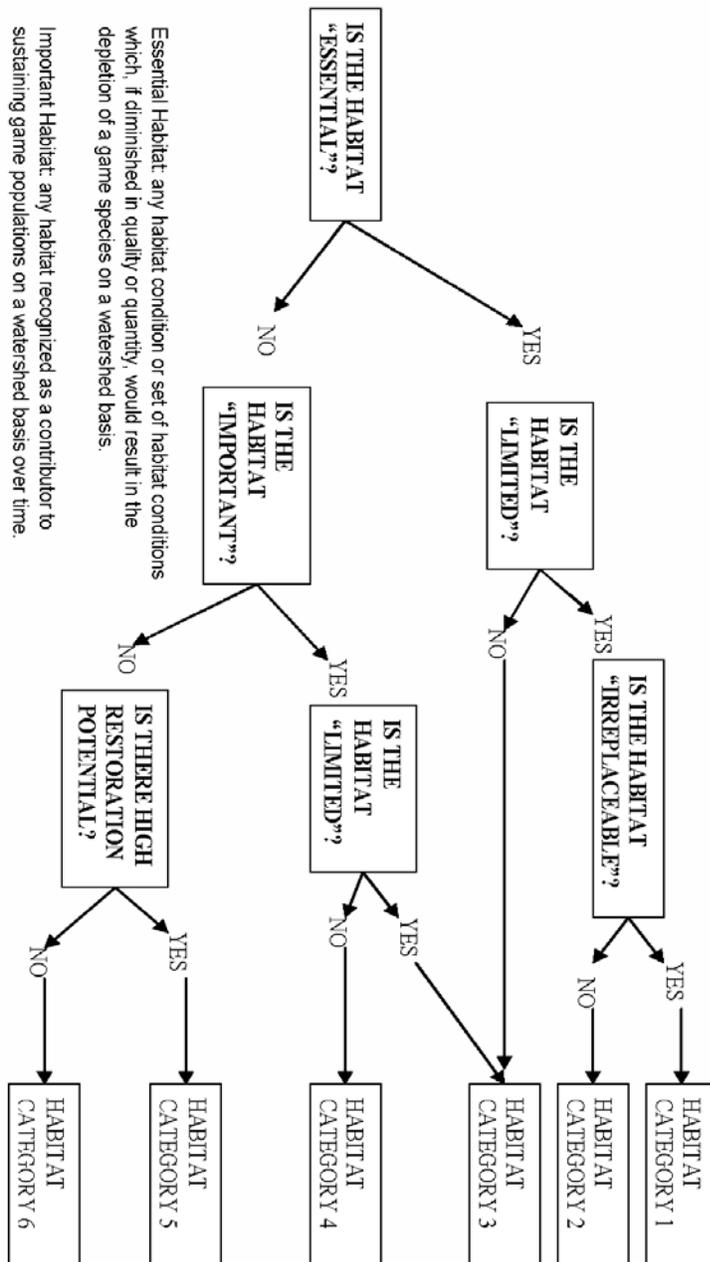
**Definition:** game species that exist in the watershed district in huntable numbers, but that the general public does not have reasonable hunting access to (via public land, current A&H properties, etc.)

Watershed	Species
Malheur	pheasant, waterfowl, turkey
South Willamette	waterfowl, turkey, valley quail
North Coast	predators, waterfowl
Grande Ronde	upland game birds
Rogue	dove, waterfowl

Watershed	Species
Deschutes	waterfowl, valley quail, chukar, dove
John Day	upland game birds
Umpqua	waterfowl, dove, turkey
Klamath	waterfowl, quail
North Willamette	waterfowl

### A&H Habitat Category Flow Chart

Note: These definitions have been amended from OAR Division 415 to be game-specific and applied on a watershed basis. Habitat Category designations made on this Evaluation Form are for Access & Habitat Program use only, and do not have any legal implications associated with OAR 415.



Essential Habitat: any habitat condition or set of habitat conditions which, if diminished in quality or quantity, would result in the depletion of a game species on a watershed basis.

Important Habitat: any habitat recognized as a contributor to sustaining game populations on a watershed basis over time.

Limited Habitat: an amount of habitat insufficient or barely sufficient to sustain game populations on a watershed basis over time.

Irreplaceable Habitat: successful in-kind habitat mitigation to replace lost habitat quantity and/or quality is not feasible within an acceptable period of time or locations, or involves an unacceptable level of risk or uncertainty, depending on the habitat under consideration and the game populations that are affected. "Acceptable", for the purpose of this definition, means in a reasonable time frame to benefit the affected game species.

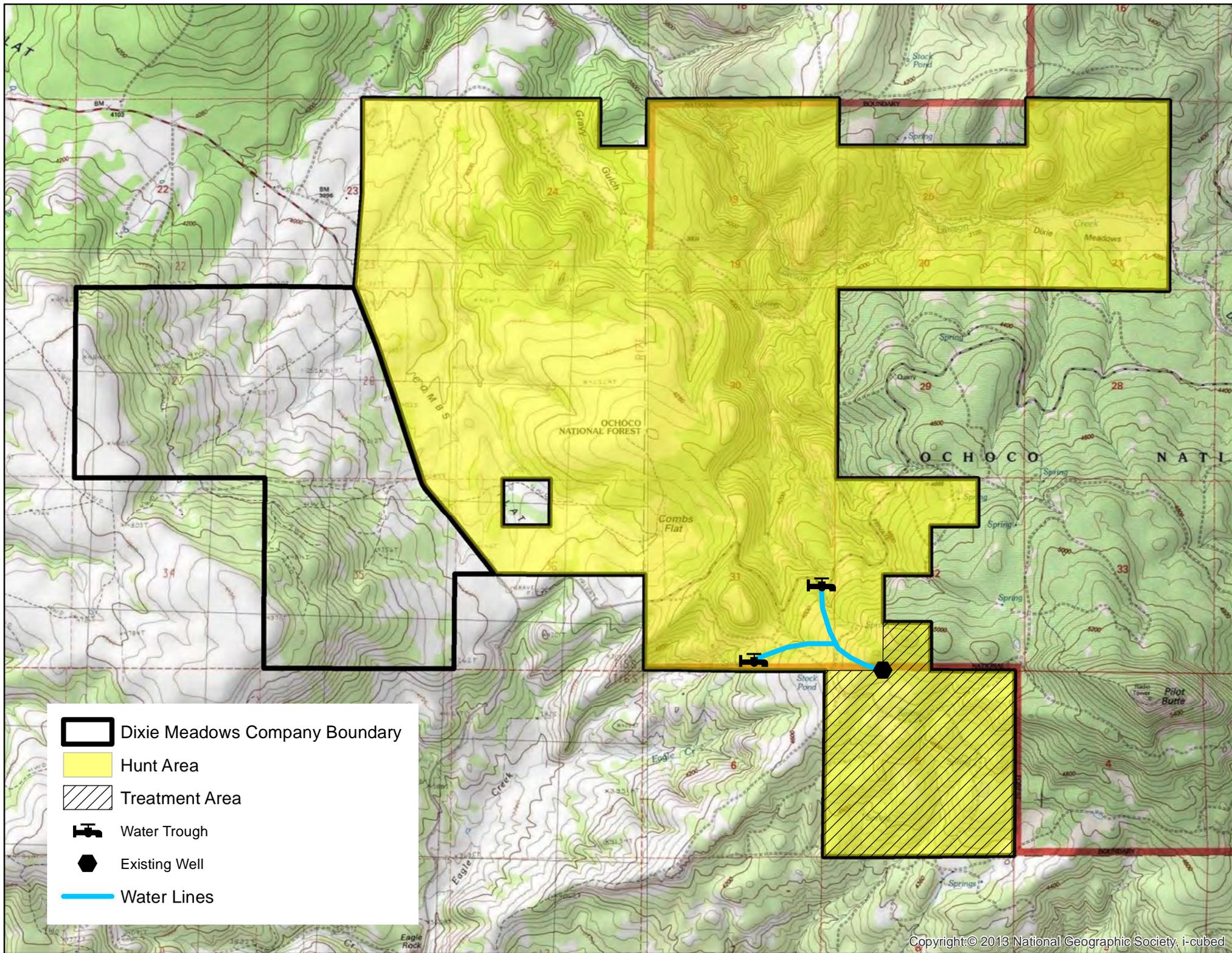
### Payment Tables

**Table 1: Proposed Per-acre Access Payment**

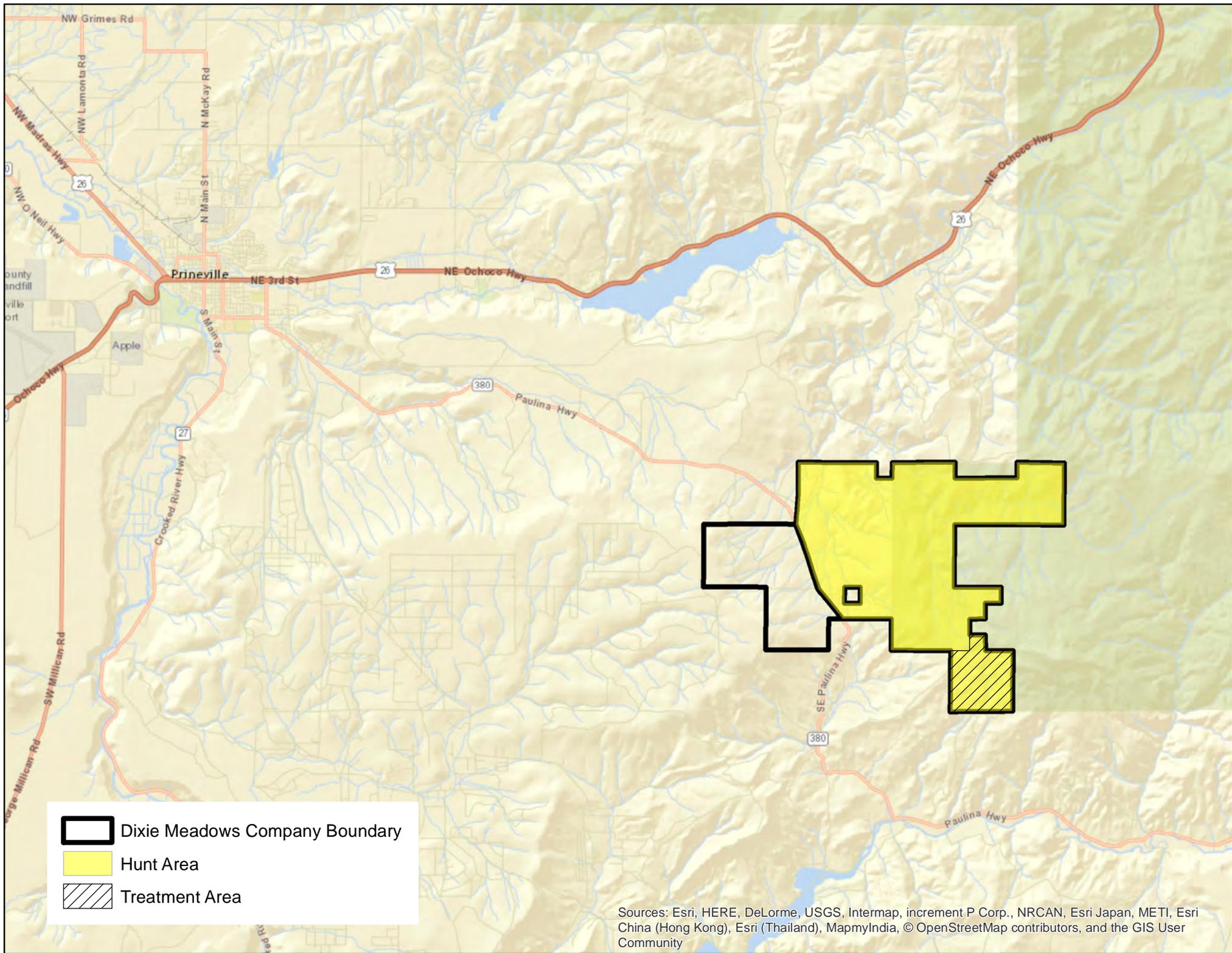
Total Score:	Private Welcome to Hunt (\$/acre)	Private By- Permission (\$/acre)	Inaccessible public land (\$/acre)	Accessible public land (\$/acre)
	100%	60%	40%	20%
1-3:	\$0.60	\$0.36	\$0.24	\$0.12
4-6:	\$1.20	\$0.72	\$0.48	\$0.24
7-9:	\$1.80	\$1.08	\$0.72	\$0.36
10-11:	\$2.40	\$1.44	\$0.96	\$0.48
12-13:	\$3.00	\$1.80	\$1.20	\$0.60

**Table 2: Proposed Total Access Payment Calculator**

Access Type	Score	\$/Acre	Acres	Payment
Private Welcome	#REF!	#REF!	0	#REF!
Private Permission	#REF!	#REF!	5,835	#REF!
Inaccessible Public	#REF!	#REF!	0	#REF!
Accessible Public	#REF!	#REF!	0	#REF!
<b>Total Payment:</b>				<b>#REF!</b>



-  Dixie Meadows Company Boundary
-  Hunt Area
-  Treatment Area
-  Water Trough
-  Existing Well
-  Water Lines



-  Dixie Meadows Company Boundary
-  Hunt Area
-  Treatment Area

Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), MapmyIndia, © OpenStreetMap contributors, and the GIS User Community