

*APPENDIX A*  
*COORDINATION/CORRESPONDENCE*





## **Mailing List**



U.S. Senator Jim Inhofe  
1924 S. Utica  
Suite 530  
Tulsa, OK 74104

U.S. Senator Tom Coburn  
401 South Boston, Suite 3310  
Tulsa, OK 74103

U.S. Representative John Sullivan  
2424 E. 21<sup>st</sup> St.  
Suite 510  
Tulsa, OK 74114

U.S. Representative Frank Lucas  
720 South Husband  
Suite 7  
Stillwater, OK 74075

Senator J. Berry Harrison  
State Capitol  
2300 North Lincoln Blvd., Rm. 517-C  
Oklahoma City, OK 73105

Senator John W. Ford  
2300 N. Lincoln Blvd., Rm 512  
Oklahoma City, OK 73105

Senator Randy Brogdon  
2300 N. Lincoln Blvd., Rm. 527-A  
Oklahoma City, OK 73105

Representative Steve Martin  
2300 N. Lincoln Blvd., Rm. 528-B  
Oklahoma City, OK 73105

Representative Mike Wilt  
2300 N. Lincoln Blvd., Rm. 400-B  
Oklahoma City, OK 73105

Representative Joe Sweeden  
State Capitol  
2300 North Lincoln Blvd., Rm. 434  
Oklahoma City, OK 73105

Mr. Tom Clapper  
Oklahoma State Senate  
Federal Action Monitor  
Room 310, State Capitol  
Oklahoma City, OK 73105

Mr. Michael Jansky  
Office of Planning and Coordination  
U. S. Environmental Protection Agency  
1445 Ross Ave., Suite 1200  
Dallas, TX 75202

Mr. Jerry Brabander  
Field Supervisor  
U.S. Fish & Wildlife Service  
222 South Houston, Suite A  
Tulsa, OK 74127

Mr. Bobby Jack Jones  
Natural Resources Conservation Service  
Agriculture Center Office Bldg.  
Farm Road & Brumley Street  
Stillwater, OK 73074

Ms. Kathy Peter  
District Chief  
U.S. Geological Survey  
202 NW 66<sup>th</sup>  
Oklahoma City, OK 73116

Mr. Greg D. Duffy  
Director  
Oklahoma Department of Wildlife  
Conservation  
1801 N. Lincoln  
Oklahoma City, OK 73152

Mr. Steve Thompson  
Executive Director  
Oklahoma Department of Environmental  
Quality  
P.O. Box 1677  
Oklahoma City, OK 73101-1677

Mr. Duane Smith  
Director  
Oklahoma Water Resources Board  
3800 N. Classen Blvd.  
Oklahoma City, OK 73118

Mr. Ken Morris, C.F.M.  
State Floodplain Manager  
Oklahoma Water Resources Board  
3800 N. Classen  
Oklahoma City, OK 73118

Mr. Ian H. Butler  
Oklahoma Natural Heritage Inventory  
Oklahoma Biological Survey  
111 E. Chesapeake Street  
Norman, OK 73019-0575

INCOG  
Attn: Eugene Edward  
201 West 5<sup>th</sup> St., Suite 600  
Tulsa, OK 74103

Dr. Robert L. Brooks  
University of Oklahoma  
Oklahoma Archeological Survey  
111 E. Chesapeake  
Norman, OK 73019-0575

Dr. Bob Blackburn  
State Historic Preservation Officer  
Oklahoma Historical Society  
2704 Villa Prom, Shepherd Mall  
Oklahoma City, OK 73107

Mr. Gary McAdams, President  
Wichita and Affiliated Tribes of Oklahoma  
P. O. Box 729  
Anadarko, OK 73005

Cherokee Nation of Oklahoma  
P.O. Box 948  
Tahlequah, OK 74465

Osage Nation of Oklahoma  
627 Grandview Avenue  
Pawhuska, OK 74056

Mr. John Berrey, Chairman  
Quapaw Tribe of Oklahoma  
P.O. Box 765  
Quapaw, OK 74363

Kaw Indian Tribe of Oklahoma  
Drawer 50  
Kaw City, OK 74641

Ms. Margaret Ruff  
Administrative Director  
Oklahoma Wildlife Federation, Inc.  
P.O. Box 60126  
Oklahoma City, OK 73146

Mr. Tim Grogan  
State Director, Oklahoma Chapter  
The Nature Conservancy  
2727 East 21<sup>st</sup> St., Suite 102  
Tulsa, OK 74114

Mr. George Brenner  
Chair, Green Country Sierra Club  
3941 E. 37<sup>th</sup> Pl.  
Tulsa, OK 74135

Mr. John Kennington  
President, Tulsa Audubon Society  
P.O. Box 2476  
Tulsa, OK 74101

Tulsa World  
World Publishing Company  
318 Main Mall  
Tulsa, OK 74103

Barnsdall Times  
117 N. 5<sup>th</sup>  
Barnsdall, OK 74002

Bartlesville Examiner-Enterprise  
4125 Nowata Rd.  
Bartlesville, OK 74006

Skiatook Journal  
500 W. Rogers  
Skiatook, OK 74070

## **Public Involvement**





U.S. Army Corps of Engineers  
Tulsa District

US Army Corps  
of Engineers.

PUBLIC SCOPING MEETING  
ENVIRONMENTAL ASSESSMENT  
FOR  
U.S. ARMY CORPS OF ENGINEERS  
CANDY LAKE LAND TRANSFER PROJECT  
SEPTEMBER 23, 2003

	Name (Please Print)	Address (Mailing)	Representing
1	Paul Lemley	RR1 Box 115 Carnsdall, Okla	Paul Lemley
2	J.F. Murphy	R.F.D. # BOX 171	SHIDLER OKLA
3	Francis Murphy	RR1 Box 210 Shidler OK 74652	Murphy Ranch
4	Nami Fildston	Rt 1 Box 498 Bernadell 74002	Land owner
5	Arance Brawley	1125 W MAIN PAWUSKA OK 74056	County Comm Osage County



	Name (Please Print)	Address (Mailing)	Representing
6	Lewis Robert Luther Ford	P.O. Box 133 Ramona, OK 74061	SELF
7	Brenda Carter	213 Cedar Lane Hominy, OK. 74035	father
8	Chester Thornton	404 S. Wood Hominy, OK 74035	self
9	Loyd HENSON	Barnsdall, OK 74002	SELF
10	W.R. Ferguson	15349 LAKE RD SKIATAOK	Self
11	Glen Magee	116 N QUANT AVE	Self
12	Jim & Phyllis Sims	Box 157 Okmulgee OK 74051	Self (Henson)



	Name (Please Print)	Address (Mailing)	Representing
13	Opal (Kohlmeier) White	SKIA TOOK, OK. 74070 727 E. 166 <sup>th</sup> St. N.	self
14	Michael Zschlach	74076 1831 E 176 St. N. SKIA TOOK OK	Self
15	Lyle Kohlmeier	74002 RT 1 Box 170 BARNSDALL OK	Self
16	J.A. Murrie	74070 RT 1 Box 231 SKIA TOOK OK	R. W. GLASCO
17	W.R. Morrison	74002 Rt # Box 304 Barnsdall, OK	Myself
18	Joni B. Askew	RR 1 Box 301 Barnsdall	Kim Adams
19	Alberte Cutchfield	Box 174 Okelata	



US Army Corps  
of Engineers.

U.S. Army Corps of Engineers  
Tulsa District

	Name (Please Print)	Address (Mailing)	Representing
20	LEESA LEESON PARKER	74037 1013 N FIR JENKS OK	Leeson
21	MAXINE LEESON	SKIATOOK 40770 N. 3960 RD.	Leeson
22	Allen Leeson	40770 N 3960 RD	Leeson
23	Richard Stark	222 S. Houston Ave Tulsa, OK 74127	U.S. Fish + Wildlife Service, Region 2
24	Karyn Hoffman	11409 E. 101st St. N. Owasso, OK 74055	Kohlmeier
25	JERRY MORRIS	401 S. Boston, Suite 3310 Tulsa, OK 74103	US SENATOR DON NICKLES
26	CURT PRICE	1924 S. UTICA, SUITE 530 TULSA, OK 74104-6511	US SEN. JIM INHOFE



US Army Corps  
of Engineers.

U.S. Army Corps of Engineers  
Tulsa District

	Name (Please Print)	Address (Mailing)	Representing
27	Martin Tucker	Rt 2. Box 59-D <sup>Skiatook</sup> 74070	Self
28	Dudley Whitehorn	304 S. Wood Henry	Osage Nation
29			
30			
31			
32			
33			



US Army Corps  
of Engineers.

# Candy Lake Land Transfer Project Barnsdall, Oklahoma Question, Comments, or Suggestions

The Corps of Engineers is interested in addressing your concerns and questions regarding this study. The Corps encourages suggestions as well. Your input is an important part of the Corps study process. Please write your question, comment, or suggestion on the space provided below. If you would like to be kept informed about this study please provide your name and address. Feel free to use the back of this form or add pages if needed. You may also take this form with you and return it to the address below.

Mr. David L. Combs:

We understand in a former meeting we can select  
an appraiser in case we are not satisfied with  
your appraisal.

The land is only good for ranching purposes because  
"a water tap" is not available. We bought the land for  
ranching and had completely fenced it with T posts and  
5 wire fence. The fences are torn down and our hay meadow  
plowed up. We built a cattle pond.

We want to know the depth & thickness of the water table.  
Will there be sufficient water for a household?

Optional Information: We would like to be kept informed of further development.  
Thank you.

Name: Harvey Littleton & Naomi Littleton Affiliation: \_\_\_\_\_  
Address: RP1 Box 498 City: Barnsdall State: OK  
Zip: 74002 Phone: 918-336-1376 E-mail: nglitt@bartnet.net

Point of Contact :

Mr. David L. Combs

U.S. Army Corps of Engineers, Tulsa District  
1645 S. 101<sup>st</sup> East Avenue ATTN: CESWT-PE-E  
Tulsa, OK 74128-4629 Phone: 918-669-7660  
e-mail: David.L.Combs@usace.army.mil



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*My Opinion is to leave the land, as is, with the  
Corps of Engineers. Leave it to the Original owners until  
such time as the government will approve the  
building of the Lake. Give the indians royalties from  
Water usage, instead of oil royalties. The existing oil  
wells are not being pumped now anyway.*

*A lake would provide water for the existing Water  
Districts in the area. Some of the Districts are now using  
all the allotted amounts from the existing lake.*

*please consider this option. Thank you.*

*Also Flood Control for Bird Creek and Highway 11 and 20*  
Optional Information:

Name: Michael Eschbach Affiliation: Owner  
Address: 1831 E 124th N City: Skiatook State: OK  
Zip: 74070 Phone: - E-mail:

Point of Contact :

Mr. David L. Combs

U.S. Army Corps of Engineers, Tulsa District  
1645 S. 101<sup>st</sup> East Avenue ATTN: CESWT-PE-E  
Tulsa, OK 74128-4629 Phone: 918-669-7660  
e-mail: David.L.Combs@usace.army.mil



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DEAR SIR

THE LAND IS ALREADY USED AS PUBLIC HUNTING.  
 WHY NOT TURN IT OVER TO TALL GRASS PRAIRIE OR  
 SOME OTHER ENTITY THAT WILL KEEP IT TOGETHER IN  
 ONE PIECE. AT SOME POINT IN TIME PERHAPS  
 THE OIL WILL BE LESS THAN WHAT WATER USAGE WILL BE  
 I STILL THINK THE SAVINGS DOWN STREAM WITH  
 FLOOD CONTROL & SALE OF WATER WOULD BE WORTH  
 MORE TO THE INDIANS & PEOPLE OF THE AREA  
 THAN OIL WILL BE. WHEN THAT TIME COMES  
 IT COULD BE REACQUIRED MUCH EASIER.

THANK YOU

Optional Information:

Name: JOE ECKHART Affiliation: \_\_\_\_\_  
 Address: 1407 E 176TH City: SKIATOOK State: OK  
 Zip: 74070 Phone: \_\_\_\_\_ E-mail: FLETJE@AOL.COM

Point of Contact :

Mr. David L. Combs

U.S. Army Corps of Engineers, Tulsa District  
 1645 S. 101<sup>st</sup> East Avenue ATTN: CESWT-PE-E  
 Tulsa, OK 74128-4629 Phone: 918-669-7660  
 e-mail: David.L.Combs@usace.army.mil



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*We would like to see the Corp. retain ownership of the property and continue leasing the property back to the old land owners. Continue this relationship until such time that the lake can and would be built. We have an interest in the lake as water rights possibilities with Oklahoma Water Resources and as everybody knows water is a precious resource.*

*Please consider this as an option.*

*Thank You.*

### Optional Information:

Name: Jerry Gammill Affiliation: Washington Co. Rural Water District #3  
Address: P.O. Box 70 City: Collinsville State: OK  
Zip: 74021 Phone: 918 - 371-2055 E-mail: \_\_\_\_\_

### Point of Contact :

**Mr. David L. Combs**

**U.S. Army Corps of Engineers, Tulsa District  
1645 S. 101<sup>st</sup> East Avenue ATTN: CESWT-PE-E  
Tulsa, OK 74128-4629 Phone: 918-669-7660  
e-mail: David.L.Combs@usace.army.mil**



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My 2 main concerns are that  
the land be sold back the owners  
or heirs and that the sell price should  
be what was paid to the original owners.  
Not today's fair market value.

The reason it should not be fair market  
value is because the land is not in the  
same condition as it was when it was sold.

It is all over grown, fences are in disrepair  
and roads are impassable. It would cost →

### Optional Information:

Name: Karyn Hoffman Affiliation: Kohlmeier Property  
Address: 11409 E. 101st St N. City: Owasso State: OK  
Zip: 74055 Phone: 918-272-1558 E-mail: \_\_\_\_\_

### Point of Contact :

Mr. David L. Combs

U.S. Army Corps of Engineers, Tulsa District  
1645 S. 101<sup>st</sup> East Avenue ATTN: CESWT-PE-E  
Tulsa, OK 74128-4629 Phone: 918-669-7660  
e-mail: David.L.Combs@usace.army.mil

So much to get the land back  
in living/farming condition. This fact  
should be taken into consideration  
when a sell price is decided.

Abstracts?

Optional Information:  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Point of Contact: \_\_\_\_\_  
Mr. David L. Combs  
U.S. Army Corps of Engineers, Tulsa District  
1615 S. 101st East Avenue, STE. C25W1-P-1  
Tulsa, OK 74128-6029 Phone: 918-466-7600  
e-mail: David.L.Combs@usace.army.mil



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# Candy Lake Land Transfer Project Barnsdall, Oklahoma Question, Comments, or Suggestions

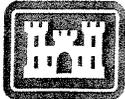
The Corps of Engineers is interested in addressing your concerns and questions regarding this study. The Corps encourages suggestions as well. Your input is an important part of the Corps study process. Please write your question, comment, or suggestion on the space provided below. If you would like to be kept informed about this study please provide your name and address. Feel free to use the back of this form or add pages if needed. You may also take this form with you and return it to the address below.

*I will be concerned about what the price will be, when it will be available and I would like to receive all information as it progresses. If I am deceased before the sales are finalized will my children be able to purchase as our heirs. Also has our "Kohlmeyer" land been declared overflow or "flood land."*

### Optional Information:

Name: MRS. DPAI (Kohlmeyer) White Affiliation: PREVIOUS OWNER *Kohlmeyer Property*  
Address: 727 E. 166<sup>th</sup> St. N. City: SKIA TOOK State: OK.  
Zip: 74070 Phone: 596-1310 E-mail: \_\_\_\_\_

Point of Contact :  
Mr. David L. Combs  
U.S. Army Corps of Engineers, Tulsa District  
1645 S. 101<sup>st</sup> East Avenue ATTN: CESWT-PE-E  
Tulsa, OK 74128-4629 Phone: 918-669-7660  
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Has groundwater elevation been determined?  
Is there stratigraphic data?

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Optional Information:

Name: Lewis Rutherford Affiliation: landowner  
Address: PO Box 183 City: Ramona State: OK  
Zip: 74061 Phone: - E-mail:

Harry Littleton  
Route 1 Box 498  
Barnsdall OK  
74002

Point of Contact :  
Mr. David L. Combs  
U.S. Army Corps of Engineers, Tulsa District  
1645 S. 101<sup>st</sup> East Avenue ATTN: CESWT-PE-E  
Tulsa, OK 74128-4629 Phone: 918-669-7660  
e-mail: David.L.Combs@usace.army.mil



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I am interested in the  
land that belonged to Floyd  
Lemley. I am interested in  
the price.

Optional Information:

Name: Paul J. Lemley Affiliation: Floyd Lemley  
Address: RR 1 Box 115 City: Barnsdall State: Okla.  
Zip: 74002 Phone: 817-2263 E-mail: \_\_\_\_\_  
198

Point of Contact :

Mr. David L. Combs

U.S. Army Corps of Engineers, Tulsa District  
1645 S. 101<sup>st</sup> East Avenue ATTN: CESWT-PE-E  
Tulsa, OK 74128-4629 Phone: 918-669-7660  
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I would like to know the APPRAISAL  
for the two Kohlmeier properties.

IT is my understanding that this  
should be public information: per the  
Public Information ACT.

Kyle Kohlmeier

### Optional Information:

Name: Kyle Kohlmeier Affiliation: HEIR  
Address: RT 1 Box 170 City: BARNSDALL State: OK  
Zip: 74002 Phone: 918-877-3506 E-mail: Kyle KP@ATTG.net

### Point of Contact :

Mr. David L. Combs

U.S. Army Corps of Engineers, Tulsa District  
1645 S. 101<sup>st</sup> East Avenue ATTN: CESWT-PE-E  
Tulsa, OK 74128-4629 Phone: 918-669-7660  
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1. What was the last  
appraisal of the Lason  
property  
Trac 108  
trac 108 E-1, E2 + E3  
Of Osage Co.

Is this not public information  
on the Public Inf Act -  
freedom Inf Act

Optional Information:

Name: Marie Lason Affiliation: owner Alberta Lason Crutchfield  
Address: Pt 1 Box 192 City: Shistorok State: OK  
Zip: 74070 Phone: 918-376322 E-mail: \_\_\_\_\_

Point of Contact :  
Mr. David L. Combs  
U.S. Army Corps of Engineers, Tulsa District  
1645 S. 101<sup>st</sup> East Avenue ATTN: CESWT-PE-E  
Tulsa, OK 74128-4629 Phone: 918-669-7660  
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My concerns are so numerous I can't begin  
to tell them all.

I guess my main concern is that the  
appraisals are going to be too high for anyone  
to afford the property.

My second concern is that this has went on  
so long I would like to get this put  
behind us one way or the other.

**Optional Information:**

Represent Henry + Wima Kohlmeier owners

Name: Kyle Kohlmeier Affiliation: HEIR  
 Address: RT 1 Box 170 City: Barnsdall State: \_\_\_\_\_  
 Zip: 74002 Phone: 918-847-3506 E-mail: Kyle.k@attg.net

Point of Contact :

**Mr. David L. Combs**

U.S. Army Corps of Engineers, Tulsa District  
 1645 S. 101<sup>st</sup> East Avenue ATTN: CESWT-PE-E  
 Tulsa, OK 74128-4629 Phone: 918-669-7660  
 e-mail: David.L.Combs@usace.army.mil

Ronald E Hazelwood  
23591 N. 4020 Road  
Bartlesville, OK  
74006  
918-333-3559

- (1) Needs to be offered to original landowners
  - (2) Price needs to be comparable to original price owners received.
  - (3) Wants to buy it back.
- Wants comments for record
  - Wants on mailing list for all other documentation or announcements (ie, EA)

Jim Bond

*RAYMOND W. GLASCO*  
*Route 1 Box 231*  
*Skiatook, OK 74070*

October 1, 2003

Mr. David L. Combs  
U.S. Army Corps of Engineers, Tulsa District  
1645 S. 101 St. East Avenue  
Tulsa, Ok 74128-4629

Attn: CESWT-PE-E

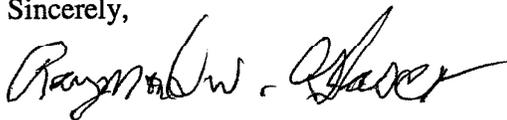
Mailed Via Registered Mail

Dear Sir:

I, Raymond Glasco, am the former owner of 530.65 acres of land in the Candy Creek Lake project. I still own approximately 1,475 acres that adjoins the Corp owned land. Attached is a stipulation agreement dated November 2, 1979. In the agreement the Corp agrees to build 3.80 miles of pasture fence. This fence has not been built to date. I have an ongoing problem with hunters and fisherman trespassing on my ranch lands since there is no fence to mark the boundary between the Corp land and my land.

I would like to know your proposed time table to build the fence as agreed to in the 1979 agreement.

Sincerely,



Raymond Glasco



## **Coordination and Correspondence**





DEPARTMENT OF THE ARMY  
TULSA DISTRICT, CORPS OF ENGINEERS  
1645 S. 101<sup>ST</sup> EAST AVENUE  
TULSA, OKLAHOMA 74128-4629

REPLY TO  
ATTENTION OF

November 12, 2003

Planning, Environmental, and Regulatory Division

SUBJECT: Environmental Assessment for Proposed Candy Lake Land Transfer,

Oklahoma Department of Wildlife Conservation

Attn: Greg Duffy, Director

P.O. Box 53465

Oklahoma City, Oklahoma 73152-3465

Dear Mr. Duffy,

The U.S. Army Corps of Engineers, Tulsa District, intends to prepare an Environmental Assessment (EA) for the Candy Lake Land Transfer Project. The Corps will offer to return 26 tracts of land, originally purchased to create a multi-purpose flood control reservoir, to the previous landowners, and their descendents, at Fair Market Value. If the previous landowners do not have an interest in the tracts of land, the parcels will be processed through Federal screening. Attached is a map illustrating the approximate project location and project boundaries. The EA will evaluate the potential impacts of transferring this land to private ownership.

We are currently in the process of gathering the most current information available regarding Federally and state listed species potentially occurring within the vicinity of the project site. We respectfully request that your agency provide a list of the protected species that may occur within or near the site. We also request a description of the sensitive resources (e.g., rare or unique plant communities) that you believe may be affected by the proposed project. Any information you may have regarding critical habitat areas for these species would also be greatly appreciated.

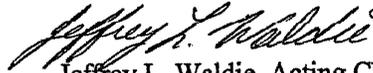
The Corps conducted a public scoping meeting to solicit input from the general public. The scoping meeting was held on September 23, 2003 at the Barnsdall Elementary School.

We also intend to provide your agency with a copy of the Draft EA once it is completed. Please inform us if additional copies are needed and/or if someone else within your agency other than you should receive the Draft EA.

---

Your prompt attention to this request would be greatly appreciated. If you have any questions, please call Ms. Cynthia Kitchens at (918) 669-7042.

Sincerely,

  
Jeffrey L. Waldie, Acting Chief  
Environmental Analysis and  
Compliance Branch

Enclosure

Copy furnished w/o enclosure

Ms. Cynthia Kitchens  
U.S. Army Corps of Engineers  
Tulsa District  
1645 S. 101<sup>st</sup> East Avenue  
Tulsa, OK 74128-4269

Mr. Melvin Freeman  
General Services Administration  
819 Taylor Street  
Fort Worth, Texas 76102

✓ Mr. Eric Webb  
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Baton Rouge, Louisiana 70820

## WILDLIFE CONSERVATION COMMISSION

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## DEPARTMENT OF WILDLIFE CONSERVATION

1801 N. LINCOLN

P.O. BOX 53485

OKLAHOMA CITY, OK 73105

PH. 521-3861

January 6, 1997

Nancy Kaufman  
USF&W  
500 Gold Avenue  
Albuquerque, NM 87102

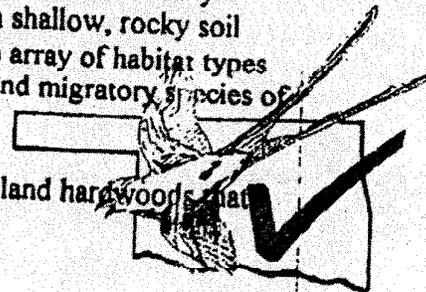
Dear Ms. Kaufman

The U.S. Army Corps of Engineers Candy Lake Project located just northeast of Avant in Osage county is currently up for deauthorization. The deauthorization process would make Candy project lands available to other federal agencies.

A brief look at the history of the Candy Lake project shows that it was initiated in 1976 by the U.S. Army Corps of Engineers under the authority of the 1962 Flood Control Act for purposes of flood control, water supply, recreation, and fish and wildlife. Funds expended were used to acquire surface acreage for the project and for construction of a project access road. In 1981, the 3,658 acre project was delayed indefinitely when condemnation proceedings were withdrawn to acquire mineral rights on the Skiatook lake project from the Osage Nation. In 1984, the project was placed in deferred status and made available for agricultural use as well as limited recreational use. In 1987, the Oklahoma Department of Wildlife Conservation entered a cooperative management agreement with the U.S. Army Corps of Engineers to assist in managing the project until 1992. This cooperative agreement has continued informally until the present date.

Candy project lands are very important to wildlife because of its diversity, its bottomland hardwoods, and the increase in habitat destruction on surrounding private land. The project has a wide variety of habitat types. Corridors of mature bottomland hardwoods are found along the riparian zones. Post oak/blackjack forests are found on the hills along the project boundary. While many of the open areas have been converted to exotic grasses, the reduction in the intensity of brush and forb control measures has made most of these areas good habitat for wildlife as well. Candy creek and its tributaries are different than most others in this part of the state. The limestone rock bottom of this creek keeps the water relatively clear except in times of heavy runoff. There is also an area with limestone outcroppings and an area with shallow, rocky soil that each provide unique vegetative communities to the project. This wide array of habitat types and their good interspersions make the project vital for numerous resident and migratory species of wildlife.

The second reason that Candy is so important to area wildlife is the bottomland hardwoods that



are present on the area. While modest in acreage compared to other areas of the state, Candy's bottomland hardwoods are found in an area dominated by open prairies with scattered patches of post oak/blackjack oak. The reduction in brush control measures on project lands mentioned earlier has increased the acreage of young stands of bottomland hardwoods. If protection is continued/increased, this habitat type will become even more valuable to wildlife in the future.

The third reason the Candy project is so important to wildlife is the continued destruction of wildlife habitat in the region. Habitat in the area is being lost to: the urban sprawl of the Tulsa metropolitan area; conversion of native prairies to introduced pastures; herbicide applications to reduce forbs and woody growth in pastures and rangeland; continued fire suppression in areas with native vegetation; flooding of bottomland hardwoods via reservoir construction; and oil field activity. As the amount of quality habitat in the region continues to dwindle, area wildlife will become more dependent on the remaining areas with good habitat.

The importance of Candy's habitat is magnified by its close proximity to the Tulsa metropolitan region. Project lands are located within 30 miles of the second largest city in the state. The demand in the area for wildlife related recreational access certainly exceeds what is available.

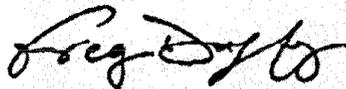
Over 95% of the land in Oklahoma is private property and accessibility to it continues to decrease for many Oklahomans. This situation makes providing sufficient outdoor opportunities for the public a big challenge for our agency.

Obviously, our agency feels that it is important to protect the habitat and the public use that is present on the Candy project. Since other federal agencies have the first opportunity to obtain deauthorized Corps land, I am requesting the assistance of your agency in protecting this valuable area.

An ideal situation for our Department would be to lease these lands from your agency. This would protect and enhance the area's wildlife habitat, while securing wildlife related access on the area for the public.

If you have any questions or comments on the Candy project, please contact my office at (405) 521-4660.

Sincerely,



Greg Duffy  
Director

Oklahoma Dept. Wildlife Conservation

GD/JP:jp

cc: Johnny Herd  
Richard Hatcher  
Alan Peoples  
Candy WMA file



United States  
Department of  
Agriculture

Natural  
Resources  
Conservation  
Service

Natural Resource Conservation Service  
1000 W. Main, STE. 102  
RT. 1 Box 650  
PAWHUSKA, OK. 74056

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Mr. Eric Webb  
Environmental Resources Manager  
Gulf South Research Corp.  
PO Box 83564  
Baton Rouge, LA. 70884-3564

February 20, 2004

Subject: Candy Lake Environmental Assessment

Mr. Webb,

As requested by your agency I ran the soils that are located in the Candy Wildlife Management area. Many of the soils in the area are classified as Prime Farmland; I have included a list of the soils. Of these Map Units 1, 3,8,9,15,16,31,38,46 are designated as Prime Farmland by the NRCS. The potential for significant erosion concerns is high considering the location of the ground in relation to the riparian area.

If you need any other information please call me at 918-287-3570 ext. 3

A handwritten signature in black ink that reads "Matt Ward".

Matt Ward  
District Conservationist  
Pawhuska Field Office

## Non-Technical Descriptions

Osage County, Oklahoma

Only those map units that have entries for the selected non-technical description categories are included in this report.

### Map Unit: 1 - Apperson silty clay loam, 1 to 3 percent slopes

Description Category: SOI

*APPERSON SILTY CLAY LOAM IS 40-60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 1-3 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 7.2-9.5; MAJOR CONSIDERATIONS: WATER TABLE, DEPTH TO HARD ROCK; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 3W.*

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### Map Unit: 3 - Barnsdall very fine sandy loam, 0 to 1 percent slopes, rarely flooded

Description Category: SOI

*BARNSDALL VERY FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 8.7-11.9; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND, WOODLAND; LAND CAPABILITY CLASS: 1.*

---

### Map Unit: 8 - Pocasset fine sandy loam, 0 to 1 percent slopes, occasionally flooded

Description Category: SOI

*POCASSET FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 5.2-9.0; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 2W.*

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### Map Unit: 9 - Pocasset fine sandy loam, 1 to 3 percent slopes, occasionally flooded

Description Category: SOI

*POCASSET FINE SANDY LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 5.6-9.0; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 2W.*

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### Map Unit: 14 - Darnell-stephenville complex, 1 to 8 percent slopes

Description Category: SOI

*STEPHENVILLE FINE SANDY LOAM IS 20-40 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 1-8 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 3.1-4.9; MAJOR CONSIDERATIONS: DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 3E.*

Description Category: SOI

*DARNELL FINE SANDY LOAM IS 10-20 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 1-8 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 1.4-1.9; MAJOR CONSIDERATIONS: DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 3S.*

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## Non-Technical Descriptions - Continued

Osage County, Oklahoma

**Map Unit:** 15 - Agra silt loam, 1 to 3 percent slopes

**Description Category:** SOI

*AGRA SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 1-3 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 7.8-12.5; MAJOR CONSIDERATIONS: WATER TABLE; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 2E.*

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**Map Unit:** 16 - Agra silt loam, 3 to 5 percent slopes

**Description Category:** SOI

*AGRA SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 3-5 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 7.8-12.5; MAJOR CONSIDERATIONS: WATER TABLE; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 3E.*

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**Map Unit:** 23 - Foraker-shidler complex, 12 to 25 percent slopes

**Description Category:** SOI

*FORAKER SILTY CLAY LOAM IS 20-40 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 12-25 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 3.8-7.1; MAJOR CONSIDERATIONS: WATER TABLE, SLOPE, DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: RANGELAND; LAND CAPABILITY CLASS: 7E.*

**Description Category:** SOI

*SHIDLER SILTY CLAY LOAM IS 4-20 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 12-25 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 1.4-1.8; MAJOR CONSIDERATIONS: SLOPE, DEPTH TO HARD ROCK; LANDUSE MAY INCLUDE: RANGELAND; LAND CAPABILITY CLASS: 7S.*

---

**Map Unit:** 31 - Braman silt loam, 0 to 1 percent slopes, rarely flooded

**Description Category:** SOI

*LAWRIE SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 9.0-14.3; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 1.*

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**Map Unit:** 33 - Braman-drummond complex, 0 to 1 percent slopes, rarely flooded

**Description Category:** SOI

*DRUMMOND SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 5.5-10.3; MAJOR CONSIDERATIONS: FLOODING, WATER TABLE, SODICITY; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 3W.*

## Non-Technical Descriptions - Continued

Osage County, Oklahoma

**Map Unit: 33** - Braman-drummond complex, 0 to 1 percent slopes, rarely flooded

**Description Category:** SOI

*LAWRIE SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 9.0-14.3; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 1.*

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**Map Unit: 35** - Niotaze-darnell complex, 3 to 15 percent slopes

**Description Category:** SOI

*NIOTAZE STONY SILT LOAM IS 20-40 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 3-15 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 1.9-4.1; MAJOR CONSIDERATIONS: WATER TABLE, DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: RANGELAND, WOODLAND; LAND CAPABILITY CLASS: 7S.*

**Description Category:** SOI

*DARNELL EXTREMELY STONY FINE SANDY LOAM IS 10-20 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 3-8 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 1.2-1.6; MAJOR CONSIDERATIONS: DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: RANGELAND; LAND CAPABILITY CLASS: 7S.*

---

**Map Unit: 36** - Niotaze-darnell complex, 15 to 25 percent slopes

**Description Category:** SOI

*NIOTAZE STONY LOAM IS 20-40 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 15-25 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 2.5-5.4; MAJOR CONSIDERATIONS: WATER TABLE, SLOPE, DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: RANGELAND, WOODLAND; LAND CAPABILITY CLASS: 7E.*

**Description Category:** SOI

*DARNELL EXTREMELY STONY FINE SANDY LOAM IS 10-20 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 15-20 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 1.2-1.6; MAJOR CONSIDERATIONS: SLOPE, DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: RANGELAND; LAND CAPABILITY CLASS: 7S.*

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**Map Unit: 38** - Norge silt loam, 1 to 3 percent slopes

**Description Category:** SOI

*NORGE SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 1-3 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 9.0-13.5; MAJOR CONSIDERATIONS: NONE; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 2E.*

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**Map Unit: 46** - Osage silty clay, 0 to 1 percent slopes, occasionally flooded

## Non-Technical Descriptions - Continued

Osage County, Oklahoma

**Map Unit: 46** - Osage silty clay, 0 to 1 percent slopes, occasionally flooded

**Description Category:** SOI

*OSAGE SILTY CLAY IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 5.4-7.5; MAJOR CONSIDERATIONS: FLOODING, WATER TABLE; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND, WOODLAND; LAND CAPABILITY CLASS: 3W.*

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**Map Unit: 49** - Parsons-pharoah complex, 0 to 3 percent slopes

**Description Category:** SOI

*PHAROAH SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-3 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 8.2-12.8; MAJOR CONSIDERATIONS: WATER TABLE, SODICITY; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 3W.*

**Description Category:** SOI

*PARSONS SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 0-3 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 7.7-13.5; MAJOR CONSIDERATIONS: WATER TABLE; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 3E.*

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**Map Unit: 54** - Shidler silty clay loam, 1 to 5 percent slopes

**Description Category:** SOI

*SHIDLER STONY SILTY CLAY LOAM IS 4-20 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 1-5 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 0.7-1.4; MAJOR CONSIDERATIONS: DEPTH TO HARD ROCK; LANDUSE MAY INCLUDE: RANGELAND; LAND CAPABILITY CLASS: 7S.*

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**Map Unit: 59** - Stephenville-darnell complex, 1 to 5 percent slopes

**Description Category:** SOI

*STEPHENVILLE FINE SANDY LOAM IS 20-40 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 5-8 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 3.6-5.7; MAJOR CONSIDERATIONS: DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 4E.*

**Description Category:** SOI

*DARNELL FINE SANDY LOAM IS 10-20 INCHES DEEP WITH A LIGHTER COLORED SURFACE LAYER AND SLOPES OF 1-5 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 1.9-2.5; MAJOR CONSIDERATIONS: DEPTH TO SOFT ROCK; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND; LAND CAPABILITY CLASS: 3S.*

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**Map Unit: 66** - Verdigris silt loam, 0 to 1 percent slopes, occasionally flooded

## Non-Technical Descriptions - Continued

Osage County, Oklahoma

**Map Unit:** 66 - Verdigris silt loam, 0 to 1 percent slopes, occasionally flooded

**Description Category:** SOI

*VERDIGRIS SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 9.4-14.4; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: CROPLAND, RANGELAND, WOODLAND; LAND CAPABILITY CLASS: 2W.*

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**Map Unit:** 67 - Verdigris silt loam, 0 to 1 percent slopes, frequently flooded

**Description Category:** SOI

*VERDIGRIS SILT LOAM IS MORE THAN 60 INCHES DEEP WITH A DARK COLORED SURFACE LAYER AND SLOPES OF 0-1 PERCENT. AVAILABLE WATER CAPACITY IN INCHES: 9.4-14.4; MAJOR CONSIDERATIONS: FLOODING; LANDUSE MAY INCLUDE: RANGELAND, WOODLAND; LAND CAPABILITY CLASS: 5W.*

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## 1. Oklahoma's Endangered Species

(An "\*" indicates the species is also federally endangered)

### A. Mammals

- Gray Bat (Myotis grisescens) \*
- Indiana Bat (Myotis sodalis) \*
- Ozark Big-eared Bat (Plecotus townsendii ingens) \*

### B. Birds

- Bald Eagle (Haliaeetus leucocephalus) \*
- Whooping Crane (Grus americana) \*
- Interior Least Tern (Sterna antillarum) \*
- Black-capped Vireo (Vireo atricapillus) \*
- Red-cockaded Woodpecker (Picoides borealis) \*

### C. Fish

- Longnose Darter (Percina nasuta)

### D. Invertebrates

- Cave Crayfish (Cambarus tartarus)
- American Burying Beetle (Nicrophorus americanus) \*
- Ouachita Rock Pocketbook (Arkansia wheeleri) \*
- Neosho Mucket (Lamprolaima rafinesqueana) (Federal Candidate)
- Scaleshell (Leptodea leptodon) \*

## II. Oklahoma's Threatened Species

(An "\*" indicates the species is also federally threatened)

### A. Birds

- Piping Plover (Charadrius melodus) \*

### B. Reptiles

- American Alligator (Alligator mississippiensis) \*  
(By similarity of appearance)

### C. Fish

- Ozark Cavefish (Amblyopsis rosae) \*
- Neosho Madtom (Noturus placidus) \*
- Arkansas River Shiner (Notropis girardi) \*
- Leopard Darter (Percina pantherina) \*
- Blackside Darter (Percina maculata)

### III. Oklahoma's Species of Special Concern

(An "\*" indicates the species is also a federal species of concern)

#### A. Category I Species

##### 1. Birds

Ferruginous Hawk (Buteo regalis)  
Golden Eagle (Aquila chrysaetos)  
Prairie Falcon (Falco mexicanus)  
Mountain Plover (Charadrius montanus) (Federal Candidate) \*  
Long-billed Curlew (Numenius americanus)

##### 2. Invertebrates

Pilsbry's Narrow-apertured Land Snail (Sterotrema pilsbryi)

#### B. Category II Species

##### 1. Mammals

Desert Shrew (Notiosorex crawfordi)  
Keen's Myotis (Myotis keenlii)  
Small-footed Myotis (Myotis leibii)  
Southeastern Myotis (Myotis austroriparius)  
Western Big-eared Bat (Plecotus townsendii pallescens)  
Rafinesque's Big-eared Bat (Plecotus rafinesquii)  
Seminole Bat (Lasiurus seminolus)  
Mexican Free-tailed Bat (Tadarida brasiliensis)  
Black-tailed Prairie Dog (Cynomys ludovicianus) (Federal Candidate) \*  
Woodchuck (Marmota monax)  
Eastern Harvest Mouse (Reithrodontomys humulis)  
Rice Rat (Oryzomys palustris)  
Meadow Jumping Mouse (Zapus hudsonius)  
Texas Kangaroo Rat (Dipodomys elator)  
Ringtail (Bassariscus astutus)  
River Otter (Lutra canadensis)  
Hog-nosed Skunk (Conepatus mesoleucus)  
Long-tailed Weasel (Mustela frenata)  
Swift Fox (Vulpes velox)  
Mountain Lion (Felis concolor)

##### 2. Birds

Swainson's Hawk (Buteo swainsoni)  
Snowy Plover (Charadrius alexandrinus)  
Barn Owl (Tyto alba)  
Burrowing Owl (Athene cunicularia)  
Migrant Loggerhead Shrike (Lanius ludovicianus migrans)  
Bell's Vireo (Vireo bellii)

Bachman's Sparrow (*Aimophila aestivalis*)

### 3. Reptiles

Alligator Snapping Turtle (*macrolemys temminckii*)  
 Map Turtle (*Graptemys geographica*)  
 Earless Lizard (*Holbrookia maculata*)  
 Round-tailed Horned Lizard (*Phrynosoma modestrum*)  
 Texas Horned Lizard (*Phrynosoma cornutum*)  
 Gulf Crayfish Snake (*Regina rigida sincola*)  
 Louisiana Milk Snake (*Lampropeltis triangulum amaura*)  
 Northern Scarlet Snake (*Cemophora coccinea copei*)  
 Texas Garter Snake (*Thamnophis sirtalis annectens*)  
 Texas Longnosed Snake (*Rhinocheilus lecontei tessellatus*)  
 Western Mud Snake (*Farancia abacura reinwardtii*)  
 Desert Massasauga (*Sistrurus catenatus edwardsii*)

### 4. Amphibians

Three-toed Amphiuma (*Amphiuma tridactylum*)  
 Western Lesser Siren (*Siren intermedia nettingi*)  
 Mole Salamander (*Ambystoma talpoideum*)  
 Ringed Salamander (*Ambystoma annulatum*)  
 Four-toed Salamander (*Hemidactylum scutatum*)  
 Ouachita Dusky Salamander (*Desmognathus brimleyorum*)  
 Rich Mountain Salamander (*Plethodon ouachitae*)  
 Grotto Salamander (*Typhlotriton spelaeus*)  
 Oklahoma Salamander (*Eurycea tynerensis*)  
 Squirrel Treefrog (*Hyla squirella*)  
 Western Bird-voiced Treefrog (*Hyla avivoca avivoca*)

### 5. Fish

Alabama Shad (*Alosa alabamae*)  
 Alligator Gar (*Atractosteus spatula*)  
 Arkansas River Speckled Chub (*Hybopsis aestivalis tetranemus*)  
 Arkansas Darter (*Etheostoma cragini*) (Federal Candidate Species) \*  
 Black Buffalo (*Ictiobus niger*)  
 Blue Sucker (*Cycleptus elongatus*)  
 Bluehead Shiner (*Notropis hubbsi*)  
 Bluntnosed Shiner (*Cyprinella camura*)  
 Brown Bullhead (*Ictalurus nebulosus*)  
 Chian Pickerel (*Esox niger*)  
 Colorless Shiner (*Notropis peripallidus*)  
 Crystal Darter (*Ammocrypta asprella*)  
 Cypress Minnow (*Hybognathus hayi*)  
 Flathead Chub (*Hybopsis gracilis*)  
 Goldstripe Darter (*Etheostoma parvipinne*)  
 Harlequin Darter (*Etheostoma histrio*)  
 Ironcolor Shiner (*Notropis chalybaeus*)

Kiamichi Shiner (Notropis ortenburgeri)  
 Mooney (Hiodon tergisus)  
 Mountain Madtom (Noturus eletherus)  
 Pallid Shiner (Notropis amnis)  
 Plains Topminnow (Fundulus sciadicus)  
 Redbreast Sunfish (Lepomis auritus)  
 Ribbon Shiner (Lythurus fumeus)  
 River Darter (Percina shumardi)  
 Shorthead Redhorse (Moxostoma macrolepidotum)  
 Shovelnose Sturgeon (Scaphirhynchus platorynchus)  
 Southern Brook Lamprey (Ichthyomyzon gagei)  
 Spotfin Shiner (Cyprinella spiloptera)  
 Stonecat (Noturus flavus)  
 Taillight Shiner (Notropis maculatus)  
 Wichita Mountains Spotted Bass (Micropterus punctulatus wichitae)

#### 6. Invertebrates

Bowman's Cave Amphipod (Stygobromus bowmani)  
 Oklahoma Cave Amphipod (Allocrangonyx pellucidus)  
 Prairie Mole Cricket (Gryllotalpa major)  
 Regal Fritillary Butterfly (Speyeria idalia)  
 Spectacle-case Mussel (Quadrula cylindrica)  
 Western Fanshell Mussel (Cyprogenia aberti)

#### C. Federal Candidate/Not State Species of Special Concern

##### 1. Birds

Lesser Prairie Chicken (Tympanuchus pallidicinctus)

U.S. FISH AND WILDLIFE OKLAHOMA ECOLOGICAL SERVICES FIELD OFFICE 918-581-745

#### **WHAT CAN I DO TO HELP OKLAHOMA'S ENDANGERED SPECIES?**

- **REPORT RARE SPECIES SIGHTINGS?**
- **Become an Amateur Biologist**

For color photographs, range maps and species descriptions, visit the Oklahoma Natural Heritage Invent