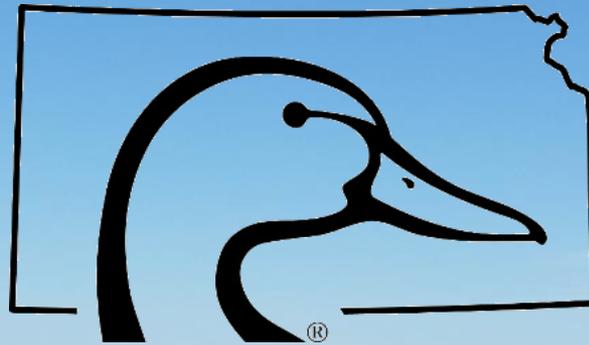


# Ducks Unlimited Playa Lake Conservation Model



Abram Lollar  
Ducks Unlimited  
Western, KS

# GOALS!!!

- ▶ Who Is Ducks Unlimited
- ▶ Landowner Communication
- ▶ Success of Playa Lake Conservation in the last few years



# Who is Ducks Unlimited

- ▶ 501c3 Nonprofit - est. 1937 (89years)
- ▶ Ducks Unlimited conserves, restores, and manages wetlands and associated habitats for North America's waterfowl. These habitats also benefit other wildlife and people.



- ▶ Ducks Unlimited Canada
- ▶ Ducks Unlimited Inc (U.S.)
- ▶ Ducks Unlimited de México

DUCKS  
UNLIMITED

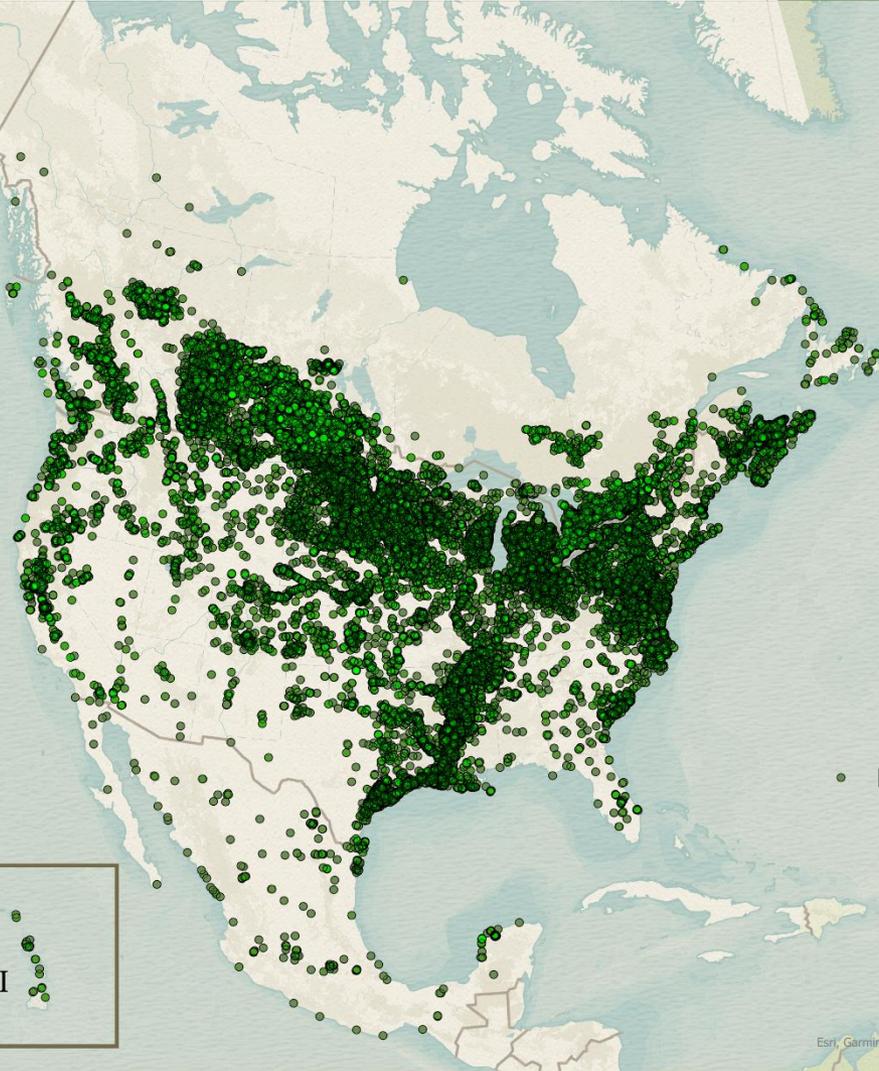
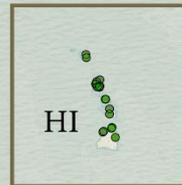
- ▶ The vision of Ducks Unlimited is wetlands sufficient to fill the skies with waterfowl today, tomorrow and forever.







84 YEARS  
OF  
CONSERVATION  
15+ million acres



# GOALS!!!

- ▶ Who Is Ducks Unlimited
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# Where/How to start?

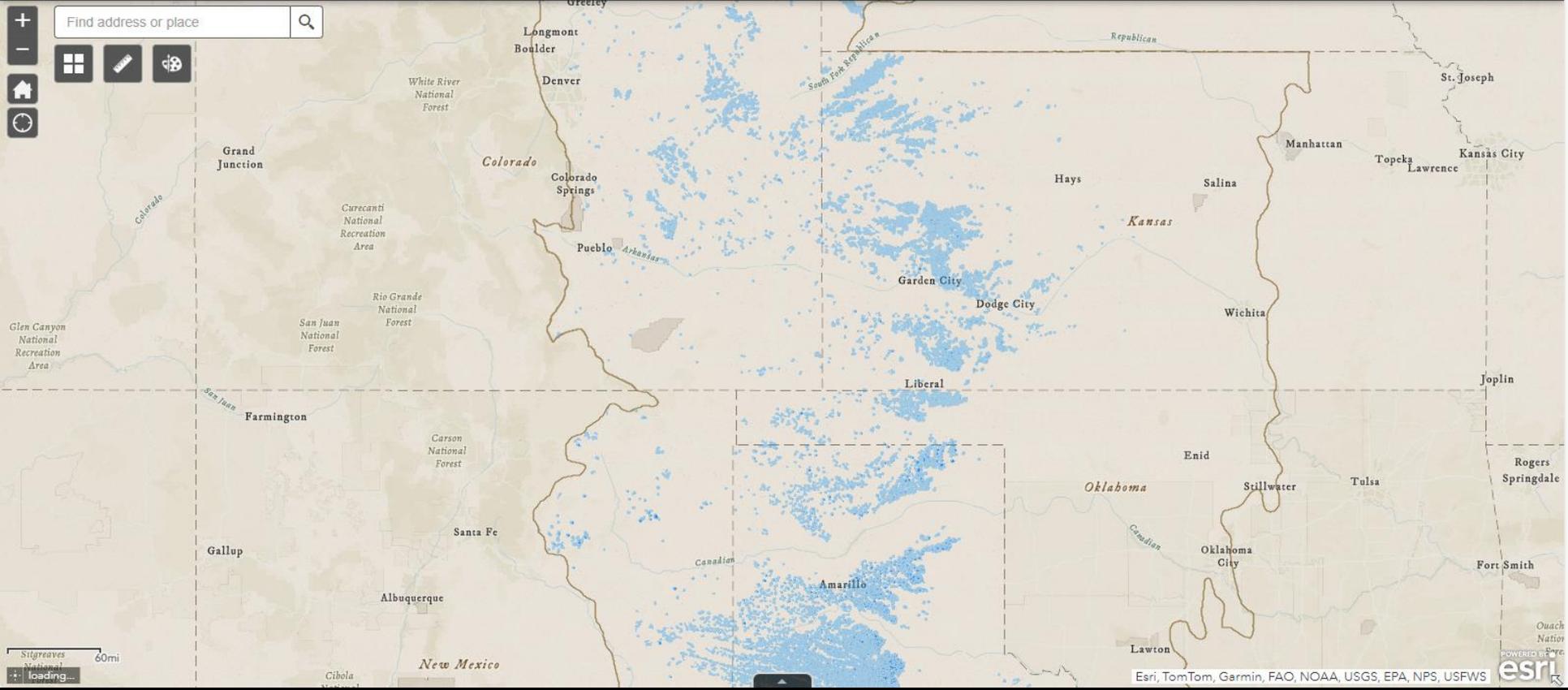
- ▶ Fallow rain
- ▶ Use data that is available to you
  - ▶ PLJV maps
  - ▶ Western KS Playa Map
  - ▶ FWS wetland map
- ▶ Works with partners
  - ▶ Certifying wheat
  - ▶ Educate yourself with other programs
- ▶ Cold call





# Where/How to start?

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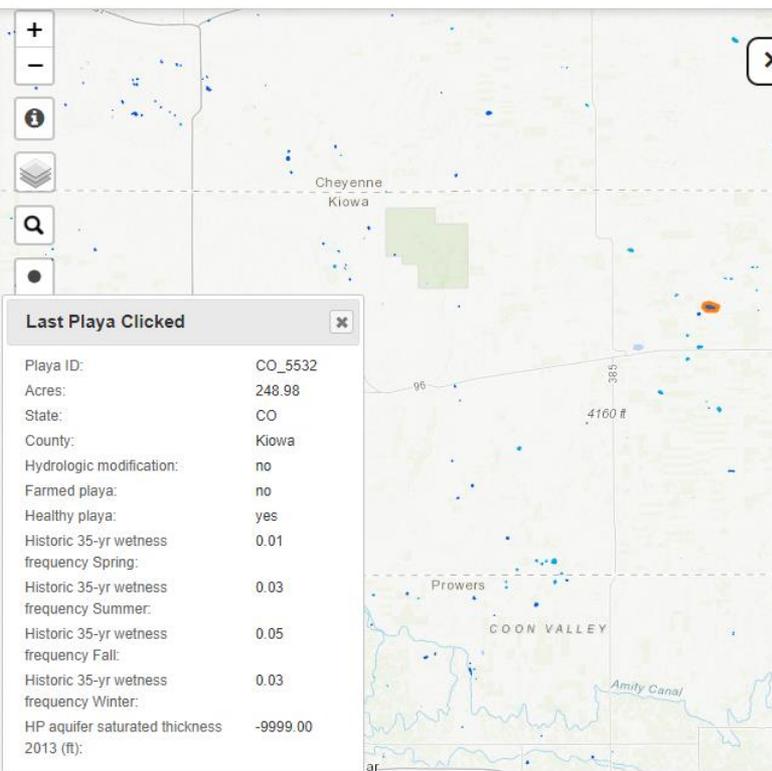


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loading...



providing partner-based solutions to conservation challenges

- ABOUT US
- GRASSLANDS
- PLAYAS**
- WETLANDS
- RESOURCES
- NEWS
- Q



Last Playa Clicked	
Playa ID:	CO_5532
Acres:	248.98
State:	CO
County:	Kiowa
Hydrologic modification:	no
Farmed playa:	no
Healthy playa:	yes
Historic 35-yr wetness frequency Spring:	0.01
Historic 35-yr wetness frequency Summer:	0.03
Historic 35-yr wetness frequency Fall:	0.05
Historic 35-yr wetness frequency Winter:	0.03
HP aquifer saturated thickness 2013 (ft):	-9999.00

### Estimated Recharge Potential for Future Generations

Playas are a primary source of recharge for the Ogallala Aquifer, contributing up to 95% of water flowing into the aquifer and improving its quality. Click on up to 7 playas, or use the circle tool to select more than 7 in one area, on the map to view the potential amount of recharge they can provide.

~ 62

acre-feet of water per year

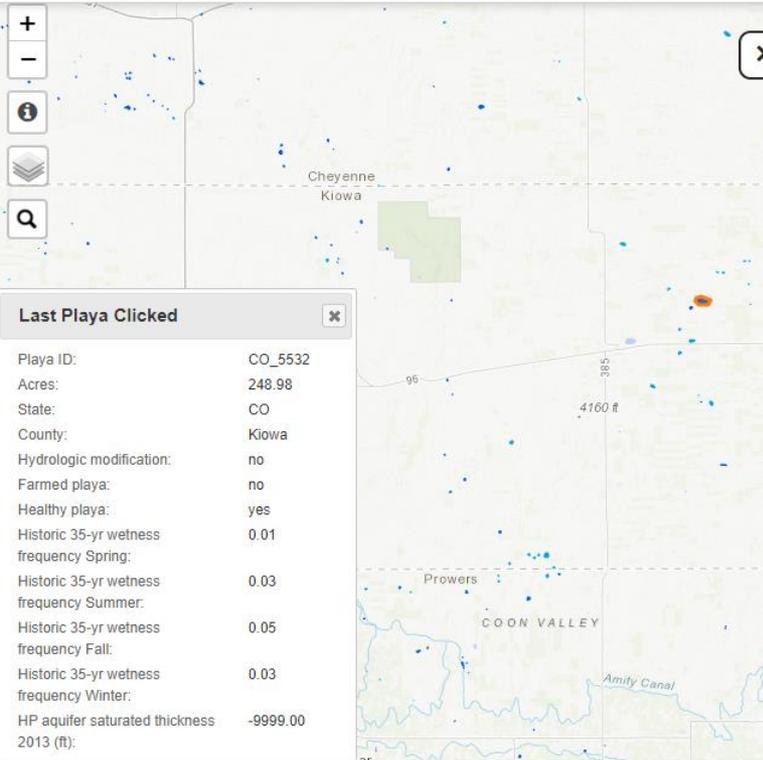
Gallons

Acre-feet

CLEAR SELECTION

### Playa Classification

- Grassland** = Included in the recharge estimate.
- Farmed** = Included in the recharge estimate, but these playas are at risk of losing their recharge capacity if their functionality is not restored.
- Modified (e.g., pits, ditches, berms)** = Not included in the recharge estimate. There is no scientific evidence to determine recharge amount.



**Last Playa Clicked**

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RECHARGE WETNESS

**Average Seasonal Playa Wetness**

Playas vary widely in when and how often they are wet. These differences can matter when making decisions about how to manage a playa. Click up to 7 playas on the map to compare their patterns of wetness.



**CLEAR SELECTION**

Seasons coincide with important dates for agriculture and wildlife.

- WINTER: Nov 15 - Mar 14
- SPRING: Mar 15 - May 31
- SUMMER: Jun 1 - Aug 14
- FALL: Aug 15 - Nov 14

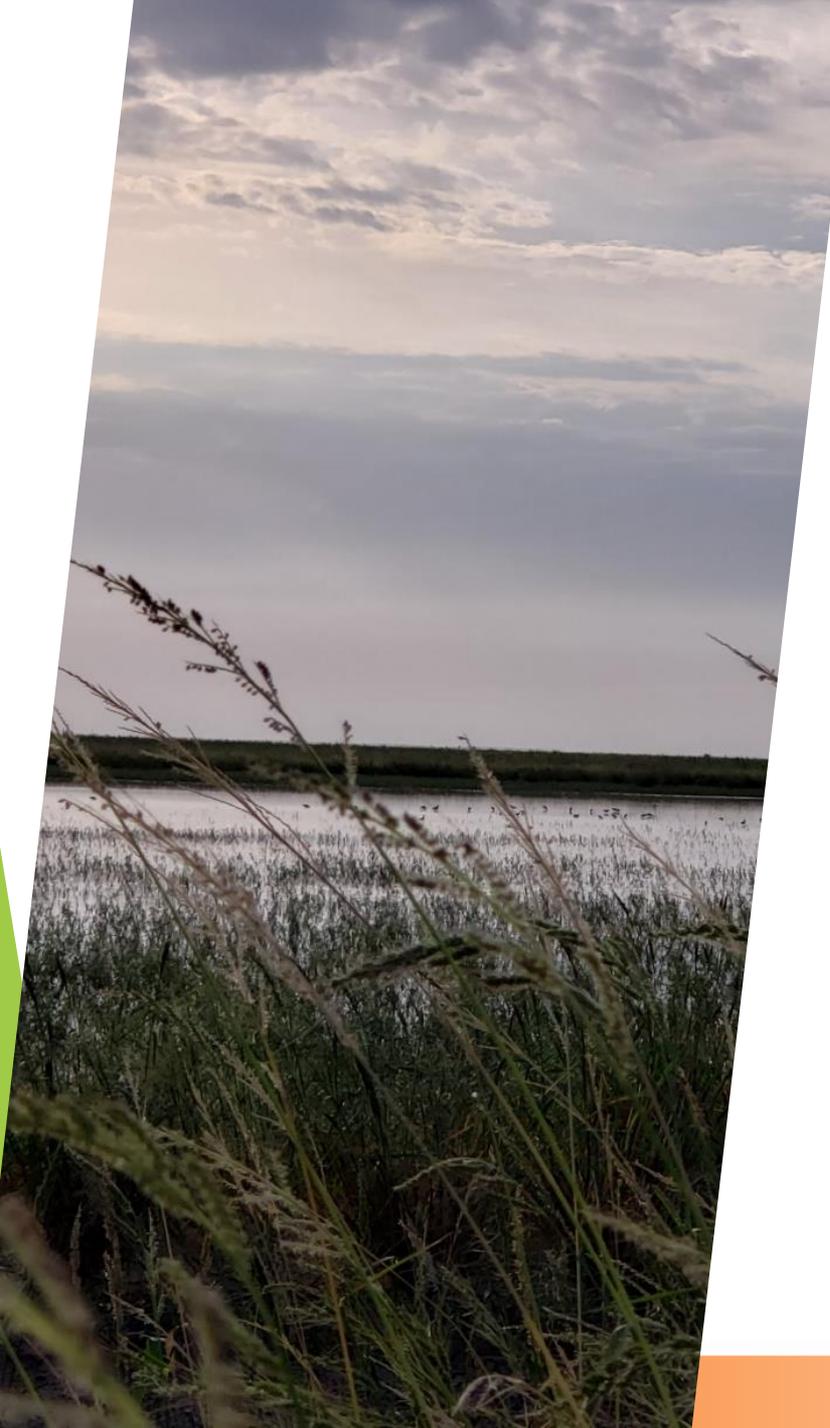


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  - ▶ Certifying wheat
  - ▶ Educate yourself with other programs

Questions: What are you interested in?  
Water, Money, Wildlife  
(Playa Lake restoration covers all 3)





# QUESTIONS TO ASK

- Short vs long term
- Flexibility
- Fed vs State vs NGO

# GOALS!!!

- ▶ Who Is Ducks Unlimited
- ▶ Landowner Communication
- ▶ Success of Playa Lake Conservation in the last few years



# PARTNERSHIPS



# Where/How to start?

- ▶ Fallow rain
- ▶ Use data that is available to you
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# CRP CONSERVATION RESERVE PROGRAM

**CP-23A Non- Floodplain Wetland Restoration**

**CP38B Migratory-Bird-Butterfly-and-Pollinator-SAFE  
(Reverse bid):**





## CP-23 Floodplain Wetland Restoration

- soil rental rates (Probably around \$35/acres)
- 10-15 year contract
- possibly PIP and or SIP payment
- 32.5% cost share annual payment for restoration
- annual payment based off soil rental rate
- minimum buffer 100 ft buffer
- maximum buffer with 4/1 ratio to size of playa
- still own land
- opportunity to enroll in (VPA and WIHA will give you more information at a later time if wanted)



## 38B Migratory-Bird- Butterfly-and-Pollinator- SAFE (Reverse bid):

- Cap is NASS irrigation Cash Rental rate(around \$100/acre)
- 10-15 year contract
- annual payment
- minimum average buffer width 120 ft
- maximum buffer with 4/1 ratio to size of playa
- still own land
- opportunity to enroll in (VPA and WIHA)



## CP38B Multi-State SAFE for Migratory Birds, Butterflies and Pollinators for Kansas, Nebraska, and Oklahoma

- ▶ Total Acres in CP-38B: 13,219.86 in Kansas
- ▶ (Best estimate) that 4,000 acres of playa and 9,219.86 upland acres have been restored through this program.

# PARTNERSHIPS





Department of  
Wildlife and Parks



DUCKS  
UNLIMITED



## MEET YOUR WETLAND GOALS

WETLAND CONSERVATION PROGRAMS FOR PRIVATE LANDOWNERS IN KANSAS

### HABITAT DELIVERY PROGRAMS

#### WETLAND AND UPLAND COST-SHARE OPPORTUNITIES\*

Ducks Unlimited can provide financial assistance for new wetland projects or conservation programs via the following:

- Levee/berm installation
- Sediment removal
- Terrace removal
- Grass/buffer plantings
- Tree cutting
- Invasive control and vegetation management
- Wetland pumping and irrigation equipment
- Other ideas? Call us!
- Water control structures
- Pit fills & ditch plugs
- Culvert install/replacement
- Fence and livestock water
- Pivot upgrades (VRI and tracks)

\*Cost-share opportunities vary by region, project type, and funding availability, so please contact DU for more information. Out of pocket expenses may apply.

#### TECHNICAL ASSISTANCE

DU's team of biologists and engineers can assist you with designing and developing your wetland habitat to maximize benefits to waterfowl across the seasons. We can assist you in navigating:

- Wetland development and design
- Management recommendations
- USDA/federal programs
- State and local programs
- Public access programs
- Wetland permitting and mitigation
- Wetland contractor contacts

### LAND PROTECTION PROGRAMS

#### CONSERVATION EASEMENTS

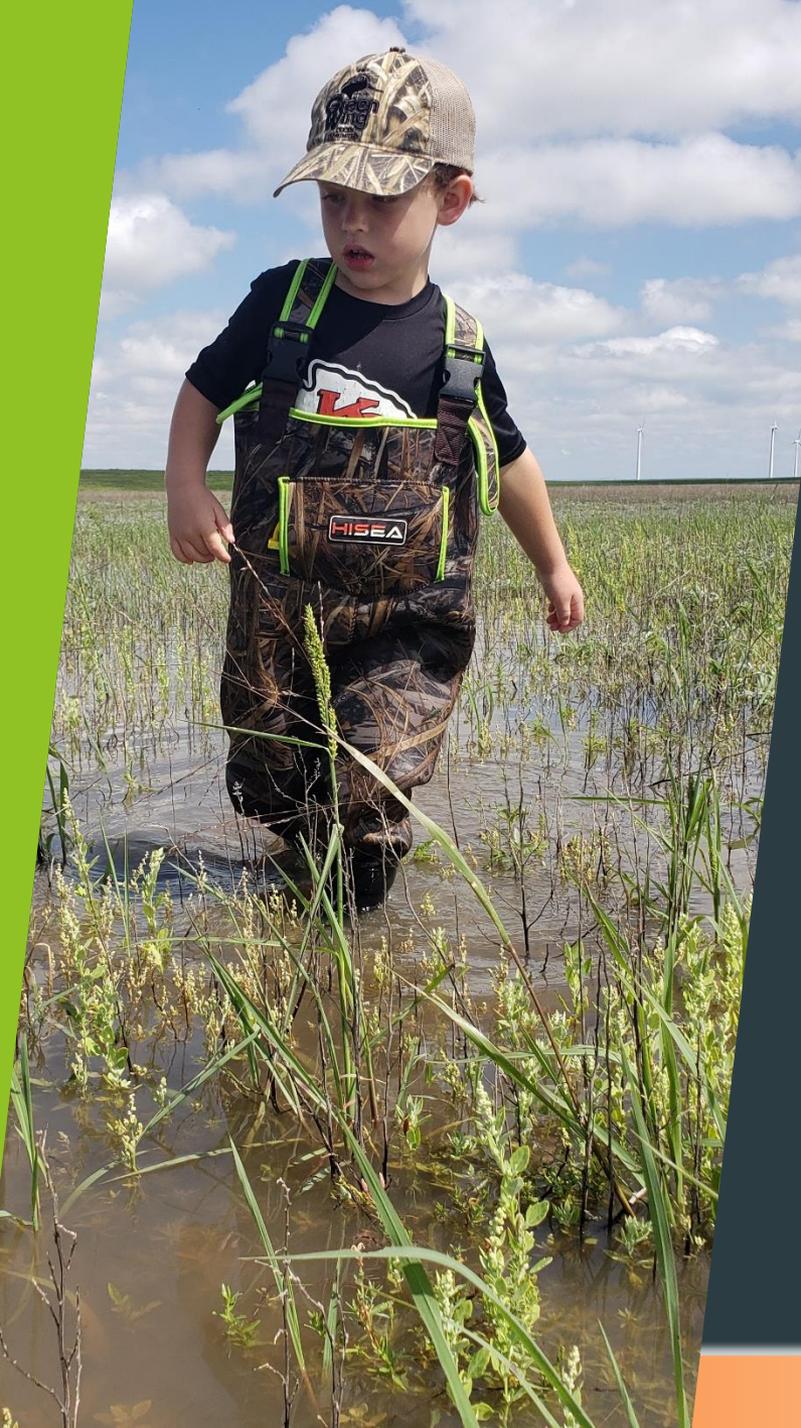
Are you interested in protecting your property's conservation values in perpetuity? DU can assist you with the various protection options available, including DU easements that will ensure your conservation legacy is secured forever.

#### LAND ACQUISITION

Are you interested in selling or donating your property? DU can assist you with options to establish a new public-use area, sell to a conservation buyer, donate your tract to aid conservation, or include your land as a planned gift in your estate to maximize benefits to wildlife conservation, as well as provide financial and tax benefits to you now and your loved ones later.

[WWW.DUCKS.ORG/KANSAS](http://WWW.DUCKS.ORG/KANSAS)

Abram Lollar • Biologist • Garden City, KS  
620-214-2963 or [alollar@ducks.org](mailto:alollar@ducks.org)



**CP38B**  
**Migratory-Bird-Butterfly**  
**Pollinator-SAFE**  
**(Reverse bid):**

- ▶ 100 + landowners and tenants
- ▶ **\$1.2 MILLION** of out-of-pocket cost
- ▶ Restored over 12,000 acres of playa lake wetlands and upland buffers (and growing).

# GOALS!!!

- ▶ Who Is Ducks Unlimited
- ▶ Landowner Communication
- ▶ Success of Playa Lake Conservation in the last few years





# QUESTIONS?



Abe Lollar\* [alollar@ducks.org](mailto:alollar@ducks.org) \* (620) 214-2693