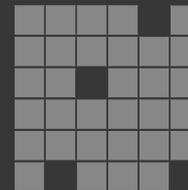


UTAH PRAIRIE DOG MITIGATION BANK CONSERVATION EASEMENT AGREEMENT

State of Utah
School and Institutional
Trust Lands Administration



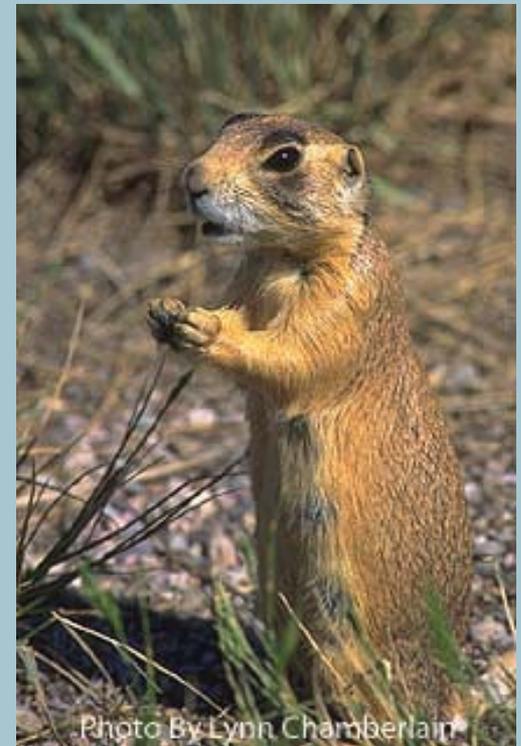
WHY MITIGATION BANKING?

■ Endangered Species Act

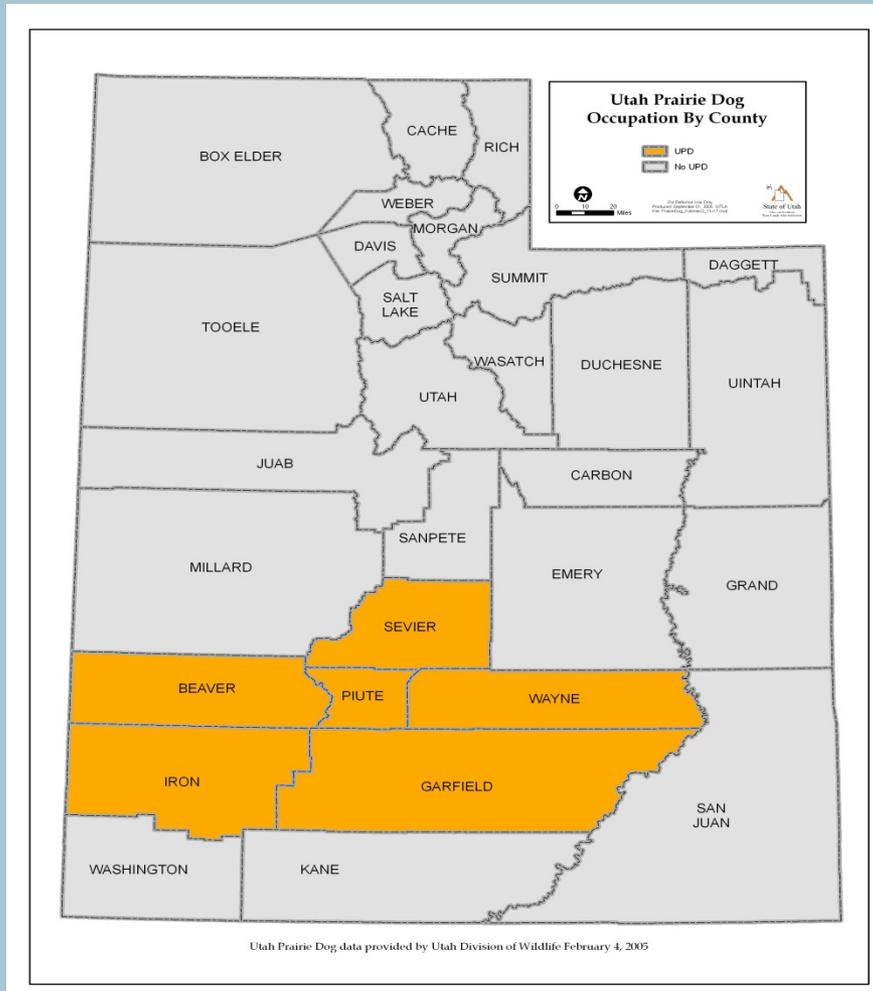
- Plant species protection required only on public lands
- Animal species protection required on all lands, including private and trust lands
 - Recovery efforts are only recognized on public land and other formally-protected lands
 - Populations on non-protected private and trust lands are not counted toward overall recovery
 - Disturbance on private and trust lands usually requires mitigation

UTAH PRAIRIE DOG ESA LISTING

- Listed as “endangered” in 1973
 - Less than 3,300 dogs
- Down-listed as “threatened” in 1984
 - More than 5,000 dogs



COUNTIES IMPACTED



PARTNERS

- Utah Trust Lands Administration
- Utah Division of Wildlife Resources
- U.S. Fish and Wildlife Service
- Utah State University Extension Service
- Environmental Defense
- Impacted Counties



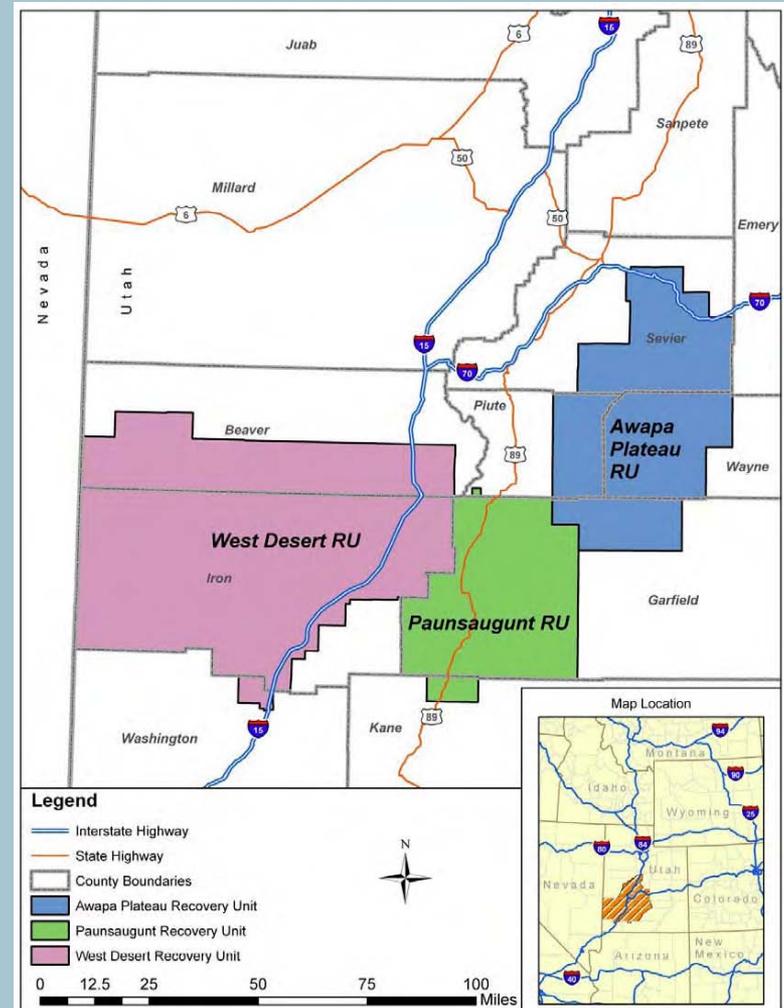
OBJECTIVES

- Enhance and restore habitat for the Utah prairie dog, and contribute to its conservation and recovery
- Create opportunities for development in areas populated with this species

ELEMENTS OF MITIGATION BANK AGREEMENT

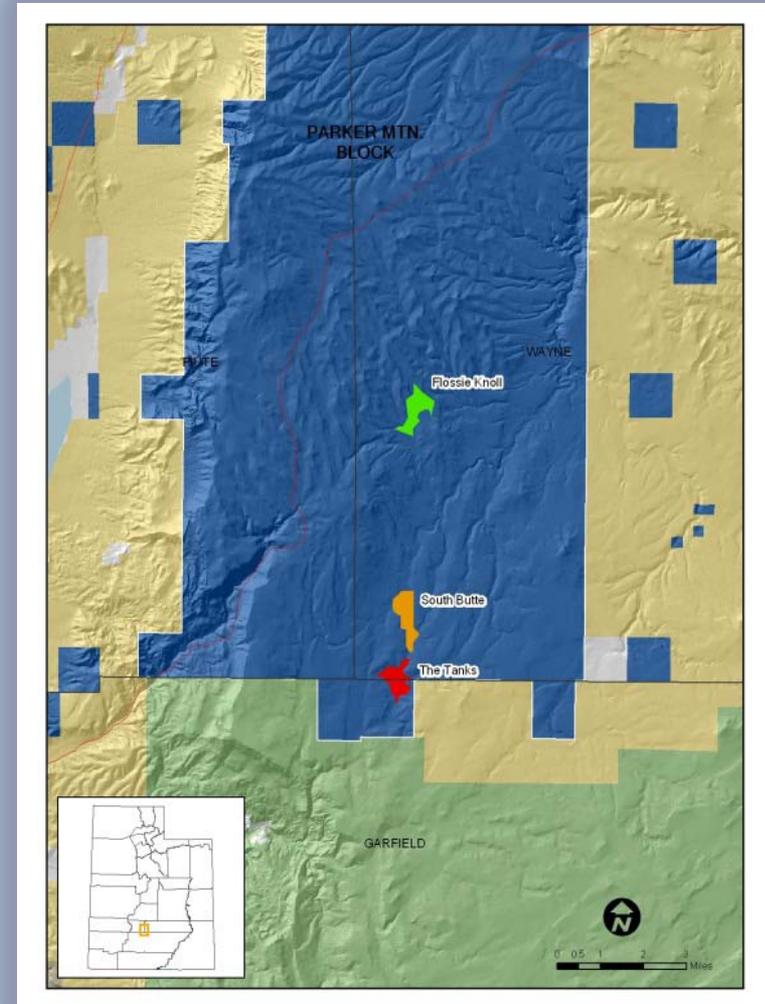
■ Establish Perpetual Conservation Easements

- West Desert Recovery Unit
- Paunsaugunt Recovery Unit
- Awapa Recovery Unit



ELEMENTS OF MITIGATION BANK AGREEMENT

- Awapa Recovery Unit
 - Parker Mountain 105,000 acre Trust Lands block
 - 6,850 acre Utah Prairie Dog habitat
- Create an endowment fund for perpetual maintenance of mitigation sites
- Earn credits by creating prairie dog habitat, available for sale or use by the Trust Lands Administration



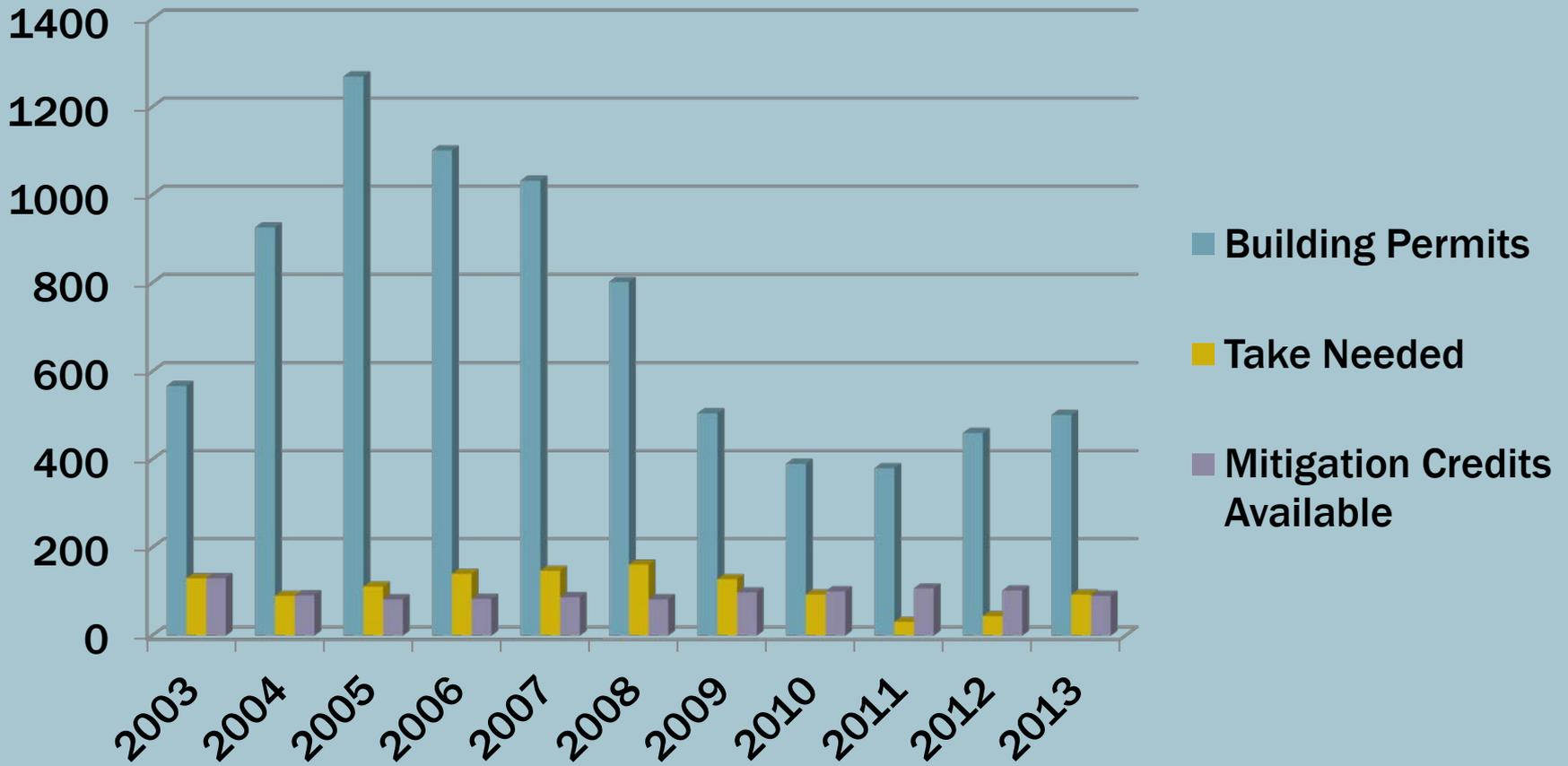
PRAIRIE DOG CREDITS

- Awarded 154 credits for 77 prairie dogs
- Appraised value of easement sites \$126,000 or \$250/acre
- Prairie dog credit valued at \$1,836
 - ($\$126,000/77 + \200 per prairie dog for perpetual endowment fund)
- Perpetual endowment fund managed by Utah Division of Wildlife Resources for habitat
- Trust Lands sold all credits to Iron County at \$918 per credit or \$1836 per prairie dog



IRON COUNTY DEVELOPMENT IMPACTS

BUILDING PERMIT DEMAND / AVAILABLE MITIGATION CREDITS



MITIGATION BANK AREAS

Mitigation Banks	Acres	Easement Value	UPD Counted	Credits
Tanks	222	\$55,500 + \$100/credit	31	63
South Butte	282	\$70,500 + \$100/credit	46	91
Flossie	(254)	Easement Not Sold	0	0
Totals	504	\$126,000	77	154

UTAH PRAIRIE DOG “MITIGATION BANK” LAND SALE

State of Utah
School and Institutional
Trust Lands Administration

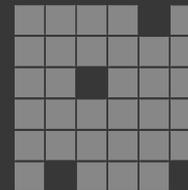


Photo By Lynn Chamberlain

“MITIGATION BANK” - LAND SALE

- Maintenance and public safety issues at three airports due to Utah prairie dog populations
- FAA allowed ongoing development at impacted airports and provided \$800,000 to acquire replacement habitat
- The Nature Conservancy bought 800 acres of Trust Lands for Utah prairie dog habitat using FAA funds
- U.S. Fish and Wildlife Service provided the Trust Lands Administration with 1,000 Utah prairie dog mitigation credits

PARTNERS

- Utah Trust Lands Administration
- The Nature Conservancy
- U.S. Fish and Wildlife Service
- Federal Aviation Administration (FAA)
- Cedar City, Town of Parowan, and Wayne County airports
- Garfield County



Cedar City Regional Airport

800 acres	\$1,000/acre	\$800,000
1,000 mitigation credits	\$800/credit	\$800,000
	TOTAL	\$1.6 million



**“MITIGATION
BANK”**

**LAND SALE
REVENUE**

CONSERVATION EASEMENT VS LAND SALE

Advantage/Disadvantage	Land Sale	Conservation Easement
Staff time	X	
Species conservation	X	X
Local politics		X
Trust Lands economics	X	
Local economics	X	
Mitigation credits	X	X
Property ownership		X

FUTURE MITIGATION OPPORTUNITIES

■ Sage grouse

- Proposed federal plan to protect greater sage grouse on 4 million acres of federal land
- Drilling restrictions within four miles of sage grouse leks

