



# Statewide Wildlife Water Renovation Projects



## Background Information

- Certain artificial wildlife water structures throughout the state on BLM and USFS lands are in extreme states of disrepair and are in need of being completely rebuilt.
- These structures are costly and time consuming to maintain on an annual basis (if functioning at all). All structures in this list have been previously supported by HSP funds, either by initial installation, annual maintenance, or both.
- The water structures identified in this project are being prioritized by the three agencies due to their condition and the lack of nearby water sources for wildlife.
- Some structures identified in this project are being recommended for removal from the landscape. This is a joint decision between the land management agency and the NMDGF to remove a structure that has become detrimental to wildlife health.
- This project is a collaboration between the NMDGF, the USFS and the BLM.

## Project Partners:

Quemado Ranger District, Gila NF  
Las Cruces BLM  
West Zone Ranger District, Carson NF  
Roswell BLM

## Proposed Management Action

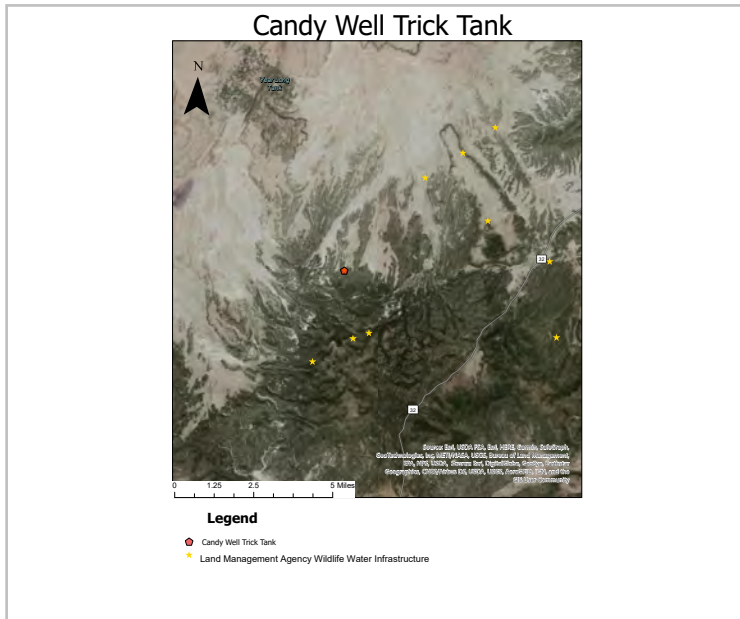
- The NMDGF, in collaboration with each BLM and USFS district, will contract the renovation of water structures according to the site specific needs of each location.
- This project is scalable, and any of the 10 locations can be removed from the overall project depending upon CAC Advice.
- If prioritized, HSP funds will be utilized for the described actions on the following pages:

HSP Request for all Water Renovation Projects: \$150,000



# Candy Well Trick Tank Rebuild

Quemado Ranger District - Gila NF



### Water Source is Wildlife Only



Current Structure is at or near end of Life Expectancy



Location has no other water sources within 1.5 miles



Location is at least 100 yards from the closest road

Catchment Design will minimize annual maintenance needs



Proposed Fence will be of Metal Pipe material



Enclosed Area will be greater than 2 acres

JPEG TOPO Map of Vicinity of water source, showing other water locations within 5 miles

This water source is in need of a total rebuild of the catchment, along with a conversion of the existing, downed, barbed wire fence to a pipe fence.

At present, the fence requires annual maintenance to keep livestock out and the catchment is very inefficient at capturing and storing rainfall. No major renovations have occurred on this water source in the past.

Land Management Agency has provided authorization for activity



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NMDGF Contact: Daniel Lusk    [Daniel.lusk@state.nm.us](mailto:Daniel.lusk@state.nm.us)

Google Earth Link

Major Maintenance to be performed on this water source:

Removal of existing infrastructure: \$5,000

Installation of new BOSS tank: \$3,000

Installation of new, low profile rain apron: \$3,000

Construction of Pipe fence Enclosure, .5 acres: 25,000

Materials: \$7,500

When complete, will resemble Image 3 in appendices

**Estimated Project cost: \$43,500**



# Largo West Guzzler Rebuild

Quemado Ranger District - Gila NF



JPEG TOPO Map of Vicinity of water source, showing other water locations within 5 miles

This water source is in need of a total rebuild of the catchment, along with a conversion of the existing, downed, barbed wire fence to a pipe fence build.

At present, the fence requires annual maintenance to keep livestock out and the catchment is very inefficient at capturing and storing rainfall. No major renovations have occurred on this water source.

Major Maintenance to be performed on this water source:

Removal of existing infrastructure: \$5,000  
 Installation of new BOSS tank: \$3,000  
 Installation of new, low profile rain apron: \$3,000  
 Construction of Pipe fence Enclosure, .5 acres: 25,000  
 Boss tank: \$7,500

When complete, will resemble Image 3

**Estimated Project cost: \$43,500**

Water Source is Wildlife Only



Current Structure is at or near end of Life Expectancy



Location has no other water sources within 1.5 miles

Location is at least 100 yards from the closest road



Catchment Design will minimize annual maintenance needs



Proposed Fence will be of Metal Pipe material



Enclosed Area will be greater than 2 acres

Land Management Agency has provided authorization for activity



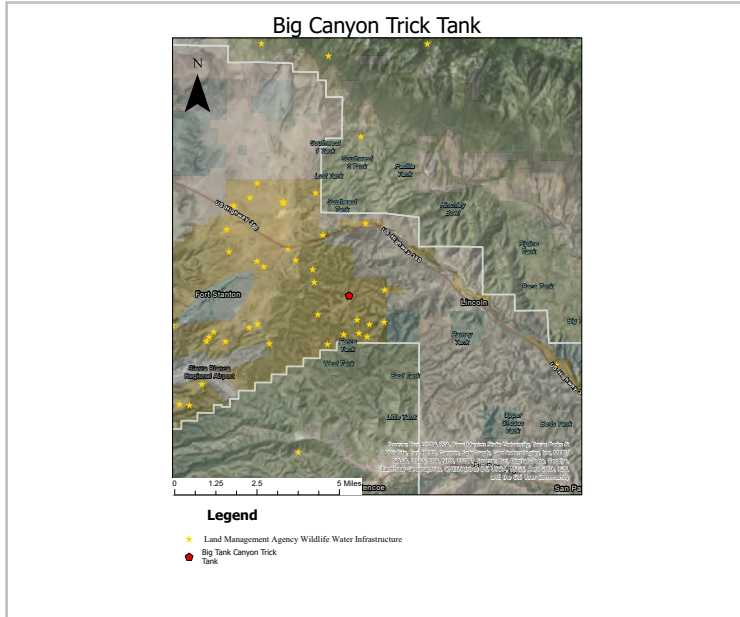
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# Big Canyon Trick Tank Rebuild

Roswell Field Office - BLM



JPEG TOPO Map of Vicinity of water source, showing other water locations within 5 miles

## -Rebuild-

**This water source is an inverted umbrella trick tank, and is near the end of its expected functional life. The proposed action is to completely remove all existing materials, and replace it with a modern design that will require little to no annual maintenance.**

**The NMDGF will purchase all materials and provide to the Roswell BLM for installation.**

Major Maintenance actions performed on this water source:

5,000 gallon water storage tank: \$6,000  
Rainmaker drinker - 110 box: \$1,000  
Materials/transport: \$10,000

When completed, will resemble Image 1 in appendices

**Approximate HSP Budget: \$17,000**

Water Source is Wildlife Only



Current Structure is at or near end of Life Expectancy



Location has no other water sources within 1.5 miles



Location is at least 100 yards from the closest road



Catchment Design will minimize annual maintenance needs



Proposed Fence will be of Metal Pipe material

Enclosed Area will be greater than 2 acres

**\*\*Fence Unnecessary, Fort Stanton is not part of any allotment\*\***

Land Management Agency has provided authorization for activity



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Google Earth Link