

**ARIZONA GAME AND FISH DEPARTMENT
HABITAT PARTNERSHIP PROGRAM
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

PROJECT INFORMATION	
Project Title: Sand and Road Tank Project	Project No. 09-505
Region/GMU: U30B	HPC: Sierra Vista-Douglas HPC
Project Type: Dirt tank clean out.	
Project Description: Dirt tank clean out by removing sediment from two large dirt tanks (Sand and Road) that have silted in over time. The two tanks were constructed in the 1940's and currently provide seasonal/ limited water sources due to the lack of capacity.	
Wildlife Species to Benefit: Mule Deer, Javelina, Quail (Gambles and Scaled)	
Possible Funding Partners:	
Implementation Schedule: Beginning: Spring 2010 Completed: Spring 2010	NEPA Compliance: (if applicable) Completed: Yes ___ No <u>X</u> ___ Projected Completion Date:
PROJECT FUNDING	
SBG Funds Requested: \$ 4,160.00	
Cost Share Funds: \$ 9,000.00	
Total Project Costs: \$ 13,160.00	
PARTICIPANT INFORMATION	
Applicant: Brad Fulk (please print) Telephone: 520-803-9068	Address: PO Box 1030 Hereford, AZ 85615
AGFD Contact and Phone No. (If applicant is not AGFD personnel)	
Coordinated with: Harvey Allen – Ranch Owner	Date: 8/28/09
Applicant's signature: Brad Fulk	Date: 8/28/09

SEND COMPLETED APPLICATIONS TO:

AZ Game and Fish Department
Attn: Game Branch
5000 W. Carefree Highway
Phoenix, AZ 85086
rgregory@azgfd.gov

WAS PROJECT PRESENTED TO THE LOCAL HPC?

YES _____ NO X_____

The project was developed after the past HPC meeting as the result of a pending Access Stewardship. It will be presented at our next meeting in November.

HAS PROJECT BEEN SUBMITTED IN PREVIOUS YEARS? IF SO WAS IT FUNDED? No

NEED STATEMENT/PROBLEM ANALYSIS: Water is a critical resources in the arid Southwest and can positively benefit all wildlife species directly and indirectly by improving grazing regimes on rangelands. The range conditions in the project is improving due to extensive efforts by the ranch owner/lessee of the State Land, which these two dirt tank are located on. These past and current efforts by the rancher includes grubbing approximately 1000 acres of private property in the past with plans to grub an additional 1000 acres of private property in mesquite infested high desert grassland. In addition to these range improvements, 5 wells have been drilled to provide permanent water to the majority of the ranch, resulting in new pastures dividing the range to improve the cattle distribution as additional water sources were developed. The Sand and Road Tanks are typically dry year long, with the Sand Tank occasionally holding water for up to 3 months a year during good monsoon events. The two tanks are located approximately 1.25 miles apart and are located 1.25 to 2.5 miles from a permanent water (Coyote Well). A large herd of Mule Deer are on the ranch and will directly benefit from the improvement of the two dirt tanks, as well as the quail species on the ranch.

PROJECT OBJECTIVES:

Improve permanent water availability and holding capacity of Sand, and Road Tank for Mule Deer, Javelina and Quail species on the Allen Ranch. Allow for improved range management by distributing grazing regimes on the ranch with available water sources while improving habitat conditions to provide cover for all wildlife species and restoring the high desert grassland.

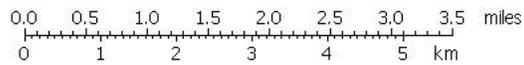
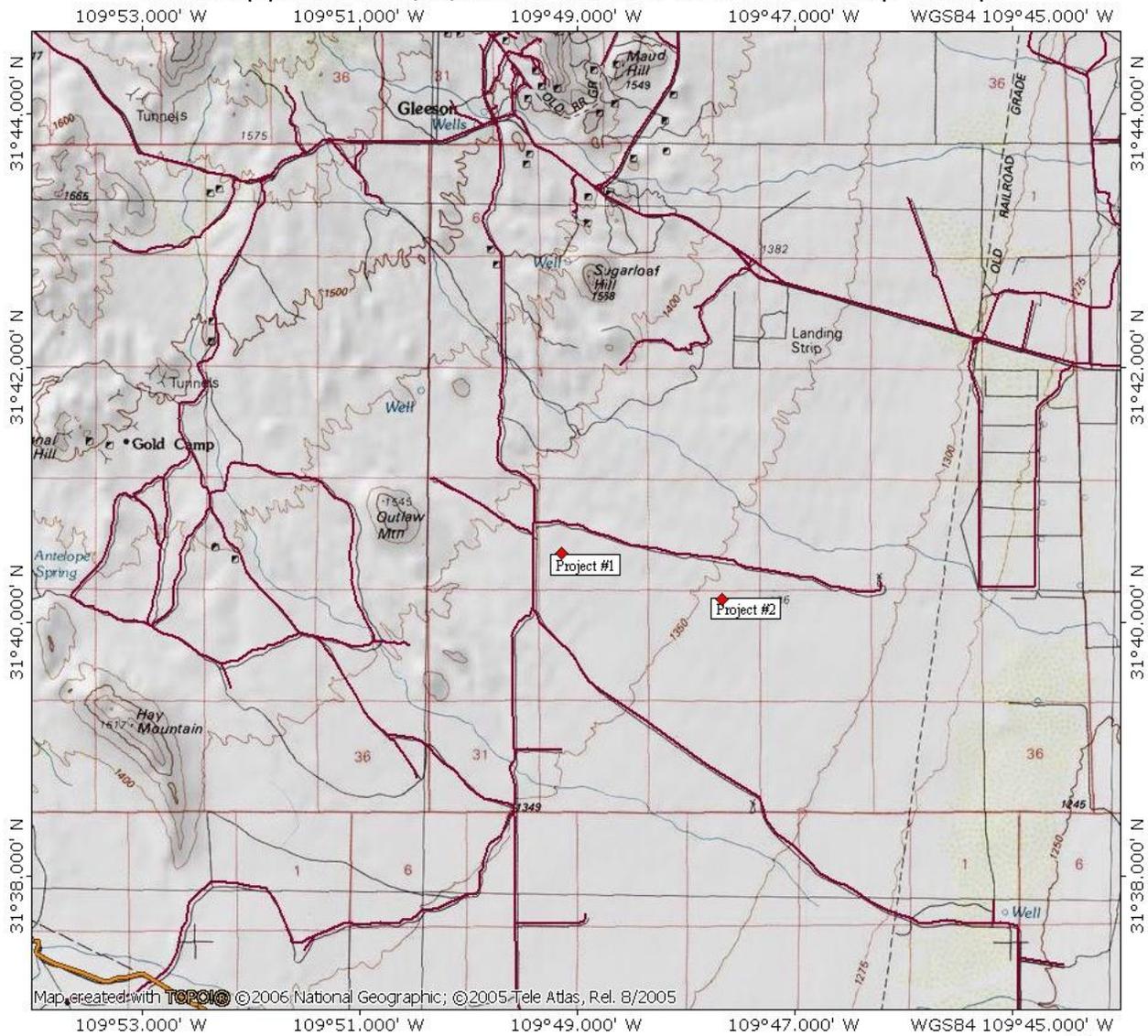
PROJECT STRATEGIES:

Remove the sediment from Sand and Road Tank to allow for improved water holding capacity and create a permanent water source on the Allen Ranch for Mule Deer, Javelina, and Quail species.

PROJECT LOCATION:

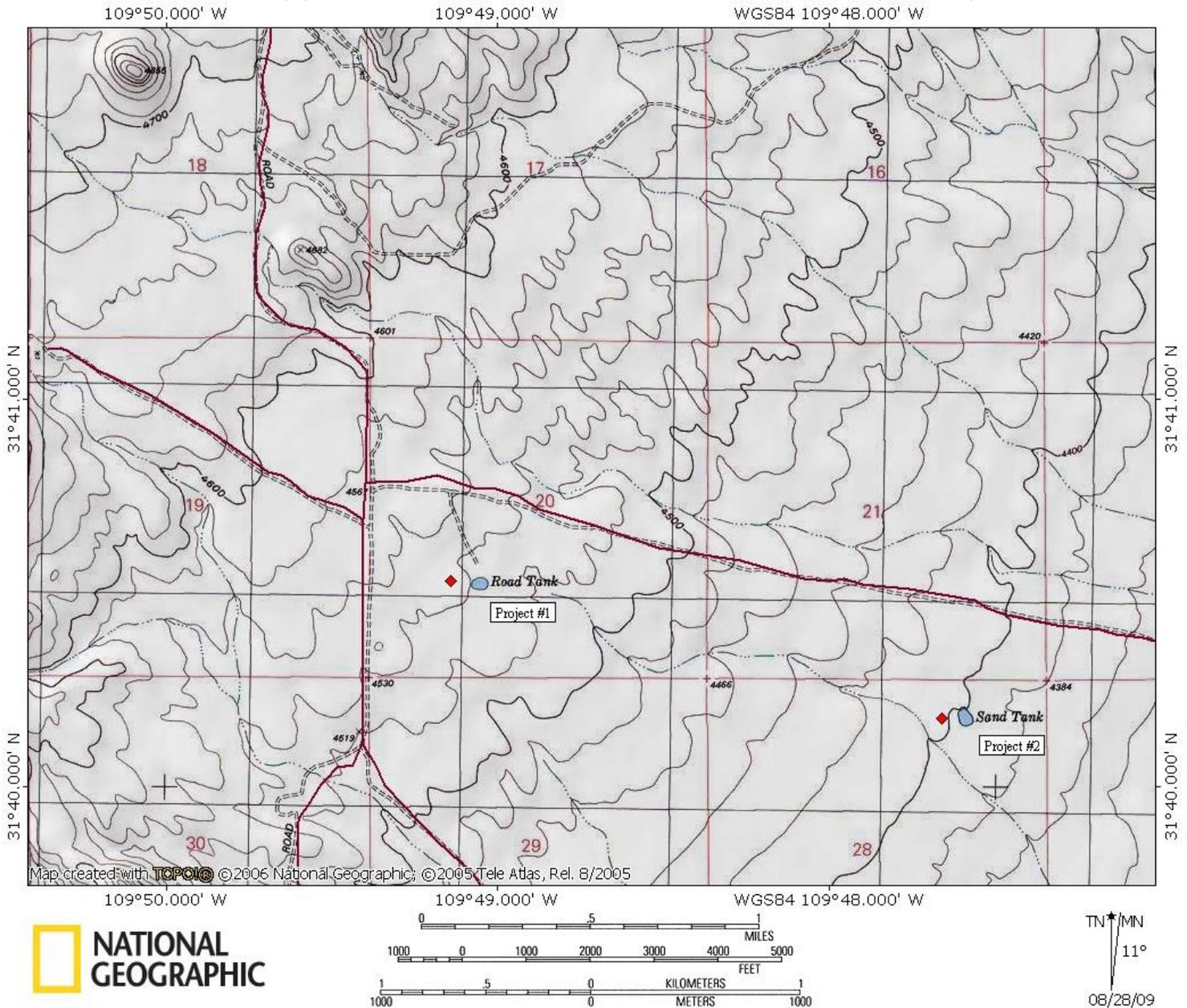
The two dirt tanks are located on State Land, T20S, R25E, northeast ¼ of Section 28 (Sand Tank) and southwest ¼ Section 20 (Road Tank), Cochise County, Arizona – Game Management U30B. (see maps)

TOPO! map printed on 08/28/09 from "Road and Sand Tank HPC Map-U30B.tpo"



TN 11° MN
08/28/09

TOPO! map printed on 08/28/09 from "Road and Sand Tank HPC Map-U30B.tpo"



LAND OWNERSHIP AT PROJECT SITE (Please state specifically if PRIVATE PROPERTY and provide landowner's name):

The project is on State Land leased by Harvey Allen of the Allen Ranch.

IF PRIVATE PROPERTY, IS THERE A STEWARDSHIP AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?

The Ranch Owner and the Arizona Game and Fish Department is currently working on a pending

(revised 7-02-2007)

Access Stewardship Agreement to allow Sportsmen's access on and across private property.

HABITAT DESCRIPTION:

Mesquite encroached High desert Grassland. The elevation is 4535' at Road Tank and 4400' at Sand Tank.

ITEMIZED USE OF FUNDS:

Sand and Road Tank:

Cost Share Funds (Rancher Match)

1 - D9 Bulldozer @ \$75.00 per hour x 10 hour/day x 3 days=\$2250.00 per tank (x2 tanks) = \$4500.00

1 - Front End Loader 75.00 per hour x 10 hour/day x 3 days=\$2250.00 per tank (x2 tanks) = \$4500.00

Total Cost Share - \$9000.00

SBG Funds (requested)

Diesel Fuel @\$2.20/gallon with 100 gallons used per day for the Bulldozer and 100 gallons used per day for the Loader =\$440.00 per day X 3 days=\$880.00 per tank (x2 tanks) = \$1760.00 (Fuel Cost)

Labor @20.00/hour x 10 hour/day x 3 days x two operators =\$1200.00 per tank (x2 tanks) = \$2400.00 (Labor Cost)

Total SBG Funds - \$4160.00 (Fuel and Labor)

LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

Harvey Allen – Allen Ranch Owner

Brad Fulk – Field Supervisor, Region V, Arizona Game and Fish Department.

Matt Walton- Landowner Relations Coordinator, Region V, Arizona Game and Fish Department.

PROJECT MONITORING PLAN:

Documentation with photographs of the condition of both dirt tanks prior to and after project completion.

PROJECT MAINTENANCE:

Periodic removal of sediment with heavy equipment by the Allen Ranch.

PROJECT COMPLETION REPORT TO BE FILED BY:

Brad Fulk – Arizona Game and Fish Department

WATER DEVELOPMENT PROJECTS (see attached worksheet):

TREE SHEARING (AGRA-AXE, PUSH) PROJECTS (see attached worksheet):

ARIZONA GAME AND FISH DEPARTMENT
WATER DEVELOPMENT WORKSHEET

PROJECT NAME: NA

- 1) Is the water development listed as a priority in the most recent "Wildlife Water Development Annual Implementation Schedule?" **NO**
- 2) Please list the Development Branch personnel and date coordinated with for this project. **NA**
- 3) What is the estimated annual inches of precipitation for the area? (mark one)
 2-4 4-6 6-8 8-10 X 10-12 12-14 14-16 >16
- 4) Is there a perennial water source available to big game within four miles of this project?
 X YES (please complete #5 below) NO (skip #5 below)
- 5) For the accessible, perennial water source nearest this project:
Name of water source: Coyote Well
Type of water source (catchment, spring, dirt tank, etc.): Well
Ownership of water source: Private
Distance in miles from project: 1.25 from Sand Tank and 2.5 from Road Tank
- 6) Is the target wildlife species a result of transplant efforts? YES X NO
- 7) Please list any special land management status for the project site (i.e. Wilderness, National Park, National Monument, etc). If private land, list landowner.
- 8) Please provide the following information about access to the proposed site:
Type of access (mark one): X 2x4 vehicles 4x4 only foot only**
**If foot access only: Distance in miles: Approx. hiking time:

-- Does access to this site require crossing private or tribal lands? X YES NO

-- Please describe any restrictions to public access:
- 9) Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.
- 10) Was a site visit completed? X Yes No
If Yes, please list personnel that attended and date.

Brad Fulk, Arizona Game and Fish Department 8/21/09
Mat Walton, Arizona Game and Fish Department 8/21/09