

**Arizona Water Protection Fund
FY 2009 Grant Application Review**

Application # WPF 0371 Applicant: WILMA JENKINS
Title of Project: DOUBLE CIRCLE RANCH EROSION CONTROL
PROJECT

Additional materials were submitted with this application that could not be reproduced and distributed for review. These materials may be reviewed in person at the Arizona Water Protection Fund offices at (3550 N. Central Avenue, 4th Floor, Phoenix). The additional materials available are the following:

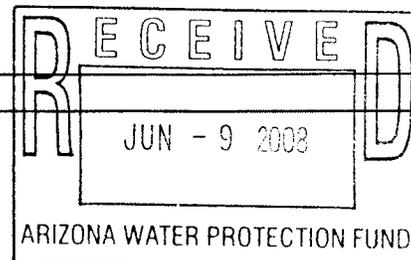
- Maps
- Photographs
- Disk APPLICATION
- Other

COPY

Arizona Water Protection Fund Application Cover Page FY 2009

WPF0371

Title of Project: Double Circle Ranch Erosion Control Project												
Type of Project: <input checked="" type="checkbox"/> Capital or Other <input type="checkbox"/> Water Conservation <input type="checkbox"/> Research	Stream Type: <input checked="" type="checkbox"/> Perennial <input checked="" type="checkbox"/> Intermittent <input type="checkbox"/> Ephemeral	Your level of commitment to maintenance of project benefits and capital improvements: <input type="checkbox"/> < 5 years <input type="checkbox"/> 5-10 years <input type="checkbox"/> 11-15 years <input checked="" type="checkbox"/> 16-20 years										
Applicant Information: Name/Organization: Wilma Jenkins Address 1: _____ Address 2: _____ City: _____ State: _____ ZIP Code: _____ Phone: _____ Fax: _____ Tax ID No.: _____		Inside an AMA: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, which AMA: <input type="checkbox"/> Phoenix <input type="checkbox"/> Tucson <input type="checkbox"/> Prescott <input type="checkbox"/> Pinal <input type="checkbox"/> Santa Cruz Type of Application: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation										
Contact Person: Name: Wilma Jenkins Title: _____ Phone: _____ Fax: _____ e-mail: _____		Any Previous AWPB Grants: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, please provide Grant #(s): 06-135WPF										
Arizona Water Protection Fund Grant Amount Requested: \$35,356.00 If the application is funded, will the Grantee intend to request an advance: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Matching Funds Obtained and Secured: <table border="1"><thead><tr><th>Applicant/Agency/Organization:</th><th>Amount (\$):</th></tr></thead><tbody><tr><td>1. Applicant</td><td>730.00</td></tr><tr><td>2. Volunteer labor</td><td>2,520.00</td></tr><tr><td>3. Agency USFS, USFWS</td><td>37,200.00</td></tr><tr><td>Total:</td><td>40,450.00</td></tr></tbody></table>		Applicant/Agency/Organization:	Amount (\$):	1. Applicant	730.00	2. Volunteer labor	2,520.00	3. Agency USFS, USFWS	37,200.00	Total:	40,450.00
Applicant/Agency/Organization:	Amount (\$):											
1. Applicant	730.00											
2. Volunteer labor	2,520.00											
3. Agency USFS, USFWS	37,200.00											
Total:	40,450.00											
Has your legal counsel or contracting authority reviewed and accepted the Grant Award Contract General Provisions? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A												
Signature of the undersigned certifies understanding and compliance with all terms, conditions and specifications in the attached application. Additionally, signature certifies that all information provided by the applicant is true and accurate. The undersigned acknowledges that intentional presentation of any false or fraudulent information, or knowingly concealing a material fact regarding this application is subject to criminal penalties as provided in A.R.S. Title 13. The Arizona Water Protection Fund Commission may approve Grant Awards with modifications to scope items, methodology, schedule, final products and/or budget.												
Wilma Jenkins	owner - _____											
Typed Name of Applicant or Applicant's Authorized Representative	Title and Telephone Number											
<i>Wilma Jenkins</i>	6/6/08											
Signature	Date Signed											



Executive Summary - Double Circle Ranch Erosion Control Project

This project involves manual installation of numerous erosion control methods including rock check dams, media lunas, splash aprons, and armoring to heal erosion and stimulate revegetation on problem areas on the Double Circle Ranch. All materials are available on site or close by. Catching silt and stopping or slowing soil loss will improve the integrity of Smith Canyon, Sheep Wash, and Eagle Creek. Excessive sediment has been shown to be the number one problem in these creeks and affects the water quality and potential habitat for aquatic and riparian species including loach minnow, spike dace, and Chiracahua Leopard frog.

Additional goals of this project are to educate the public. We will have classes on erosion and sedimentation, endangered and species of concern on the ranch, livestock as an environmental tool, and a tour with explanations of all the ongoing projects funded by AWPF, ADEQ, ADA, NRCS, AZG+F, USFWS, USFS, FSA, and ourselves. The public needs to be aware of the good works going on at the Double Circle and indeed on all of Upper Eagle Creek.

In addition to educating the public, we will involve them by giving them hands-on, down and dirty work installing rock dams, splash aprons, armoring, and media lunas. This is public land- the public needs to realize what a treasure they have here and take an active role in conservation and environmental projects on their land. Eagle Creek is a popular hunting, fishing, hiking, and swimming area –open and free to the public. We feel that public involvement will increase both awareness and appreciation of this watershed. We hope these workshops will be the beginning of many public involvement and education sessions on the Double Circle Ranch.

Project Overview - Double Circle Ranch Erosion Control Project

The Double Circle Ranch is a 36,000 acre longhorn cattle ranch in the Apache-Sitgreaves National Forest. It is located in the Eagle Creek Watershed which is a subshed of Upper Gila River Watershed. The eastern portion of the ranch has streams which feed into the Blue River. The western, and larger, portion of the ranch has an 8 mile boundary with Eagle Creek and has streams and drainages which ultimately or directly flow into Eagle Creek. Eagle Creek, Smith Canyon, and Sheep Wash all are either habitat or potential habitat for several endangered species or species of concern including but not limited to Chirachahua Leopard Frog, spike dace, loach minnow, and Gila Chub. In addition, the riparian areas are home and provide habitat for many bird and game species including Mearns Quail, Bald and Golden Eagles, Common Black-Hawk, deer, elk, bear and lion.

The overall goal of this project is to reduce sediment load into the 3 primary creeks- Smith Canyon, Sheep Wash, and Eagle Creek. Our primary objective is to construct numerous small rock dams, media lunas, splash aprons, and armoring in eroding gullies to catch silt and soil. This will stabilize the ground and allow vegetation to grow which will anchor and enrich the soil. In the past, there were some gabions and solid rock walls built for the same purpose. These have proved ineffective as water simply goes around the sides causing eventual crumbling and structural failure. New techniques of combinations of one rock dams, media lunas, splash aprons, and armoring depending on the site have proved more beneficial in trapping silt and sediment. Materials for constructing these erosion control structures are free and obtainable on site or nearby. This work is labor intensive but very effective at controlling sediment runoff to our creeks. Excessive sediment has been identified as the number one problem in Eagle Creek. Our goal is to reduce it.

A secondary objective of this project is to involve the public in the hands-on work. Three 2 or 3 day workshops are planned. One will be for students- high school and college- and the other two will be for the general public. This is public land- used for hunting, hiking, fishing, swimming, and bird watching. The public has a stake in the health of this ecosystem and should have the opportunity to join with the ranchers working here to preserve and protect the public land. We feel that people will welcome this chance to do a useful project.

A third objective of this grant is to educate the public and show them the many ongoing environmental projects on the Double Circle and in the Eagle Creek Watershed. We have been fortunate to have partnered with many agencies- both state and federal- and various private groups to accomplish major goals for the long-term enhancement of this secluded corner of Arizona. We plan tours of riparian fencing, solar water systems, cattle herding, prescribed burning, juniper thinning, and wildlife habitat seeding as part of this educational process. In addition, each evening we will have a speaker with topics such as Leopard frog recovery, wolf recovery, water monitoring, grassland monitoring, noxious weeds, pronghorn reestablishment, cattle as environmental tools, water conservation, native birds, etc. Topics will vary based on availability of agency and private speakers.

The project erosion structures are expected to last for 40+ years but will require annual monitoring and occasional maintenance. As owners of the Double Circle Ranch, we will provide this maintenance at our expense. The public outreach hopefully will continue through generations. The benefits are huge for a small outlay of capital and a lot of sweat equity. This is a small project- but the potential to reduce sediment in Eagle Creek is huge and the potential to enlist public support and educate the public is immeasurable.

Double Circle Allotment Threatened and Endangered Species and Allotment Map May 2008

Clifton Ranger District
Apache-Sitgreaves National Forests



1:24,000

Disclaimer Statement

The USDA Forest Service uses the most current and complete data available. GIS data and product accuracy may vary. Using GIS products for purposes other than those for which they were intended may yield inaccurate or misleading results. The USDA Forest Service reserves the right to correct, update, modify, or replace GIS products without notification. This map is not a legal land line or ownership document. Public lands are subject to change and leasing, and may have access restrictions; check with local offices. Obtain permission before entering private land.

Map created 05/30/08 by nloving

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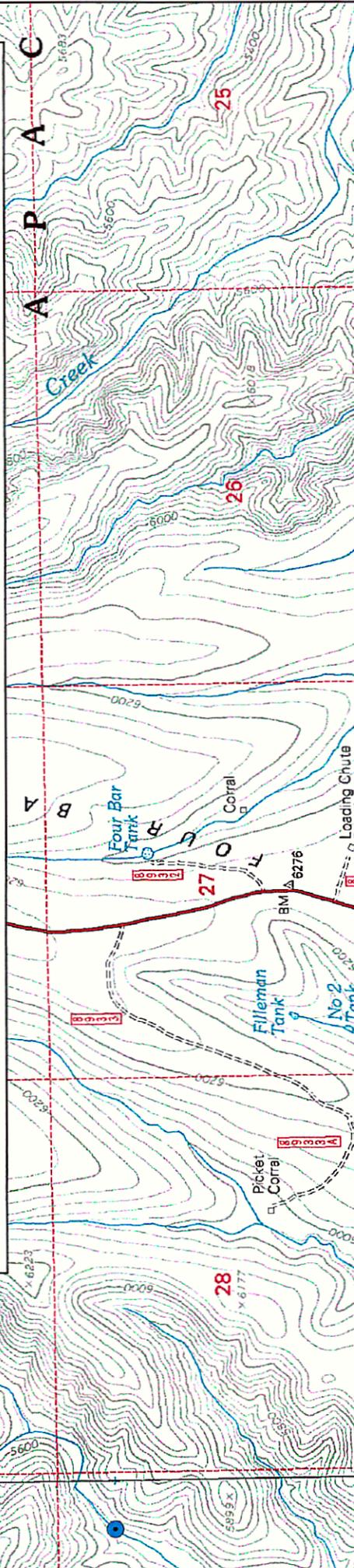
Range Improvement

- Cabin
- Corral
- Stock Tank
- Spring, Dev
- Storage, Water
- ∩ Trough
- Well
- ⊗ Windmill
- |—|—| Pipeline
- *—*— Fence
- |—|—| Natural Barrier

Threatened & Endangered Species

- Chiricahua leopard frog
- Lowland leopard frog
- Critical Habitat - Native T&E Fish
- Mexican Spotted Owl PACs
- Critical Habitat - SW Willow Flycatcher
- Base Property
- Excluded Area
- Private

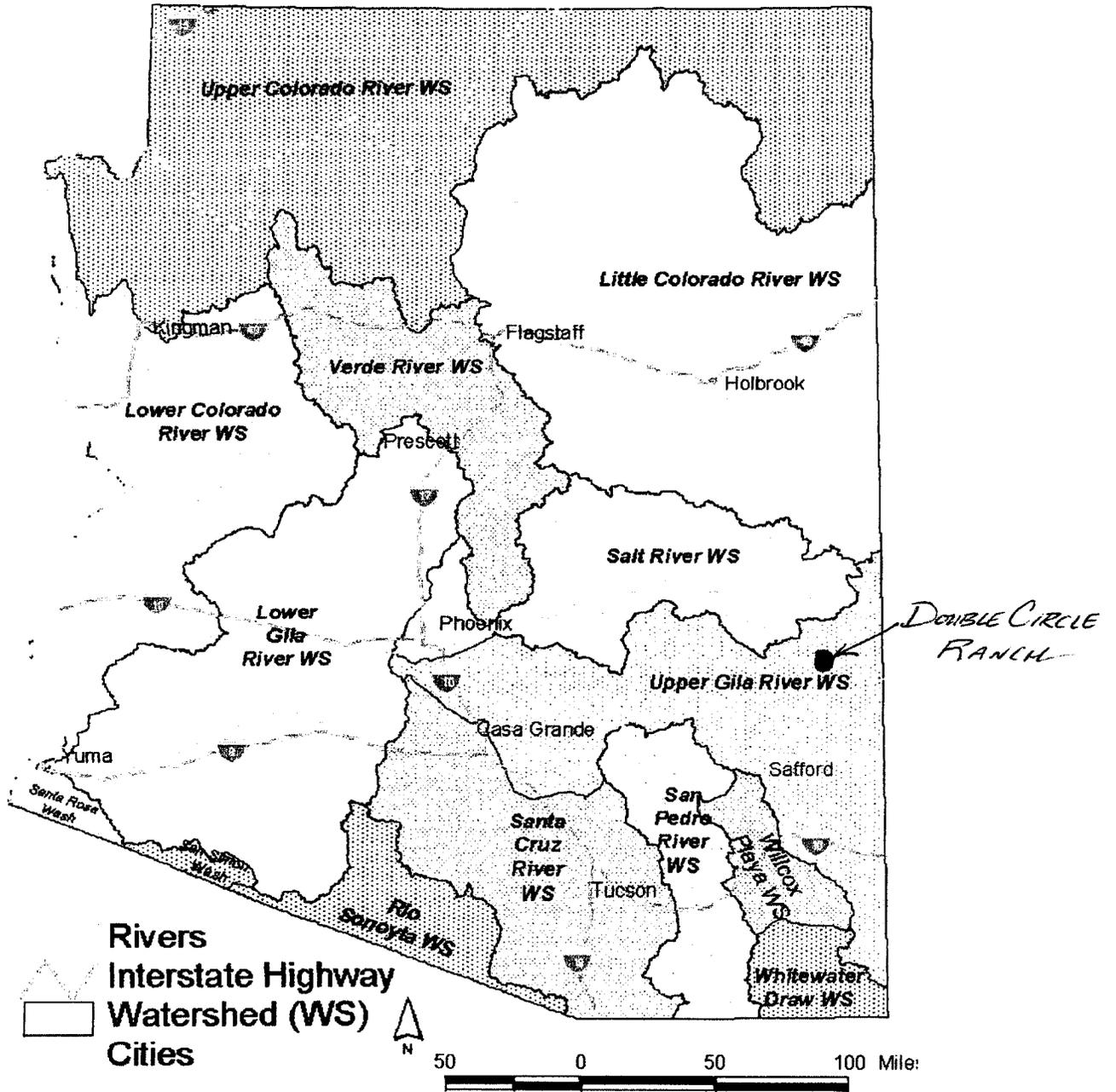
POSSIBLE LOCATIONS



**Project Location & Environmental Contaminant Information
FY 2009**

Project Location Information			
1. County: <u>Greenlee</u>	2. Section: <u>32-35, 6</u>	3. Township: <u>T1S, T2S</u>	4. Range: <u>R28E, R29E</u>
<p>5. Watershed: <u>Upper Gila River</u></p> <p>6. Name of USGS Topographic Map where project area is located: <u>Bee Canyon & Pipestem Mtn. Quads</u></p> <p>7. State Legislative District: <u>5</u> (Information available at http://156.42.40.10/mapping/default2.asp?lname=Interim.2004.Legislative.Map)</p> <p>8. Land ownership of project area: <u>USFS</u></p> <p>9. Current land use of project area: <u>leased for grazing</u></p> <p>10. Size of project area (in acres): <u>5</u></p> <p>11. Stream Name: <u>Eagle Creek, Smith Canyon, and Sheep Wash</u></p> <p>12. Length of stream through project area: <u>4 miles</u></p> <p>13. Miles of stream benefited: <u>7 miles</u></p> <p>14. Acres of riparian habitat: <u>200 acres</u> will be:</p> <p align="right"> <input checked="" type="checkbox"/> Enhanced <input type="checkbox"/> Maintained <input type="checkbox"/> Restored <input type="checkbox"/> Created </p>			
<p>15. Provide directions to the project site from the nearest city or town. List any special access requirements: Drive Hwy. 191 north from Morenci approximately 25 miles, turn left at mile marker 188, Upper Eagle Creek Road. Project phases begin at Wolf Recovery Area approximately 2.5 miles on right side of road.</p>			
Environmental Contaminant Location Information			
<p>1. Does your project site contain known environmental contaminants? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If yes, please identify the contaminant(s) and enclose data about the location and levels of contaminants:</p> <ul style="list-style-type: none"> • 			
<p>2. Are there known environmental contaminants in the project vicinity? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If yes, please identify the contaminant(s) and enclose data about the location and levels of contaminants:</p> <ul style="list-style-type: none"> • 			
<p>3. Are you asking for Arizona Water Protection Fund monies to identify whether or not environmental contaminants are present? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO</p>			

Arizona Watershed Map
FY 2009



Title of Project: Double Circle Ranch Erosion Control Project

Project Schematics – Double Circle Ranch Erosion Control Project

Task 1 of the Scope of Work details the procedure to be used to arrive at specific structures to be used to obtain the objectives for each site chosen. One rock check dams, media lunas, splash aprons, and armoring are just a few of the methods to be considered for structures which will be determined during the assessment performed in Task 1.

“Deliverable Description

Grantee and erosion specialists will prepare a detailed assessment plan for approval by AWPf and USFS. Plan will include maps and exact locations of sites, water source directly impacted by site, and type of structure with design plans for each individual site chosen.”

The specific drawings/schematics will be provided to AWPf after the assessment for final approval at that time.

Scope of Work - Double Circle Ranch Erosion Control Project

Task 1. Site Assessment

Task Description

Grantee will go out with Chris Nelson, Forest Watershed Program Manager, or his assignee and Craig Sponholtz, president of Dryland Solutions to identify and prioritize the best sites for erosion structures.

Task Purpose

To identify the sites which would benefit the most from the installation of erosion control devices to reduce the flow of sedimentation into Upper Eagle Creek and its tributaries. This would enable an assessment to be made for maximum benefit to the watershed.

Deliverable Description

Grantee and erosion specialists will prepare a detailed assessment plan for approval by AWPf and USFS. Plan will include maps and exact locations of sites, water source directly impacted by site, and type of structure with design plans for each individual site chosen.

Deliverable Due Date

2/20/09

Reimbursable Cost

\$3,163.00

Task 2. Permits and Clearances

Task Description

We would obtain all clearances and archeological surveys required, including SHPO and NEPA, if applicable.

Task Purposes

To make certain all regulations and requirements are met

Deliverable Description

Copies of approved permits and clearances will be provided to AWPf.

Deliverable Due Date

Prior to ground disturbing work

Reimbursable Cost

\$1096.00

Task 3. Submit Site Assessment Plan

Task Description

Grantee shall submit a detailed assessment plan as developed in consensus with USFS and Dryland Solutions to AWPf for approval. Plan will include maps identifying all site locations and water directly impacted at each site. Structure designs for each site will be furnished. Sites will be prioritized in order of most importance for maximum water quality improvement.

Task Purpose

To ensure consensus with all parties as to location, appropriate design for each site, and order of site importance.

Deliverable Description

Signed and approved site assessment from AWPf.

Deliverable Due Date

5/1/09

Reimbursable Cost

\$525.00

Task 4. Development of Monitoring Plan

Task Description

Grantee in conjunction with Dryland Solutions and USFS shall prepare and submit to AWPf a detailed monitoring plan to be used at each site. Monitoring will include repeatable photo points and permanent measuring devices. Revegetation and depth and width of gullies will be monitored.

Task Purpose

To develop a plan to show the success rate of slowing or stopping erosion and soil and sediment loss into water sources. To identify which structures were the most efficient for future projects.

Deliverable Description

Submit Monitoring Plan to AWPf for approval.

Deliverable Due Date

7/1/09

Reimbursable Costs

\$504.00

Task 5. Public Outreach

Task Description

The development of packages, including flyers, to inform the public of upcoming workshops as well as to promote workshops at events and to groups.

Task Purpose

To fill all available spots for erosion workshops and to let organizations know of ongoing projects at the Double Circle Ranch.

Deliverable Description

Grantee will submit copies of flyers and advertisements and a list of events attended to promote workshops to AWPF.

Deliverable Due Date

Flyers completed 5/30/09. Workshops to be held around 9/09, 11/09, and 5/10

Reimbursable Cost

\$5,414.00

Task 6. Implement Assessment Plan

Task Description

Grantee would host first workshop led by Craig Sponholtz in summer of '09 and install as many erosion control devices as time allows. Evenings will have educational programs such as endangered species, monitoring TMLD, determining PFC, cattle as environmental tools, bird identification, wolf recovery program, etc. Programs will be based on availability of speakers. Priority will be given to agency speakers such as AzG+F, US FWS, USFS, etc.

Task Purpose

First, to slow water flow and promote revegetation, thereby trapping soil and reducing sediment into Smith Canyon, Sheep Wash, and Eagle Creek. Second, to educate the public in sound conservation practices and to involve them in ongoing work on public land.

Deliverable Description

Pictures will be taken during construction and of completed erosion structures. Comments from volunteers and suggestions for future workshops.

Deliverable Due Date

9/2009 for 1st workshop (Dates may be adjusted to fit Dryland Solutions
11/2009 2nd workshop schedule and weather conditions.)
5/2010 3rd workshop

Reimbursable Cost
\$23,308.00

Task 7. Implement Monitoring Plan

Task Description.

Grantee will initiate monitoring upon completion of erosion projects as specified in Monitoring Plan. Permanent measuring devices will be installed at sites as erosion devices are completed, and permanent photo points will be established.

Task Purpose

To monitor the amount of sediment trapped with erosion control devices. To determine for future projects which erosion structure is the most effective in reducing stream sediment loads.

Deliverable Description

Copies of photos and measurements to be provided to AWPf every November for 3 years.

Deliverable Due Date

November 1/2010, November 1/2011, and November 1/2012

Reimbursable Cost

\$863.00

Task 8. Final Report

Task Description

Grantee will furnish a written final report showing work accomplished and including critiques from participants- both speakers and volunteers.

Task Purpose

To show progress made in slowing erosion thereby reducing stream sediment load and to show public response to and increase awareness of conservation issues in the Upper Eagle Creek Watershed.

Deliverable Description

Written report with photos

Deliverable Due Date

December 1/2012

Reimbursable Cost

\$525.00

Double Circle Ranch Erosion Control Project

DETAILED BUDGET BREAKDOWN

TASK NUMBER	DIRECT LABOR COSTS	OUTSIDE SERVICES	OTHER DIRECT COSTS	CAPITAL OUTLAY	ADMINISTRATIVE COSTS
Task 1	\$432.00	\$2,310.00	\$532.00	\$20.00	\$151.00
Task 1: \$3,163.00	Site assessment grantee labor 24hrs @ \$18/hr.	1 erosion specialist 3.5 days @ \$660 per day	Mileage 860 mi @.48/mi. = \$413 and per diem of \$34 for 3 days= \$119	Copies of USFS maps	5% of Task 1 total
Task 2	\$144.00	\$900.00	0	0	\$52.00
Task 2: \$1,096.00	Time w/arch. on surveys, grantee 8hrs. @ \$18/hr.	For expense of arch survey, NEPA if needed			5% of Task 2 total
Task 3	\$500.00	0	0	0	\$25.00
Task 3: \$525.00	Submit site assessment plan, maps, schematics, etc. for approval grantee 28hrs. @ \$18/hr.				5% of Task 3 total
Task 4	\$150.00	\$330.00	0	0	\$24.00
Task 4: \$504.00	Development of monitoring plan grantee 8.3 hrs. @ \$18/hr.	Erosion specialist 1/2 day @ \$660 /day			5% of Task 4 total

Task 5	\$500.00	\$4000.00	\$356.00	\$300.00	\$258.00
Task 5: \$5,414.00	Public outreach, promotion and advertisement grantee 28 hrs. @ \$18/hr.	Design fliers, book participants, take photos	promotional mileage, 800 mi @ .445/mi.	Postage and ads	5% of Task 5 total
Task 6	\$500.00	\$10,440.00	\$ 10,258.00	\$1,000.00	\$1,110.00
Task 6: \$23,308.00	Haul rock and prepare sites, grantee 28 hrs. @ \$18/hr.	1 erosion specialists @ \$660/day for 9 days = \$5,940 and 1 erosion assistant @ \$300/day for 9 days = \$2,700 and 6 lecturers @ \$300/day = \$1,800	Fuel on ranch- 900 miles @ \$.445/mi. = \$400. Erosion specialist 860 miles x 3 workshops = 2,580 mi. @ \$.48/mi = \$1,238. Per diem for volunteers- \$34/day x 20 people x 9 days = \$6,120.00. Use of 4 wheeler- 10 days @ \$80/day = \$800 and 2 pickups- 10 days @ \$85/day each = \$1,700	Gloves, shovels, picks, misc. hand tools	5% of Task 6 total
Task 7	\$500.00	0	\$322.00	0	\$41.00
Task 7: \$863.00	3 yrs. Of monitoring, photo points, reports, etc. 28hrs. @ \$18/hr.		150 miles @ \$.445 = \$67 Use of truck 3 days @ \$85/day = \$255		5% of Task 7 total

Task 8	\$500.00	0	0	0	\$25.00
Task 8: \$525.00	Prepare and submit final report 28 hrs. @ \$18/hr				5% of Task 8 total

Total Cost \$35,356.00	\$3,226.00	\$17,980.00	\$11,146.00	\$1,320.00	\$1,684.00
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**Double Circle Ranch Erosion Control Project
MATCHING FUNDS BREAKDOWN**

TASKS	DIRECT LABOR COSTS	OTHER DIRECT COSTS	OUTSIDE SERVICES	CAPITAL OUTLAY	ADMINISTRATIVE COSTS
Task 1			USFS rep. - \$200	Computer/camera use - \$15	
Task 2			USFS rep. - \$500		
Task 3					
Task 4	Rancher labor - \$500 Volunteer labor - 20 people x 18hrs x \$7hr. = \$2,520		USFWS Fish Passage grant - \$32,000 and USFWS Wildlife habitat seeding - \$4,500	Photography - \$200	
Task 5				Computer paper -\$15	
Task 6					
TOTALS	\$3,020.00		\$37,200.00	\$230.00	

Total matching funds: \$40,450.00

This project compliments both the earlier AWPf fencing projects and the two Double Circle Ranch - Eagle Creek Restoration Projects which provided riparian fencing along Eagle Creek, Smith Canyon, and Sheep Wash. All of these projects, plus the two USFWS projects at NO Bar/Smith Canyon and the two ADA water system development projects, are aimed at improving water quality and rangeland health in the Eagle Creek Watershed.

STATE HISTORIC PRESERVATION OFFICE Review Form

In accordance with the State Historic Preservation Act (SHPO), A.R.S. 41-861 *et seq.*, effective July 24, 1982, each State agency must consider the potential of activities or projects to impact significant cultural resources. Also, each State agency is required to consult with the State Historic Preservation Officer with regard to those activities or projects that may impact cultural resources. Therefore, it is understood that recipients of state funds are required to comply with this law throughout the project period. All projects that affect the ground-surface that are funded by AWPf require SHPO clearance, including those on private and federal lands.

The State Historic Preservation Office (SHPO) must review each grant application recommended for funding in order to determine the effect, if any, a proposed project may have on archaeological or cultural resources. To assist the SHPO in this review, the following information **MUST** be submitted with each application for funding assistance:

- A completed copy of this form, and
 - A United States Geological Survey (USGS) 7.5 minute map
 - A copy of the cultural resources survey report if a survey of the property has been conducted, and
 - A copy of any comments of the land managing agency/landowner (i.e., state, federal, county, municipal) on potential impacts of the project on historic properties.
- NOTE: If a federal agency is involved, the agency must consult with SHPO pursuant to the National Historic Preservation Act (NHPA); a state agency must consult with SHPO pursuant to the State Historic Preservation Act (SHPA),
- OR**
- A copy of SHPO comments if the survey report has already been reviewed by SHPO.

Please answer the following questions:

1. Grant Program: AWPF FY2009
2. Project Title: Double Circle Ranch Erosion Control Project
3. Applicant Name and Address: Wilma Jenkins, PO Box 1151, Clifton, Az. 85533
4. Current Land Owner/Manager(s): Wilma Jenkins
5. Project Location, including Township, Range, Section: T1S, R28E, S32, 33, 34, 35 and T2S, R29E, S6
6. Total Project Area in Acres (or total miles if trail): 4 acres
7. Does the proposed project have the potential to disturb the surface and/or subsurface of the ground?
 YES NO
8. Please provide a brief description of the proposed project and specifically identify any surface or subsurface impacts that are expected: we will be constructing erosion control devices in gullies to prevent or slow down erosion.
9. Describe the condition of the current ground surface within the entire project boundary area (for example, is the ground in a natural undisturbed condition, or has it been bladed, paved, graded, etc.). Estimate

horizontal and vertical extent of existing disturbance. Also, attach photographs of project area to document condition: natural undisturbed

10. Are there any known prehistoric and/or historic archaeological sites in or near the project area?
YES NO

11. Has the project area been previously surveyed for cultural resources by a qualified archaeologist?
YES NO UNKNOWN

If YES, submit a copy of the survey report. Please attach any comments on the survey report made by the managing agency and/or SHPO

12. Are there any buildings or structures (including mines, bridges, dams, canals, etc.), which are 50-years or older in or adjacent to the project area? YES NO

If YES, complete an Arizona Historic Property Inventory Form for each building or structure, attach it to this form and submit it with your application.

13. Is your project area within or near a historic district? YES NO

If YES, name of the district:

Please sign on the line below certifying all information provided for this application is accurate to the best of your knowledge.

Wilma Jenkins 16/6/08
Applicant Signature /Date

WILMA JENKINS
Applicant Printed Name

FOR SHPO USE ONLY

SHPO Finding:

- Funding this project will not affect historic properties.
 Survey necessary -- further GRANTS/SHPO consultation required (*grant funds will not be released until consultation has been completed*)
 Cultural resources present -- further GRANTS/SHPO consultation required (*grant funds will not be released until consultation has been completed*)

SHPO Comments

For State Historic Preservation Office:

Date:

Key Personnel - Double Circle Ranch Erosion Control Project

Erosion Control Specialist
Lecturers
Project Coordinator

Craig Sponholtz
Dave Henson, AZ G+F, USFWS, USFS, *
Douglas Dressler

*Please note that all lecturers are tentative and subject to availability when we have confirmed dates. Subjects for lectures include but are not limited to Stream PFC Functioning, Endangered Species including Chiracahua Leopard Frog and Spikedace, Monitoring for Water Quality, Water Conservation, Herding as Range Tool, and Riparian Vegetation.

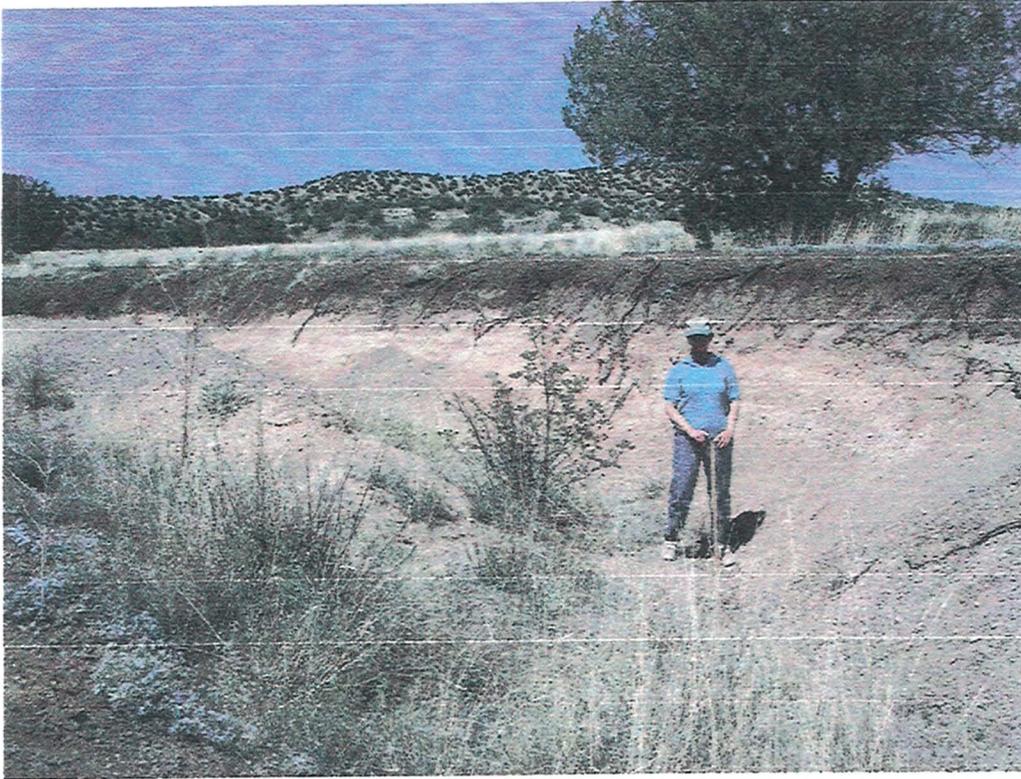
Craig Sponholtz - President of Dryland Solutions. He has a Masters in Agro Ecological Restoration. Lecturer and workshop presenter for Quivera Coalition, former Forest Service and Earth Institute employee

Douglas Dressler – Part owner of Double Circle Ranch. He has been project coordinator for AWPf, ADA, ADEQ, and NRCS grants.



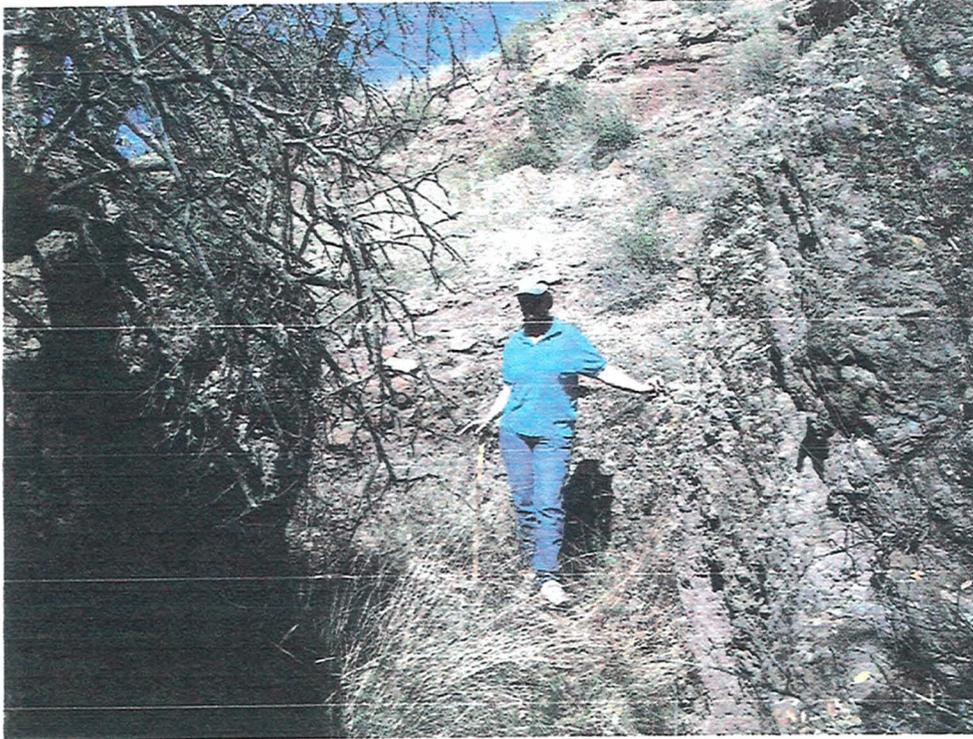
**Eagle Creek drainage erosion example
Site 1**

This photo is representative of the erosion we are seeing in the canyons draining into Eagle Creek. We would decide the best ones to concentrate on for our workshops after conferring with a specialist and the USFS.



**Sheep Wash drainage erosion example
Site 2**

Numerous drainage ditches such as this empty directly into Sheep Wash and the best ones to attempt to correct will be decided on later.



**Smith Canyon drainage erosion example
Site 3**

Smith Canyon is rougher and rockier than the other locations. As seen in the photo, the erosion is narrower and deeper which will require a different style of rock work to slow down the erosion.

Monitoring Plan - Double Circle Ranch Erosion Control Project

All sites will have permanent photo points and a permanent measuring stick to show depth and width of eroded areas prior to erosion structures. Measurement of depth and width and new photos will be taken every November for 3 years to show amount of fill and revegetation that is occurring. In addition, we will forward David Henson's water quality reports and monitoring information that he is gathering for the ongoing ADEQ Eagle Creek Restoration Grant. This includes sediment load info which we expect to see decrease over time.



United States
Department of
Agriculture

Apache-Sitgreaves
National Forests

P.O. Box 640
Springerville, AZ 85938-0640
(928) 333-4301 FAX: 333-5966
TTY: (928) 333-6292

File Code: 2240/1580
Date: June 4, 2008

Ms. Wilma Jenkins
PO Box 1151
Clifton, AZ 85533

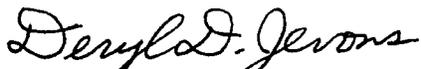
Dear Ms. Jenkins:

I received the summary of your grant proposal for the Arizona Water Protection Fund Grant. I congratulate you on such a well written and concise description of the resource problems that occur on the Double Circles Allotment on the Clifton Ranger District. The three objectives of your grant proposal are: reduction of sediment into Smith Canyon, Sheep Wash, and Eagle Creek; involvement of the public to implement the sediment reduction projects; and education of the public of ongoing environmental projects associated with the Double Circles Allotment are all priorities that are recognized by the Forests.

I am pleased to offer the Forests support for this grant application. As you proceed with the process, I request that you coordinate with Chris Nelson, Forests Watershed Program Manager, to assist in the determination of the best location for the sediment reduction projects. Chris will also be able to assist you in the design of the projects.

Should you have any further questions, please contact Deb Bumpus, Ecosystem Staff Officer, at 928-333-6302 or email at dbumpus@fs.fed.us.

Sincerely,


DERYL D. JEVONS
Acting Forest Supervisor

Enclosures



UPPER EAGLE CREEK WATERSHED ASSOCIATION



May 28, 2008

Arizona Water Protection Fund
500 North Third Street
Phoenix, AZ 85504

RE: Letter of Support
Double Circles Ranch

Chase Caldwell
President

Dear Commissioners:

Nick Ewing
Vice President

This letter is written in support of the application submitted by Wilma Jenkins and Doug Dressler for the Double Circles Ranch in Greenlee County, Arizona. The UECWA endorses this Erosion Control Project as an important piece of work in maintaining clean waters in our watershed and as an opportunity for training and education within the community.

Darcy Ely
Secretary

The Double Circles Ranch owners have been active and supportive members in the Upper Eagle Creek Watershed Association. They have demonstrated their commitment to the protection and improvement of the watershed.

Shirley Winkle
Treasurer

Gary Ely

The UECWA endorses the work of the Double Circles Ranch as an integral part of the overall goals of the Association to protect and preserve the sensitive riparian and wetlands within the watershed.

Pamela Ewing

Twig Winkle

They have worked diligently to develop and execute plans for the conservation and rehabilitation of the riparian and upland areas of the watershed. These ranchers have participated in monthly planning meetings, training sessions in monitoring of vegetation and the numerous guest speakers teaching methods for resource conservation and protection.

Executive Director
Carol Hayes

It is a privilege to support and endorse the Double Circles Ranch in their application for this grant program.

Sincerely,

Chase Caldwell
President



**U.S. Fish and Wildlife Service
Arizona Fish and Wildlife Conservation Office
Partners for Fish and Wildlife Program
P.O. Box 39, Pinetop, Arizona 85935
928/338-4288, 928/338-4763 Fax**



June 2, 2008

Arizona Water Protection Fund Commission
Arizona Department of Water Resources
3550 N. Central Ave.
Phoenix, Arizona 85012

Re: Double Circle Ranch Erosion Control Project

Dear Arizona Water Protection Fund Commissioners:

The U.S. Fish and Wildlife Service, Arizona National Fish and Wildlife Conservation Office's Partners for Fish and Wildlife Program (Service) would like to express its support for the Double Circle Ranch Erosion Control Project located near Clifton, AZ on the Double Circle Ranch owned by Wilma Jenkins. As a stakeholder, we appreciate the opportunity the project provides to reduce erosion and sediment losses that will improve fish and wildlife habitat in this environment.

We understand that the purpose of the project is to reduce erosion and sedimentation through the installment of various structures throughout the Eagle Creek watershed. Erosion is probably the most significant threat to the integrity of this important watershed and we believe this project will go a long way in mitigating those losses which will improve fish and wildlife habitat, especially for federally listed species like the loach minnow, spikedace, Chiracahua leopard frog, southwestern willow flycatcher, and yellow-billed cuckoo.

The Service recognizes the investment in this project requested of the AWPf and is enthusiastic about the opportunity to provide support and assistance for enhancing the Eagle Creek watershed, especially Smith Canyon and Sheep Wash. We agree to work closely with the grantee and provide technical assistance and to see this project to completion and to help with its success into the future.

If you have any questions or concerns, please do not hesitate to contact me at (928) 338-4288 ext. 25 or at Marty_Underwood@fws.gov.

Sincerely,

Martin Underwood
Partners for Fish and Wildlife Biologist



656 N. Bisbee Avenue
Willcox, AZ 85643
(520) 384-2229 x122
Fax: (520) 384-2735

May 20, 2008

Arizona Water Protection Fund Commission
Arizona Department of Water Resources
3550 North Central Avenue
Phoenix, AZ 85012

Dear Commissioners,

The Coronado Resource Conservation & Development Area encourages your consideration of funding the "Double Circle Ranch Erosion Control Project". This project will implement erosion control practices within Eagle Creek and two of its major tributaries, Smith Canyon and Sheep Wash.

As an RC&D Council, we have worked with the Double Circle Ranch for the past three years on various grant funded projects that benefit Eagle Creek and the watershed above it. The ranch owners/operators are committed to the natural landscape they live on. They are knowledgeable on water resources, threatened and endangered species and practices that support them. This project will reduce bank erosion, protecting the riparian areas so critical to the health of the creeks.

In their history of working with the RC&D Council, the Double Circle Ranch has submitted complete, comprehensive reports of activities and accurate invoices 100% of the time. They have the capability to complete the tasks they have outlined and make this an excellent project.

Sincerely,

John E. Hays, President

Arizona Water Protection Fund Commission

DEBORAH K. GALE
County Administrator *(928) 865-2310
Clerk of the Board *(928) 865-2072

FACSIMILE # (928) 865-9332



AMY McCULLAR
District 1
HECTOR RUEDAS
District 2
RICHARD LUNT
District 3

BOARD OF SUPERVISORS
P.O. BOX 908
253 5TH STREET
CLIFTON, ARIZONA 85533

June 3, 2008

Arizona Water Protection Fund
c/o Department of Water Resources
3550 N. Central Avenue
Phoenix, AZ 85012

To Whom It May Concern:

This letter is in support of the grant application submitted by the Double Circle Ranch for the purpose of obtaining funding necessary for the Double Circle Ranch Erosion Control Project in the Upper Eagle Creek area located in Greenlee County.

The grant request involves manual installation of numerous erosion control methods to catch silt which will control soil loss which in turn will improve water quality and habitat for aquatic and riparian species.

Public education regarding erosion and sedimentation including hands-on installation of erosion control methods is planned to give the public an active role and education in conserving their land.

Serious consideration of this grant application is appreciated.

Sincerely,

A handwritten signature in cursive script, reading 'Deborah K. Gale', is written over a horizontal line.

Deborah K. Gale
County Administrator
Greenlee County

Jim and Clarice Holder
PO Box 1326
Clifton, Arizona 85533
holderranch@yahoo.com
928-965-1119 – Message phone only

Arizona Water Protection Fund Commission
Arizona Department of Water Resources
3550 N. Central Ave.
Phoenix, Arizona 85012

May 28, 2008

Re: Double Circle Ranch Erosion Control Project

Dear Arizona Water Protection Fund Commissioners:

As neighbors of Wilma Jenkins who owns the Double Circle Ranch we would like to express our support for the Double Circle Ranch Erosion Control Project located near Clifton, Arizona. As a stakeholder, we appreciate the opportunity the project provides to enhance riparian corridor function and wildlife habitat in this environment. She is interested in putting on a work shop to education people on erosion control and at the same time do some erosion control projects while the people are getting a hands on learning project.

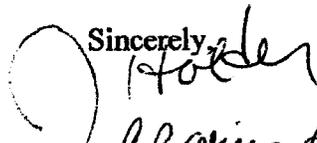
We have combined our herd with the Double Circles in order to improve the positive effects of a larger herd moving more like the natural wildlife herd used to work the land. The herd goes onto an area and then is removed with a more intense disturbance of the soil and then off again so that the soil is worked and then rested for two years or more depending what we are trying to accomplish with the land. We have gone to an all steer longhorn herd which when they reach their full potential of growth will made it very hard for the predators to do any damage to the animals.

This project is another way the Double Circles is working to improve and upgrade their ranch. We are seeing more wildlife and new species of wildlife since they have purchased the ranch and are improving the uplands as well as the riparian areas.

We understand that the purpose of the project is to enhance native plant communities and improve the stream function of the wash while educating other interested students of the land.

We recognize the investment in this project requested of the AWPf and the improvements it will add to our local area and are enthusiastic about the opportunity to provide support and assistance for enhancing the Eagle Creek drainage area. We agree to work closely with the grantee as well as other stakeholders to see this project to completion and to help with its success into the future.

If you have any questions or concerns, please do not hesitate to contact us.

Sincerely,

Clarice Holder
Jim and Clarice Holder

TERM GRAZING PERMIT - PARTS 1 AND 2 (Reference FSM 2230)	Page 1 of 15
	Permittee Number: 030001
	Permit Number: 030001

PART 1

Wilma Ann Jenkins and Douglas A. Dressler of P.O. Box 162, Myakka City, Florida 34251 hereinafter
 (Name of Permittee) (Post Office Address, Including Zip)

called the permittee, is hereby authorized to graze livestock owned by the permittee upon designated lands administered by the Forest Service within the Apache - Sitgreaves (X appropriate box)
 National Forest's National Grassland under the following terms and conditions:

1. Description of range. The livestock shall be grazed only upon the area described as follows: described on page 8 and delineated on the attached maps dated 3/8/04, which are part of this permit. (Strike out item or items not applicable.)

Double Circles Allotment on the Clifton Ranger District, Apache-Sitgreaves National Forest's as described in Part 3, page 8, of this permit.

2. The number, kind, and class of livestock, period of use, and grazing allotment on which the livestock are permitted to graze are as follows, unless modified by the Forest Service in the Bill for Collection:

LIVESTOCK			PERIOD OF USE		GRAZING ALLOTMENT
NUMBER	KIND	CLASS	FROM	TO	
400	Cattle	Cow/calf	March 1	February 28	Double Circle

3. It is fully understood and agreed that this permit may be suspended or cancelled, in whole or in part, after written notice, for failure to comply with any of the terms and conditions specified in Parts 1, 2, and 3 hereof, or any of the regulations of the Secretary of Agriculture on which this permit is based, or the instructions of Forest officers issued thereunder; or for knowingly and willingly making a false statement or representation in the permittee's grazing application, and amendments thereto; or for conviction for failure to comply with Federal laws or regulations or State and local laws relating to livestock control and to protection of air, water, soils and vegetation, fish and wildlife, and other environmental values when exercising the grazing use authorized by the permit. This permit can also be cancelled, in whole or in part, or otherwise modified, at any time during the term to conform with needed changes brought about by law, regulation, Executive order, allotment management plans, land management planning, numbers permitted or seasons of use necessary because of resource conditions, or the lands described otherwise being unavailable for grazing. Any suspension or cancellation action may be appealed pursuant to 36 CFR 251, Subpart C.

4. This permit supersedes permit March 29, 2001 to Bar X Ranch Conservatory, Inc. issued

I HAVE REVIEWED AND ACCEPT THE TERMS OF THIS PERMIT

SIGNATURE OF PERMITTEE OR HIS AUTHORIZED AGENT			DATE
<i>Wilma Ann Jenkins Douglas A Dressler</i>			3-8-04
SIGNATURE OF FOREST OFFICER	NAME (PRINT)	TITLE	DATE
<i>Frank A Hayes</i>	FRANK HAYES	District Ranger	3/8/04