

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

**PROJECT INFORMATION**

**Project Title:** Pigeon Ecosystem Restoration Project

**Project No.**

**Region/GMU:** Unit 27

**HPC:** Safford

**Project Type:** Prescribed Burn

**Project Description:**

The Pigeon Ecosystem Restoration Project encompasses approx. 36,600 acres. The project area is bordered by Sardine Canyon on the south, the Blue River on the east, Juan Miller Forest Road 475 on the north and Highway 191 on the west. Much of the area is overgrown with brush, pinyon and junipers.

This project will tie in with the Mitchell burn to the south and west. It will also tie in with the proposed NO Bar Restoration Project to the north and west which ties in with the Mesa Restoration Project that the HPC assisted with by contributing funds.

It is proposed to implement the project in two phases. Phase 1 is 26,792 acres and Phase 2 is 9,807 acres in size. **This application is for Phase 1.**

**Wildlife Species to Benefit:** Mule Deer (35%), Whitetail Deer (25%), Bighorn Sheep (10%), Turkey (15%) and Quail (15%).

Some elk live year-round in the project area, however the project is in Unit 27's "No Elk Zone".

**Possible Funding Partners:**

**Implementation Schedule:**

**Beginning:** Oct. 2005 (Phase 1)

**Completed:** Nov. 2007 (Phase 2)

**PROJECT FUNDING**

**SBG Funds Requested:** (20%) \$125,000 in this application for Phase 1 of the project.  
\$ 60,000 to be applied for in 2006 for phase 2.

**Cost Share Funds:** (80%) \$725,000

**Total Project Costs:** \$910,000 (rounded) Itemized on pages 4 through 6.

**PARTICIPANT INFORMATION**

**Applicant:** Frank A. Hayes

**Address:**

**Telephone:** 928-687-1301

Clifton Ranger District  
397240 AZ 75, Duncan, AZ 85534

**AGFD Contact and Phone No.** Steve Najar, 928-687-2454

(If applicant is not AGFD personnel)

**Coordinated with:** AZGF, Alpine HPC, Safford HPC, SE Arizona Sportsman's Group, US Fish & Wildlife Service, AZDEQ, AES, ADA, NWTF, QU, MDF and Gila Watershed Project (GWP).

**Applicant's signature:**

**Date:** 2/10/2004

**SEND COMPLETED APPLICATIONS TO:**  
**Mark Zornes, Game Branch**  
**2221 W. Greenway Rd.**  
**Phoenix, AZ 85023**  
**mzornes@gf.state.az.us**

**NEED STATEMENT/PROBLEM ANALYSIS:**

There is a need to improve the ecological status on most soil types within the project area by bringing the vegetation composition closer to expected natural conditions. Most areas have an over-abundance of pinyon, juniper and brush species. Many areas have more than twice the canopy cover of trees and brush that would be expected to occur on the particular soil type. Fire could be a useful tool to reduce the woody component and increase the grass and forb composition. As examples:

Soil type 612 (Typic Argiustolls) with ave. gradient of 7 %: Typical canopy cover for trees and brush should be approx. 40% or less. Recent TES surveys indicate 62% to 88% canopy cover by trees and brush.

Soil type 469 (Vertic Haplustalfs) with ave. gradient of 7 %: Typical canopy cover for trees and brush should be 10% or less. Recent TES surveys indicate 21% canopy cover by trees and brush.

Soil Type 573 (Typic Argiustolls) typically have a canopy cover of 15% by juniper and 4% by brush. Surveys indicate canopy cover by brush and trees to be approx. 48%.

See attached maps for soil types across the project area.

**PROJECT OBJECTIVES:**

The overall objective of this project is to restore the vegetative component to conditions that would be expected to occur naturally on the landscape as described in the Apache-Sitgreaves NF's Terrestrial Ecosystem Survey across seven 6<sup>th</sup> order HUC watersheds.

By doing so, the project is expected to:

1. Open up the canopy cover and improve forage quality and quantity for mule deer.
2. Improve foraging areas for whitetail deer.
3. Improve Bighorn Sheep habitat along the Blue River and Sardine Canyon.
4. Improve habitat for Mearn's and Gambel Quail and for Turkeys.
5. Protect the watersheds from the high risk of catastrophic fire. In particular, protect the water quality and quantity of a municipal watershed.
6. Protect loach minnow and spike dace (threatened species) in the Blue and San Francisco Rivers from the possible effects of catastrophic fire.
7. Reduce much of the tree and brush component, making the area more accessible to hunting and recreational use.

**PROJECT STRATEGIES:**

Prescribed burning will be used to treat a large area that covers all or part of seven - 6<sup>th</sup> code level watersheds. Existing roads and natural barriers will be used for much of the project boundary.

**Phase 1:** 26,793 acres. The boundary for phase 1 of the treatment would be Sardine Canyon on the South, Blue River on the East, Juan Miller (FR 475) Road on the north and following HL Canyon bottom to Prieto Plateau and tie into the Mitchell Burn (see attached map). A helicopter with a psd machine or a terra torch would be used to create a black line at mid slope in late fall 2005 or March - April, 2006. On these steep slopes, at this time of year, the fire is not expected to be able to back down the hill. This would secure the southern boundary and negate the need for expensive hand line or mechanical line preparation. In late May – early June 2006 the rest of phase 1 would be ignited with a helicopter with crews holding the line along FR 475 and HL Canyon. Follow-up treatments would occur as necessary in the fall of 2006.

**Phase 2:** 9,807 acres. Hand crews and engines would tie into the Mitchell, burn south of the ADOT yard and create a “black line” by burning along Highway 191 to the Juan Miller (FR 475) Road. Crews would continue burning along the 475 road until they tie into phase 1 above. Dependent upon the weather and burn conditions the boundary would be “black lined” in the fall of 2006 or spring of 2007. Once the boundary roads are secure the interior would then be ignited using helicopters and hand crews in May – June of 2007 with any follow-up that may be needed in the fall of 2007.

**PROJECT LOCATION:** Clifton Ranger District, Apache-Sitgreaves NF, Greenlee County, AZ. The project area takes in most of Township2 South, Range 30 East, Gila and Salt River Meridian. It also takes in the east portion of T2S, R29E and the north portion of T3S, R30E.

Sardine Canyon is the south boundary, Blue River is the East boundary, Juan Miller (FR 475) Rd. is the north boundary and Hwy 191 is the west boundary until it ties into the Mitchell Rx Burn (see attached map).

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

There are several land ownerships within the project area. Most of the lands are Forest System Lands. The following table illustrates land ownership.

ACRES	OWNER	PARCEL_NO
26645.30	Apache-Sitgreaves NF	Land in Phase 1
8.05	T-Link Ranches	
9715.06	Apache-Sitgreaves NF	Land in Phase 2
32.38	Stanton; McCally; Harris	200-25-001
59.11	Unknown	
3.26	Lines, Ruskin	200-24-001
95.99	Lakich, Geroge	200-43-001
38.63	RU Ranch	
1.25	RU Ranch	

**IF PRIVATE PROPERTY, IS THERE A STEWARDSHIP AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?** No.

**HABITAT DESCRIPTION:**

Elevations range from 3,740 feet to 6,800 feet above sea level. Most of the ridge tops range from 6,200 to 6,800 feet elevation. Most of the mid-slopes range from 4,600 to 5,400 feet elevation.

The following vegetation associations occur within the Pigeon Ecosystem Restoration Planning Unit:

1. Grassland: Makes up a small portion of the project area.
2. Juniper/Woodland: Makes up the bulk of the project area.
3. Oak Woodland: Makes up a small portion of the project area. There is a large oak component in much of the woodland types, particularly on the 514, 612, 632 and 630 soil types.
4. Pinyon Juniper: Occurs mostly on the west side of the project area.
5. Ponderosa Pine: Most ponderosa pine occurs on the southwest portion of the project area around Mitchell Peak and in stringers in Pigeon Creek and side drainages and in HL Canyon and side drainages.

**ITEMIZED USE OF FUNDS:**

**NEPA Analysis: \$117,100 as follows:** SBG Funds \$0 Cost Share Funds: \$117,100 (FS)  
Cultural Resource Surveys and Chapter 106 compliance: \$40,000  
NEPA Analysis: \$55,000  
Prepare Burn Plan: \$ 4,800  
Line Officer and S.O. review of NEPA, Burn Plans, Grants and Agreements: \$ 5,700  
Grants and Agreements: \$ 4,500  
Pre-treatment Monitoring: \$ 7,100  
TOTAL: \$117,100

**Phase 1 - Prescribed Burn: \$226,626.** SBG Funds: \$125,000 Cost Share Funds: \$101,606.

The cost of the prescribed burn breaks down as follows:

1. Overhead management: District FMO, District AFMO, Dispatch, Line Officer, Forest Aviation Officer, Forest FMO, Forest Fuels Spec. = \$36,400
2. Prep. Phase 1 at a cost of \$64,606 as follows:  
Helicopter Expenses: \$42,000  
Seven days at Six (6) hours of flight time per day at \$900/hour = \$37,800  
(includes travel to & from project site)  
Misc. helicopter expenses for per diem, fuel support truck, travel etc. @ \$600/day = \$ 4,200  
Total helicopter costs to burn for five (5) days and two days travel time = \$42,000  
  
Helicopter Crew & Dispenser: \$10,158  
Helicopter Manager plus 2 persons @ \$564/day for seven days = \$3,948  
Seven day use of Plastic Sphere Dispenser Aerial Ignition Device In Kind Value = \$1,050  
30 boxes of plastic spheres @ \$172/box = \$5,160  
TOTAL = \$10,158

Crew Time for Fire Prep: \$12,448

Fire Crew: 1 GS-5 crew leader, 2 GS-4 crew members and 2 GS-3 crew members.

5 person crew for 12 hour/day costs approx. \$482/day. Seven days to assist = \$ 3,374

GS-9 Burn Boss, GS-11 Ignition Specialist, GS-11 FMO for 7 days = \$ 7,938

\$21/day for per diem at 56 person days = \$ 1,176

TOTAL Fire Crew Preparation Costs = \$12,488

3. Complete Prescribed Burn of Phase 1 at a cost of \$125,620 as follows:

Helicopter Expenses: \$84,000 as follows:

14 days at 6 hours of flight time per day at \$900/hour (includes travel time) = \$75,600

Misc. helicopter expenses for per diem, fuel support truck, travel etc. @ \$600/day = \$ 8,400

Total helicopter costs to burn for 12 days and 2 days travel time. = \$84,000

Crew Time for Burning: \$41,620 as follows:

GS-9 Burn Boss, GS-11 Ignition Specialist, GS-11 FMO for 7 days = \$12,474

20 person crew for 11 days to burn = \$42,827

Five person crew to mop up and monitor for 4 days = \$ 1,928

2 Type 6 engines (GS-6, GS-5, GS-3 per engine) = \$

\$21/day for per diem = \$ 5,292

TOTAL Fire Crew Burning Costs= \$41,620

**Phase 2** funds would be requested in 2006. Estimated funds required to complete Phase 2 are as follows:

**Phase 2 - Prescribed Burn: \$132,580.** SBG Funds: \$60,000 Cost Share Funds: \$72,580.

1. Overhead management: District FMO, District AFMO, Dispatch, Line Officer, Forest Aviation Officer, Forest FMO, Forest Fuels Spec. = \$14,000

2. Prep. Phase 2 at a cost of \$33,976 as follows:

Crew Time for Fire Prep:

20 person crew for 12 hour/day for 8 days = \$25,600

Burn Boss and Ignition Specialist for 12 hrs/day = \$720/day. 8 days @ \$720/day = \$ 5,760

Vehicles and burn fuel = \$ 600

\$21/day for per diem at 96 person days = \$ 2,016

TOTAL Fire Crew Preparation Costs = \$33,976

3. Complete Prescribed Burn of Phase 2 at a cost of \$84,604 as follows:

Helicopter Expenses: \$54,600

7 days at 8 hours per day at \$900/hour (includes travel time) = \$50,400

Misc. helicopter expenses for per diem, fuel support truck, travel etc. @ \$600/day = \$ 4,200

Total helicopter costs to burn for 12 days and 2 days travel time. = \$54,600

Crew Time for Burning: \$30,004

Burn Boss and Ignition Specialist for 12 hrs/day = \$720/day. 15 days @ \$720/day = \$10,800  
Ten person crew for 15 days to burn = \$14,460  
Five person crew to mop up and monitor for 2 days = \$ 964  
\$21/day, 12 persons, 15 days - per diem = \$ 3,780  
TOTAL Fire Crew Burning Costs= \$30,004

**Monitoring:**

**3 Years (Years 1, 3 & 5) of Post Fire Monitoring = \$29,849.**

SBG Funds: \$0      Cost Share Funds: \$29,849 (FS)

Two person crew for 25 days to re-read survey plots @ \$247/day = \$6,175 X 3 years = \$18,525  
6 days to summarize data and prepare maps = \$1,482 X 3 years = \$ 4,446  
In Kind Cost Share for Vehicle FOR (1 month) and miles = \$1,125 X 3 years = \$ 3,375  
Oversee data collection, monitoring report summary, input in database and distribute report:  
7 days for GS-11 and 4 days GS-7 = \$ 3,503  
TOTAL for Post-Treatment Monitoring = \$29,849

**In-Kind Contribution: \$404,000.** Often this is an overlooked aspect to these projects, yet is absolutely critical to the projects success. T-Link Ranch, which uses the Pigeon Allotment, agreed to remove all livestock in 2004 to provide two years rest to provide a buildup of 1 hour fuels, which is the main component that carries a fire. The non-use will continue until the project area has had time to recover following treatment. If it wasn't for the T-Link's willingness to cooperate with this project, it would not have been considered. In fact Bob Fletcher, President of T-Link Ranch, proposed this project in the first place.

T-Link's in-kind contribution comes from the income it will forgo from taking 100% non-use. Over the past 6 years the ranch has sold, on average, 145 head of livestock at a current value of approximately \$80,000 per year. This complete non-use is expected to last for at least 4 years followed by initial low stocking levels. It will probably take at least an additional 4 years before the allotment would be fully stocked again. The estimated loss of income to the permittee is \$320,000 for the 4 years of complete non-use and an additional \$84,000 during the years of building numbers back up for a total in-kind contribution towards this project of \$404,000.

The project area also encompasses parts of Sardine and Granville Allotments. However, they are de-stocked for other reasons. De-stocking the Pigeon Allotment is directly tied to this project. Although the in-kind contribution doesn't pay for putting fire on the ground, as described above, it is a very important contribution to the success of this project.

**PROJECT MONITORING PLAN:**

Terrestrial Ecosystem Survey (TES) plots were conducted in 2004 and additional plots will be established in 2005. These plots are established by soil types across the project area. TES plots will be re-read in years 1, 3 and 5 following treatment.

The plot data will be input in the Forest Service NRIS database and made available electronically via CDs, hard copy and possibly the Forest web site.

## LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:

- **Arizona Department of Environmental Quality (ADEQ):** Possible funding. GIS support and analysis through their "NEMO" program.
- **AZ Game & Fish Department (AZGF):** Support for project and funding through their habitat improvement funds and special tag funds through various programs.
- **Arizona Water Protection Fund (AWPF):** Funding in support of landscape scale treatment to enhance the watershed which supplies water to the Blue and San Francisco Rivers which support loach minnow and spike dace and are municipal waters.
- **Audubon Society:** Provide funding.
- **Eastern Arizona Counties Resource Advisory Committee (RAC):** Funding for the prescribed burn. Application to be submitted Fall, 2005 with funding by late 2005 - early 2006.
- **Environmental Protection Agency (EPA):** Provide funding through a variety of grant opportunities.
- **Forest Service (USFS):** Planning and implementation of project and funding opportunities.
- **Gila Watershed Partnership (GWP):** The project lies within the Gila Watershed and we are members of GWP. The Gila Watershed Partnership is a great entity to coordinate with other groups and agencies and to assist in submitting and administering other grants.
- **Greenlee County:** Support for the project through the Greenlee County Community Fire Plan in particular in managing for municipal watersheds.
- **National Fish and Wildlife Fish Foundation (NFWF):** Provide funding. Grants typically range from \$10,000-\$150,000, based upon need.
- **Natural Resource Conservation Service (NRCS):** Help with grant opportunities through the Open Space and EQIP programs.
- **Nature Southwest:** Excellent to work with in submitting for and administering matching grants.
- **South Eastern Arizona Sportsmen Club:** Support for project, public relations, informing and educating sportsmen and coordinating with Safford HPC.
- **T-Link Ranch:** 100% non-use for the duration of implementing the project and for at least 2 growing seasons following implementation.
- **Wildlife Groups:** , Arizona Elk Society (**AES**), National Wild Turkey Federation (**NWTF**), Quail Unlimited (**QU**), Arizona Deer Association (**ADA**), Safari Club International (**SCI**), and Mule Deer Foundation (**MDF**): Help with providing funding - \$125,000 Phase 1 & \$60,000 Phase 2.

**PROJECT MAINTENANCE:**

Not applicable.

**PROJECT COMPLETION REPORT TO BE FILED BY:**

District Ranger, Clifton Ranger District, Apache-Sitgreaves National Forest.

**WATER DEVELOPMENT PROJECTS (see attached worksheet):** NA

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



## SHEEP WASH ECOSYSTEM RESTORATION

**Clifton Ranger District  
Apache-Sitgreaves National Forests  
Status as of February, 2005**

### UPPER SHEEP WASH BLOCK

Treatments	Units	PHASE I		PHASE II		PHASE III		PHASE IV	
		Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual
Rx Fire*	Acres			500	360	240	240	300	Pending
Thinning	Acres			100	100	100	100	200	100
Seed/Plantings	Acres			102	102			80	Pending
Watershed/Rip.	Struct			2	2			8	10
Road Closures	Miles	4	4						
BMP Structures**	Struct	3	3	2	2	2	2	4	Pending
Exclosures	Struct			1	1	1	1	1	Pending
Interpretive	Struct	2	2						
Grazing ***	Acres					27,639	1,316	27,639	1,316

\* Acres of fire maybe have been treated with multiple burns (i.e. 1995 - 360a, 2002 - 240a)

\*\* BMP structures include crossings that were hardened, deflectors, construction of grade dips, culvert refurbishment where tributaries and Sheep Wash cross Road 515; work completed by Forest Service, Greenlee County, contract mnt.

\*\*\* Grazing is the prescribed livestock grazing program complimenting other planned treatments, either under Annual Operating Instructions, Memorandums of Understanding for resource improvement, and/or Allotment Management Plans. Units reflect the acres under management in the allotment (Planned), and acres within the Sheep Wash 6<sup>th</sup> code watershed (Actual).

FINANCIAL CONTRIBUTORS TO DATE				
PARTNER	PHASE I	PHASE II	PHASE III	PHASE IV
Forest Service	4,500	52,500	9,900	13,500 60,000
Greenlee County*	8,000	6,000	6,800	4500
AZGF Access	35,000			
Grazing Permittee**			1000	
Other Partners-				
Phelps Dodge	500			
BSA (boy scouts)			1000	
AZGF-Tag				
Safari Club				
AZ Mule Deer				
Natl Wild Turkey Fed				
AZ Elk Society				
Mule Deer Found.				
Natl Wild/Fish Found.				7500
Quail Unlimited				4000
Volunteers		1200		
<b>TOTALS</b>	<b>48,500</b>	<b>59,700</b>	<b>18,700</b>	<b>13,500 115,000</b>

\* Contributions by Greenlee County through coordinated, site-specific support on treatments with road maintenance equipment and operators.

\*\* Permittee contribution through signed MOU's for resource improvement/destocking plans, structural improvement assistance, and planned reduction in average livestock sales over the life of the PHASE. Highlighted contributions pending

## MESA BLOCK

Treatments		PHASE I		PHASE II		PHASE III	
Type	Units	Planned	Actual	Planned	Actual	Planned	Actual
Rx Fire*	Acres	4,000	2900			10,600	Pending
Thinning	Acres	100	60	1200	Pending		
Seed/Plantings	Acres						
Watershed/Rip.	Struct			8	Pending		
Road Closures	Miles						
BMP Structures**	Struct.						
Exclosures	Struct						
Interpretive	Struct						
Grazing ***	Acres	9,106	5,351	9,106	5,351	10,600	5,351
* Acres of fire maybe have been treated with multiple burns (i.e. 1998 – 100a, 2001 – 1800a, 2002 – 1000a)							
** BMP structures include crossings that were hardened, deflectors, construction of grade dips, culvert refurbishment where tributaries and Sheep Wash cross Road 515; work completed by Forest Service, Greenlee County, contract mnt.							
*** Grazing is the prescribed livestock grazing program complimenting other planned treatments, either under Annual Operating Instructions, Memorandums of Understanding for resource improvement, and/or Allotment Management Plans. Units reflect the acres under management in the allotment (Planned), and acres within the Sheep Wash 6 <sup>th</sup> code watershed (Actual).							

FINANCIAL CONTRIBUTORS TO DATE			
PARTNER	PHASE I	PHASE II	PHASE III
Forest Service	86,459	49,000	18,000
Greenlee County*			
AZGF Access			
Grazing Permittee**	125,000	50,000	25,000
Other Partners-			58,000
Phelps Dodge			
BSA (boy scouts)			
AZGF-Tag		15,000	
Safari Club		20,000	
AZ Mule Deer		20,000	
Natl Wild Turkey Fed		15,000	
AZ Elk Society		20,000	
Mule Deer Found.		15,000	
Natl Wild/Fish Found.			
Quail Unlimited			
Volunteers			
<b>TOTALS</b>	<b>211,459</b>	<b>99,000 105,000</b>	<b>25,000 76,000</b>
* Contributions by Greenlee County through coordinated, site-specific support on treatments with road maintenance equipment and operators.			
** Permittee contribution through signed MOU's for resource improvement/destocking plans, structural improvement assistance, and planned reduction in average livestock sales over the life of the PHASE. Highlighted contributions pending			

## LOWER SHEEP WASH BLOCK

Treatments	Units	PHASE I		PHASE II		PHASE III	
		Planned	Actual	Planned	Actual	Planned	Actual
Rx Fire*	Acres	800	800				
Thinning	Acres						
Seed/Plantings	Acres	5	5	60	Pending		
Watershed/Rip.	Struct	4	6				
Road Closures	Miles	4	4				
BMP Structures**	Struct.	2	2	1	Pending		
Exclosures	Struct	2	2	1	Pending		
Interpretive	Struct						
Grazing ***	Acres	35,505	13,183	35,505	13,183		
* Acres of fire maybe have been treated with multiple burns .							
** BMP structures include crossings that were hardened, deflectors, construction of grade dips, culvert refurbishment where tributaries and Sheep Wash cross Road 217; work completed by Forest Service, Greenlee County, contract mnt.							
*** Grazing is the prescribed livestock grazing program complimenting other planned treatments, either under Annual Operating Instructions, Memorandums of Understanding for resource improvement, and/or Allotment Management Plans. Units reflect the acres under management in the allotment (Planned), and acres within the Sheep Wash 6 <sup>th</sup> code watershed (Actual).							

FINANCIAL CONTRIBUTORS TO DATE			
PARTNER	PHASE I	PHASE II	PHASE III
Forest Service	11,800	10,500	
Greenlee County*	11,500	8,300	
AZGF Access	3,500		
Grazing Permittee**	2,800	12,500	
Other Partners-			
Phelps Dodge		5,500	
BSA (boy scouts)			
AZGF-Tag	4,000		
Safari Club			
AZ Mule Deer	4,000		
Natl Wild Turkey Fed			
AZ Elk Society			
Mule Deer Found.			
Natl Wild/Fish Found.		13,500	
Quail Unlimited			
Volunteers	1,200		
<b>TOTALS</b>	<b>42,300</b>	<b>16,000 34,300</b>	
* Contributions by Greenlee County through coordinated, site-specific support on treatments with road maintenance equipment and operators.			
** Permittee contribution through signed MOU's for resource improvement/destocking plans, structural improvement assistance, and planned reduction in average livestock sales over the life of the PHASE. Highlighted contributions pending			

## MALLET BLOCK

Treatments Type	Units	PHASE I		PHASE II		PHASE III	
		Planned	Actual	Planned	Actual	Planned	Actual
Rx Fire*	Acres	598	115	3270	Pending		
Thinning	Acres	50	0	700	Pending		
Seed/Plantings	Acres						
Watershed/Rip.	Struct	2	2	8	Pending		
Road Closures	Miles						
BMP Structures**	Struct.	6	6	4	Pending		
Exclosures	Struct			1	Pending		
Interpretive	Struct						
Grazing ***	Acres	37,329	3,338	37,329	3,338		
* Acres of fire maybe have been treated with multiple burns (i.e. 1997 - 115a)							
** BMP structures include crossings that were hardened, deflectors, construction of grade dips, culvert refurbishment where tributaries and Sheep Wash cross Road 515; work completed by Forest Service, Greenlee County, contract mnt.							
*** Grazing is the prescribed livestock grazing program complimenting other planned treatments, either under Annual Operating Instructions, Memorandums of Understanding for resource improvement, and/or Allotment Management Plans. Units reflect the acres under management in the allotment (Planned), and acres within the Sheep Wash 6 <sup>th</sup> code watershed (Actual).							

FINANCIAL CONTRIBUTORS TO DATE			
PARTNER	PHASE I	PHASE II	PHASE III
Forest Service	6,600	3,200 90,000	
Greenlee County*	5,400	6,350	
AZGF Access			
Grazing Permittee**	122,500	73,500	
Other Partners-		182,000	
Phelps Dodge			
BSA (boy scouts)			
AZGF-Tag			
Safari Club			
AZ Mule Deer			
Natl Wild Turkey Fed			
AZ Elk Society			
Mule Deer Found.			
Natl Wild/Fish Found.		8,000	
Quail Unlimited			
Volunteers			
<b>TOTALS</b>		<b>3,200 177,850</b>	
* Contributions by Greenlee County through coordinated, site-specific support on treatments with road maintenance equipment and operators.			
** Permittee contribution through signed MOU's for resource improvement/destocking plans, structural improvement assistance, and planned reduction in average livestock sales over the life of the PHASE. Highlighted contributions pending			

**Mesa Planning Unit**

Match Expenditures (Cash & In-kind)	HPC (ADA & SCI)	NWTF	AES	AZG&F	USFS (Spent Prior)	USFS (Future)	SE AZ Spertemen Club	Centennial Grant	R3-Wildlife Funds (NFWF)	Mesa Allotment Permittes	TOTAL
Salaries/Labor	\$30,150	\$9,100	\$15,750	\$7,700	\$140,000	\$ 6,000	\$0	\$32,653	\$90,500		\$331,853
Travel	\$0	\$0	\$0	\$0		\$ 1,200	\$0	\$3,422	\$3,000		\$7,622
Equipment Use	\$6,400	\$5,900	\$4,250	\$2,300		\$ 5,000	\$0	\$750			\$24,600
Supplies	\$3,450	\$0	\$0	\$0		\$ 200	\$0	\$371	\$1,000		\$5,021
Materials	\$0	\$0	\$0	\$0		\$ -	\$0	\$0			\$0
Printing	\$0	\$0	\$0	\$0		\$ 100	\$0	\$0			\$100
SubTotal	\$40,000	\$15,000	\$20,000	\$10,000	\$140,000	\$ 12,500	\$0	\$37,196	\$94,500		\$369,196
Indirect Costs	\$0	\$0	\$0	\$0			\$9,000			\$150,000	\$159,000
<b>TOTALS</b>	<b>\$40,000</b>	<b>\$15,000</b>	<b>\$20,000</b>	<b>\$10,000</b>	<b>\$140,000</b>	<b>\$12,500</b>	<b>\$9,000</b>	<b>\$37,196</b>	<b>\$94,500</b>	<b>\$0</b>	<b>\$528,196</b>

	Fed	Non_fed
Salaries/Labor	\$269,153	\$62,700
Travel	\$7,622	\$0
Equipment Use	\$5,750	\$18,850
Supplies	\$1,571	\$3,450
Materials	\$0	\$0
Printing	\$100	\$0
SubTotal	\$284,196	\$85,000
Indirect Costs	\$0	\$159,000
<b>TOTALS</b>	<b>\$284,196</b>	<b>\$244,000</b>