

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

Application # WPF0373 Applicant: NATIONAL WILD TURKEY FEDERATION
Title of Project: ALPINE RANGER DISTRICT RIPARIAN IMPROVEMENT

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
- Other

COPY

**Arizona Water Protection Fund
Application Cover Page
FY 2009**

WPF0373

Title of Project: Alpine Ranger District Riparian Improvement

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 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
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Applicant Information: Name/Organization: National Wild Turkey Federation 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

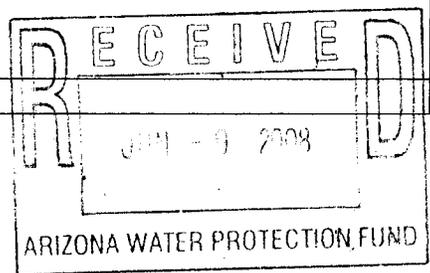
Contact Person: Name: Scott Vance Title: Director of Conservation Field Operations Phone: 803-637-3106 Fax: 803-637-9180 e-mail: svance@nwtf.net	Any Previous AWPf Grants: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, please provide Grant #(s): 03-119WPF & 05-129WPF
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Arizona Water Protection Fund Grant Amount Requested: \$372,579.90 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><u>Applicant/Agency/Organization:</u></th> <th><u>Amount (\$):</u></th> </tr> </thead> <tbody> <tr> <td>1. Applicant</td> <td>\$35,683.80</td> </tr> <tr> <td>2. U.S. Forest Service</td> <td>\$47,493</td> </tr> <tr> <td>3.</td> <td></td> </tr> <tr> <td align="right" colspan="2">Total: \$83,176.80</td> </tr> </tbody> </table>	<u>Applicant/Agency/Organization:</u>	<u>Amount (\$):</u>	1. Applicant	\$35,683.80	2. U.S. Forest Service	\$47,493	3.		Total: \$83,176.80
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1. Applicant	\$35,683.80									
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3.										
Total: \$83,176.80										

Has your legal counsel or contracting authority reviewed and accepted the Grant Award Contract General Provisions?
 Yes No 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.

Donna Leggett	Director of Development,
Typed Name of Applicant or Applicant's Authorized Representative	Title and Telephone Number
<i>Donna Leggett</i>	<i>6/6/08</i>
Signature	Date Signed



Executive Summary:

As part of a previous AWPf grant (05-129WPF), the National Wild Turkey Federation (NWTF) conducted a riparian inventory field survey on 69 sites across the entire Apache-Sitgreaves National Forest on all five ranger districts. Items documented during site visits included, but were not limited to: ranger district, watershed, GPS coordinates, name of site/spring/stream, date of visit, state of the site relative to water, NEPA (National Environmental Policy Act) documentation or requirements, archeology concerns, social concerns, large herbivore use/access, recreational use/potential, threatened or endangered species concerns, distance from roads or other anthropomorphic influences, potential technique for protection or restoration, reasons for concern, and any other site specific conditions of relevance. The most important part of the description may be the potential restoration techniques relevant to each site.

Based upon this activity, eight sites on the Alpine Ranger District have been identified as part of this grant application that are in need of riparian improvements. The first site is called the Boneyard, west of Alpine, Arizona in Apache County. Protection and enhancement of habitat for a number of sensitive species including the California floater (*Anodonta californiensis*), Loach minnow (*Rhinichthys (Tiaroga) cobitis*), Chiricahua leopard frog (*Rana chiricahuensis*), and Bebb's willow (*Salix bebbiana*) is needed. This project will affect approximately 40 acres and allow for Bebb's and other species of willow to grow without being browsed upon by elk (*Cervus elaphus*) and trespass cattle.

The second site is the Campbell Blue River near Luce Ranch south of Alpine in Greenlee County. No cattle are authorized to graze the USFS lands here, but elk are starting to have an impact. Mexican spotted owls (*Strix occidentalis lucida*) use this area, and Loach minnows are present. Beaver (*Castor canadensis*) activity is moderate to high here and a local population of cardinal flower is found here, one of a very few in the state of Arizona. A declining riparian habitat is found here now but is in danger due to encroachment of conifer species leading to a shift in habitat from a cottonwood and willow gallery forest to a coniferous dominated habitat. USFS approved conifer timber thinning of 439 acres along the Campbell Blue River would be used to restore this riparian habitat.

The third site is North Springs, west of Alpine in Apache County. This unique site, a roadside spring leading to a fen meadow, contains Bebb's willow and is used by Mexican spotted owls and northern goshawks (*Accipiter gentilis*). Overuse by large browsing ungulates has led to a decline in the isolated stand of Bebb's willows. Protection of existing Bebb's willow is recommended here.

The fourth site is the Home Creek site. This site is also west of Alpine in Apache County. Riparian species of importance here include California floaters and Bebb's and other willow species. Overuse by elk is suspected to be the leading cause of the decline of a previously extensive stand of Bebb's willow, which now consists of only remnant skeletons on the verge of total extirpation. A recovered willow stand at this location is likely to be utilized by Southwestern willow flycatchers (*Empidonax traillii extimus*), and possibly other riparian obligate endangered species.

The fifth site is Three Forks, west of Alpine in Apache County and just downstream of the Boneyard site. This site is home to spring snails, Chiricahua leopard frogs, California floaters, Loach minnows, and willow stands. Restoration techniques will include the restoration of spring boxes to prevent the invasion of crayfish into the spring boxes and protect spring snails. The US Fish and Wildlife Service is considering listing the Three Forks spring snail (*Pyrgulopsis*

trivialis) as federally endangered and at the time of this application is in the process of reviewing the species' status.

The sixth site is Hulsey Fork, north of Alpine in Apache County and just west of Escudilla Mountain. Hulsey Fork contains an extensive stand of willows, at least 2 species including Bebb's willow. The riparian habitat is used by Mexican spotted owls and northern goshawks and is impacted by both cattle and elk. Overuse of this meadow by large browsers is leading to damage to the existing stands of willow

The seventh site is Turkey Creek located just outside of Alpine, AZ along US Highway 191. An isolated stand of Bebb's willow is present and subjected to overuse by elk. Protection of this stand of willow is desirable for riparian habitat protection and restoration.

The eighth and last site, Upper San Francisco River is located just outside of Alpine, AZ at the top of the San Francisco River drainage. An isolated stand of Bebb's willow is present and subjected to overuse by elk. Protection of this stand of willow is desirable for riparian habitat protection and restoration.

Properly functioning riparian areas serve key roles in providing fish and wildlife habitat, preserving water quality and water supply, and providing recreational opportunities. Our goal with this project is to improve and enhance riparian habitat on eight riparian sites on the Apache-Sitgreaves National Forest. Specifically this project will provide many values to society and natural ecosystems, including (1) improved water quality and natural flood and erosion control, (2) key habitats for many different species of plants and wildlife, (3) courtship and nesting conditioning habitats for migratory waterfowl and songbirds, (4) habitat for threatened, endangered and sensitive species, and (5) focal settings for recreational activities including nature study, photography, camping, hiking, birding, fishing, and hunting.

Project Overview

Background:

In the arid western United States, riparian areas are estimated to be less than 2% of the total land area. Some estimate the acreages of riparian areas in Arizona are only 0.5% of Arizona's total area, a percentage that is much smaller than the estimated average for the arid western United States. Despite their small area, the role of riparian areas is disproportionate to their size, particularly in the semi-arid regions of North America. This is mainly due to the many functions and values of riparian areas.

Riparian areas support more productive and diverse vegetation assemblages and serve more ecological functions than their terrestrial upland counterparts. These areas provide important links between terrestrial upland and aquatic ecosystems. Their most important functions are to: 1) filtrate and retain sediments and nutrients from terrestrial upland runoff or out-of-bank floods 2) reduce chemical inputs from terrestrial uplands by immobilization, storage and transformation 3) stabilize stream banks and build-up new stream banks 4) store water and recharge subsurface aquifers 5) reduce floodwater runoff and 6) support animal habitat and enhance fish habitat.

A large percentage of wildlife depends on riparian areas for foraging, nesting or cover during part of, or for their entire life cycle. These habitats are even more important in the southwestern United States where riparian areas are recognized as critical areas. In Arizona, the USDA Forest Service General Technical Report RM-43:68-79 reported that eighty percent of all vertebrates spend some portion of their life cycle in riparian areas. In addition riparian vegetation can provide food, cover or regulate stream temperature (by shade), three important factors that can impact the survival of native fish populations.

The Endangered Species Act of 1973 (amended in 1988) was passed to conserve threatened and endangered species. It lists and monitors all the threatened and endangered species. Defenders of Wildlife noted in their 1989 study that seventy percent of threatened and endangered vertebrates in Arizona depend on riparian habitat. Domestic livestock are also attracted to these areas because of the high forage abundance and water availability. The many aesthetic values of riparian areas add to the complexity of their management. Riparian areas are considered prime areas for recreational activities such as hiking, horse-back riding, cycling, fishing, hunting, swimming, rafting, boating, canoeing, bird and wildlife watching, picnicking, camping and off-road vehicular travel with ATV's.

The National Research Council (2002) recommended that the restoration of riparian areas be a national goal with protection of these areas as a major focus. In addition, the lack of information on the status and trends of riparian areas requires an extensive and detailed assessment of these areas. As riparian areas continue to disappear or are degraded, those remaining in National Forest ownership become increasingly more valuable and need protection.

The National Wild Turkey Federation (NWTf) with technical support from the U. S. Forest Service (Alpine Ranger District) is requesting funding to complete riparian restoration on eight sites. These sites were previously identified as part of a previous AWPf grant (05-129WPF). The NWTf conducted a riparian inventory field survey on 69 sites across the entire Apache-Sitgreaves National Forest on all five ranger districts. These eight sites have been identified for restoration based upon the following, state of the site relative to water, NEPA (National Environmental Policy Act) documentation or requirements, archeology concerns, social concerns, large herbivore use/access, recreational use/potential, threatened or endangered species concerns, distance from roads or other anthropomorphic influences, potential technique for protection or

restoration, reasons for concern, and other site specific conditions of relevance. The most important component is the potential restoration techniques relevant to each site.

Boneyard project site – We want to stop vehicle traffic from crossing the stream here and to clean up trash which resulted from a structure at Clabber City which burned down during a wildfire. This project will affect approximately 40 acres and allow for Bebb's and other willow species to grow without being browsed upon by elk and trespass cattle. Fencing of springs and Bebb's willows will be accomplished with bull panels instead of fencing a large area with elk proof fencing. The clean up of old trash and the fire damaged structure would prevent any possible contamination of the riparian habitat. Not to mention the aesthetic value and safety factor of removing the debris from this site.

Campbell Blue project site – Thinning of conifer species to allow regeneration of willow, cottonwood, and other riparian vegetation will affect 439 acres of conifers up to 300 feet on both sides of the river from the boundary of the Luce Ranch downstream to the junction of the Campbell Blue with the Blue River. Since this area is designated as a road less area all work will be accomplished with hand work and without entering the area with vehicles. Piles of thinned materials will be burned when conditions are appropriate and safe. Species of concern which will benefit from the completion of this project include zone-tailed hawks (*Buteo albonotatus*), common black hawks (*Buteogallus anthracinus*), gray catbirds (*Dumetella carolinensis*), yellow-billed cuckoo (*Coccyzus americanus*), loach minnow (*Tiaroga cobitis*), cardinal flower (*Lobelia cardinalis*), and Mexican spotted owls. With the recovery of a healthy riparian forest Southwestern willow flycatchers may begin to utilize the project site.

North Spring project site – We will use bull panels here to protect Bebb's willows along a short stretch of stream below the spring. Bull panels will be used in lieu of enclosure fencing in order to protect smaller stands of willows and not fence out large areas thus allowing wildlife access to existing water below the springs. Approximately 5 acres would be affected by the project at this site.

Home Creek project site – This site will utilize fencing to protect a formerly large stand of willows which have declined to the point of nearly being extirpated. Heavy browsing by elk is preventing the re-establishment at least two species of willows, including Bebb's willow. This fence would enclose approximately 20 acres.

Three Forks project site – We will do a small project here, protecting spring boxes to prevent the invasion of crayfish into the spring boxes and protect spring snails. Species of concern which would benefit from this project include endangered spring snails and California floaters. The Three Forks spring snail is now being considered for endangered species status and is found nowhere else in the world outside the immediate area of this project site. The US Fish and Wildlife Service, Arizona Game and Fish Department, and spring snail experts will be consulted before any changes or modifications are made to the existing spring boxes found here.

Hulsey Fork project site – We will use bull panels at this site to protect existing stands of at least two species of native willows, including Bebb's willow. Bull panels will be used to protect specific willow stands and not prevent the use of this large meadow by cattle and elk. Sensitive species found here include Bebb's willow, Mexican spotted owls, and northern goshawks. Approximately 10 acres will be affected by the project at this site.

Turkey Creek project site – We will use bull panels at this site to protect isolated stands of Bebb's willows from overuse by elk. Bull panels are being used in order to protect specific willow stands and not exclude elk from large areas. Approximately 5 acres will be affected by the project at this site.

Upper San Francisco River project site – We will use bull panels at this site to protect isolated stands of Bebb’s willows from overuse by elk. Bull panels are being used in order to protect specific willow stands and not exclude elk from large areas. Approximately 5 acres will be affected by the project at this site.

This project is a cooperative effort between the NWTF and the U.S. Forest Service, Alpine Ranger District on the Apache Sitgreaves National Forest. The Forest Service is interested in improving the riparian habitat on the project sites and since wild turkey hens bring their broods of young poults along the edges of riparian areas to feed on grass seeds and grasshoppers, the NWTF is interested in riparian restoration to help in its wild turkey restoration efforts in the Southwest. The Forest Service will provide technical support throughout the project duration and ensure regulatory compliance. The NWTF will develop all project plans, oversee any construction, conduct the project monitoring, and provide the overall management of the project.

Goal(s):

The long-term goal of the project is to improve and enhance 524 acres of riparian habitat on eight riparian sites on the Apache-Sitgreaves National Forest.

Objective(s):

The project objectives are:

1. improve wildlife habitat, including wild turkey (*Meleagris gallopavo merriami*) nesting and brood habitat
2. provide protection for populations of native riparian plant species, especially Bebb’s willows,
3. improved water quality and natural flood and erosion control,
4. improve key habitats for many different species of plants and wildlife,
5. improve courtship and nesting habitats for migratory and resident birds,
6. improve habitat for threatened, endangered and sensitive species, and
7. enhance focal settings for recreational activities including nature study, photography, camping, hiking, birding, fishing, and hunting.

Statement of Problem(s)/Causes:

Approximately 60 to 70 % of Arizona's resident wildlife species are dependent on riparian habitats to sustain their populations, yet these riparian areas occupy less than 0.5% of the state's total land area (Arizona Riparian Council - Riparian Fact Sheet 1994). The USDA Forest Service General Technical Report RM-43:68-79 reported that 77% of the 166 nesting species of birds in the Southwest are in some manner dependent on water related habitat and 50% are completely dependent on riparian habitats. When riparian vegetation is eliminated or degraded, several wildlife species dependent on riparian ecosystems may be either severely reduced or may disappear altogether. It has been suggested that one of the most destructive forces in riparian ecosystems is the long-term impact of overgrazing. Impacts to riparian vegetation can basically be separated into: (a) compaction of soil, which increases runoff and decreased water availability to plants; (b) herbage removal, which allows soil temperatures to rise and increases evaporation to the soil surface; and (c) physical damage to vegetation by rubbing, trampling, and browsing.

The destruction of riparian vegetation directly by cattle and elk grazing has resulted in vast stretches of streams that do not support properly functioning ecosystem processes. Watersheds suffering from long-term overgrazing are more susceptible to extreme flood events resulting in accelerated rates of channel lowering. This landscape alteration can destroy and prevent the regeneration of riparian plant communities and concurrently increase sediment deposition in low gradient stretches and alter downstream riparian areas.

Statement of Solutions:

Several studies have shown wildlife numbers increase when a riparian area that was abused by improper grazing was fenced and allowed to recover. Based upon his research, D. A. Duff reported a 350% increase in small mammal, songbird and raptor use after 8 years' rest from grazing during the Grazing and Riparian/Stream Ecosystems Forum. Sometimes it is more expedient, practical, and cost-effective to isolate a degraded riparian ecosystem in order to enhance its recovery and management. Fencing the system may cause less impact to the entire allotment than initiating large-scale planning and/or changes in grazing prescriptions.

Riparian restoration has been emphasized for the last 12 years on the Apache-Sitgreaves National Forests of Arizona. Primarily, riparian improvement has been accomplished through improved livestock grazing plans. These plans include exclusion of use in sensitive areas, while other areas are monitored closely and stocking is rotated out as soon as utilization levels are achieved. Due to a high degree of elk utilization early in spring, livestock may not be allowed onto certain areas at all during some years. Plantings of riparian species have been successful only in areas that are fenced to exclude all large ungulates including elk. Numerous elk exclosure fences have been installed on the Forest both in riparian areas and in areas targeting aspen reproduction.

Each project site will have informational signs on the enclosures to educate forest users and recreationalists on the value of riparian habitat. These signs will be used to introduce people to the riparian habitat and the role they have in improving water quality and wildlife habitat. In addition, an educational brochure will be utilized to educate the general public on those same topics. This brochure will be available at all Apache Sitgreaves National Forest District Ranger offices for dissemination to the general public. The local and state NWTF Chapter system will assist in this public outreach effort by distributing the educational brochure at local banquet events and to local businesses and organizations.

Statement of Project Years of Benefit:

The NWTF anticipates the short-term project-related benefits to last at least 10 years. This estimate is supported by the research paper, "Survey of Livestock Influences on Stream and Riparian Ecosystems in the Western United States", published in the Journal of Soil and Water Conservation, 1999, Vol. 54, pp. 419-431 and in the USGS Riparian Ecosystem Creation and Restoration: A Literature Summary prepared by the Northern Prairie Wildlife Research Center. These papers report degradation from overgrazing takes between 3-10 years with total riparian exclusion to initiate the recovery process. The NWTF is committed to establishing this regeneration period, which is also consistent with the NRCS cost-share/incentives schedules for wildlife habitat programs. In the long-term (15 plus years), our objective is to strive for healthy wet meadow conditions without fences. This can be accomplished by incorporating management strategies on the National Forest that include multiple use planning and permit/allotment controls.

Project Location & Environmental Contaminant Information FY 2009

Project Location Information - Boneyard			
1. County: <u>Apache</u>	2. Section: <u>33</u>	3. Township: <u>6N</u>	4. Range: <u>29E</u>
<p>5. Watershed: <u>Salt River</u></p> <p>6. Name of USGS Topographic Map where project area is located: <u>Rudd Knoll</u></p> <p>7. State Legislative District: <u>4</u> (Information available at http://156.42.40.10/mapping/default2.asp?tname=Interim.2004.Legislative.Map)</p> <p>8. Land ownership of project area: <u>USDA Forest Service</u></p> <p>9. Current land use of project area: <u>National Forest</u></p> <p>10. Size of project area (in acres): <u>40</u></p> <p>11. Stream Name: <u>Boneyard Creek</u></p> <p>12. Length of stream through project area: <u>0.5 miles</u></p> <p>13. Miles of stream benefited: <u>1.5 miles</u></p> <p>14. Acres of riparian habitat: <u>110 acres</u> will be:</p> <div style="margin-left: 300px;"> <input checked="" type="checkbox"/> Enhanced <input type="checkbox"/> Maintained <input type="checkbox"/> Restored <input type="checkbox"/> Created </div>			
<p>15. Provide directions to the project site from the nearest city or town. List any special access requirements: From Alpine, AZ drive west on FR 249 for approximately 7.5 miles then take the turn to the NW into the Boneyard site. No special access requirements.</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> <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> <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>			

Project Location & Environmental Contaminant Information FY 2009

Project Location Information – Campbell Blue			
1. County: <u>Greenlee</u>	2. Section: <u>36</u>	3. Township: <u>4N</u>	4. Range: <u>30E</u>
<p>5. Watershed: <u>Upper Gila River</u></p> <p>6. Name of USGS Topographic Map where project area is located: <u>Maness Peak</u></p> <p>7. State Legislative District: <u>4</u> (Information available at http://156.42.40.10/mapping/default2.asp?tname=Interim.2004.Legislative.Map)</p> <p>8. Land ownership of project area: <u>USDA Forest Service</u></p> <p>9. Current land use of project area: <u>National Forest</u></p> <p>10. Size of project area (in acres): <u>439</u></p> <p>11. Stream Name: <u>Campbell Blue</u></p> <p>12. Length of stream through project area: <u>2.8 miles</u></p> <p>13. Miles of stream benefited: <u>3.0 miles</u></p> <p>14. Acres of riparian habitat: <u>300 acres</u> will be:</p> <div style="margin-left: 200px;"> <input checked="" type="checkbox"/> Enhanced <input type="checkbox"/> Maintained <input type="checkbox"/> Restored <input type="checkbox"/> Created </div>			
<p>15. Provide directions to the project site from the nearest city or town. List any special access requirements: From Alpine, AZ travel east to Forest Road 281, turn south and travel approximately 7 miles to the junction of Forest Road 30. Turn west and follow roadway approximately 2.8 miles until locked gate at private land (Luce Ranch). No special access requirements.</p>			
Environmental Contaminant Location Information			
<p>3. 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>4. 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>			

Project Location & Environmental Contaminant Information FY 2009

Project Location Information – North Spring			
1. County: <u>Apache</u>	2. Section: <u>22</u>	3. Township: <u>6N</u>	4. Range: <u>29E</u>
<p>5. Watershed: <u>Salt River</u></p> <p>6. Name of USGS Topographic Map where project area is located: <u>Rudd Knoll</u></p> <p>7. State Legislative District: <u>4</u> (Information available at http://156.42.40.10/mapping/default2.asp?tname=Interim.2004.Legislative.Map)</p> <p>8. Land ownership of project area: <u>USDA Forest Service</u></p> <p>9. Current land use of project area: <u>National Forest</u></p> <p>10. Size of project area (in acres): <u>5</u></p> <p>11. Stream Name: <u>North Spring</u></p> <p>12. Length of stream through project area: <u>0.25 miles</u></p> <p>13. Miles of stream benefited: <u>0.25 miles</u></p> <p>14. Acres of riparian habitat: <u>5 acres</u> will be:</p> <div style="margin-left: 200px;"> <input checked="" type="checkbox"/> Enhanced <input type="checkbox"/> Maintained <input type="checkbox"/> Restored <input type="checkbox"/> Created </div>			
<p>15. Provide directions to the project site from the nearest city or town. List any special access requirements: From Alpine, AZ travel west on Forest Road 249 for approximately 6 miles to the junction of Forest Road 88B. Turn north on Forest Road 88B and travel approximately 3.5 miles to North Springs on the west side of 88B. No special access requirements.</p>			
Environmental Contaminant Location Information			
<p>5. 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> <p>6. 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> <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>			

Project Location & Environmental Contaminant Information FY 2009

Project Location Information – Home Creek			
1. County: <u>Apache</u>	2. Section: <u>3</u>	3. Township: <u>4N</u>	4. Range: <u>28E</u>
<p>5. Watershed: <u>Salt River</u></p> <p>6. Name of USGS Topographic Map where project area is located: <u>Big Lake South and Buffalo Crossing</u></p> <p>7. State Legislative District: <u>4</u> (Information available at http://156.42.40.10/mapping/default2.asp?tname=Interim.2004.Legislative.Map)</p> <p>8. Land ownership of project area: <u>USDA Forest Service</u></p> <p>9. Current land use of project area: <u>National Forest</u></p> <p>10. Size of project area (in acres): <u>20</u></p> <p>11. Stream Name: <u>Home Creek</u></p> <p>12. Length of stream through project area: <u>0.5 miles</u></p> <p>13. Miles of stream benefited: <u>0.5 miles</u></p> <p>14. Acres of riparian habitat: <u>20 acres</u> will be:</p> <div style="margin-left: 300px;"> <input type="checkbox"/> Enhanced <input type="checkbox"/> Maintained <input checked="" type="checkbox"/> Restored <input type="checkbox"/> Created </div>			
<p>15. Provide directions to the project site from the nearest city or town. List any special access requirements: From Alpine, AZ travel west on Forest Road 249 to its junction with Forest Road 276 in William's Valley. Follow Forest Road 276 for approximately 10 miles to Buffalo Crossing and then turn west on Forest Road 25 for 0.75 miles to Forest Road 25J. Turn north on Forest Road 25J to the site, approximately 0.5 miles. No special access requirements.</p>			
Environmental Contaminant Location Information			
<p>7. 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>8. 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>			

Project Location & Environmental Contaminant Information FY 2009

Project Location Information – Three Forks			
1. County: <u>Apache</u>	2. Section: <u>6</u>	3. Township: <u>5N</u>	4. Range: <u>28E</u>
<p>5. Watershed: <u>Salt River</u></p> <p>6. Name of USGS Topographic Map where project area is located: <u>Buffalo Crossing</u></p> <p>7. State Legislative District: <u>4</u> (Information available at http://156.42.40.10/mapping/default2.asp?tname=Interim.2004.Legislative.Map)</p> <p>8. Land ownership of project area: <u>USDA Forest Service</u></p> <p>9. Current land use of project area: <u>National Forest</u></p> <p>10. Size of project area (in acres): <u>20</u></p> <p>11. Stream Name: <u>East Fork Black River and Boneyard Creek</u></p> <p>12. Length of stream through project area: <u>0.8 miles</u></p> <p>13. Miles of stream benefited: <u>0.8 miles</u></p> <p>14. Acres of riparian habitat: <u>20 acres</u> will be:</p> <div style="margin-left: 300px;"> <input type="checkbox"/> Enhanced <input type="checkbox"/> Maintained <input checked="" type="checkbox"/> Restored <input type="checkbox"/> Created </div>			
<p>15. Provide directions to the project site from the nearest city or town. List any special access requirements: From Alpine, AZ travel west on Forest Road 249 for approximately 8.5 miles to the Three Forks site. No special access requirements.</p>			
Environmental Contaminant Location Information			
<p>9. 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>10. 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>			

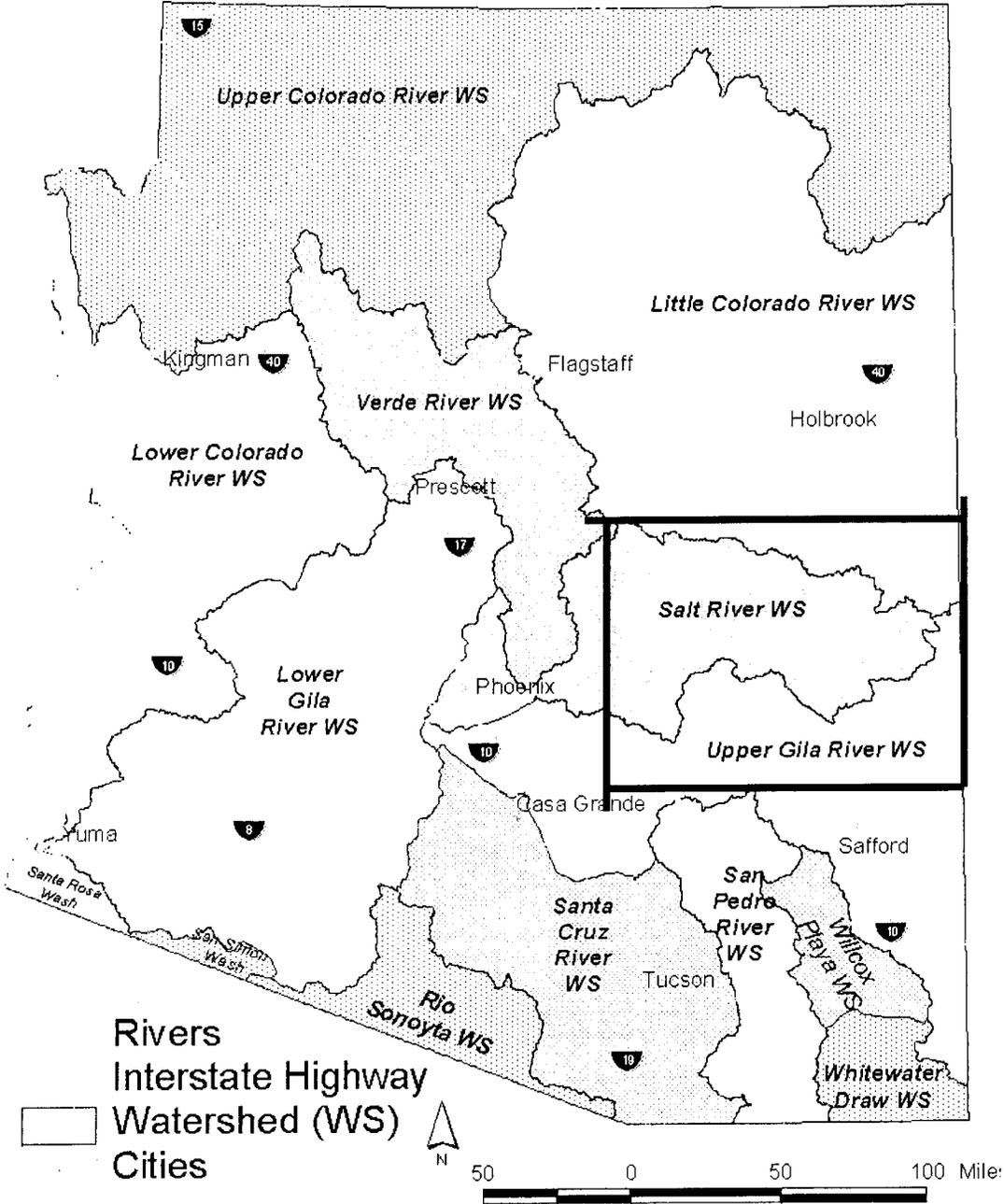
**Project Location & Environmental Contaminant Information
FY 2009**

Project Location Information – Hulsey Fork			
1. County: <u>Apache</u>	2. Section: 12	3. Township: 6N	4. Range: 30E
<p>5. Watershed: Little Colorado River</p> <p>6. Name of USGS Topographic Map where project area is located: Nutrioso, AZ</p> <p>7. State Legislative District: <u>4</u> (Information available at http://156.42.40.10/mapping/default2.asp?tname=Interim.2004.Legislative.Map)</p> <p>8. Land ownership of project area: <u>USDA Forest Service</u></p> <p>9. Current land use of project area: <u>National Forest</u></p> <p>10. Size of project area (in acres): 10</p> <p>11. Stream Name: Hulsey Creek</p> <p>12. Length of stream through project area: 1.0 miles</p> <p>13. Miles of stream benefited: <u>1.0 miles</u></p> <p>14. Acres of riparian habitat: <u>10 acres</u> will be:</p> <p align="right"> <input type="checkbox"/> Enhanced <input type="checkbox"/> Maintained <input checked="" 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: From Alpine, AZ travel west on US Highway 191 for approximately 6 miles to Forest Road 56. Travel approximately 3.8 miles to turn off to the north leading to Hulsey Fork. Special USFS access agreement will be required.</p>			
Environmental Contaminant Location Information			
<p>11. 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>12. 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>			

Project Location & Environmental Contaminant Information FY 2009

Project Location Information – Turkey Creek			
1. County: <u>Apache</u>	2. Section: 34	3. Township: 5N	4. Range: 30E
<p>5. Watershed: Upper Gila River</p> <p>6. Name of USGS Topographic Map where project area is located: Alpine, AZ</p> <p>7. State Legislative District: <u>4</u> (Information available at http://156.42.40.10/mapping/default2.asp?tname=Interim.2004.Legislative.Map)</p> <p>8. Land ownership of project area: <u>USDA Forest Service</u></p> <p>9. Current land use of project area: <u>National Forest</u></p> <p>10. Size of project area (in acres): 5</p> <p>11. Stream Name: Hulsey Creek</p> <p>12. Length of stream through project area: 1.0 miles</p> <p>13. Miles of stream benefited: <u>1.0 miles</u></p> <p>14. Acres of riparian habitat: <u>5 acres</u> will be:</p> <div style="margin-left: 300px;"> <input type="checkbox"/> Enhanced <input type="checkbox"/> Maintained <input checked="" type="checkbox"/> Restored <input type="checkbox"/> Created </div>			
<p>15. Provide directions to the project site from the nearest city or town. List any special access requirements: From Alpine, AZ travel west on US Highway 191 for approximately 1 mile to Forest Road 249 to arrive at the lower end of Turkey Creek. Travel approximately 0.8 miles further to reach the upper end of the treatment site. No special access requirements.</p>			
Environmental Contaminant Location Information			
<p>13. 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>14. 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: Alpine Ranger District Riparian Improvement

Project Location & Environmental Contaminant Information FY 2009

Project Location Information – Upper San Francisco River			
1. County: <u>Apache</u>	2. Section: 4	3. Township: 5N	4. Range: 29E
<p>5. Watershed: Upper Gila River</p> <p>6. Name of USGS Topographic Map where project area is located: Alpine, AZ</p> <p>7. State Legislative District: <u>4</u> (Information available at http://156.42.40.10/mapping/default2.asp?tname=Interim.2004.Legislative.Map)</p> <p>8. Land ownership of project area: <u>USDA Forest Service</u></p> <p>9. Current land use of project area: <u>National Forest</u></p> <p>10. Size of project area (in acres): 5</p> <p>11. Stream Name: Hulsey Creek</p> <p>12. Length of stream through project area: 0.25 miles</p> <p>13. Miles of stream benefited: <u>0.25 miles</u></p> <p>14. Acres of riparian habitat: <u>5 acres</u> will be:</p> <div style="margin-left: 300px;"> <input type="checkbox"/> Enhanced <input type="checkbox"/> Maintained <input checked="" type="checkbox"/> Restored <input type="checkbox"/> Created </div>			
<p>15. Provide directions to the project site from the nearest city or town. List any special access requirements: From Alpine, AZ travel west on US Highway 191 for approximately 1 mile to Forest Road 249. Travel approximately 1.0 miles to un-named 2-track road leading south. Travel approximately ¾ miles to Bebb's willow site. No special access requirements.</p>			
Environmental Contaminant Location Information			
<p>15. 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>16. 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>			

Project Location/Ownership Map(s)

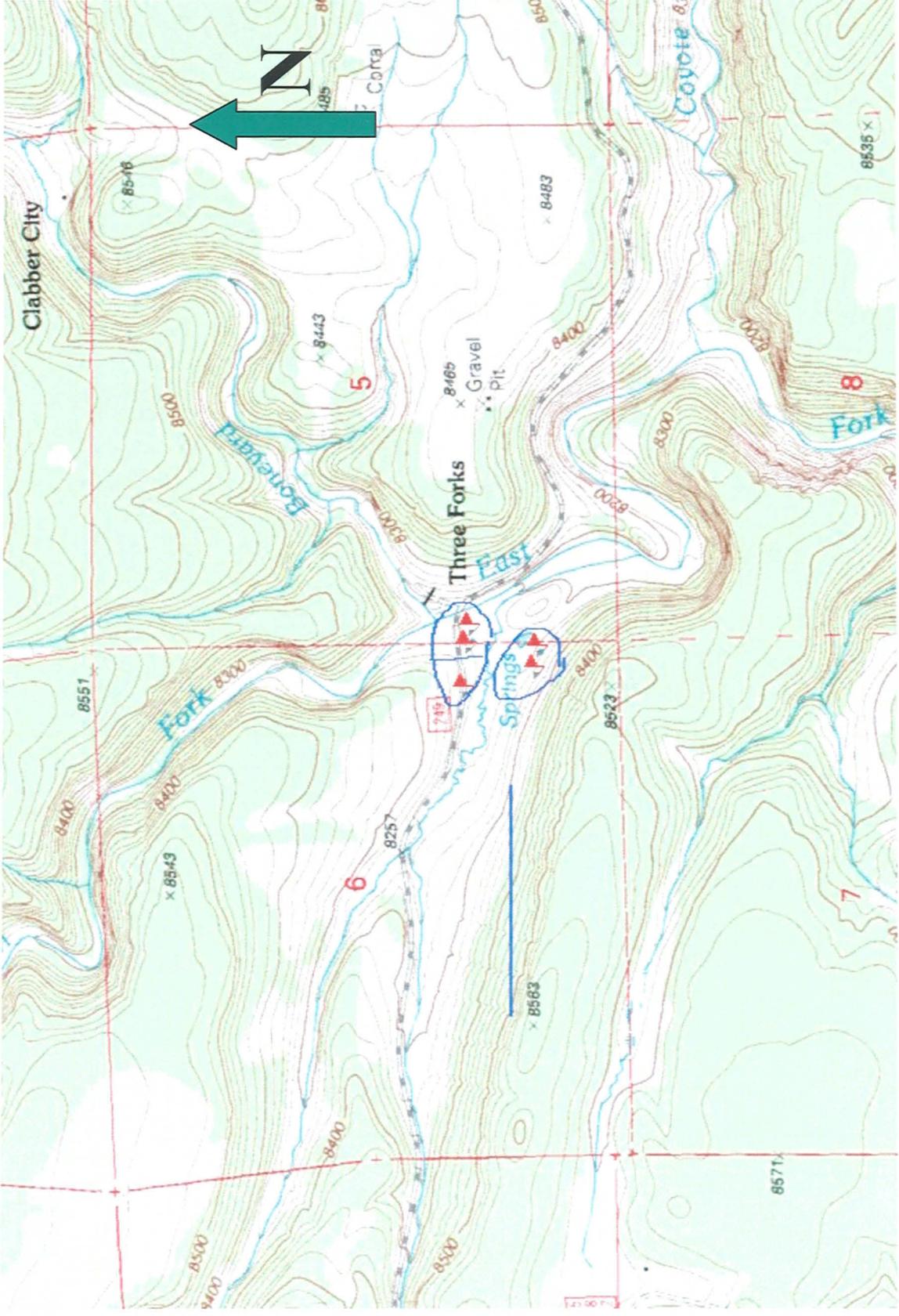


Figure 1. Three Forks project site

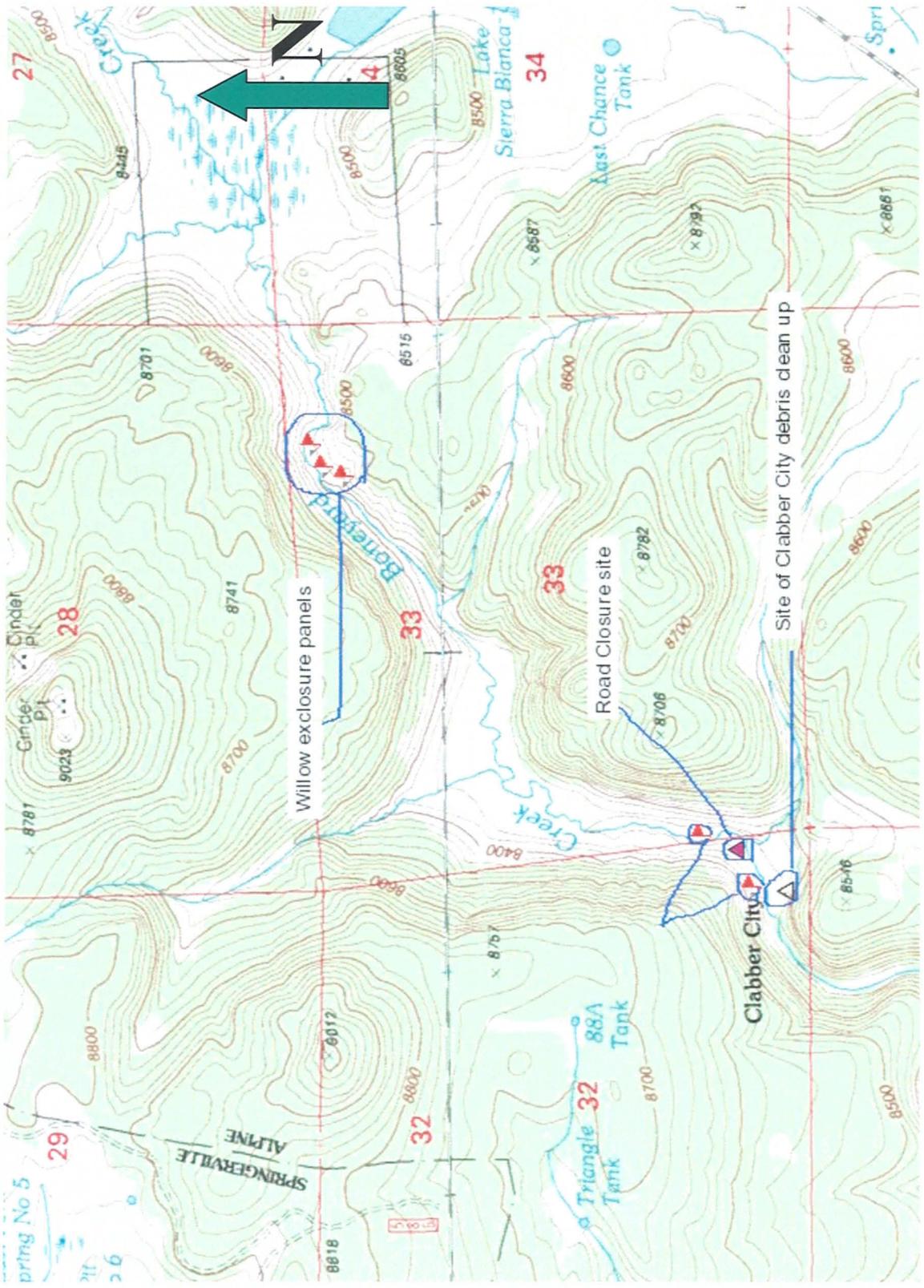


Figure 2. Boneyard project site

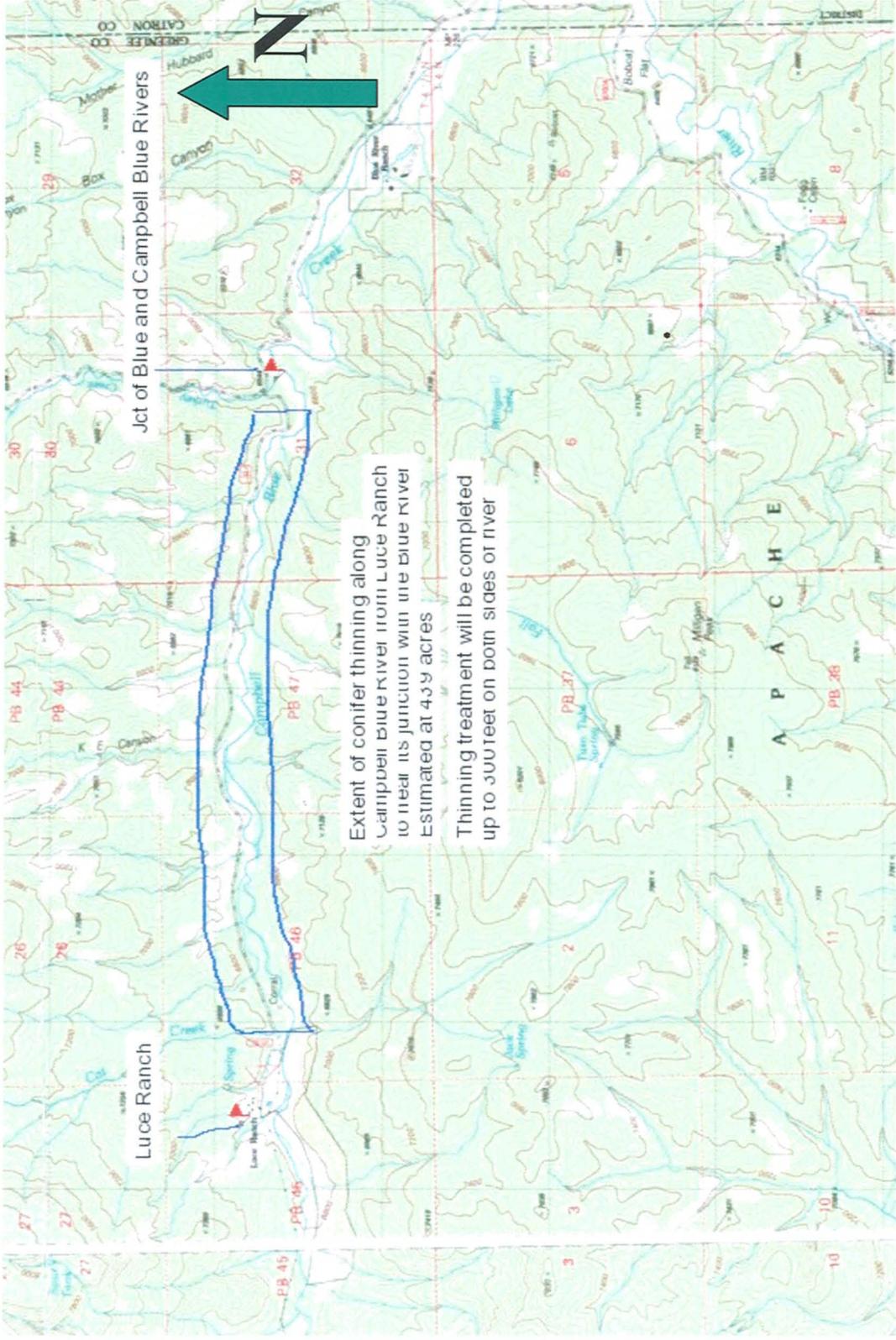


Figure 3. Campbell and Blue Rivers project site

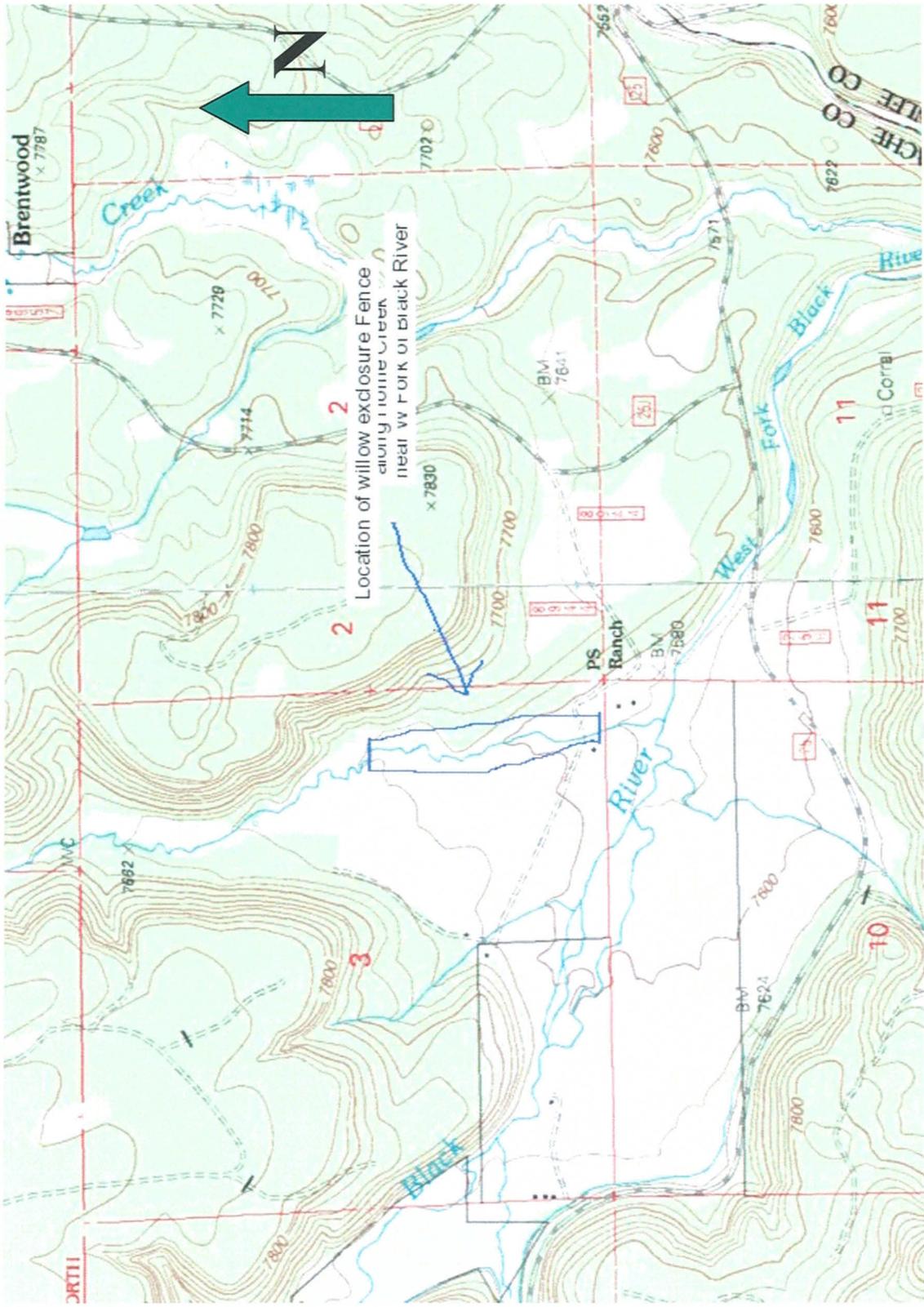


Figure 4. Home Creek project site

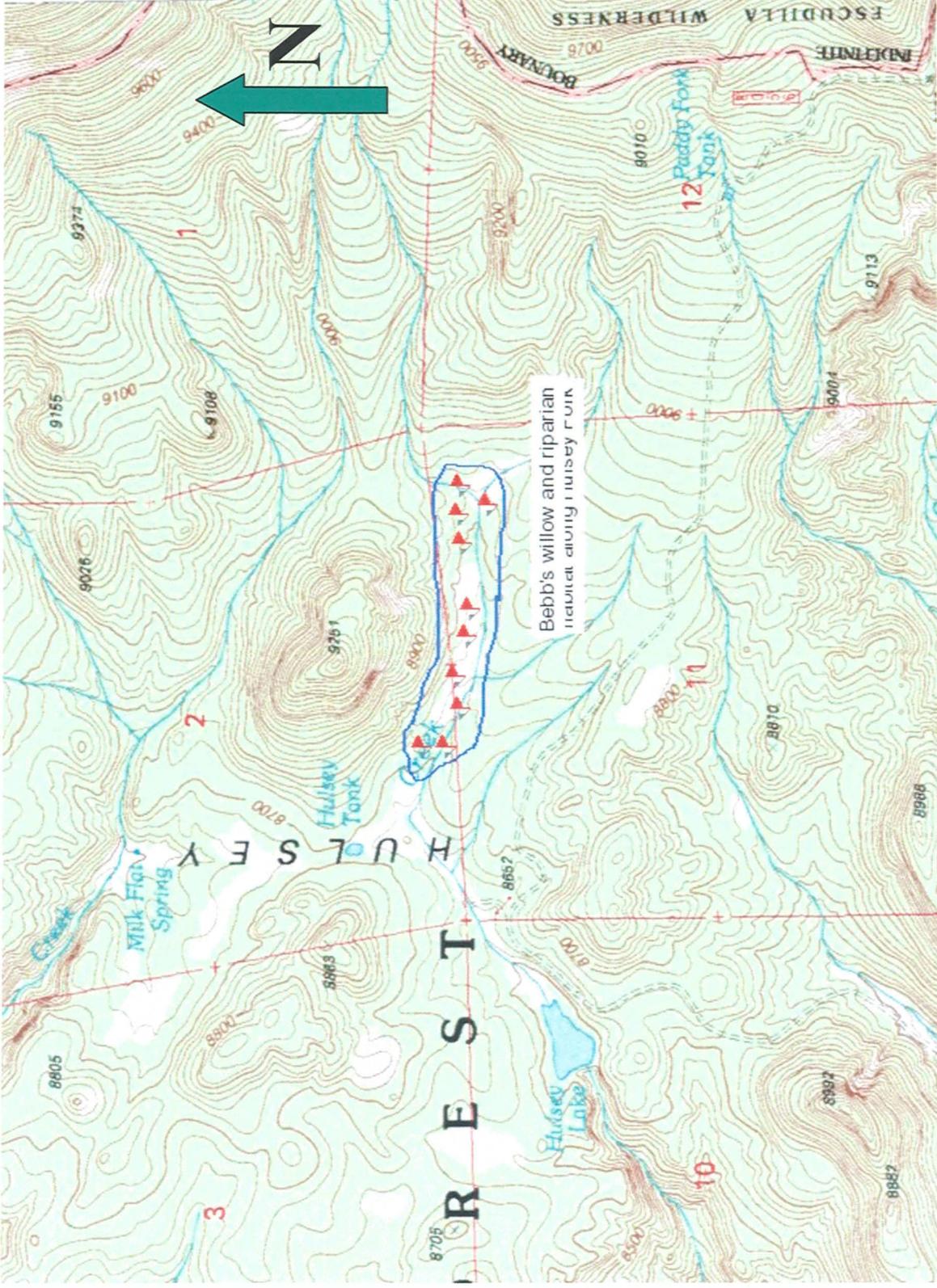
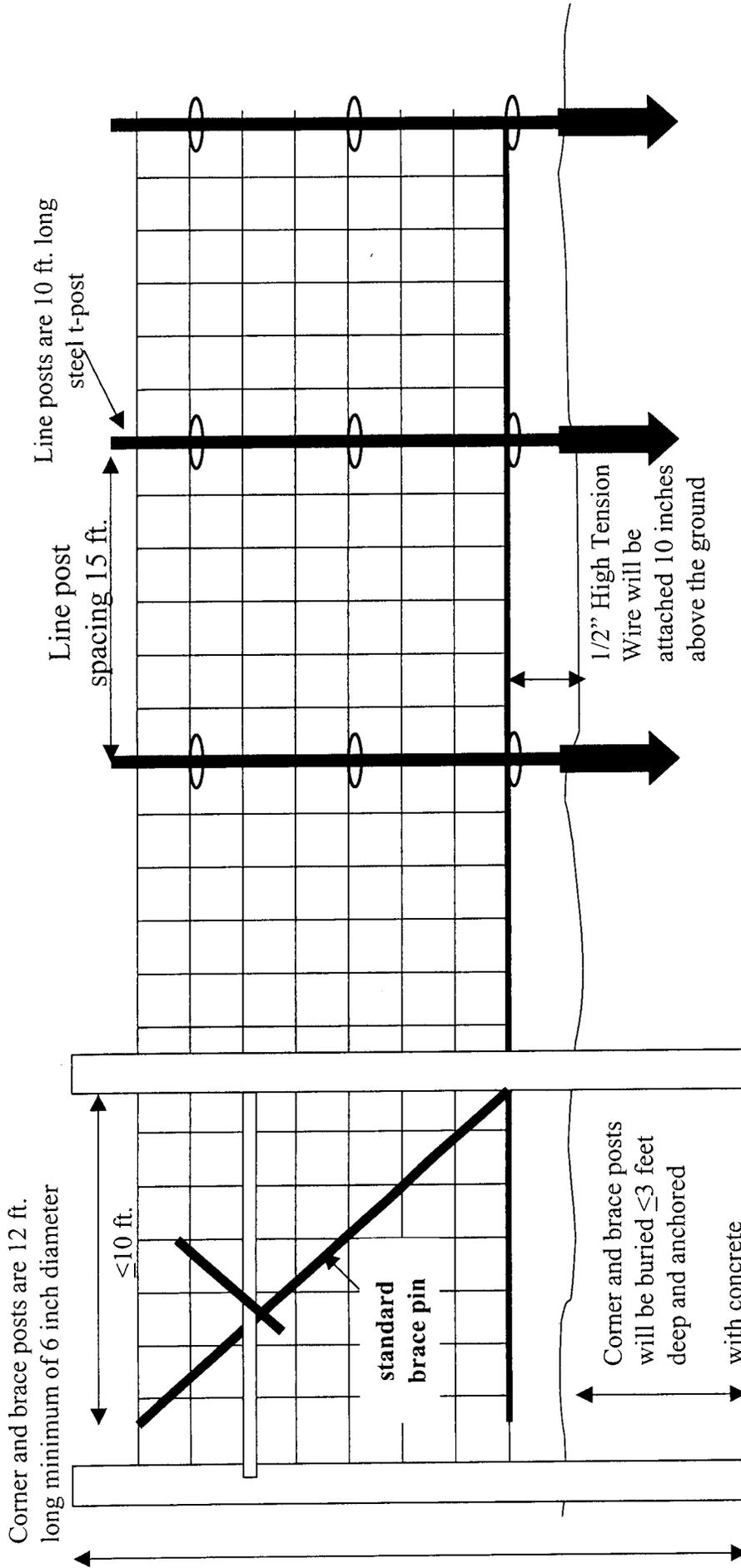


Figure 5. Hulsey Creek project site

Project Schematic(s)

Figure 1. FENCE DESIGN SCHEMATIC AND MATERIALS LIST



12 foot 4.5 inch black steel pipe
 8 foot 6 inch mesh 11.5 gauge fence

10 foot steel t-posts

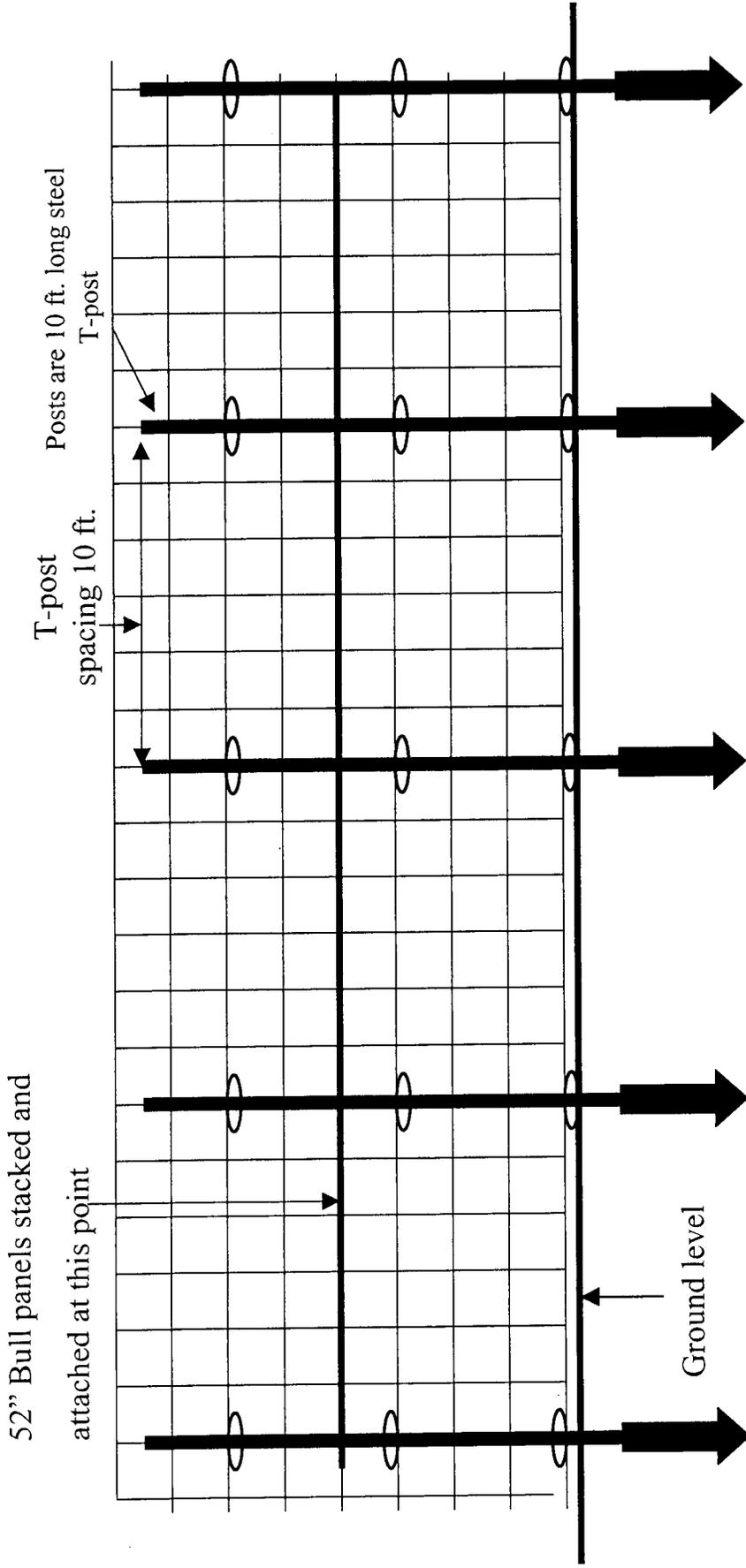
ready mix concrete

1/2 inch tension cable

fence connector rings

8' X12' hinged aluminum gates with adjustable slide lock

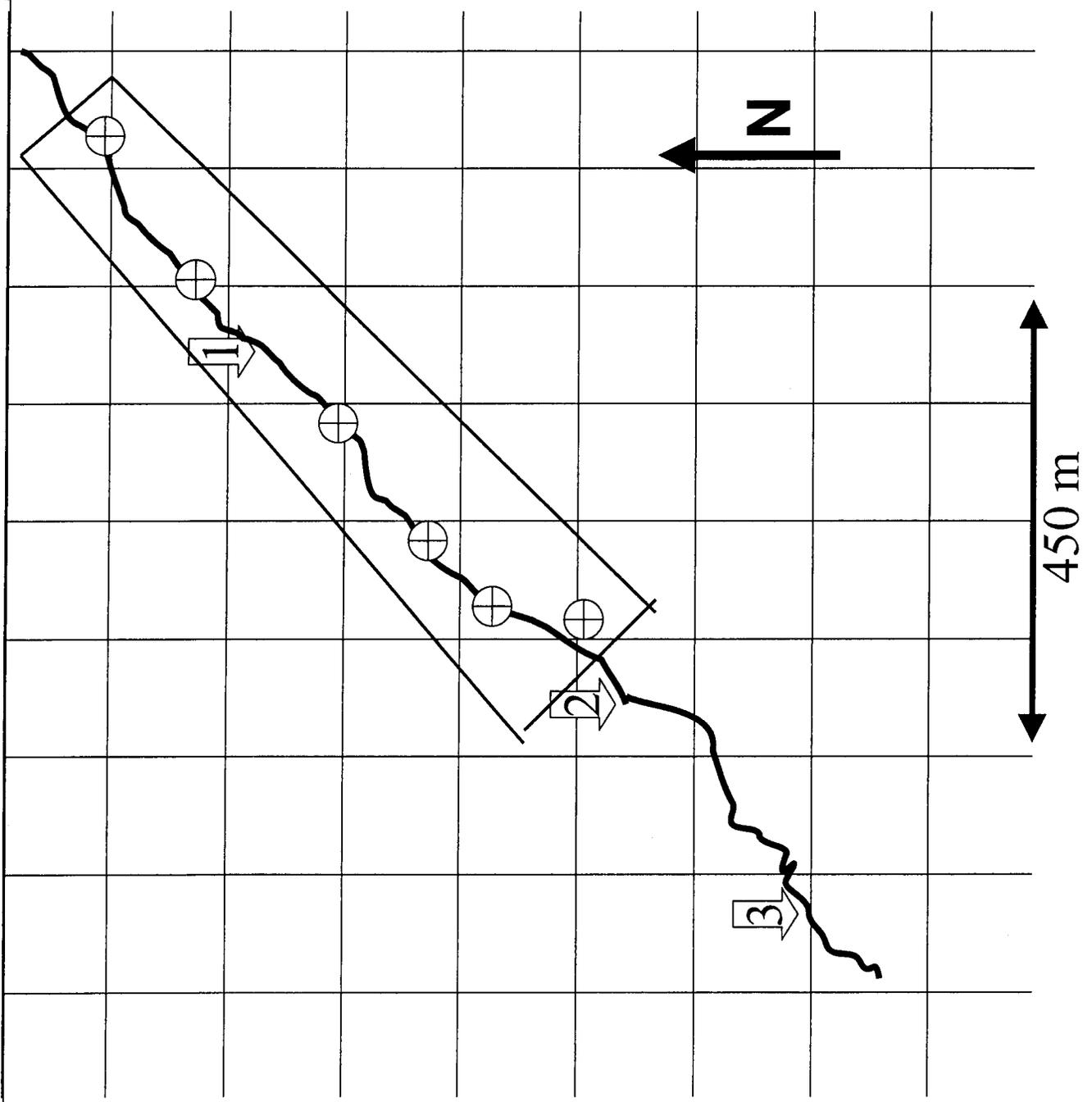
Figure 2. BULL PANEL SCHEMATIC AND MATERIALS LIST



• 10' Steel T-posts • 52'' X 16' Bull Panels

• Connection wire ○

Figure 3. Home Creek Site



- Stream corridor
- Locations of water monitoring points
- Permanent photo points
- Fence Line

Detailed Budget Breakdown

Task #1: Permits, Authorizations, Clearances and Agreements

Labor:	NWTF Site Coordinator: 60 hrs @ \$50/hr	\$3,000.00
	USFS NEPA Clearance Campbell Blue	\$10,000.00
	USFS NEPA Clearance 7 remaining sites	\$10,000.00
Travel:	NWTF Site Coordinator: Mileage, per diem, lodging	\$2,530.00
	2 Trips @ Mileage/Travel/Rental Car (\$765), per diem (5 days @ \$40/day), lodging (4 nights @ \$75/night)	
Supplies:	Misc. office supplies (paper, binders, folders, etc.)	\$300.00
Admin:	Administrative costs @5% of \$25,830.00	\$1,291.50
		\$27,121.50

Task #2: Prepare and Submit Project Work Plans

Labor:	NWTF Project Manager: 40 hrs @ \$60/hr	\$2,400.00
	NWTF Site Coordinator: 100 hrs @ \$50/hr	\$5,000.00
Supplies:	Misc. office supplies & postage (paper, binders, folders, etc.)	\$100.00
Admin:	Administrative costs @5% of \$7,500.00	\$375.00
		\$7875.00

Task #3: Boneyard Restoration

Labor:	NWTF Site Coordinator: 40 hrs @ \$50/hr	\$2,000.00
Travel:	NWTF Site Coordinator: Mileage, per diem, lodging	\$2,530.00
	2 Trips @ Mileage/Travel/Rental Car (\$765), per diem (5 days @ \$40/day), lodging (4 nights @ \$75/night)	
Outside Services:	Panel Installation (8 panels @ \$1,000.00/panel)	\$8,000.00
	Fence/Gate Installation (\$2,500.00)	\$2,500.00
	Debris removal from Clabber City	\$7,500.00
Admin:	Administrative costs @5% of \$22,530	\$1,126.50
		\$23,656.50

Task #4: Campbell Blue Restoration

Labor:	NWTF Site Coordinator: 120 hrs @ \$50/hr	\$6,000.00
Travel:	NWTF Site Coordinator: Mileage, per diem, lodging	\$6,325.00
	5 Trips @ Mileage/Travel/Rental Car (\$1800), per diem (12 days @ \$40/day), lodging (10 nights @ \$75/night)	
Outside Services:	Conifer Thinning (439 acres @ \$307/acre)	\$134,773.00
Admin:	Administrative costs @5% of \$147,098.00	\$7,354.90
		\$154,452.90

Task #5: North Springs, Hulsey Fork, Turkey Creek, and Upper San Francisco River Restoration

Labor:	NWTF Site Coordinator: 40 hrs @ \$50/hr	\$2,000.00
Travel:	NWTF Site Coordinator: Mileage, per diem, lodging	\$2,530.00
	2 Trips @ Mileage/Travel/Rental Car (\$765), per diem (5 days @ \$40/day), lodging (4 nights @ \$75/night)	
Outside Services:	Panel Installation (22 Panels @\$1,000.00/panel)	\$22,000.00
Admin:	Administrative costs @5% of \$26,530.00	<u>\$1,326.50</u>
		\$27,856.50

Task #6: Home Creek Restoration

Labor:	NWTF Site Coordinator: 80 hrs @ \$50/hr	\$4,000.00
Travel:	NWTF Site Coordinator: Mileage, per diem, lodging	\$2,530.00
	2 Trips @ Mileage/Travel/Rental Car (\$765), per diem (5 days @ \$40/day), lodging (4 nights @ \$75/night)	
Outside Services:	Fence Installation (3,000 feet @\$15.50/foot)	\$46,500.00
Admin:	Administrative costs @5% of \$53,030.00	<u>\$2,651.50</u>
		\$55,681.50

Task #7: Three Forks Restoration

Labor:	NWTF Site Coordinator: 40 hrs @ \$50/hr	\$2,000.00
Travel:	NWTF Site Coordinator: Mileage, per diem, lodging	\$3,795.00
	3 Trips @ Mileage/Travel/Rental Car (\$765), per diem (5 days @ \$40/day), lodging (4 nights @ \$75/night)	
Outside Services:	Restoration of spring boxes (5)	\$5,000.00
	Consultation with spring snail experts	\$3,000.00
Admin:	Administrative costs @5% of \$13,795.00	<u>\$689.75</u>
		\$14,484.75

Task #8: Conduct Monitoring

Labor:	NWTF Site Coordinator: 384 hrs @ \$50/hr	\$19,200.00
Travel:	NWTF Site Coordinator: Mileage, per diem, lodging	\$17,710.00
	14 Trips @ Mileage/Travel/Rental Car (\$765), per diem (48 days @ \$40/day), lodging (36 nights @ \$75/night)	
Admin:	Administrative costs @5% of 36,910	<u>\$1845.50</u>
		\$38,755.50

Task #9: Public Outreach (Project Signage, Magazine and Newsletter Articles)

Labor:	NWTF Site Coordinator: 40 hrs @ \$50/hr	\$2,000.00
	NWTF Media Personnel: 40 hrs @ \$50/hr	\$2,000.00
Travel:	NWTF Site Coordinator: Mileage, per diem, lodging	\$1,265.00
	1 Trip @ Mileage/Travel/Rental Car (\$765), per diem (2 days @ \$40/day), lodging (1 nights @ \$75/night)	
Supplies:	Misc. supplies & postage,	\$150.00
Materials:	Informational Signs: 8 @ \$250/ea	\$2,000.00
Admin:	Administrative costs @5% of \$7,415.00	<u>\$370.75</u>

\$7,785.75

Task #10: Progress Reports & Project Management Billing

Labor:	NWTF Project Manager: 50 hrs @ \$60/hr	\$3,000.00
	NWTF Site Coordinator: 150 hrs @ \$50/hr	\$7,500.00
Supplies:	Misc. office supplies & postage (paper, binders, folders, etc.)	\$250.00
Admin:	Administrative costs @5% of 10,750	<u>\$537.50</u>
		\$11,287.50

Task #11: Final Report

Labor:	NWTF Project Manager: 20 hrs @ \$60/hr	\$1,200.00
	NWTF Site Coordinator: 40 hrs @ \$50/hr	\$2,000.00
Supplies:	Misc. office supplies & postage (paper, binders, folders, etc.)	\$250.00
Admin:	Administrative costs @5% of \$3,450	<u>\$172.50</u>
		\$3,622.50

Project Total (Task #1-#11)

Total AWP Project Request: Task #1-#11 \$372,579.90

Detailed Matching Funds Breakdown

Task #1: Permits, Authorizations, Clearances and Agreements

Admin:	NWTF Administrative costs @10% of \$27,830	\$2,783.00
Labor:	USFS NEPA Clearance at Campbell Blue	\$47,493.00
		\$50,276.00

Task #2: Prepare and submit Project Work Plans

Admin:	NWTF Administrative costs @10% of \$7,500	\$750.00
		\$750.00

Task #3: Boneyard Restoration

Admin:	Administrative costs @10% of \$22,530	\$2,253.00
		\$2,253.00

Task #4: Campbell Blue Restoration

Admin:	Administrative costs @10% of \$147,098	\$14,709.80
		\$14,709.80

Task #5: North Springs, Hulsey Fork, Turkey Creek, and Upper San Francisco River Restoration

Admin:	Administrative costs @10% of \$26,530	\$2,653.00
		\$2,653.00

Task #6: Home Creek Restoration

Admin:	Administrative costs @10% of \$53,030	\$5,303.00
		\$5,303.00

Task #7: Three Forks Restoration

Admin:	Administrative costs @10% of \$13,795	\$1,379.50
		\$1,379.50

Task #8: Conduct Monitoring

Admin:	Administrative costs @10% of \$36,910	\$3,691.00
		\$3,691.00

Task #9: Public Outreach (Project Signage, Magazine and Newsletter Articles)

Admin:	Administrative costs @10% of \$7,415	\$741.50
		\$741.50

Task #10: Progress Reports & Project Management Billing

Admin:	Administrative costs @10% of \$10,750	\$1,075.00
		\$1,075.00

Task #11: Final Report

Admin:	Administrative costs @10% of \$3,450	<u>\$345.00</u>
		\$345.00

Project Total (Task #1- Task #11)

Total Matching Funds:	Task #1-Task #11	\$83,176.80
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Project Budget Summary – AWPFF Funds

TASK # and short description	AWPFF FUNDS REQUESTED							TOTAL AMOUNT REQUESTED E+F+G
	A DIRECT LABOR COSTS	B OTHER DIRECT COSTS	C OUTSIDE SERVICES	D CAPITAL OUTLAY	E TOTAL PROJECT COSTS A+B+C+D+E	F ADMIN COSTS E * .05=F	G	
Do not write in shaded areas.								
1: Permits, clearances and agreements	23,000	2,830			25,830	1,291.50		27,121.50
2: Prepare and submit work plans	7,400	100			7,500	375		7,875.00
3: Boneyard Restoration	2,000	2,530	18,000		22,530	1,126.50		23,656.50
4: Campbell Blue Restoration	6,000	6,325	134,773		147,098	7,354.90		154,452.90
5: North Springs, Hulsey Fork, Turkey Creek, and Upper San Francisco River Restoration	2,000	2,530	22,000		26,530	1,326.50		27,856.50
6: Home Creek Restoration	4,000	2,530	46,500		53,030	2,651.50		55,681.50
7: Three Forks Restoration	2,000	3,795	8,000		13,795	689.75		14,484.75
8: Conduct Monitoring	19,200	17,710			36,910	1,845.50		38,755.50
9: Public Outreach	4,000	3,415			7,415	370.75		7,785.75
10: Progress Reports & Project Management	10,500	250			10,750	537.50		11,287.50
11: Final Report	3,200	250			3,450	172.50		3,622.50
Totals	83,300	42,265	229,273		354,838	17,741.90		372,579.90

Project Budget Summary – Matching Funds

TASK # and short description	OTHER FUNDS (MATCHING) (4)						
	A	B	C	D	E	F	G
	DIRECT LABOR COSTS	OTHER DIRECT COSTS	OUTSIDE SERVICES	CAPITAL OUTLAY	TOTAL PROJECT COSTS	ADMIN COSTS	TOTAL MATCHING FUNDS
Do not write in shaded areas.					A+B+C+D=E		E+F=G
1: Permits, clearances and agreements	47,493				47,493	2,783.00	50,276.00
2: Develop monitoring plans						750.00	750.00
3: Boneyard Restoration						2,253.00	2,253.00
4: Campbell Restoration						14,709.80	14,709.80
5: North Springs Restoration						2,653.00	2,653.00
6: Home Creek Restoration						5,303.00	5,303.00
7: Three Forks Restoration						1,379.50	1,379.50
8: Conduct Monitoring						3,691.00	3,691.00
9: Public Outreach						741.50	741.50
10: Progress Reports/Project Management						1,075.00	1,075.00
11: Final Report						345.00	345.00
Matching Totals	47,493				47,493	35,683.80	83,176.80

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: Arizona Water Protection Fund
2. Project Title: Alpine Ranger District Riparian Improvement -- Boneyard Site
3. Applicant Name and Address: National Wild Turkey Federation, P. O. Box 530, Edgefield, SC 29824-0530
4. Current Land Owner/Manager(s): USDA Forest Service
5. Project Location, including Township, Range, Section: Boneyard site on the Alpine Ranger District of the Apache-Sitgreaves National Forest. T6N R29E S33
6. Total Project Area in Acres (or total miles if trail): 110
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 want to stop traffic from crossing the stream here and to clean up trash which resulted from a structure which burned down during a wildfire. This project will affect approximately 110 acres and allow for Bebb's willow to grow without being browsed upon by elk and trespass cattle. Fencing of springs and Bebb's willows will be accomplished with bull panels instead of fencing a

large area with elk proof fencing. The USDA Forest Service will conduct required NEPA work before this project proceeds which will include archeology surveys.

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: The ground is in a natural undisturbed condition with the exception of a roadway in the bottom of the drainage and existing barbed wire fencing present. The installation of bull panel fencing will result in the insertion of numerous steel T-posts into the ground and some vehicle traffic while the fencing is installed. The removal of burned debris from the Clabber City site will result in surface disturbance only with no digging. The closure of the road way from crossign the stream will result in approximately 4 posts to be installed for a gate to be placed. All posts will be less than 2 feet in depth.

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 UNKOWN

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.

Donna Leggett / 6/6/08
Applicant Signature /Date

Donna Leggett
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:

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:

14. Grant Program: AZ Water Protection Fund
15. Project Title: Alpine Ranger District Riparian Improvement-- Campbell Blue
16. Applicant Name and Address: National Wild Turkey Federation, P. O. Box 530, Edgefield, SC 29824-0530
17. Current Land Owner/Manager(s): USDA Forest Service
18. Project Location, including Township, Range, Section: Campbell Blue River from Luce Ranch to its junction with Forest Road 30, near its junction with the Blue River; T4N, R30E, S36
19. Total Project Area in Acres (or total miles if trail): 300
20. Does the proposed project have the potential to disturb the surface and/or subsurface of the ground? YES NO
21. Please provide a brief description of the proposed project and specifically identify any surface or subsurface impacts that are expected: Thinning to allow regeneration of willow, cottonwood, and other riparian vegetation. This will affect 300 acres with

thinning of conifers up to 300 feet from the road. Piles of thinned materials will be burned when conditions are appropriate and safe.

22. 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: The ground is currently in a natural undisturbed condition. Project may lead to some shallow disturbance due to vehicle movement or trees dropping onto ground.

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

24. 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

25. 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.

26. 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.

Donna Leggett / 6/6/08
Applicant Signature /Date

Donna Leggett
Applicant Printed Name

FOR SHPO USE ONLY	
SHPO Finding: <input type="checkbox"/> Funding this project will not affect historic properties. <input type="checkbox"/> Survey necessary – further GRANTS/SHPO consultation required (<i>grant funds will not be released until consultation has been completed</i>) <input type="checkbox"/> Cultural resources present – further GRANTS/SHPO consultation required (<i>grant funds will not be released until consultation has been completed</i>)	
SHPO Comments	
For State Historic Preservation Office:	Date:

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:

27. Grant Program: AZ Water Protection Fund
28. Project Title: Alpine Ranger District Riparian Improvement--North Spring
29. Applicant Name and Address: National Wild Turkey Federation, P. O. Box 530, Edgefield, SC 29824-0530
30. Current Land Owner/Manager(s): USDA Forest Service
31. Project Location, including Township, Range, Section: On the Alpine Ranger District, Apache-Sitgreaves National Forest, at North Spring along Forest Road 88B; T6N R29E S22
32. Total Project Area in Acres (or total miles if trail): 5
33. Does the proposed project have the potential to disturb the surface and/or subsurface of the ground? YES NO
34. Please provide a brief description of the proposed project and specifically identify any surface or subsurface impacts that are expected: We will use bull panels here to protect Bebb's willows along a short stretch of stream below the spring. We also would like to pipe water from the spring to a cattle accessible water trough away from the riparian habitat.

35. 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: The ground is currently in a natural undisturbed condition. Any disturbance would be due to construction of the bull panel fencing only with the insatallation of steel T-posts into the ground and any associated vehicles used by the fence contractors. No posts would be driven further than 2 feet into the ground.

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

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

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

38. 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.

39. 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.


Applicant Signature

6/6/08
/Date

Donna Leggett
Applicant Printed Name

FOR SHPO USE ONLY	
SHPO Finding: <input type="checkbox"/> Funding this project will not affect historic properties. <input type="checkbox"/> Survey necessary – further GRANTS/SHPO consultation required (<i>grant funds will not be released until consultation has been completed</i>) <input type="checkbox"/> Cultural resources present – further GRANTS/SHPO consultation required (<i>grant funds will not be released until consultation has been completed</i>)	
SHPO Comments	
For State Historic Preservation Office:	Date:

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:

40. Grant Program: AZ Water Protection Fund
41. Project Title: Alpine Ranger District Riparian Improvement--Home Creek
42. Applicant Name and Address: National Wild Turkey Federation, P. O. Box 530, Edgefield, SC 29824-0530
43. Current Land Owner/Manager(s): USDA Forest Service
44. Project Location, including Township, Range, Section: On the Alpine Ranger District, Apache-Sitgreaves National Forest, along Home Creek, T4N R28E S3
45. Total Project Area in Acres (or total miles if trail): 20 acres
46. Does the proposed project have the potential to disturb the surface and/or subsurface of the ground? YES NO
47. Please provide a brief description of the proposed project and specifically identify any surface or subsurface impacts that are expected: This site will utilize fencing to protect a formerly large stand of Bebb's willows which are in decline and now being subjected to heavy browsing by elk. This fence would enclose approximately 20 acres.

48. 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: The ground is currently in an undisturbed condition. The ground will be disturbed via the construction of an enclosure fence around approximately 20 acres. Fence posts and the vehicles of the fence construction crew would be the primary factors leading to disturbance. Fence posts would be installed at approximately 2 foot depths into the ground.

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

50. 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

51. 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.

52. 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.

Donna Leggett / 6/6/08
Applicant Signature /Date

Donna Leggett
Applicant Printed Name

FOR SHPO USE ONLY	
SHPO Finding:	
<input type="checkbox"/> Funding this project will not affect historic properties.	
<input type="checkbox"/> Survey necessary – further GRANTS/SHPO consultation required (<i>grant funds will not be released until consultation has been completed</i>)	
<input type="checkbox"/> Cultural resources present – further GRANTS/SHPO consultation required (<i>grant funds will not be released until consultation has been completed</i>)	
SHPO Comments	
For State Historic Preservation Office:	Date:

STATE HISTORIC PRESERVATION OFFICE Review Form

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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:

53. Grant Program: AZ Water Protection Fund
54. Project Title: Alpine Ranger District Riparian Improvement-- Three Forks
55. Applicant Name and Address: National Wild Turkey Federation, P. O. Box 530, Edgefield, SC 29824-0530
56. Current Land Owner/Manager(s): USDA Forest Service
57. Project Location, including Township, Range, Section: At Three Forks along Forest Road 249 on the Alpine Ranger District, Apache-Sitgreaves National Forest; T5N R28E S6.
58. Total Project Area in Acres (or total miles if trail): 20
59. Does the proposed project have the potential to disturb the surface and/or subsurface of the ground? YES NO
60. Please provide a brief description of the proposed project and specifically identify any surface or subsurface impacts that are expected: Protection of spring boxes to prevent the invasion of crayfish into the spring boxes and protect spring snails. The use of mesh wire over existing spring boxes only. No surface impacts are expected.

61. 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: The ground is in a natural undisturbed condition. No disturbance is expected with this project.

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

63. 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

64. 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.

65. 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.

Donna Legett / 6/6/08
Applicant Signature / Date

Donna Legett
Applicant Printed Name

FOR SHPO USE ONLY	
SHPO Finding: <input type="checkbox"/> Funding this project will not affect historic properties. <input type="checkbox"/> Survey necessary – further GRANTS/SHPO consultation required (<i>grant funds will not be released until consultation has been completed</i>) <input type="checkbox"/> Cultural resources present – further GRANTS/SHPO consultation required (<i>grant funds will not be released until consultation has been completed</i>)	
SHPO Comments	
For State Historic Preservation Office:	Date:

STATE HISTORIC PRESERVATION OFFICE Review Form

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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:

66. Grant Program: AZ Water Protection Fund
67. Project Title: Alpine Ranger District Riparian Improvement-- Hulsey Fork
68. Applicant Name and Address: National Wild Turkey Federation, P. O. Box 530, Edgefield, SC 29824-0530
69. Current Land Owner/Manager(s): USDA Forest Service
70. Project Location, including Township, Range, Section: Along Hulsey Fork, north of Forest Road 56 and west of Escudilla Mountain, north of Alpine, AZ on the Alpine Ranger District, Apache-Sitgreaves National Forest; T6N R30E S12.
71. Total Project Area in Acres (or total miles if trail): 10
72. Does the proposed project have the potential to disturb the surface and/or subsurface of the ground? YES NO
73. Please provide a brief description of the proposed project and specifically identify any surface or subsurface impacts that are expected: Protection of existing stands of Bebb's willow. Surface impacts would only be expected due to limited activities of construction crews. This would be limited to small vehicles and the installation of steel T-posts.

74. 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: The ground is in a natural undisturbed condition. The only expected disturbance on the project would include fence building activities with minor surface disturbance and the installation of steel T-posts up to 2 feet in depth.

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

76. 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

77. 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.

78. 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.

Donna Leggett / 4/6/08 Donna Leggett
Applicant Signature /Date Applicant Printed Name

FOR SHPO USE ONLY	
SHPO Finding: <input type="checkbox"/> Funding this project will not affect historic properties. <input type="checkbox"/> Survey necessary – further GRANTS/SHPO consultation required (<i>grant funds will not be released until consultation has been completed</i>) <input type="checkbox"/> Cultural resources present – further GRANTS/SHPO consultation required (<i>grant funds will not be released until consultation has been completed</i>)	
SHPO Comments	
For State Historic Preservation Office:	Date:

STATE HISTORIC PRESERVATION OFFICE Review Form

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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:

79. Grant Program: AZ Water Protection Fund
80. Project Title: Alpine Ranger District Riparian Improvement-- Turkey Creek
81. Applicant Name and Address: National Wild Turkey Federation, P. O. Box 530, Edgefield, SC 29824-0530
82. Current Land Owner/Manager(s): USDA Forest Service
83. Project Location, including Township, Range, Section: At Turkey Creek along US Highway 191 at its junction with Forest Road 249 near Alpine, AZ on the Alpine Ranger District, Apache-Sitgreaves National Forest; T5N R30E S34
84. Total Project Area in Acres (or total miles if trail): 5
85. Does the proposed project have the potential to disturb the surface and/or subsurface of the ground? YES NO
86. Please provide a brief description of the proposed project and specifically identify any surface or subsurface impacts that are expected: Protection of existing stands of Bebb's willows. Surface impacts would only be expected due to limited activities of construction crews. This would be limited to small vehicles and the installation of steel T-posts.

87. 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: The ground is in a natural undisturbed condition. The only expected disturbance on this project would include fence building activities with minor surface disturbance and the installation of steel T-posts to approximately 2 feet in depth.

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

89. 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

90. 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.

91. 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.

Donna Leggett / 6/6/08
Applicant Signature /Date

Donna Leggett
Applicant Printed Name

FOR SHPO USE ONLY	
SHPO Finding:	
<input type="checkbox"/> Funding this project will not affect historic properties.	
<input type="checkbox"/> Survey necessary – further GRANTS/SHPO consultation required (<i>grant funds will not be released until consultation has been completed</i>)	
<input type="checkbox"/> Cultural resources present – further GRANTS/SHPO consultation required (<i>grant funds will not be released until consultation has been completed</i>)	
SHPO Comments	
For State Historic Preservation Office:	Date:

STATE HISTORIC PRESERVATION OFFICE Review Form

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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:

92. Grant Program: AZ Water Protection Fund
93. Project Title: Alpine Ranger District Riparian Improvement-- Upper San Francisco River
94. Applicant Name and Address: National Wild Turkey Federation, P. O. Box 530, Edgefield, SC 29824-0530
95. Current Land Owner/Manager(s): USDA Forest Service
96. Project Location, including Township, Range, Section: At Upper San Francisco River, above Alpine, AZ on the Alpine Ranger District, Apache-Sitgreaves National Forest; T5N R29E S4.
97. Total Project Area in Acres (or total miles if trail): 5
98. Does the proposed project have the potential to disturb the surface and/or subsurface of the ground? YES NO
99. Please provide a brief description of the proposed project and specifically identify any surface or subsurface impacts that are expected: Protection of existing stands of Bebb's willows. Surface impacts would only be expected due to limited activities of construction crews. This would be limited to small vehicles and the installation of steel T-posts.

100. 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: The ground is in a natural undisturbed condition. The only expected disturbance on this project would include fence building activities with minor surface disturbance and the installation of steel T-posts to a depth of approximately 2 feet in depth.

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

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

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

103. 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.

104. 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.


Applicant Signature

/ 6/6/08
/Date

Donna Leggett
Applicant Printed Name

FOR SHPO USE ONLY	
SHPO Finding: <input type="checkbox"/> Funding this project will not affect historic properties. <input type="checkbox"/> Survey necessary – further GRANTS/SHPO consultation required (<i>grant funds will not be released until consultation has been completed</i>) <input type="checkbox"/> Cultural resources present – further GRANTS/SHPO consultation required (<i>grant funds will not be released until consultation has been completed</i>)	
SHPO Comments	
For State Historic Preservation Office:	Date:

Project Key Personnel

Detail Project Personnel Resumes can be provided upon request.

Project Manager/Wildlife Biologist

Project Management: Scott Vance, Director of Conservation Field Operations for the NWTF, will provide project coordination and oversight. Mr. Vance has 13 years of experience as a professional wildlife biologist and a certified wildlife toxicologist. He specializes in ecosystem management and enhancing wildlife habitat quality and biodiversity. Mr. Vance will be responsible for overall management of the project. He has performed these duties, as NWTF Project Manager, on two previous AWPf projects. He has a B. S. in Environmental Science from East Carolina University and a M. S. in Wildlife and Environmental Toxicology from Clemson University. Scott is responsible for supervising all of the NWTF's conservation field staff and in addition coordinates their National Habitat Programs, North American Wild Turkey Strategic Management Plan, Habitat Enhancement Grants, and spatial data GIS programs for the NWTF.

Site Coordinator

Scott Lerich, SW Regional Wildlife Biologist for the NWTF, will provide coordination and technical support for the proposed project. Mr. Lerich has 17 years of experience as a wildlife resource professional specializing in enhancing wildlife habitat quality and biodiversity. He has a B. S. in Wildlife and Fisheries Sciences from Texas A&M University and a M. S. in Range and Wildlife Management from Sul Ross State University. Scott oversees all habitat activities and conservation partnerships for the NWTF in the southwestern United States. He has served as site coordinator and on two previous AWPf projects and is very familiar with riparian ecosystem restoration.

Project Site Photographs

See attached.



Bebb's Willow at North Springs



Bebb's Webb at North Springs

This photo looking east shows some of the stand of willow along Turkey Creek near US Highway 191, just north of Alpine, AZ. Bull panels will be used here to protect select stands of Bebb's willow from elk overuse.



Turkey Creek

This photo, looking east, shows an example of Bebb's willow stands along the Upper San Francisco River to be protected by bull panels from overuse by elk. We do not want to erect a large-scale enclosure fence on this small site.



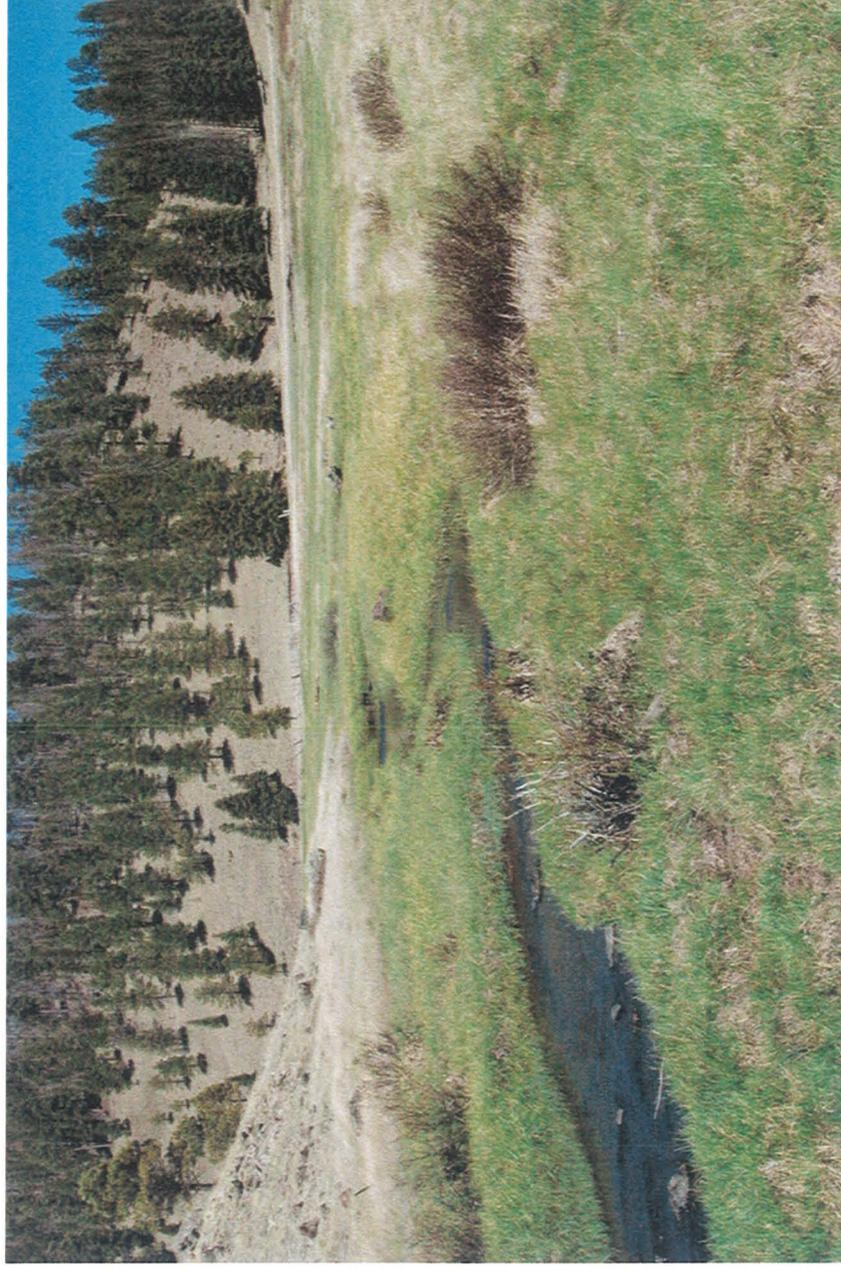
Upper San Francisco River

This is a photo from the Boneyard site looking upstream toward Boneyard Creek to the Northeast.



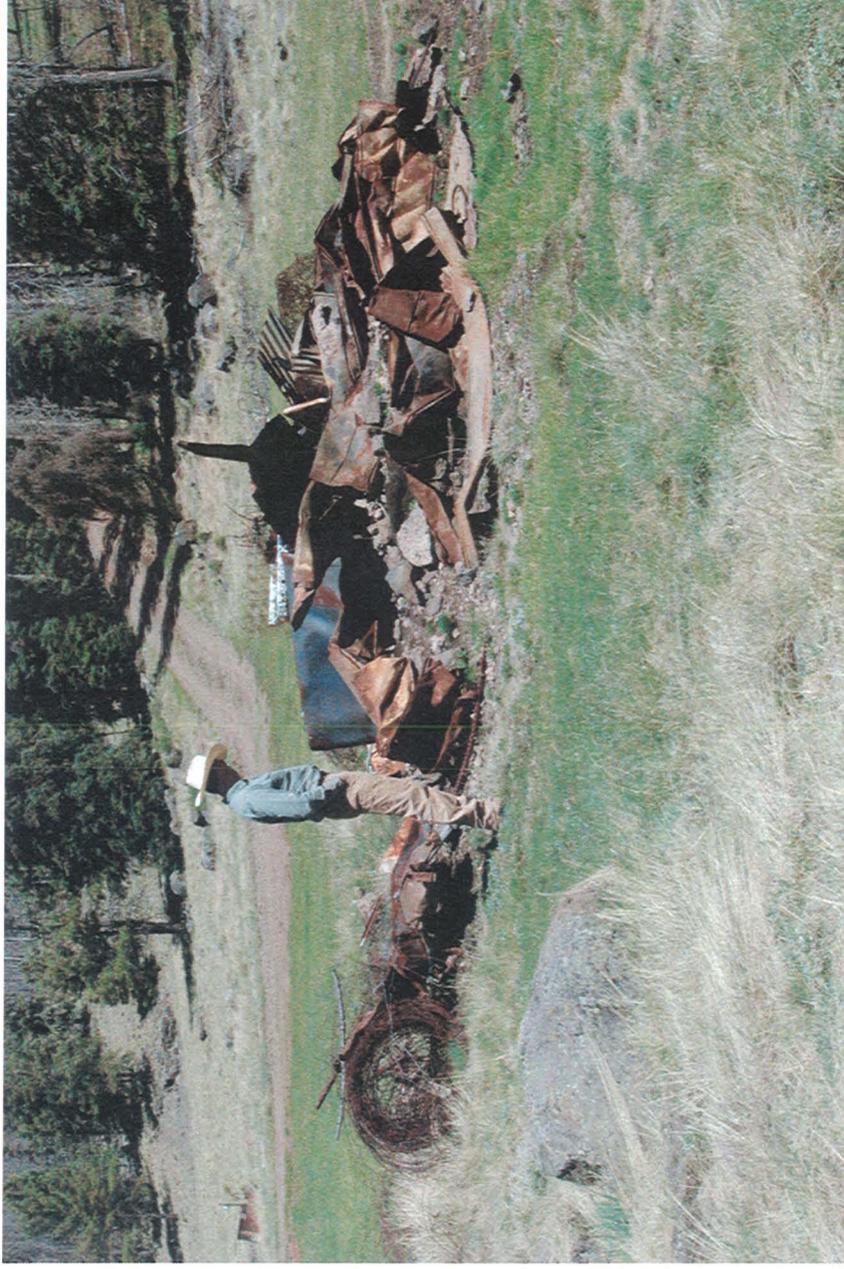
Boneyard Site

This photo from the Boneyard site is looking toward the north and shows some of the declining Bebb's willow skeletons to be protected with bull panels.



Boneyard 2

This shot of the large debris left over from the destruction of Clabber City during a wildfire in the late 1990s.



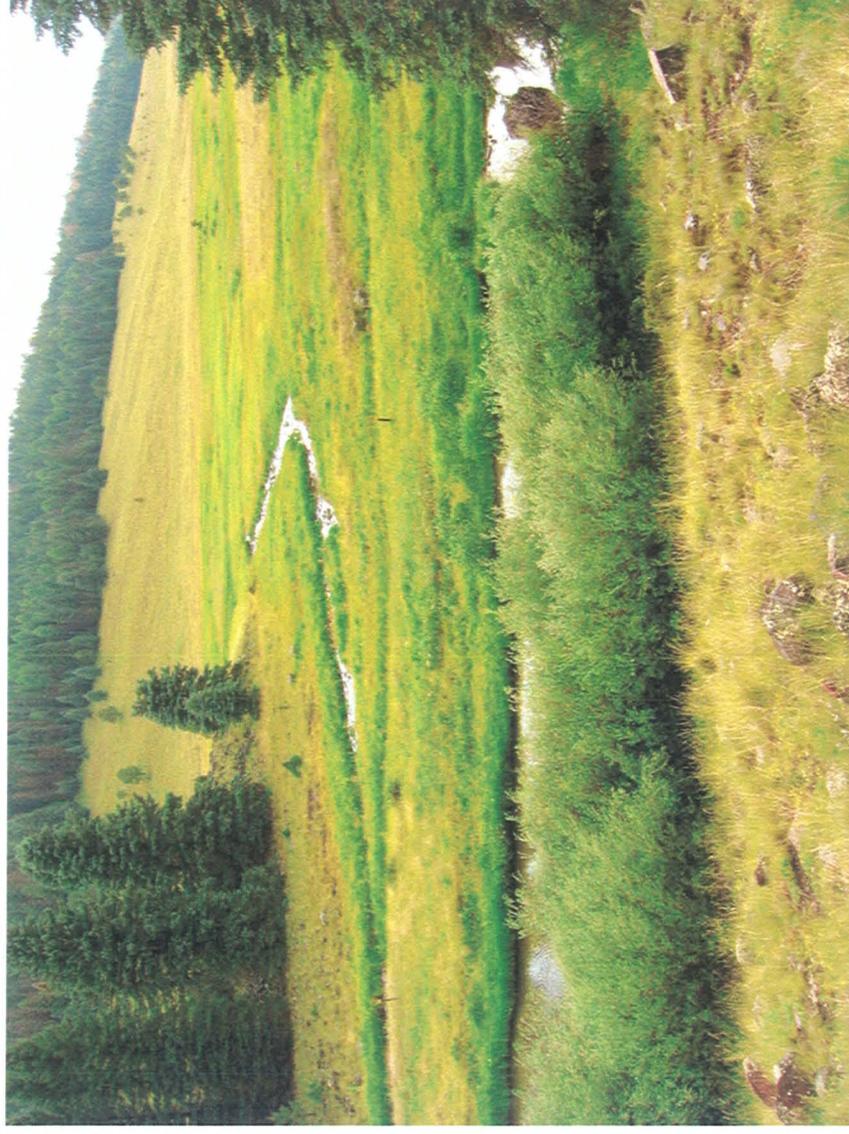
Boneyard3

This shot demonstrates the extent of the small debris from Clabber City left over from previous residents.



Boneyard4

This photo shows general Three Forks site looking toward the west. The spring boxes are either side of the drainage leading into the site from the west.



Three Forks 2

This photo shows one of the 5 springboxes at the Three Forks site which will be rebuilt to provide more a stable environment for the Three Forks springsnail (*Pyrgulopsis trivialis*)



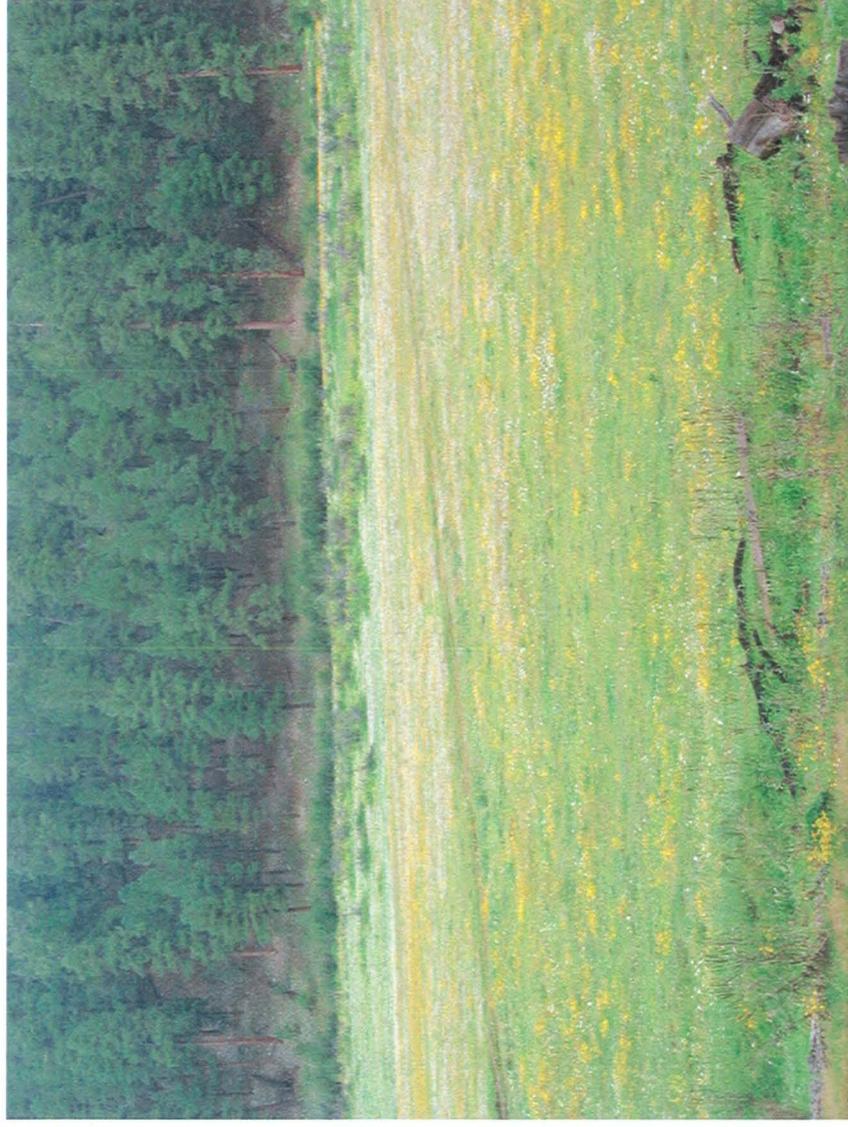
Three Forks Springbox

This photo, looking northwest to southwest across the river, demonstrates the invasion of coniferous species into the riparian bottom along the Campbell Blue River. This is an example of the area to be treated by conifer thinning.



Riparian Habitat along Campbell Blue River

This photo, , looking west to east shows the open riparian habitat and the old, formerly robust, willow stand. Decadent Bebb's willow skeletons are visible below the line of pine trees. This area will be fenced to exclude browsing species from overusing willows which sprout from the base of these skeletal remains. The exclusion of ungulates from this Site will also allow for recovery of herbaceous riparian vegetation and accelerate the recovery of this area.



Old Willow Stand Along Home Creek

This photo looking west along Hulsey Fork shows some of the Bebb's willow stands which are being impacted by browsing ungulates. Bebb's willows in this drainage will be protected by bull panels instead of large-scale Exclosure fencing.



Hulsey Fork

Project Monitoring Plans

Boneyard

Willow Recovery:

Willow recovery at Boneyard will be monitored through direct observation and counting of new willow sprouts and stems within the exclosures established to protect these species. Control points will be identified and established outside the protective exclosures in order to demonstrate the effects of the protection afforded the plants within the exclosures. This method has been shown to be effective at other sites on the Apache-Sitgreaves NF.

Herbaceous Plant Cover:

Herbaceous plant response will be documented within the exclosures with the Daubenmire frame method and Robel pole.

Public Outreach:

Signs will also be erected at the site to inform the public of the funding agencies and purpose of the project. Articles concerning the project will be written and submitted to the National Wild Turkey Federation, and the Arizona Game and Fish Department for inclusion into their publications. Additional outlets will be sought for public outreach, including but not limited to local television, radio, and newspapers concerning the proposed project, as well as web site based outlets.

Campbell Blue Conifer Thinning

Wildlife Habitat:

Utilization and frequency of use will be measured for avian species using line transects. Three transect lines will be established on each side of the river and all avian species detected visually or audibly will be identified and documented. Line transects for avian species abundance will be conducted between 1 May and 30 June annually during the project. If treatments are completed prior to 5 years, line transects will continue until the 5th year (2013). Additionally, permanent photo points will be established and utilize remote digital cameras in order to document use of the area by wildlife species.

Woody and Herbaceous Plant Cover:

Herbaceous cover will be assessed using permanent photo plots to determine recovery of vegetation. These photos will be collected at each established site in each of the 4 cardinal directions. Photo points will be established prior to the time of conifer thinning and will be recorded for the duration of the grant timeframe. Photos will be taken each year during late August or early September to record vegetative recovery to take advantage of the resulting optimal growth of treated areas. Within the treatment area permanent points will be established from which to conduct line intercept transects to document changes in woody plant responses and to establish locations for herbaceous plant response documentation. Additionally, control points will be established adjacent to but outside the treatment area on both sides of the river and vegetation monitoring will also be conducted at these two sites. In order to assist with documenting vegetation response to treatment, horizontal visual obstruction will be measured using a visual profile pole, or Robel pole.

Public Outreach:

Signs will also be erected at the site to inform the public of the funding agencies and purpose of the project. Articles concerning the project will be written and submitted to the National Wild Turkey Federation, and the Arizona Game and Fish Department for inclusion into their publications. Additional

outlets will be sought for public outreach, including but not limited to local television, radio, and newspapers concerning the proposed project, as well as web site based outlets.

Home Creek

Wildlife Habitat:

Permanent photo points will be established and utilize remote digital cameras in order to document use of the area by wildlife species. Openings along the bottom of the fence will be the primary focus of the remote digital cameras as they will then be able to photograph any species using the openings as well as any species traveling along the outside of the fence. Depending upon the speed of willow recovery during the duration of the grant, avian surveys may be utilized to document changes in avian use of the site.

Herbaceous Plant Cover:

In order to assist with documenting vegetation response to treatment, horizontal visual obstruction will be measured using a visual profile pole, or Robel pole. Herbaceous cover will be assessed using permanent photo plots to determine recovery of vegetation. These photos will be collected at each established site in each of the 4 cardinal directions. Photo points will be established prior to the installation of the exclosure fence. Photos will be taken each year during late August or early September to record vegetative recovery to take advantage of the resulting optimal growth of treated areas.

Willow Recovery:

Willow recovery at Home Creek will be monitored through direct observation and counting of new willow sprouts and stems at established plots within the exclosure established to protect these species. Control points will be identified and established outside the protective exclosures in order to demonstrate the effects of the protection afforded the plants within the exclosures. This method has been shown to be effective at other sites on the Apache-Sitgreaves NF.

Soil Moisture and Compaction:

With the exclusion of large ungulates from the treatment site soil moisture and soil compaction should demonstrate positive impacts. To measure these changes we will document soil moisture and soil compaction prior to and annually for the duration of the grant at permanent points within the exclosure. This method has been shown to be effective at other sites on the Apache-Sitgreaves NF.

Water Quality:

Water quality should be positively impacted on the site with the installation of the exclosure fence. Without large ungulates impacting the site and the expected recovery of herbaceous vegetative cover water quality and temperature should be measurably and positively changed. We will measure water quality prior to and annually for the duration of the grant at permanent points within and downstream from the exclosure. This method has been shown to be effective at other sites on the Apache-Sitgreaves NF.

Public Outreach:

Signs will also be erected at the site to inform the public of the funding agencies and purpose of the project. Articles concerning the project will be written and submitted to the National Wild Turkey Federation, and the Arizona Game and Fish Department for inclusion into their publications. Additional outlets will be sought for public outreach, including but not limited to local television, radio, and newspapers concerning the proposed project, as well as web site based outlets.

Three Forks

Wildlife Habitat:

With the limited scope of this specific project any monitoring will be limited to the effects of the proposed project on the Three Forks spring snail. In cooperation with all appropriate consultants spring snail presence and abundance will be monitored prior to and following treatments for the duration of the grant.

North Springs, Hulsey Fork, Turkey Creek, and Upper San Francisco River

Willow Recovery:

Willow recovery at Boneyard will be monitored through direct observation and counting of new willow sprouts and stems within the exclosures established to protect these species. Control points will be identified and established outside the protective exclosures in order to demonstrate the effects of the protection afforded the plants within the exclosures. This method has been shown to be effective at other sites on the Apache-Sitgreaves NF.

Herbaceous Plant Cover:

In order to assist with documenting vegetation response to treatment, horizontal visual obstruction will be measured using a visual profile pole, or Robel pole and the Daubenmire frame method will be used within exclosures as appropriate. Herbaceous cover will also be assessed using permanent photo points to document recovery of vegetation. Photo points will be established prior to the installation of the exclosure fence. Photos will be taken each year during late August or early September to record vegetative recovery to take advantage of the resulting optimal growth of treated areas.

Public Outreach:

Signs will also be erected at the site to inform the public of the funding agencies and purpose of the project. Articles concerning the project will be written and submitted to the National Wild Turkey Federation, and the Arizona Game and Fish Department for inclusion into their publications. Additional outlets will be sought for public outreach, including but not limited to local television, radio, and newspapers concerning the proposed project, as well as web site based outlets.

Existing Plans/Reports/Information

The following internet link is for the Chiricahua leopard frog:

<http://www.fws.gov/southwest/science/reviews/frog.html>

<http://www.fws.gov/southwest/es/Arizona/CLF.htm>

The following internet link is for the Southwestern willow flycatcher:

http://www.fws.gov/southwest/es/arizona/SWWF_RP.htm

http://www.azgfd.gov/w_c/nongame_southwestern_willow_flycatcher.shtml

The following internet link is for the Three Forks springsnail:

http://www.azgfd.gov/w_c/edits/documents/Pyrgtriv.d_000.pdf

<http://www.fws.gov/southwest/es/Arizona/Documents/Redbook/Three%20Forks%20Springsnail%20RB.pdf>

The following internet link is for the Narrow-headed garter snake:

<http://sbsc.wr.usgs.gov/products/pdfs/fs-2006-3059.pdf>

The following internet link is for the Mexican spotted owl:

<http://www.fws.gov/endangered/i/B6V.html>

The following internet link is for the Loach minnow and spikedace (*Meda fulgida*):

<http://www.fws.gov/southwest/es/arizona/Loach.htm>

http://www.fws.gov/southwest/es/arizona/SD_LM.htm

The following internet link is for the California floater mussel:

http://www.azgfd.gov/pdfs/w_c/hdms/Invertibrates/Anodcali.fo.pdf

Evidence of Control & Tenure

Letter of intent allowing site access is provided as part of USDA Forest Service letter of support (see support letter #1).

Evidence of Physical/Legal Availability of Water

Evidence of physical/legal availability of water is not applicable to this project.

Scope of Work: Task Descriptions

Task #1: Permits, Authorizations, Clearances and Agreements

The NWTF will obtain and submit all necessary permits, clearances, authorizations, and agreements, and perform any consultations required to complete the tasks below. The NWTF will obtain a Special Use Permit from the Alpine Ranger District to document landowner access agreement for operation and maintenance activities associated with the enclosure installation. Working through the Alpine Ranger District, NWTF will collect all documentation, including an archeological survey if required, to obtain a State Historic Preservation Office (SHPO) clearance. SHPO clearance will be obtained prior to initiation of any ground disturbing activities.

Deliverable Description: Include but not limited to: SHPO Clearance Documentation, NEPA Clearance Documentation, U.S. Forest Service Special Use Permit, U.S. Forest Service Group Volunteer Access Agreements, Contract for Fence Installation.

Deliverable Due Date: On or before June 1, 2009

AWPF Reimbursable Cost: \$ 27,121.50

Task #2: Prepare and Submit Project Work Plans

The NWTF will develop and submit monitoring plans and photo monitoring plans consistent with appropriate AWPF Policies and Application Guidelines Manual. These monitoring plans will evaluate the herbaceous plant cover, and the utilization of the project site by wildlife. The NWTF will prepare and submit the final fence design and spring box restoration plans for approval by the AWPF Project Manager. These design plans will include specific fence & spring box specifications, locations and design drawings. These plans will be supplied to contractor for execution.

Deliverable Description: Copies of monitoring and photo monitoring plans.

Deliverable Due Date: On or before June 1, 2009

AWPF Reimbursable Cost: \$ 7,875

Task #3: Boneyard Restoration

The NWTF will manage the fence installation, debris clean up, and creek crossing modifications by identified contractors around the project site according to the specifications and locations identified in the final design plans approved in Task #2.

Deliverable Description: Copies of invoices and receipts for materials, labor and equipment. Description of activities, methods, and results, including photographs submitted in a progress report.

Deliverable Due Date: On or before December 31, 2011

AWPF Reimbursable Cost: \$ 22,530.00

Task #4: Campbell Blue Thinning

The USFS will manage the thinning work at the project site according to the specifications and locations identified in the final design plans approved in Task #2 and in coordination with the NWTF site manager.

Deliverable Description: Copies of invoices and receipts for materials, labor and equipment. Description of activities, methods, and results, including photographs submitted in a progress report.

Deliverable Due Date: On or before July 31, 2013

AWPF Reimbursable Cost: \$ 154,452.90

Task #5: North Springs, Hulsey Fork, Turkey Creek, and Upper San Francisco River Restoration

The NWTF will manage the fence installation by the identified contractors around the project site according to the specifications and locations identified in the final design plans approved in Task #2 for the North Springs, Hulsey Fork, Turkey Creek, and Upper San Francisco River restoration sites.

Deliverable Description: Copies of invoices and receipts for materials, labor and equipment. Description of activities, methods, and results, including photographs submitted in a progress report.

Deliverable Due Date: On or before October 15, 2010

AWPF Reimbursable Cost: \$ 27,856.50

Task #6: Home Creek Restoration

The NWTF will manage the fence installation by the identified contractors around the project site according to the specifications and locations identified in the final design plans approved in Task #2.

Deliverable Description: Copies of invoices and receipts for materials, labor and equipment. Description of activities, methods, and results, including photographs submitted in a progress report.

Deliverable Due Date: On or before October 15, 2010

AWPF Reimbursable Cost: \$ 55,681.50

Task #7: Three Forks Restoration

The NWTF will manage the spring box restoration by the identified contractors around the project site according to the specifications and locations identified in the final design plans approved in Task #2.

Deliverable Description: Copies of invoices and receipts for materials, labor and equipment. Description of activities, methods, and results, including photographs submitted in a progress report.

Deliverable Due Date: On or before October 31, 2011

AWPF Reimbursable Cost: \$ 14,484.75

Task #8: Conduct Monitoring

The NWTF will conduct the monitoring and photo plans as specified in the monitoring plans in Task #2 on all project sites.

Deliverable Description: Baseline monitoring report and post-installation reports, including data and discussions. Final results and analysis will be included in the final report (Task #11).

Deliverable Due Date: Baseline report: December 31, 2009; Post-project monitoring reports: December 31, 2010 & December 31, 2011; and December 31, 2012; and Final Report: December 31, 2013
AWPF Reimbursable Cost: \$ 36,910.00

Task #9: Public Outreach (Project Signage, Magazine Articles, News Releases, and Project Web Page)

The NWTF will prepare and install informational signs on the project site. These signs will be used to introduce people to the role riparian restoration has to improve and enhance wildlife habitat. The NWTF will develop and distribute project articles/press releases for inclusion in local newsletters and conservation related magazines. In addition, the NWTF will develop web site links to pages with project descriptions which can be linked to the NWTF site and other appropriate sites.

Deliverable Description: Project deliverables for this project includes (1) informational signs, (2) copy of project articles and press releases, and (3) links to all web site based information.

Deliverable Due Date: Informational signs: by September 31, 2011; project print articles by September 30, 2009; September 30, 2010; September 30, 2011; September 30, 2012; and September 30, 2013; web site updates twice annually June 15 and December 15, from 2009 through 2013.

AWPF Reimbursable Cost: \$ 7,785.75

Task #10: Progress Reports & Project Management Billing

The NWTF will prepare and submit semi-annual progress reports that describe work completed in the previous Tasks. Project management billing shall be included with the progress reports.

Deliverable description: Semi-annual progress reports and project management billings.

Deliverable due date: July 31, 2009; December 31, 2009; July 31, 2010; December 31, 2010; July 31, 2011; December 31, 2011; July 31, 2012; December 31, 2012; and July 31, 2013; (Final Report – see Task #11).

AWPF Fixed Cost: \$ 11,287.50

Task #11: Final Report

The NWTF will prepare and submit a comprehensive final report consistent with AWPf Policies and Application Guidelines Manual, including a summary of all methodologies used, outcome of all tasks, analysis of all project and monitoring data, suggestions for any further changes needed in the project, and an evaluation of the projects success measured against the objectives.

Deliverable description: Final project report will summarize all methodologies used, outcome of all tasks, summarize and analyze project data & monitoring data, suggest any further changes needed in the project and evaluate project success measured against the objective.

Deliverable due date: On or before December 31, 2013

AWPF Fixed Cost: \$ 3,622.50

Community Support

Letters of support are attached from the following:

1. **USDA Forest Service**
2. **U.S. Fish and Wildlife Service**
3. **Alpine Area Chamber of Commerce**



United States
Department of
Agriculture

Forest
Service

Apache-Sitgreaves
National Forests
Alpine Ranger District

P.O. Box 469
Alpine, AZ 85920
(928) 339-5000 FAX: 339-4323
TTY: (928) 339-4566

File Code: 1500/1580/2160

Date: June 6, 2008

Scott Vance
Grant Coordinator
National Wild Turkey Federation
P.O. Box 530
Edgefield, SC 29824

Dear Scott:

I am pleased the National Wild Turkey Federation (NWTF) is interested in reducing hazardous fuels and improving riparian habitat within the Blue River drainage system. I am aware that the NWTF plans to submit an application to the Arizona Water Protection Fund Commission entitled "Campbell Blue Creek Hazardous Fuels Reduction and Riparian Restoration Project", which is up river of the of the Blue River, Alpine Ranger District, Apache-Sitgreaves National Forests. The project area consists of approximately 439 acres. We are very appreciative of Scott Lerich's work and coordination to prepare the package and for his willingness to facilitate in grant management should the project be funded.

If received, the grant would be used to help restore the natural fire regime and to restore the riparian area adjacent to the Campbell Blue Creek by thinning of conifer stands within a 300 foot or less distance of the creek.

The Campbell Blue Creek is designated as critical habitat for federally listed loach minnow and spikedace, habitat for and occupied by Chiricahua leopard frog, foraging and dispersal habitat for Mexican Spotted Owl, foraging habitat for Perrigan falcon, as well as potential habitat for the Southwestern Willow Flycatcher which are listed as endangered species under the Endangered Species Act.

As indicated in the grant application package to be submitted, the Alpine Ranger District has completed the majority of the project analysis and invested approximately \$47,000 of personnel time to date. This investment will be considered as in-kind matching funds to the requested grant funding.

You have requested access to the National Forest on the Alpine Ranger District in order to coordinate project implementation. Access will be granted. Any appropriate agreements would be signed prior to starting work. The project area lies entirely within the Apache-Sitgreaves National Forests boundary. The U. S. Forest Service, an agency within the U.S. Department of the Agriculture, administers these lands.



Scott Vance

We appreciate the opportunity to partner with the NWTF on this worthwhile project. If we can be of any additional assistance please do not hesitate to contact us.

Sincerely,



RICHARD DAVALOS
District Ranger



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 5, 2008

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

Re: National Wild Turkey Federation (NWTF) Riparian Habitat Improvement Project

Dear Arizona Water Protection Fund Commissioners:

The U.S. Fish and Wildlife Service, Arizona Fish and Wildlife Conservation Office's Partners for Fish and Wildlife Program (Service) would like to express its support of the NWTF's efforts to improve riparian habitat on the Apache-Sitgreaves National Forest. The Partners for Fish and Wildlife Program in Arizona prioritizes riparian areas and grasslands as habitats to focus on because both are heavily utilized by not only the diverse wildlife and fisheries species we have in Arizona, but also as resources for water users, cattle ranchers, hunters, anglers, to name a few. We appreciate the opportunity the project provides to protect and enhance riparian habitats in Arizona and would like to encourage efforts like this throughout the Southwest, especially in regards to the already rare riparian areas.

The Service recognizes the investment in this project requested of the Arizona Water Protection Fund and is enthusiastic about the opportunity to provide support and assistance to NWTF. We agree to work closely with the grantee and provide technical assistance and support 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 me at (928) 338-4288 ext. 25 or at Marty_Underwood@fws.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Marty Underwood'.

Martin Underwood
Partners for Fish and Wildlife Biologist

Alpine Area Chamber of Commerce

P O Box 410 Alpine, AZ 85920

June 6, 2008

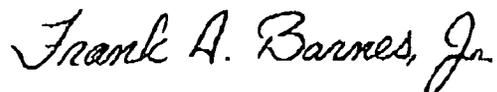
Arizona Water Protection Fund Commission
Arizona Department of Water Resources
3550 N Central Ave
Phoenix, AZ 85012

Re: National Wild Turkey Federation (NWTf) Riparian Habitat Improvement Project

Dear Arizona Water Protection Fund Commissioners:

I wanted to convey my support of the NWTf's efforts to improve riparian habitats on the Apache-Sitgreaves National Forest near Alpine, AZ. The proposed work will not only benefit the natural resources of the forest in the Alpine area, it will also benefit the community of Alpine. Efforts to enhance and protect the riparian resources of Arizona are appreciated by those of us who live nearby and depend upon those resources for our livelihoods. We appreciate the opportunity projects such as this provide to protect and enhance our natural resources, especially rare and important resources such as riparian areas.

Sincerely,



Frank A. Barnes, Jr.
Sec'y, Alpine Area Chamber of Commerce