



# Application

Hazard Mitigation Grant Program

FEMA-1888 -DR-AZ



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**January 2010 Buy Out: 201-06-156F**

Project Name

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**Gila County**

Sponsoring Agency

<b><i>For State Use Only</i></b>		
<b>Date Received</b>	<b>Application Type</b>	<b>Application Number</b>

Arizona Division of Emergency Management  
5636 E McDowell Road, Phoenix, Arizona 85008-3495  
(602) 464-6349 | 1-800-411-2336 | [www.dem.azdema.gov](http://www.dem.azdema.gov)

Aug 2010

**Return form to:** [allen.howard@azdema.gov](mailto:allen.howard@azdema.gov),  
Phone: (602) 464-6349 Fax: (602) 464-6538

**Part I: Contact Information**

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Matt Bolinger  
**Primary Contact**

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Director  
**Title**

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Gila County Emergency Management  
**Agency**

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5515 S. Apache Ave., Suite 400  
**Address**

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Globe, Gila, AZ 85501  
**City, County, State, Zip Code**

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928-402-8764  
**Phone Number**

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mbolinger@co.gila.az.us  
**E-mail**

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Debra L. Williams  
**Secondary Contact**

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Deputy Director  
**Title**

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Gila County Emergency Management  
**Agency**

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5515 S. Apache Ave., Suite 400  
**Address**

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Globe, Gila, AZ 85501  
**City, County, State, Zip Code**

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928-402-8763  
**Phone Number**

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dwilliams@co.gila.az.us  
**E-mail**

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## Part II: Community Information

**Applicant Type:** Local Government

160 E. El Vagamundo Ln.

**Project Address**

Tonto Basin, Gila, AZ 85553

**City, County, State, Zip Code**

**33.819639 ° W 111.286278° N**  
**GPS Coordinates (Decimal Degrees)**

**Datum (coordinates must be in either WGS 84, NAD 83, or NAD 27)**

**Is this a small and impoverished community? Yes**

**County Code 00000 H1**

**FIPS Code 007**

**US Congressional District 1**

**State Legislative District(s) 5**

## Part II: Community Information, Continued

### Mitigation Plan Information

**Does your state have a FEMA-approved multi-hazard mitigation plan?**

Yes

**If the plan is not yet approved, when do you expect approval?**

N/A

**Is your agency and/or project location covered by a FEMA-approved multi-hazard mitigation plan?** (An approved mitigation plan is required in order to receive funding through this grant program.)

Yes

**Use the space below to identify the goal(s), objective(s), and action(s) this project relates to in the plan.**

Goal 5: Reduce the potential level of damage and losses to people, existing and future critical facilities/infrastructure and other community assets due to floods.  
Objective 5.B Decrease vulnerability of community assets, especially critical facilities located in the 100 year flood plain.  
Objective 5.D Maintain compliance with the National Flood Insurance Program (NFIP) requirements.  
Action: Mitigate risk of loss of life and property in the most flood prone zones.

**What is the name of the plan?**

Gila County Multi-Hazard Mitigation Plan

**When was the plan approved?**

April 2006

**Is the plan a single or multi-jurisdictional plan?**

Multi-Jurisdictional

## Part II: Community Information, Continued

### Other Mitigation Efforts

Is the project area in a Firewise Community?

No

If yes, provide the Firewise Community Number.

N/A

Does the community/agency participate in the National Flood Insurance Program (NFIP)?

Yes

If so, when was the last Community Assistance Visit (CAV)? (month/year)

7/17/2008

Does the community participate in the Community Rating System (CRS)?

No    **CRS Classification**    N/A

Has the community adopted building codes consistent with the International Building Code (IBC)?

Yes

Has the community's building codes been assessed on the Building Code Effectiveness Grading Schedule (BCEGS)?

No

If yes, what is the rating?

Use the space below to enter the contact information for the Floodplain Administrator for the community.

**Name:** Darde De Roulhac  
**Title:** Floodplain Administrator  
**Agency:** Gila County  
**Address:** 608 E Hwy 260  
**City, State, Zip:** Payson, Arizona, 85541  
**Phone:** 928-474-1076  
**E-mail:** dderoulhac@co.gila.az.us

**Part III: Hazard Information**

**What hazard(s) will this project mitigate? Indicate the frequency and severity of each.**

Hazard	Frequency			Severity		
	Low	Medium	High	Low	Medium	High
Flooding/Flash Flooding	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
If other, specify:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**For flood mitigation projects, enter the following information below:**

FIRM Panel Number	Date of FIRM	Flood Zone Designation
04007C1208D	12/04/2007	AE

FIRM: Flood Insurance Rate Map

**Describe the area where the mitigation project will be implemented (be sure to attach original maps, photos, and/or diagrams that clearly depict the project location).**

See attached Standard Flood Hazard Determination document

**Part III: Hazard Information, Continued**

**Risk Assessment**

<b>Describe the values at risk by number and/or type, including dollar figures (if available).</b>	
<b>People</b>	2
<b>Buildings</b>	2-Assessor 2010 Full Cash Value \$126,821.00
<b>Infrastructure</b>	
<b>Land</b>	

**Historical Damages**

<b>Date (month/year)</b>	<b>Event</b>	<b>Brief Damage Description</b>	<b>Cost</b>
01/2010	Flash Flood	Runoff from the January 2010 storms again caused flash flooding. Approximately 2 feet of mud and water flowed through the property and structures. The house had to be completely renovated. The drywall taken out 2 feet up the wall and replaced, the carpet replaced and the entire house repainted. The barn and bunkhouse had to be cleaned to remove the water and mud.	Info Pending
<b>Total Events</b>	1	<b>Total Cost</b>	

**Part IV: Financial**

**Cost Effectiveness**

<p><b>What is the benefit-cost ratio?</b> (Attach the supporting BCA documentation.)</p>	<p>1.0</p>
<p><b>What is the net project cost?</b> (See BCA.)</p>	
<p><b>What is the dollar amount of Damages Before Mitigation?</b> (See BCA.)</p>	
<p><b>What is the dollar amount of Damages After Mitigation?</b> (See BCA.)</p>	
<p><b>What is the dollar amount of potential future damage if the hazard is not mitigated?</b> (Include any future costs not listed in the BCA.)</p>	
<p><b>Give details of any benefits not considered in the BCA (e.g., avoided future losses).</b></p>	
<p>Detailed report pending. BCA estimated to be at or greater than 1.0.</p>	

BCA: Benefit-Cost Analysis

**Part IV: Financial, Continued**

**Funding**

<b>Project Cost</b>	<b>Annual Maintenance Cost</b>	<b>Proposed Federal Share (\$ and %)</b>	<b>Proposed Non-Federal Share (\$ and %)</b>
\$201,878.88		\$151,409.16	\$50,469.72
		75 %	25 %

**Matching Non-Federal Funds**

<b>Match Share Source</b>	<b>Source Agency Name</b>	<b>Funding Type</b>	<b>Amount</b>	<b>Date Available</b>
General Funds	Gila County	In-Kind	\$50,469.72	07/01/2011
		<b>Total</b>		

Use the space below to add any pertinent details not accounted for above.

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**Be sure to include a letter that indicates the date the funds are available to be committed.**

## Part V: Project Information

### Scope of Work

**Describe the project, including what it entails and how it will address the problem being mitigated and how people and property at stake will be protected. (It may be useful to use a problem, tools, results format.)**

This property is located in FEMA Flood Zone AE and is adjacent to properties that experienced 7 feet of flood waters during the January 2010 Winter Storms. This area is a documented repetitive flood area.

Gila County Emergency Management proposes to purchase this property, demolish existing structures and return the land to open-space use. The intent of open-space acquisition from willing sellers is to maintain the property in perpetuity for uses compatible with open space, recreational, or wetlands management practices consistent with conservation of natural floodplain functions by recording deed restrictions consistent with the FEMA Model Deed Restriction.

The benefits of this mitigation action will be to prevent further risk to life and property in a natural, uncontrolled watershed

**Part V: Project Information, Continued**

**Estimated Project Timeline and Budget**

**Break down each action so that each separate cost can be documented.  
Contingency and administrative costs not allowed.**

<b>Phase</b>	<b>Duration</b>	<b>Itemized Action List</b>	<b>Cost</b>
1	6 months	Property Documentation: Site assessment, appraisal, consultation regarding ongoing federal activities	\$5,000.00
2	12 months	Purchase offer, closing costs, legal fees	\$171,879.00
3	3 months	Demolition plan, permitting and contracting	\$5,000.00
4	3 months	Site Preparation	\$5,000.00
5	6 months	Demolition, site restoration and stabilization	\$15,000.00
Admin	60 Days	The Arizona Division of Emergency Management Mitigation Office reserves this time to perform the duties associated with administering the grant.	\$0.00
<b>Total</b>		<b>Total Estimated Cost</b>	<b>\$201,879.00</b>

**Be sure to attach all relevant estimates, studies, drawings, blueprints, and preliminary engineering data, including hydrologic information, footprint, and elevations.**

**Part V: Project Information, Continued**

**Additional Questions**

<p><b>Does the project involve ground disturbance?</b> Yes</p>	<p><b>If yes, is it previously disturbed ground?</b> Yes</p>
<p><b>Use the space below to describe any potential ground disturbance involved in this project.</b></p>	
<p>(1) Site built home, (1) 20 X 40 metal barn with a cement foundation and (1) 10 x 10 bunkhouse with cement foundation and wood frame that will be demolished and debris removed from site. Grading of the site consistent with open-space use will be performed.</p>	
<p><b>Use the space below to describe any other projects in or near the project area that are related to this project.</b></p>	
<p>There are no other projects in the Sleepy Hallow subdivision in Tonto Basin; However there are 2 other acquisition projects along the Tonto Creek Area and 1 in the Roosevelt Estates area.</p>	
<p><b>Is this project being funded in any part by other federal funding sources (e.g., Public Assistance (PA), Army Corps of Engineers (USACE), Natural Resources Conservation Service (NRCS)?</b> No <b>If yes, describe below.</b></p>	
<p>N/A</p>	

**Part V: Project Information, Continued**

**Additional Questions, Continued**

<p><b>Is there a deed restriction or permanent conservation easement on the property at the project site that would prohibit federal disaster funding? NO If yes, describe below.</b></p>
<p>N/A</p>
<p><b>List any Public Assistance (PA) project worksheets (PW) or disaster survey reports (DSR) that were completed at the project’s location during disasters in the last ten (10) years.</b></p>
<p> </p>

**Public Notice**

<p><b>Are you required to give public notice for this project? YES If yes, attach the document of record, and provide point of contact information below. Document of Record pending Gila County Board of Supervisors approval to submit application.</b></p>	
<p><b>Name:</b> Matt Bolinger</p> <p><b>Title:</b> Director</p> <p><b>Agency:</b> Gila County Emergency Management</p> <p><b>Phone:</b> 928-402-8764</p>	<p><b>E-mail:</b> mbolinger@co.gila.az.us</p> <p><b>Address:</b> 5515 S. Apache Ave., Suite 400</p> <p><b>City, Zip:</b> Globe, 85501</p>

## Part V: Project Information, Continued

### Maintenance Plan

Use the space below to describe the maintenance plan, making sure to address the following questions:

- What type of maintenance will be necessary?
- How often will the maintenance be necessary?
- Who will be responsible for performing the maintenance?

Maintenance of open space property will be conducted in consideration of reducing wildfire/hazardous fuels for the protection of life and property adjacent to the project. Condition of the property will be monitored at least bi-annually, and maintenance coordinated by Gila County Emergency Management personnel as needed.

**Part V: Project Information, Continued**

**Alternative Solutions**

<p><b>Describe three (3) alternative solutions to the proposed mitigation project, including a cost estimate. One alternative may be “no action.” Alternatives must be reasonable and feasible from a technical and economic standpoint, using common sense.</b></p>		
	<b>Cost Estimate</b>	<b>Solution</b>
<b>Alternative 1</b>	See Justification	Title <b>Elevation</b>
		<b>Description</b>
<b>Alternative 2</b>	See Justification	Title <b>Relocation</b>
		<b>Description</b>
<b>Alternative 3</b>	See Justification	Title <b>No Action</b>
		<b>Description</b>

**Part V: Project Information, Continued**

**Project Justification**

**Use the space below to explain the reasoning behind choosing the proposed mitigation project over the alternative solutions listed on the previous page.**

This area of this property location has experienced repetitive flooding due to changes in the natural watershed. Flash flood events deposit debris and soil that cause changes to the stream bed elevation. With each event the risk of flooding increases. Federal restrictions regarding removal of debris from waterways in order to maintain the stream bed elevation ensures future flood events.

Elevation in this area of the natural watershed could create risks related to isolation of the property and possible emergency rescue of residents due to complications of isolation.

Relocation is cost prohibitive due to the 25% matching burden on the homeowner, including the requirement to maintain flood insurance on properties benefiting from federal funding.

This project proposes to acquire this property and dedicate the land to open space use as part of the county's ongoing flood mitigation efforts, thereby reducing the risk to life and property.

## Part VI: Signatory and Attachments

### Signatures

By signing below, I am agreeing that, to the best of my knowledge and belief, the data in this application and supporting documents are true and correct, and that willful misrepresentation may cause the application to be denied.

Signature of Applicant or Designee	Date
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Signature of Applicant or Designee	Date
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Signature of Applicant or Designee	Date
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### Attachments

Check the box next to each article that has been included with this application:

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Designation of Applicant Agent    | <input type="checkbox"/> Assurances (FF 2016)     | <input type="checkbox"/> Benefit-Cost Analysis |
| <input type="checkbox"/> Environmental Questionnaire       | <input type="checkbox"/> Maps, Photos, Blueprints | <input type="checkbox"/> Engineering/hydrology |
| <input type="checkbox"/> Property Inventory Spreadsheet(s) | <input type="checkbox"/> Funds Commitment Letter  | <input type="checkbox"/> DSRs, PWs             |