



**Arizona Department of Environmental Quality**

**Water Quality Improvement  
Grant Program**



## Who am I

- Samuel “Jake” Breedlove
  - Grant & Watershed Coordinator
  - Arizona Department of Environmental Quality



## Grant Cycle 14

RFGA July 1, 2013

~\$1.2 million funds  
available

Funding only available  
for impaired waterways

Important Dates:

Pre-proposal Due

August 9, 2013

Final Application

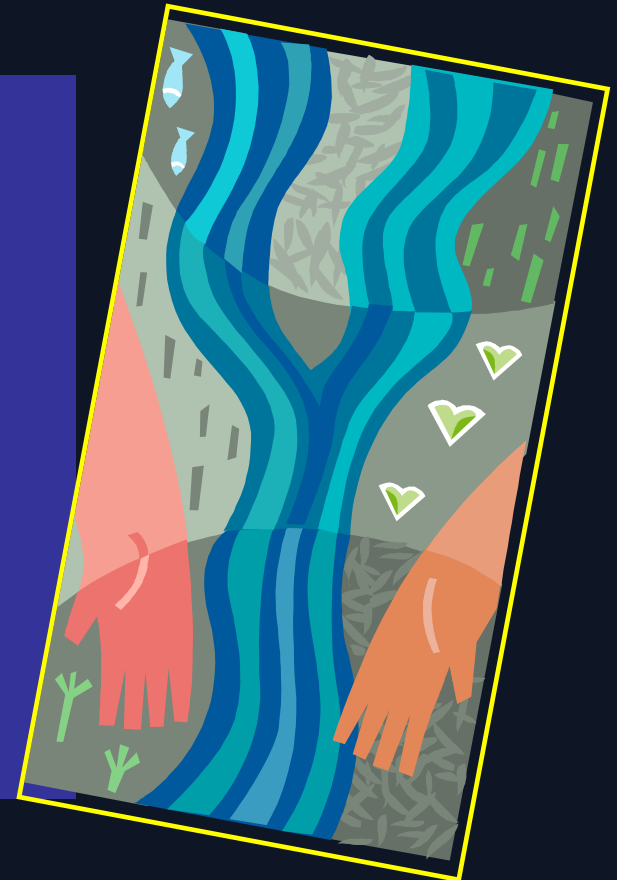
September 20, 2013



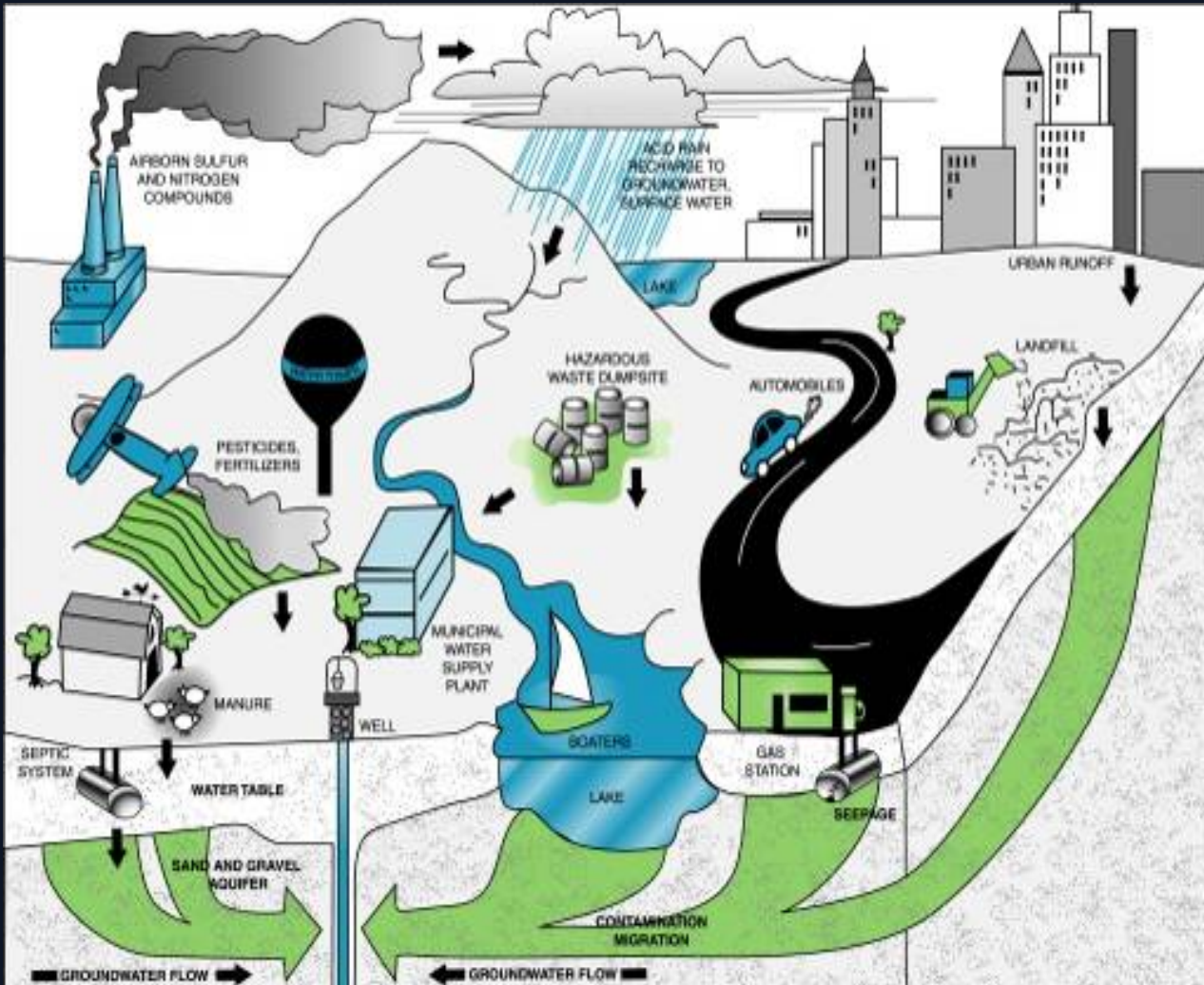
## Water Quality Improvement Grant Funding

- Federal funding provided by EPA
- Clean Water Act Section 319(h)
- Administered by ADEQ as a reimbursement-based grant program

Funds are used to implement on-the-ground water quality improvement projects to reduce **nonpoint source pollution**



# Nonpoint Source Pollution



Point Source Pollution



Nonpoint Source Pollution

**Nation's largest source of water quality problems**

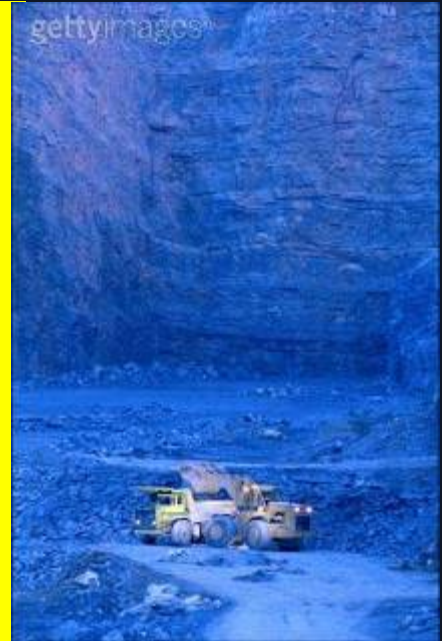


# Common Nonpoint Source Pollution Issues



**Sediment**

**Recreation**



**Nutrients**

**Agriculture**



**Pathogens**

**Grazing**

**Metals**

**Mining**



## Eligible Applicants

- Private landowners
- State, Federal, Local Governments
- Universities
- Tribes
- Environmental Groups
- Watershed Groups
- Schools, Colleges, Universities
- Non-profit Organizations
- Individuals



# General Eligibility Requirements for Projects

- On-the-ground implementation
- Education and outreach components
- 40% non-federal match
- Comply with grant process
- State and federal guidelines
- Smart Growth Scorecard

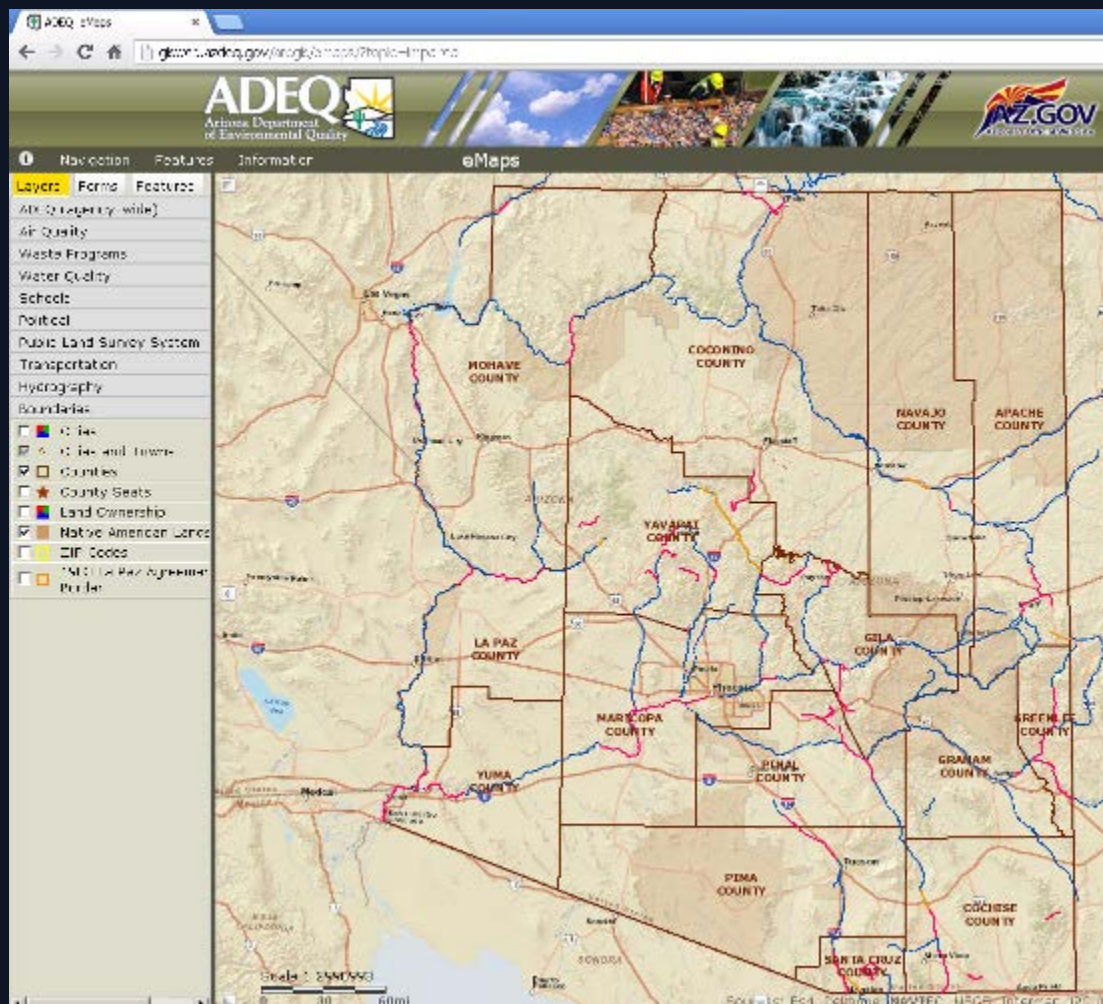


**❖ Funding is only available for waterways designated as Impaired by ADEQ**



## Is my area impaired?

- The full 303(d) and 305(b) lists can be viewed on the [azdeq.gov](http://azdeq.gov) website
- Find you area on [GIS eMap](#)



## Match Requirement

- 40 percent (40%) non-federal match
  - Cash
  - State or foundation grants
  - In-kind services such as donated labor
  - Office space
  - Equipment usage
  - Base salaries of existing employees
- See RFGA for more information
- Match can only begin to accrue after grant has been awarded



**Match sources and/or activities must be pertinent to the proposed project.**

**Federal agencies must provide matching funds from non-federal sources.**

**Federal salaries may not be used for match.**

# Projects Not Eligible for Funding

- Point source or water quantity focused projects
- Projects designed to comply with a permit\*
- Projects considered day to day operation and maintenance
- Projects that address a symptom of pollution without addressing the source of pollution
- Projects that would relieve enforcement and compliance actions
- Research-only projects
- Applications that are incomplete or do not follow a format specified in the current RFGA
- Applications received by ADEQ after the deadline specified in the current RFGA

\*refers to NPDES and AZPDES permits and other point source permits





# Potential Grant Projects

## Stream Bank Contouring



## Off-riparian solar wells and fencing



Looking upriver



# Wetland Restoration



Wetland 6 in 2009



Wetland 6 in



 *Imagine the next 20 years*




March 2009, Realigned Granite Creek channel prior to planting of thousands of cottonwood and willow cuttings along the banks.

September 2010. Over 85% of the cuttings have survived, and are stabilizing the creek banks and improving water quality.

# WQIG Forms & RFGA Available

- Application forms and RFGA can be downloaded at [www.azdeq.gov/enviro/water/watershed/improvement.html](http://www.azdeq.gov/enviro/water/watershed/improvement.html)

**Water Quality Division, Water Shed Management, Water Quality Improvement Grants (WQIG)**

**Current Water Quality Improvement Grant Opportunities**

The Water Quality Improvement Grant Program is currently accepting applications for Grant Cycle 12. To determine your eligibility for funding, please see **Request for Grant Applications**. Please note: Application formats have changed from previous years. Applications that do not follow a format RFGA will not be considered for funding.

The ultimate vision of the Water Quality Improvement Grant Program is for all of Arizona's waters to be clean and safe. To reach this vision, the program implements sufficient, economically and scientifically sound management practices that result in quantifiable improvements to surface water quality.

**Eligibility requirements include:**

- Direct relative to required source pollution and water quality issues in an impaired water
- 40 percent non-federal match
- Measurements of success
- Long-term commitment to maintenance of the project

**Deadlines are as follows:**  
 Pre-Proposal (mandatory): Aug. 9, 3 p.m.  
 Final Applications: Sept. 28, 3 p.m.

**Applications, Forms and Guidance**

- Cycle 12 Request for Grant Applications
- Pre-Proposal Form
- Final Application Form
- Budget Form
- RFGA Form

Applicants will be asked to estimate the service life of best management practices (BMPs) implemented using grant funding. The following resources can determine how long a given BMP can be set expected to be functional.

- BMP Durability

	ADEQ Grant Award #		Project Title				
	Line Item #	Grant Expenditure	Original Budget	Price Expenditure	Current Expenditure	Conservative Expenditure	Budget Remaining
4	<b>Admin Costs (10% Max)</b>						
5	01-XXXX					\$0.00	\$0.00
6	02-XXXX					\$0.00	\$0.00
7	<b>Personnel</b>						
8	03-XXXX	Salary				\$0.00	\$0.00
9	<b>Direct Costs</b>						
11	04-XXXX	Equipment				\$0.00	\$0.00
12	05-XXXX	Supplies				\$0.00	\$0.00
13	06-XXXX	Other				\$0.00	\$0.00
14	07-XXXX					\$0.00	\$0.00
15	08-XXXX					\$0.00	\$0.00
16	09-XXXX					\$0.00	\$0.00
17	10-XXXX					\$0.00	\$0.00
18	11-XXXX					\$0.00	\$0.00
19	12-XXXX					\$0.00	\$0.00
20	13-XXXX					\$0.00	\$0.00
21	<b>Sub-Total Grants</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
22	Verify Totals (This number should be the same as the Sub-Total Grants Budget Remaining cell above)						
23	<b>Totals</b>		Original Budget	Price Expenditure	Current Expenditure	Conservative Expenditure	Budget Remaining
24	<b>Sub-Total Match</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
25	<b>Sub-Total</b>		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

**Pre-proposal Application**

Project Title: \_\_\_\_\_

Project Description: \_\_\_\_\_

Submitting Agency Name: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Submitting Agency Contact Person: \_\_\_\_\_

Project Title: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Submitting Agency Contact Person: \_\_\_\_\_

Project Title: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Submitting Agency Contact Person: \_\_\_\_\_

**Final Application**

Additional comments to the applicant can be found on the same page. To request for grant application, please contact the WQIG staff at \_\_\_\_\_

Project Title: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Submitting Agency Contact Person: \_\_\_\_\_

Project Title: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Submitting Agency Contact Person: \_\_\_\_\_

# Deadlines and Submittal Requirements

## Pre-proposal (mandatory)

- Deadline: Aug. 9, 2013 at 3 p.m.
  - Electronic copy only, including draft budget attachment as well as any images or maps.
  - Pre-proposal and draft budget attachments must be e-mailed to [WQIG@azdeq.gov](mailto:WQIG@azdeq.gov)



# Deadlines and Submittal Requirements

## Final Applications

- Deadline: Sept. 20, 2013 at 3 p.m.

Complete final applications package includes:

- 1 hard-copy original plus 5 copies
- Electronic version (on CD only)
- All maps and appendices

Application packets must be delivered to the Phoenix ADEQ office in a sealed envelope or package and clearly labeled as follows:

Water Quality Improvement Grant Application  
DEADLINE: SEPTEMBER 20, 2013 3 P.M.  
Arizona Department of Environmental Quality  
ATTN: Samuel Breedlove WQD Grant Coordinator, #5320D  
1110 West Washington Street  
Phoenix AZ 85007

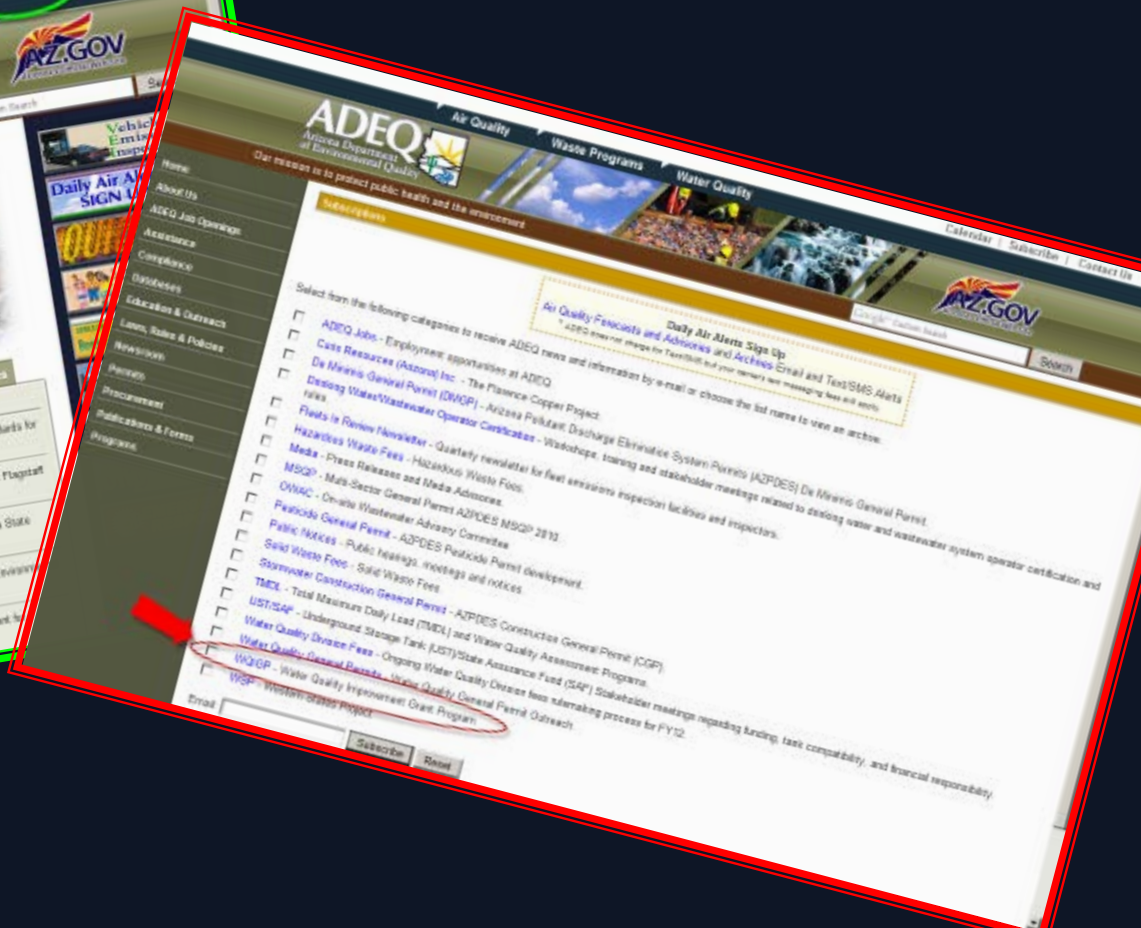




## Future of WQIG

- Greater collaboration with our TMDL Unit
- Increased development of Watershed Implementation Plans
- Implementation Plans focused on smaller watersheds

# Signup for our email list on the ADEQ Subscribe Page at [azdeq.gov](http://azdeq.gov)



- Questions?
  - Contact Jake Breedlove, ADEQ Grant & Watershed Coordinator
- Email: [sb12@azdeq.gov](mailto:sb12@azdeq.gov)
- Phone: 602.771.4243

Or visit the ADEQ website:  
[www.azdeq.gov/links.html](http://www.azdeq.gov/links.html)  
Click on Water Quality  
Improvement Grants

