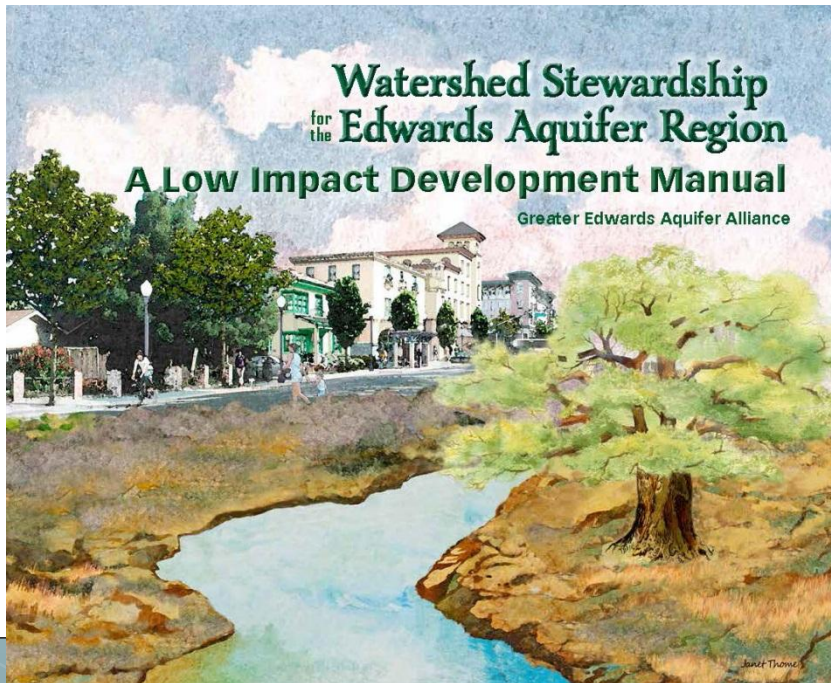


# Wells Fargo Environmental Solutions for Communities Grant

## Community Rain Gardens and Under Your Feet Campaign

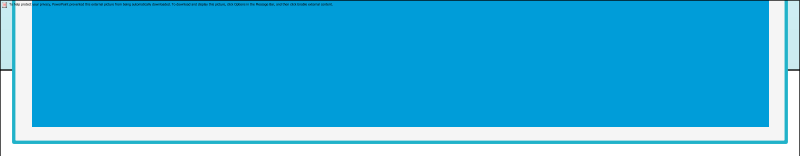




# Community Rain Gardens

## Partners:

- Wells Fargo Environmental Solutions for Communities  
Initiative of the National Fish and Wildlife Foundation  
\$52,650.00
- San Antonio River Authority \$15,000.00
- Edwards Aquifer Authority \$15,000.00
- University of Texas at San Antonio  
*and...*
  - City Council Districts
  - Home Owners Associations
  - School Districts
  - Native Plant Society of San Antonio
  - Master Gardeners of San Antonio
  - Area Businesses
  - And others



Low Impact Development systems are designed to work with the natural hydrologic patterns that exist before a site is developed. LID utilizes small scale networked landscape features – such as rain gardens – that treat storm water runoff on site. Treated runoff can gradually infiltrate into groundwater.

Strategies based on preserving pre-development hydrology and maintaining critical vegetated areas can minimize groundwater pollution and flooding in geologically sensitive karst regions, such as the Edwards Aquifer Recharge Zone.



# Community Rain Gardens

## 10 rain gardens/Low Impact Development projects for San Antonio

- The UTSA College of Architecture will deliver a report to inform the siting, signage, and maintenance of future projects – Dec. 2015
- GEAA will deliver report to inform CoSA selection of API LID projects
- First project will be on the northwest campus of UTSA – Spring 2016
- UTSA College of Civil Engineering will work with SARA and EAA to monitor effectiveness of LID in improving water quality
- GEAA will meet with City Council Representatives, Home Owners Associations, School Districts to select sites and design projects
- GEAA will work with SARA, Native Plant Society of SA, Master Gardeners of SA, and Home Owners Associations/Schools to install 9 Community Rain Gardens – 2016
- GEAA will work with HOA's to ensure monitoring and maintenance of projects.



**Our Goal is to go from this...**



... to this – infiltrating clean rain water into the aquifer, saving water-  
What's not to like?


# Under Your Feet Campaign

GEAA will work with Western Kentucky University and local partners to create a media campaign aimed at people who live, work, and play over the Edwards Aquifer Recharge Zone.

KARST  
GROUNDWATER  
**quality**

The number one cause of pollution in Florida's water bodies is stormwater runoff. What we do above the ground affects everything down below. visit [WaterMatters.org](http://WaterMatters.org) for more info

**GO WITH THE FLOW**  
Water can rapidly travel from the surface to subsurface in karst areas. As rain falls and flows over the landscape, the runoff picks up pollutants and eventually seeps into the ground where it replenishes aquifers, wells and springs.



**#1**



The number one cause of pollution in Florida's water bodies is stormwater runoff.

**50x OVER & UNDER**

The limestone that underlies Florida does not do a good job protecting water from pollution, so nitrate levels in local springs are increasing, partially because of improper fertilizer use. Nitrate levels throughout the Floridan aquifer have been found to be 50 times greater

**FAIRWAYS, FREEWAYS, FARMS & FRONT YARDS**  
The runoff carries pollutants such as litter, motor oil, gasoline, fertilizers, pesticides, pet wastes, sediments and anything else that can float, dissolve or be swept away by moving water into the karst aquifer down below.

- GAS STATIONS
- HUMAN WASTE
- LANDSCAPING
- FARMING
- INDUSTRIES
- STORMWATER RUNOFF
- SINKHOLES
- GOLF COURSES
- AUTOMOTIVE
- TRASH

**GIVES US LIFE**



This project has been a long time coming!

We wish to thank Wells Fargo  
and the National Fish and Wildlife Foundation  
and our local partners.

GEAA will be seeking matching funds  
for these projects and additional partners.

If you'd like to get involved contact  
The Greater Edwards Aquifer Alliance

To learn more, visit [www.AquiferAlliance.org](http://www.AquiferAlliance.org)

Thank you!