The Woodlands Joint Powers Agency And The Woodlands community

Cooperation for Conservation

Bob Dailey

Water Awareness/Public Education Coordinator

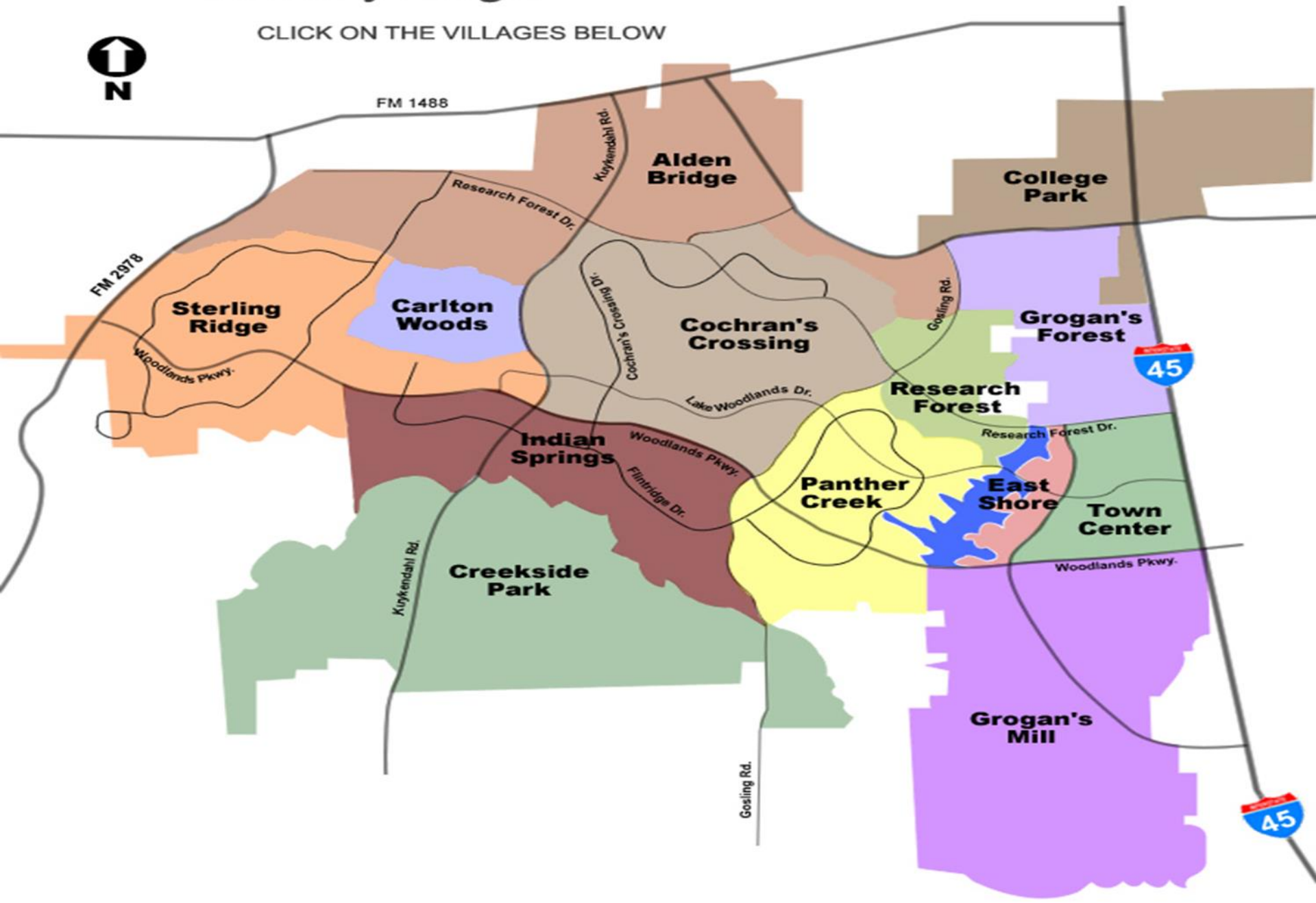
The Woodlands Joint Powers Agency

COOPERATION FOR CONSERVATION

The Woodlands

Search By Villages

CLICK ON THE VILLAGES BELOW



WJPA STATISTICS

- 11 MUDS (55 directors, 11 trustees)
- Approximately 120,000 residents
- 32,000+ customers (Residential and Commercial)
- 6 billion gallons of water used annually
- Approximately 390 miles of water pipe ranging in size from 2” to 24”
- Approximately 338 miles of pipe ranging in size from 4” to 60”

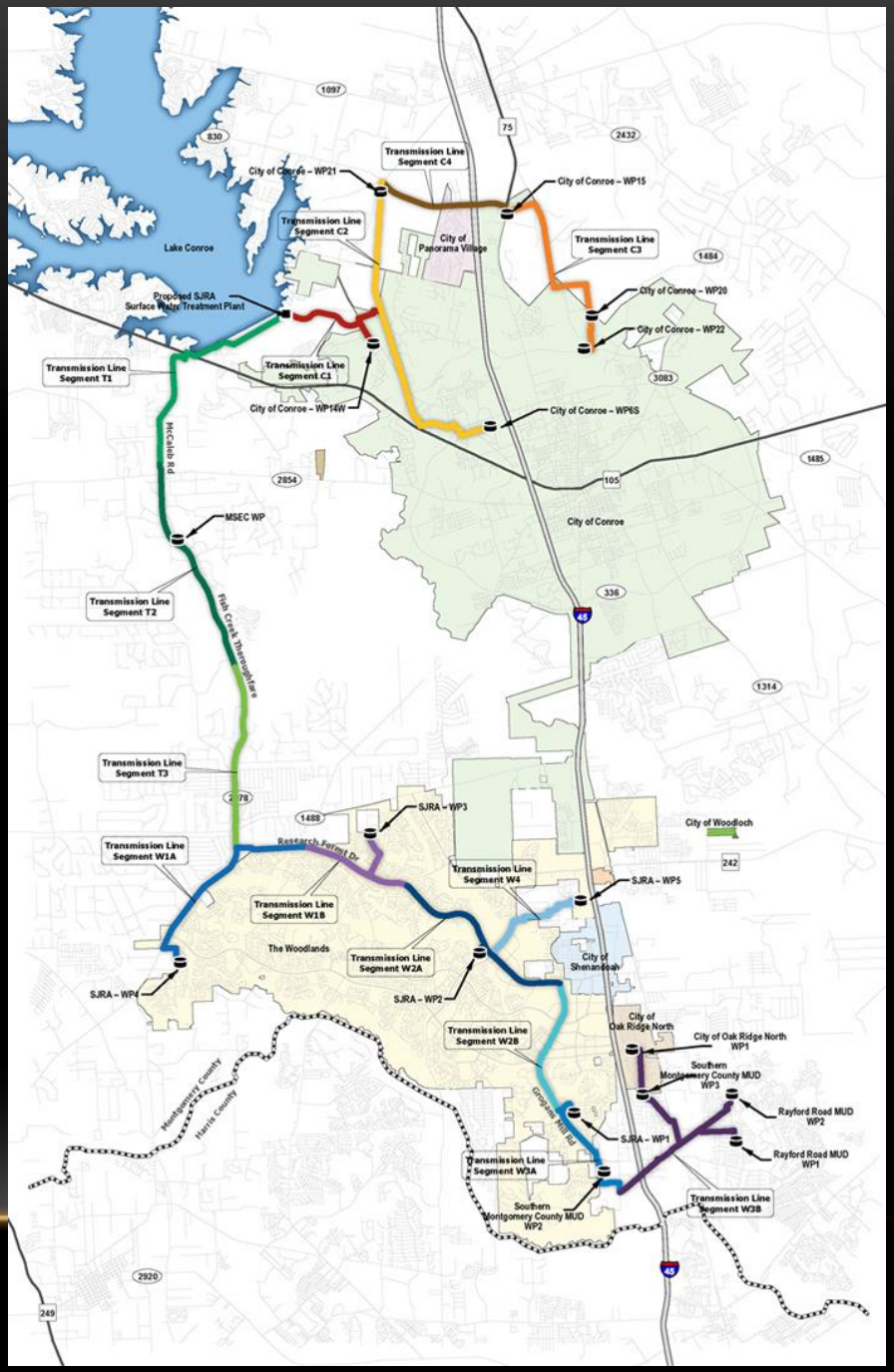
THE WOODLANDS TOWNSHIP STATISTICS

- 128 Parks
- 200 miles of pathways
- 12+ acres of soccer fields sodded in Bermuda grass
- 14 swimming pools
- 1800 acres of open space for residents' use
- Numerous fountains, waterways and ponds
- Hundreds of medians

AQUIFER DRAWDOWN AND WATER MANDATES

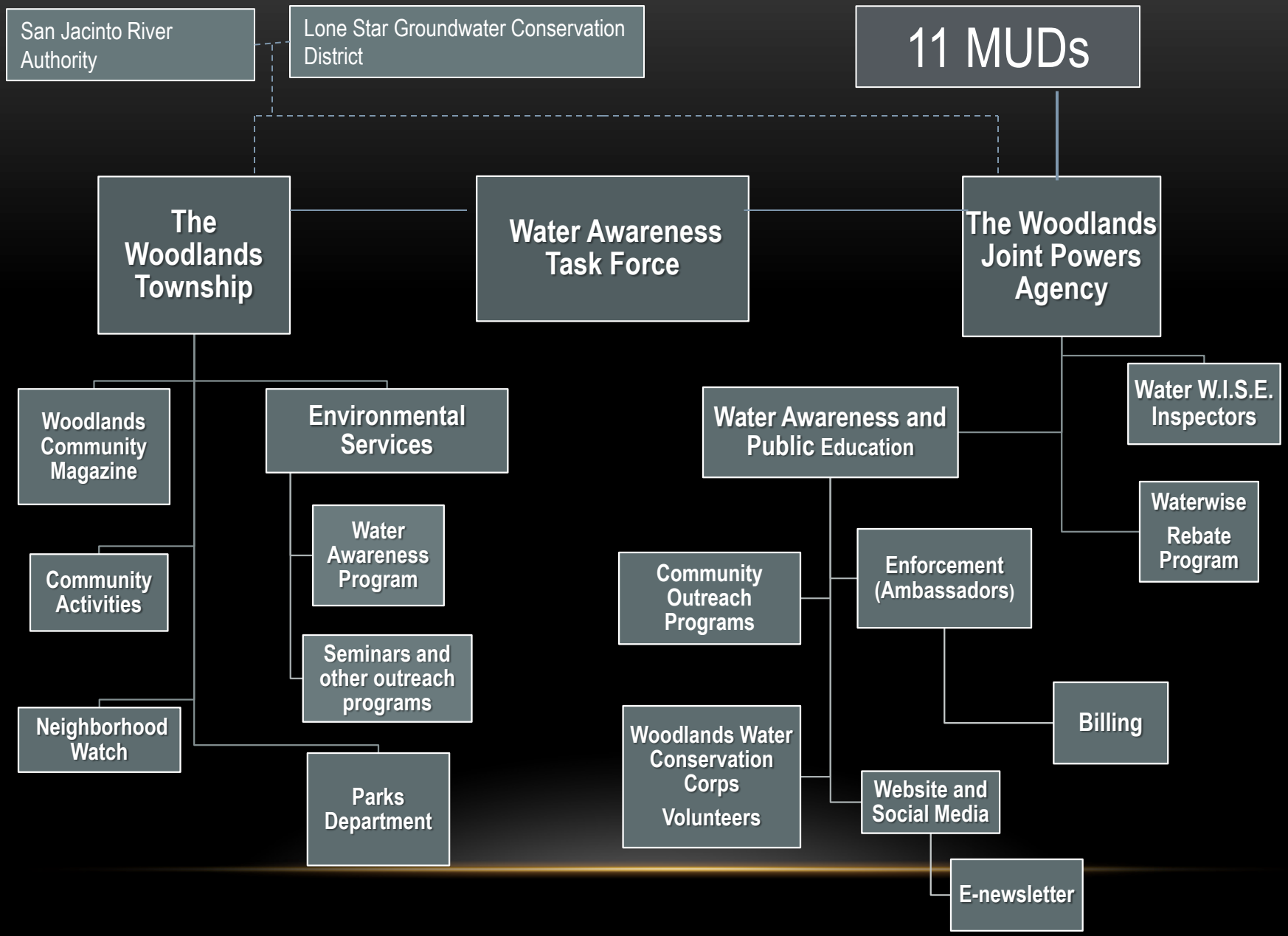
- We are currently under mandate to reduce our groundwater consumption by 30% by 2016.
- Part of that reduction will come from additional supplies from Lake Conroe, through a San Jacinto River Authority Project called Groundwater Reduction Program.
- 85 MUDs in Montgomery County are participating.
- HARC expects the population of Montgomery County to double in the next 15-20 years. It is currently at 500,000.

San Jacinto River Authority Groundwater Reduction Plan



FOCUS GROUPS

- We conducted seven focus groups, made up of randomly chosen members of the community, to help us determine attitudes.
- Each group was asked a series of questions about:
  - Water conservation
  - Individual use
  - Restriction of water usage
  - Fees
  - Possible penalties
  - News and information sources
  - General attitudes


San Jacinto River Authority
Lone Star Groundwater Conservation District
11 MUDs
The Woodlands Township
Water Awareness Task Force
The Woodlands Joint Powers Agency
Woodlands Community Magazine
Environmental Services
Water Awareness and Public Education
Water W.I.S.E. Inspectors
Water Awareness Program
Waterwise Rebate Program
Community Activities
Community Outreach Programs
Enforcement (Ambassadors)
Seminars and other outreach programs
Billing
Neighborhood Watch
Woodlands Water Conservation Corps
Volunteers
Website and Social Media
Parks Department
E-newsletter

Odd/Even Defined Irrigation Schedule*

Odd Addresses (1,3,5,7,9)

Watering allowed

8 pm- Midnight Tuesdays
Midnight- 4 am Wednesdays
&
8 pm- Midnight Fridays
Midnight- 4 am Saturdays

Even Addresses (0,2,4,6,8)

Watering allowed

8 pm - Midnight Wednesdays
Midnight- 4 am Thursdays
&
8 pm- Midnight Saturdays
Midnight- 4 am Sundays

Violations may result in a surcharge on your water bill!
1st violation in any 12-month period = Notice/Warning
2nd violation in any 12-month period = $50
3rd violation in any 12-month period = $100
Each subsequent violation = $200

For billing assistance, to report leaks or irrigation system malfunctions, please call us at our new phone number:

wjpa.org

855-h2o-SAVE

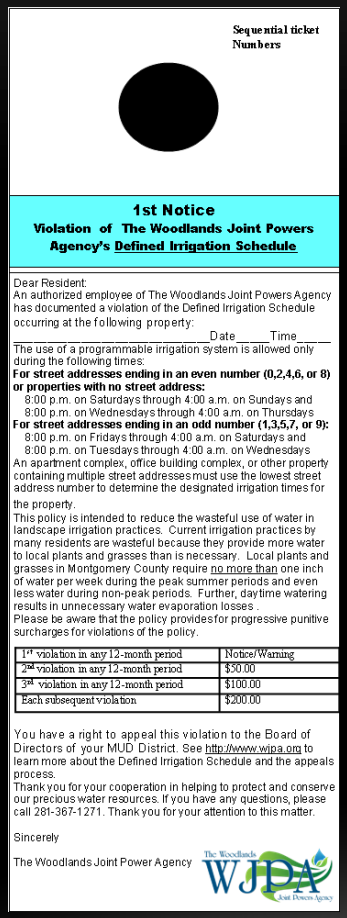
The Woodlands WJPA Joint Powers Agency

*The Village of Creekside Forest and May Valley are regulated by Harris/Montgomery County MUD 386, and are not subject to the Defined Irrigation Schedule.

DEFINED IRRIGATION AMBASSADORS

- Two Ambassadors working three hours per day, five days a week, patrolling neighborhoods in The Woodlands.
- Each Ambassador has a name badge with photo which identifies them as employees duly sworn to discharge their duties.
- Magnetic signs on their cars as well to help identify them.

Enforcement



Sequential ticket Numbers

1st Notice
Violation of The Woodlands Joint Powers Agency's Defined Irrigation Schedule

Dear Resident:
An authorized employee of The Woodlands Joint Powers Agency has documented a violation of the Defined Irrigation Schedule occurring at the following property:

_____Date_____Time_____

The use of a programmable irrigation system is allowed only during the following times:

For street addresses ending in an even number (0,2,4,6, or 8) or properties with no street address:
8:00 p.m. on Saturdays through 4:00 a.m. on Sundays and
8:00 p.m. on Wednesdays through 4:00 a.m. on Thursdays

For street addresses ending in an odd number (1,3,5,7, or 9):
8:00 p.m. on Fridays through 4:00 a.m. on Saturdays and
8:00 p.m. on Tuesdays through 4:00 a.m. on Wednesdays

An apartment complex, office building complex, or other property containing multiple street addresses must use the lowest street address number to determine the designated irrigation times for the property.

This policy is intended to reduce the wasteful use of water in landscape irrigation practices. Current irrigation practices by many residents are wasteful because they provide more water to local plants and grasses than is necessary. Local plants and grasses in Montgomery County require no more than one inch of water per week during the peak summer periods and even less water during non-peak periods. Further, daytime watering results in unnecessary water evaporation losses .

Please be aware that the policy provides for progressive punitive surcharges for violations of the policy.

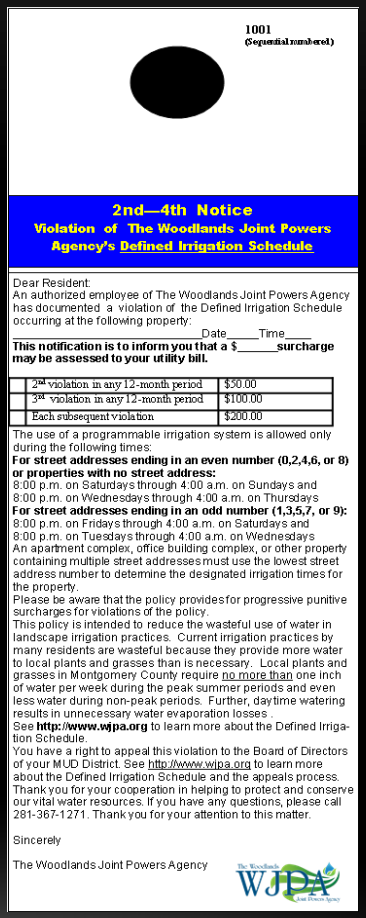
1st violation in any 12-month period	Notice/Warning
2nd violation in any 12-month period	$50.00
3rd violation in any 12-month period	$100.00
Each subsequent violation	$200.00

You have a right to appeal this violation to the Board of Directors of your MUD District. See http://www.wjpa.org to learn more about the Defined Irrigation Schedule and the appeals process.

Thank you for your cooperation in helping to protect and conserve our precious water resources. If you have any questions, please call 281-367-1271. Thank you for your attention to this matter.

Sincerely

The Woodlands Joint Power Agency



1001
(Sequential numbered)

2nd—4th Notice
Violation of The Woodlands Joint Powers Agency's Defined Irrigation Schedule

Dear Resident:
An authorized employee of The Woodlands Joint Powers Agency has documented a violation of the Defined Irrigation Schedule occurring at the following property:

_____Date_____Time_____

This notification is to inform you that a $_____surcharge may be assessed to your utility bill.

2nd violation in any 12-month period	$50.00
3rd violation in any 12-month period	$100.00
Each subsequent violation	$200.00

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Sincerely

The Woodlands Joint Powers Agency

WATER W.I.S.E.

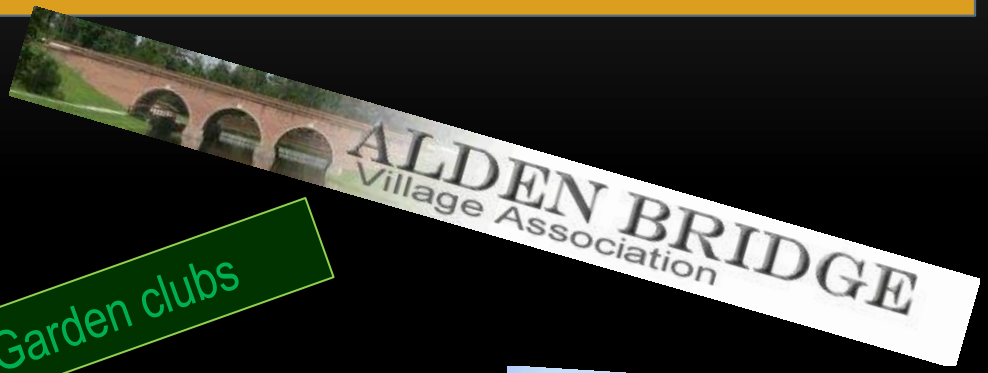
- Woodlands Irrigation Systems Evaluation
- WJPA pays for free inspections of home irrigation systems by licensed and vetted irrigators.
- People may register on the WJPA website.

WOODLANDS WATER CONSERVATION CORPS VOLUNTEERS

- Volunteers who will make house visits to the elderly or shut-ins to help them figure out their irrigation systems.

COMMUNITY OUTREACH PROGRAMS

- Village Associations
- Civic Groups
- Gardeners
- Church Groups
- Environmental Groups



Garden clubs

TEXAS MASTER GARDENER
TEXAS AGRILIFE EXTENSION SERVICE
Texas A&M System

LWV®
LEAGUE OF WOMEN VOTERS

The Woodlands G.R.E.E.N.

PRINTED MATERIAL

Defined Irrigation

The plan, which **regulates watering to two nights per week**, is designed to help forestall a pending water crisis in the township and elsewhere in Montgomery County.

Bill Payments

Information about Online Payments, Automated Phone Payments, Mail or drop off locations, Third party payments, and more.

GRP Information

The Woodlands is only part of the Groundwater Reduction Plan system. A total of 85 Municipal Utility Districts throughout Montgomery County are participating in the program.

Water Conservation

Over-watering is the most frequent mistake homeowners make in lawn care. Too much water promotes a shallow root system and this causes grass and plants to be much more vulnerable to hot/dry weather.

The Woodlands Joint Powers Agency

Home Find Friends Bob

You are posting, commenting, and liking as The Woodlands Joint Powers Agency — **Change to Bob Dailey**

Admin Panel

Edit Page | Build Audience | See Insights | Help | Show

Promote Page

Recent
2013
2012
2011

The Woodlands Joint Powers Agency

Community Page about Water

Update Page Info 1 | ✓ Liked | ✓ Following

The Woodlands Joint Powers Agency

140

About | Photos | Likes | Map

Highlights

Status | Photo / Video | Event, Milestone +

Write something...

Post

7 Friends
Like The Woodlands Joint Powers Agency

Invite Your Friends to Like This Page See All

Type a friend's name... Invite

Show More

See Your Ad Here

The Woodlands Joint Powers Agency

Texas Drought Map as of December 24, 2013. http://droughtmonitor.unl.edu/Home/StateDrought...

Boost Post

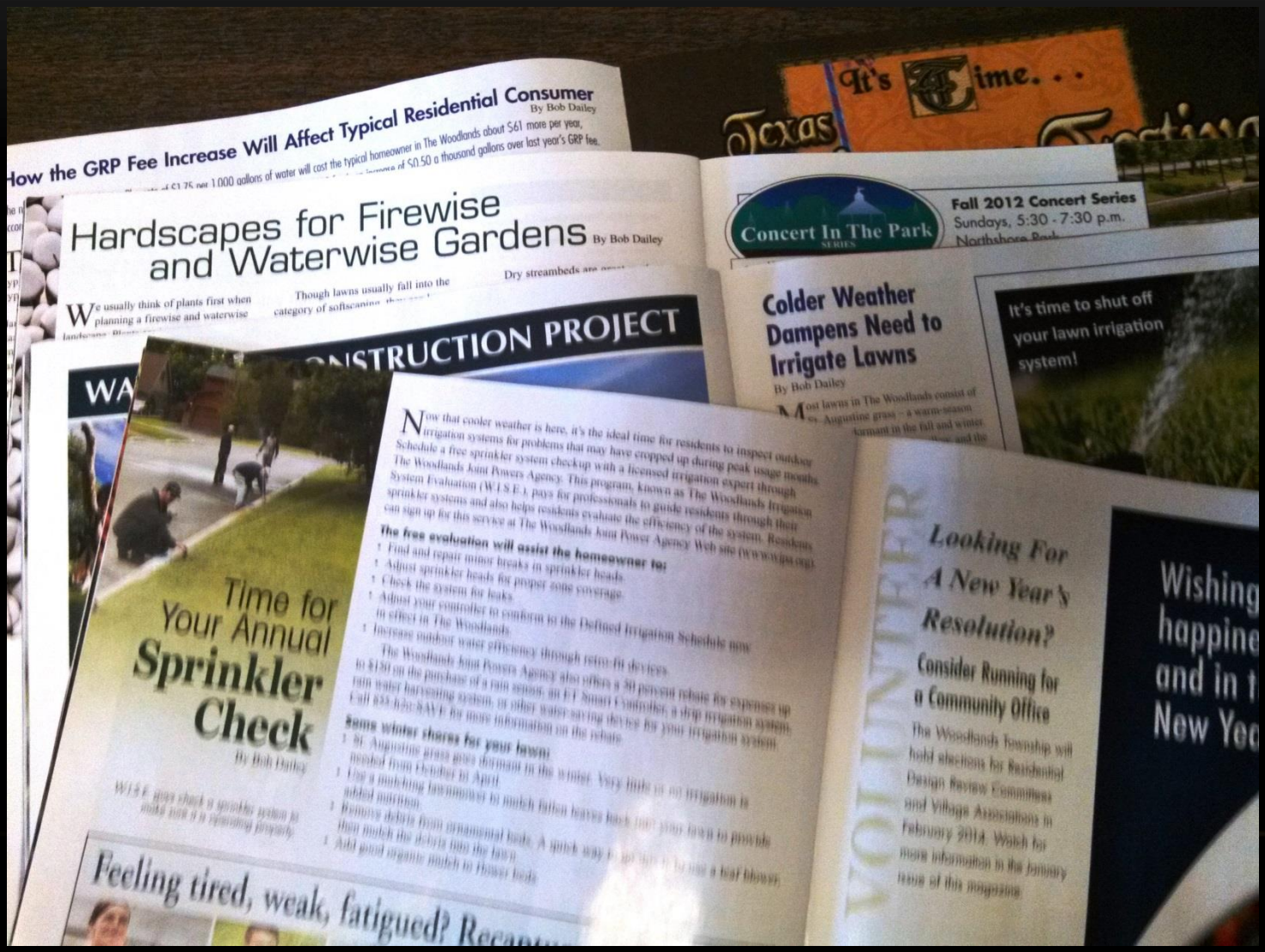
Chat (1)

https://www.facebook.com/photo.php?fbid=483664568321731&set=a.403417...

THE WOODLANDS COMMUNITY MAGAZINE

- Total circulation 34,000.
- Delivered by mail first of every month.
- Includes articles about activities in The Woodlands, parks, neighborhood watch, covenants, police, fire department.

ARTICLES

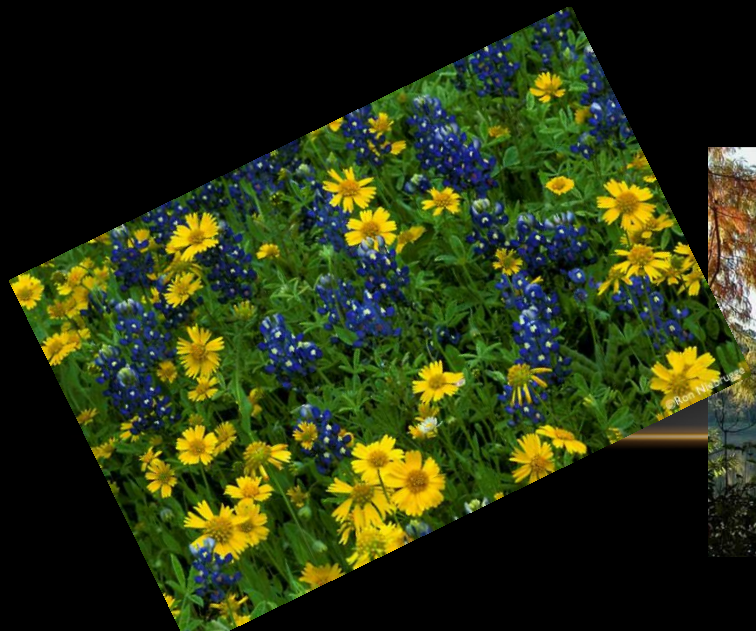

How the GRP Fee Increase Will Affect Typical Residential Consumer
By Bob Dailey
Hardscapes for Firewise and Waterwise Gardens
By Bob Dailey
Concert In The Park
Fall 2012 Concert Series
Sundays, 5:30 - 7:30 p.m.
Colder Weather Dampens Need to Irrigate Lawns
By Bob Dailey
It's time to shut off your lawn irrigation system!
CONSTRUCTION PROJECT
Time for Your Annual Sprinkler Check
By Bob Dailey
Looking For A New Year's Resolution?
Consider Running for a Community Office
Feeling tired, weak, fatigued?

COMMUNITY INVOLVEMENT

- Neighborhood Watch
- Good Neighbor Days
- Community Involvement Days
- Village Association events (Taste of the Town, Barbecue Cookoff)

COMMUNITY INVOLVEMENT

- Wildflower Festival
- Texas Wildlife and Woodlands Expo
- Arbor Day
- Woodlands Landscaping Solutions



WATER AWARENESS SEMINAR SERIES

Rainwater Harvesting Summer

Partnered with The Woodlands Township and Montgomery County Master Gardeners in putting on a rainwater harvesting seminar with 100 attendees.

Sold 600+ rain barrels during the summer.

Results

THE WOODLANDS TOWNSHIP

- The numerous ponds in The Woodlands are allowed to deplete to below 50% before water is added. When water is added, the pools are filled to 75% capacity.
- A large number of soccer fields have been converted to artificial turf, saving several millions of gallons of water.
- Watering only twice a week of medians and public areas.
- Township vehicles are washed only once a month.
- Swimming pools are covered when not in use to prevent evaporation.
- Hiring of a water awareness coordinator.

RESULTS

- Woodlands Irrigation System Evaluation (WaterW.I.S.E)

  2,500 inspections as of December.

- Warnings and notifications

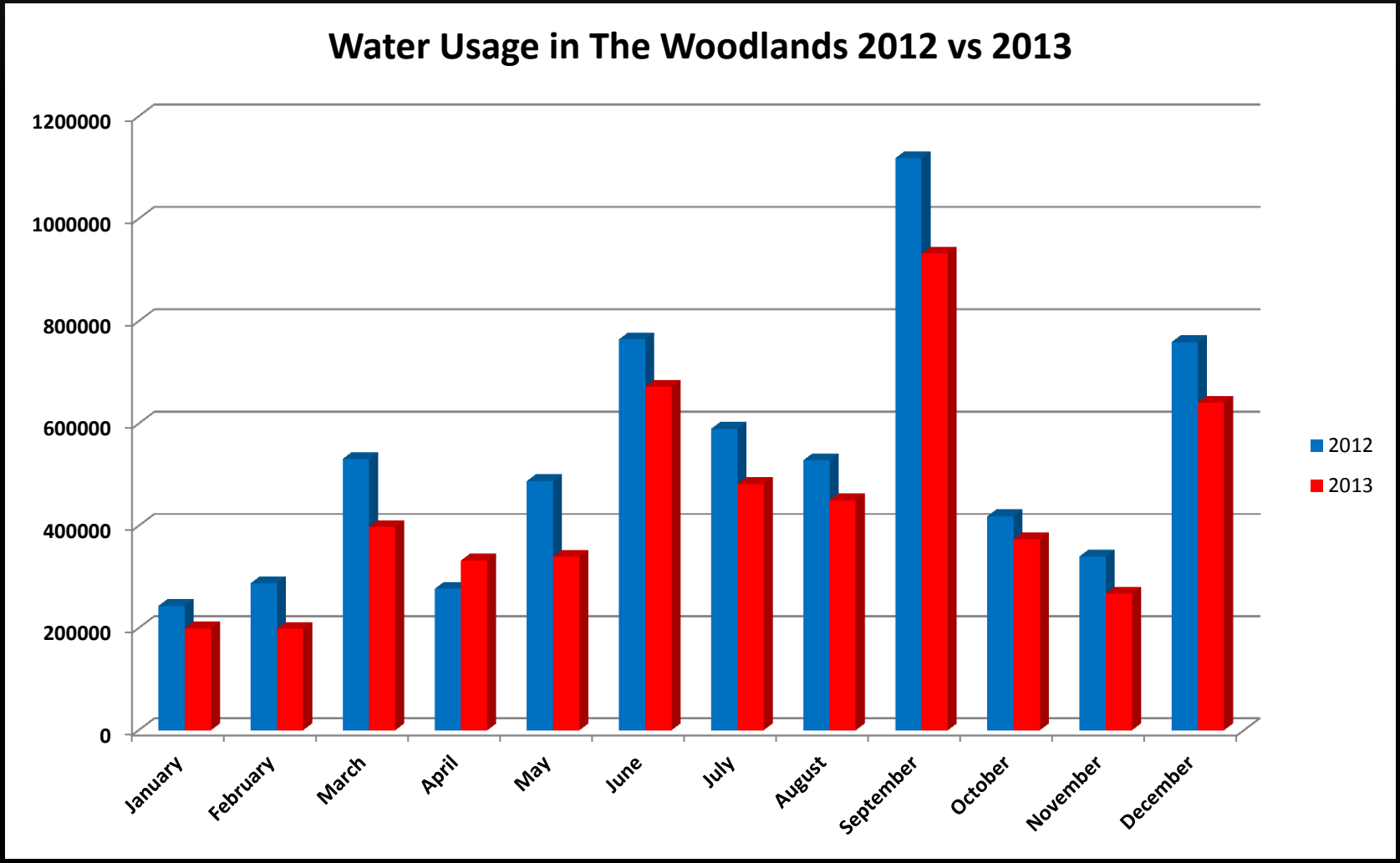
  250 Warnings

  5 Second Notifications ($50 surcharge)

  0 Third Notifications

RESULTS

8.33% REDUCTION



RESOURCES

- Lone Star Ground Water Conservation District
- San Jacinto River Authority
- Save Water Texas
- National Alliance for Water Efficiency
- The City of Conroe
- Texas A&M Agrilife Extension Service
- Montgomery County Master Gardeners
- The Woodlands Township
- Sierra Club of Texas
- Houston Advanced Research Center
- Texas Forest Service
- Heartwood Chapter Texas Master Naturalists