



# HOA Roundtable:

## *Conversation about Conservation*

Joyce Warren  
Water Resources Manager  
City of Frisco



# North Texas Municipal Water District

49 Customer Cities, Towns,  
and Water Supply  
Corporations

1.6 million people

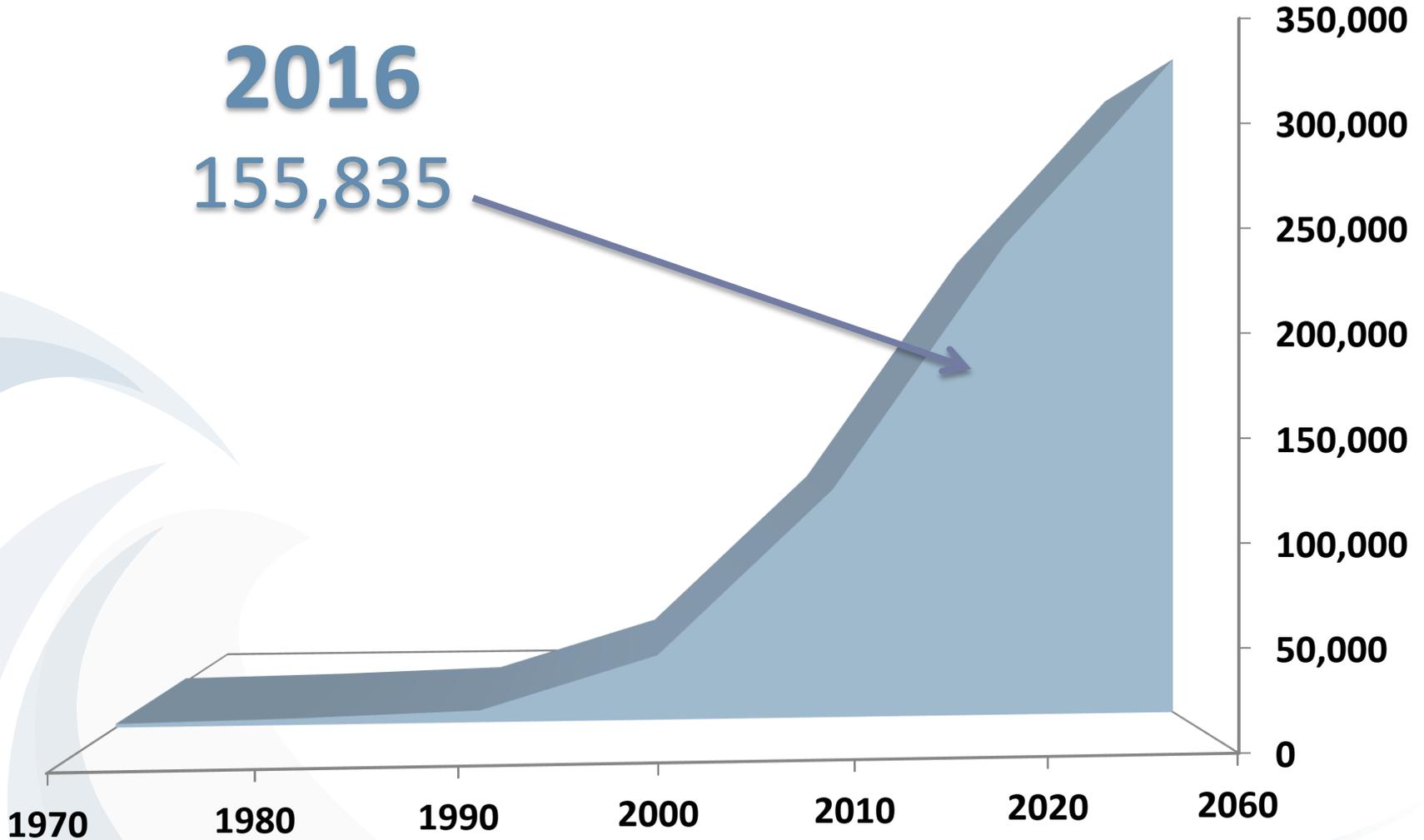
## 13 Member Cities

Allen	Plano
Farmersville	Princeton
Forney	Richardson
Frisco	Rockwall
Garland	Royse City
McKinney	Wylie
Mesquite	

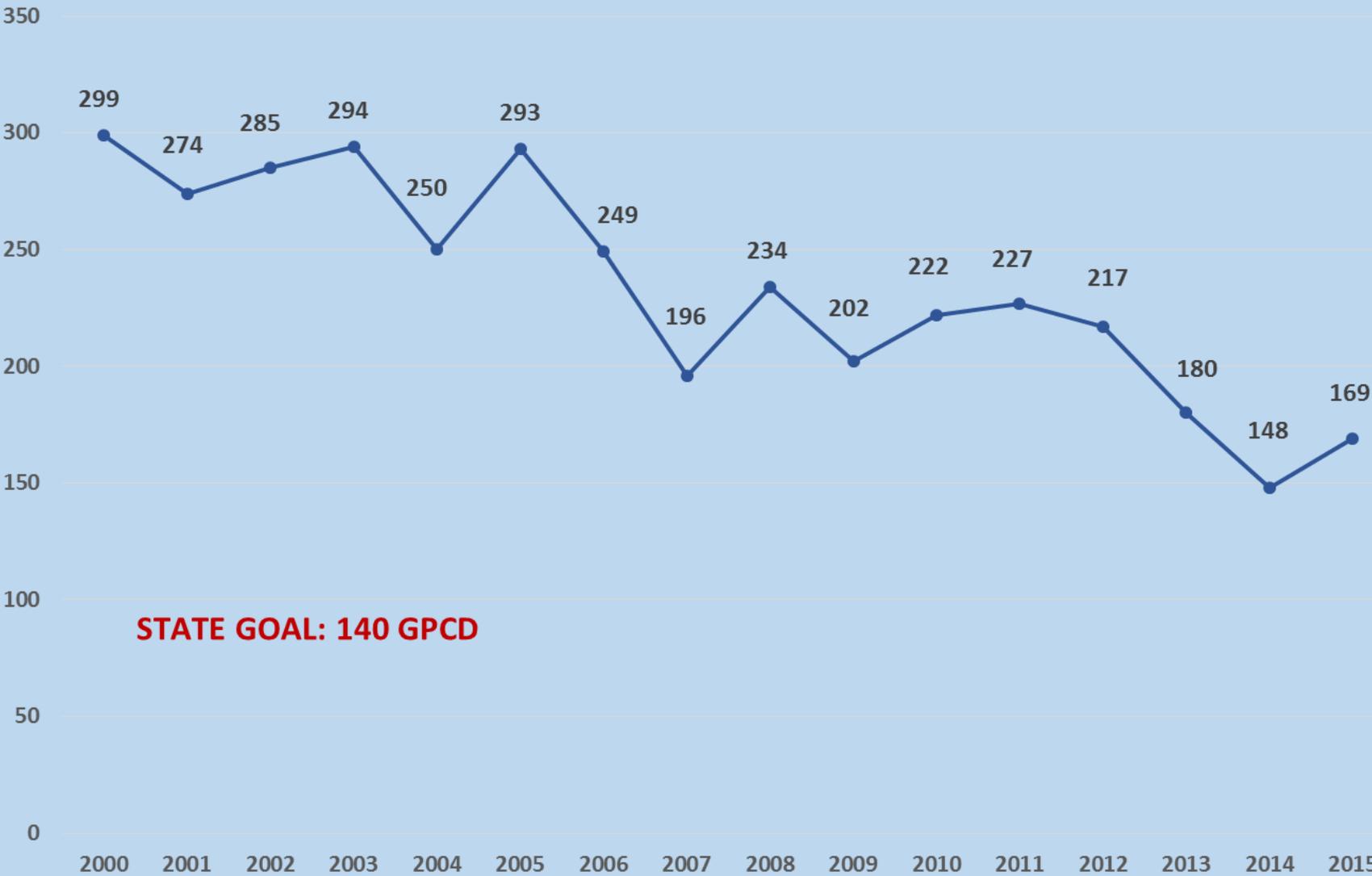


# Increasing Population

**2016**  
**155,835**



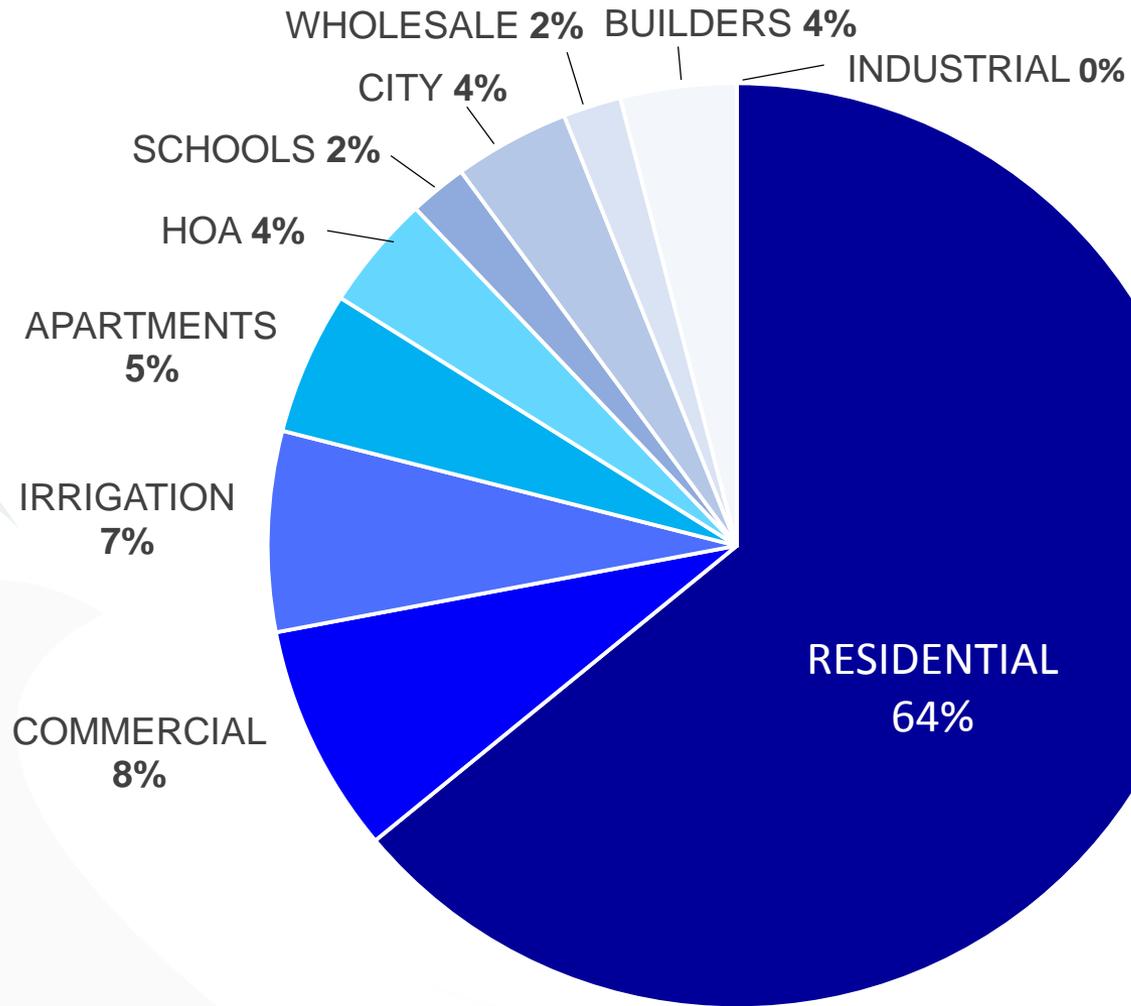
# Historical Annual GPCD



**STATE GOAL: 140 GPCD**

# 2016 Water Usage

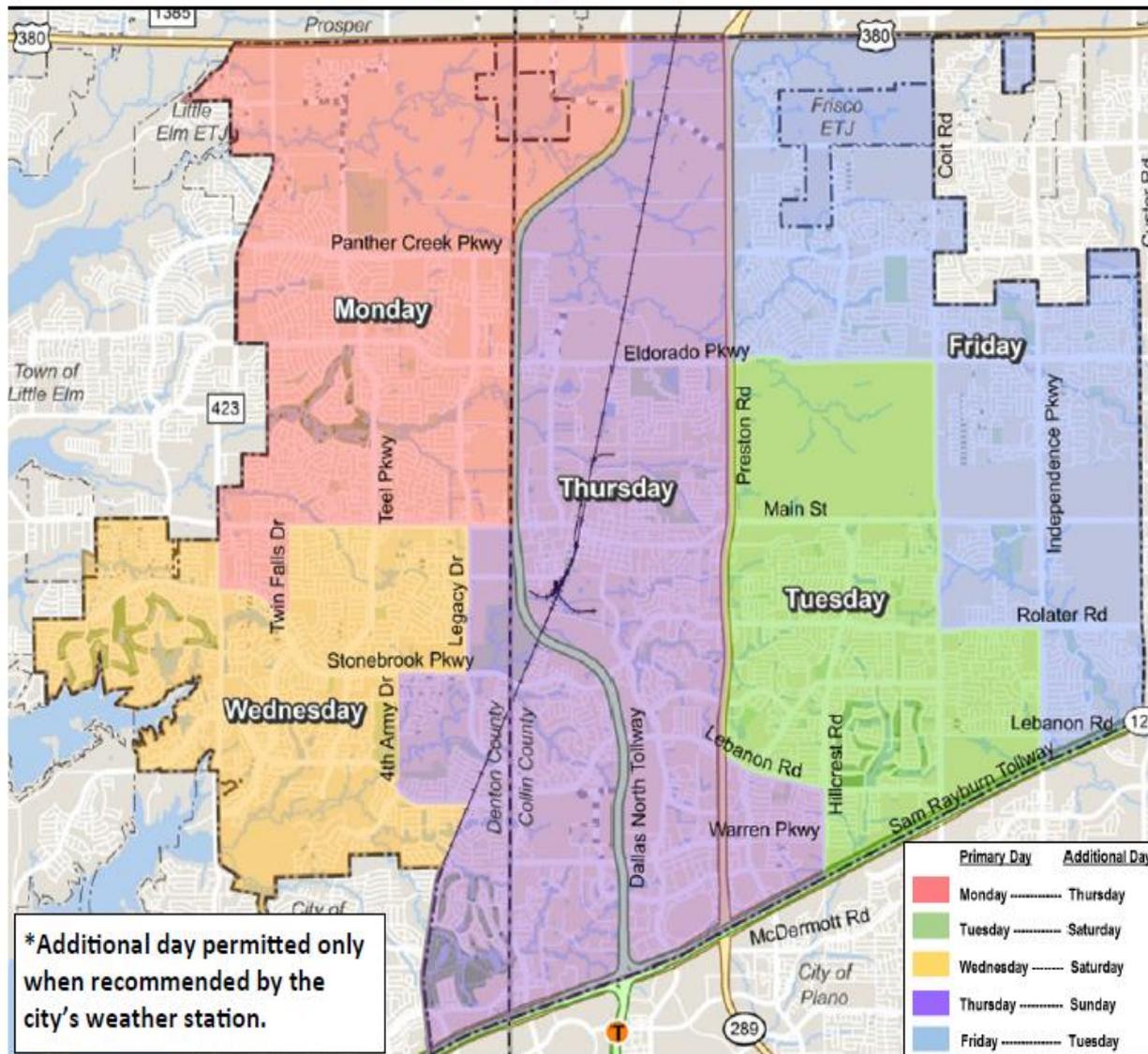
50,000 Water Customers





# Watering Schedule Map

Effective April 11, 2016



\*Additional day permitted only when recommended by the city's weather station.

## Best Management Practices for WaterWise Outdoor Watering

- Water only when necessary based on Frisco's weather station data.
- Keep sprinkler systems *turned off* until data from Frisco's weather station indicates watering is needed.
- Water on your regular residential trash/recycling day, when recommended by the weather station.
- No watering 10 am—6 pm during Daylight Saving Time.
- Water by hand using a hand-held hose, up to two hours daily.
- Water using drip irrigation, bubblers and soaker hoses up to two hours any day.
- An additional watering day is permitted when recommended by the city's weather station.
- Schedule a FREE sprinkler system checkup with a City of Frisco licensed irrigator.

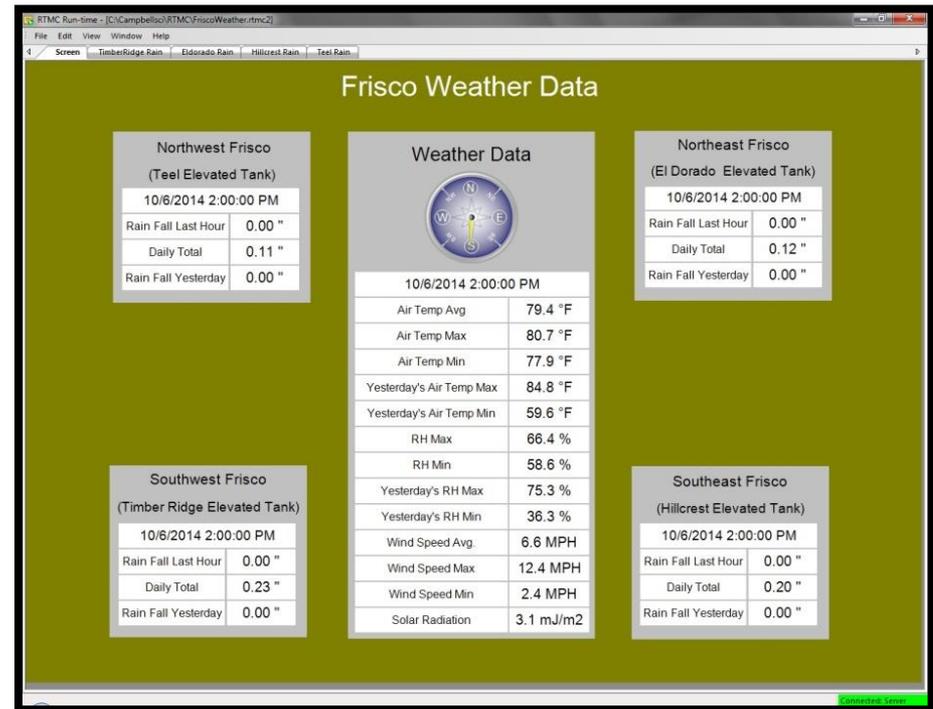
To receive weekly watering advisories, visit [www.friscotexas.gov/water](http://www.friscotexas.gov/water) and subscribe to WaterWise emails or call Frisco's Watering Line 972-292-5801.

# ET Weather Station



**Frisco's Weather Station**

- Installed in 2009
- Four Automatic Rain Gauges
- Texas A&M Methodology



**Weather Computer Screen**

# Water with the Weather Station



# Case Study: Residential Landscape





## Weekly Lawn Watering Advice



One day of watering is needed for the week of Monday (9/21) - Sunday (9/27). Please apply up to **0.25 inches** of water using the **Cycle and Soak method** to your lawn on your regular trash collection day. Learn to apply the correct amount of water at [friscotexas.gov/wateringwisely](http://friscotexas.gov/wateringwisely).

Residents may hand-water using a hand-held hose with an automatic shut-off nozzle, so irrigation, or bubbler system up to two hours daily. Watering is not permitted between the am - 6 pm.

- WaterWise Newsletter
- Watering Line 972-292-5801
- Frisco Website [www.FriscoTexas.gov/water](http://www.FriscoTexas.gov/water)

YEAR	SUBSCRIBERS
2010	412
2011	865
2012	1,215
2013	4,485
2014	10,572
2015	14,894
2016	15,875

# Meet the Irrigators.



Back Row L - R: Kyle Poe, Michael Sjogren  
Front Row L - R: Ron Garcia, Charles Nash

# Free Sprinkler System Check-Ups

## Residential / HOA

Year	Annual Checkups
2006	660
2007	515
2008	933
2009	1,260
2010	1,193
2011	1,592
2012	2,673
2013	2,599
2014	3,653
2015	3,496



# Water Waste in Frisco

## *Watering Violations*



**Watering hard surfaces  
ex: streets, sidewalks**



**Watering flowing away  
from property**



**System in need of repair**



**Watering during rain  
or below 40 degrees**



# WaterWise Education

## *Using Water Wisely*

**Sprinkler System Check-Ups**

**Weekly E-Newsletter**

**HOA Partnerships**

**New Home Irrigation Checkups**

**Rain Barrel Sale**

**Commercial Irrigation Checks**

**WaterWise Workshops**

**Block Captain Program**

**Smart Controller Rebates**

**Watershed Protection Education**

**Texas SmartScape Plant Sales**

**Weather Station Pledge**



# Workshops/Events



Annual Plant Sale

TEXAS  
SMARTSCAPE™



# Water Wells



Warren Park



Frisco Commons



Bacchus Park

# Reclaimed Water Customers



**The Trails Golf Course**



**Pearson Farms  
Common Areas**



**B.F. Phillips Park**



**Stewart Creek  
Greenbelt**

## FISD Partners



**Bledsoe Elementary  
Pearson Middle School  
Reedy High School**

# How can you help?

- Water with the weather station.
- Check the City's website for weekly lawn watering advice.
- Sign up for Waterwise email.
- Call the watering line 972-292-5801.
- Hand water with a hose or drip irrigation when possible.
- Talk to your neighbors.

**“Continue the Conversation about Conservation.”**



# City of Frisco



## Award Winning for Water Conservation



**Texas AWWA**  
American Water Works Association

**Watermark Award - Excellence in Communication  
for Annual Consumer Confidence Report - 2016**



**Municipal Blue  
Legacy Award  
-- 2015 recipient**



**Texas Environmental  
Excellence Award  
-- 2015 recipient**



**North Central Texas Council of  
Governments CLIDE Award  
-- 2015 recipient**



**Bob Derrington  
Reclamation Award  
-- 2015 recipient**