

# Water Quality Group

City of Plano's TST program

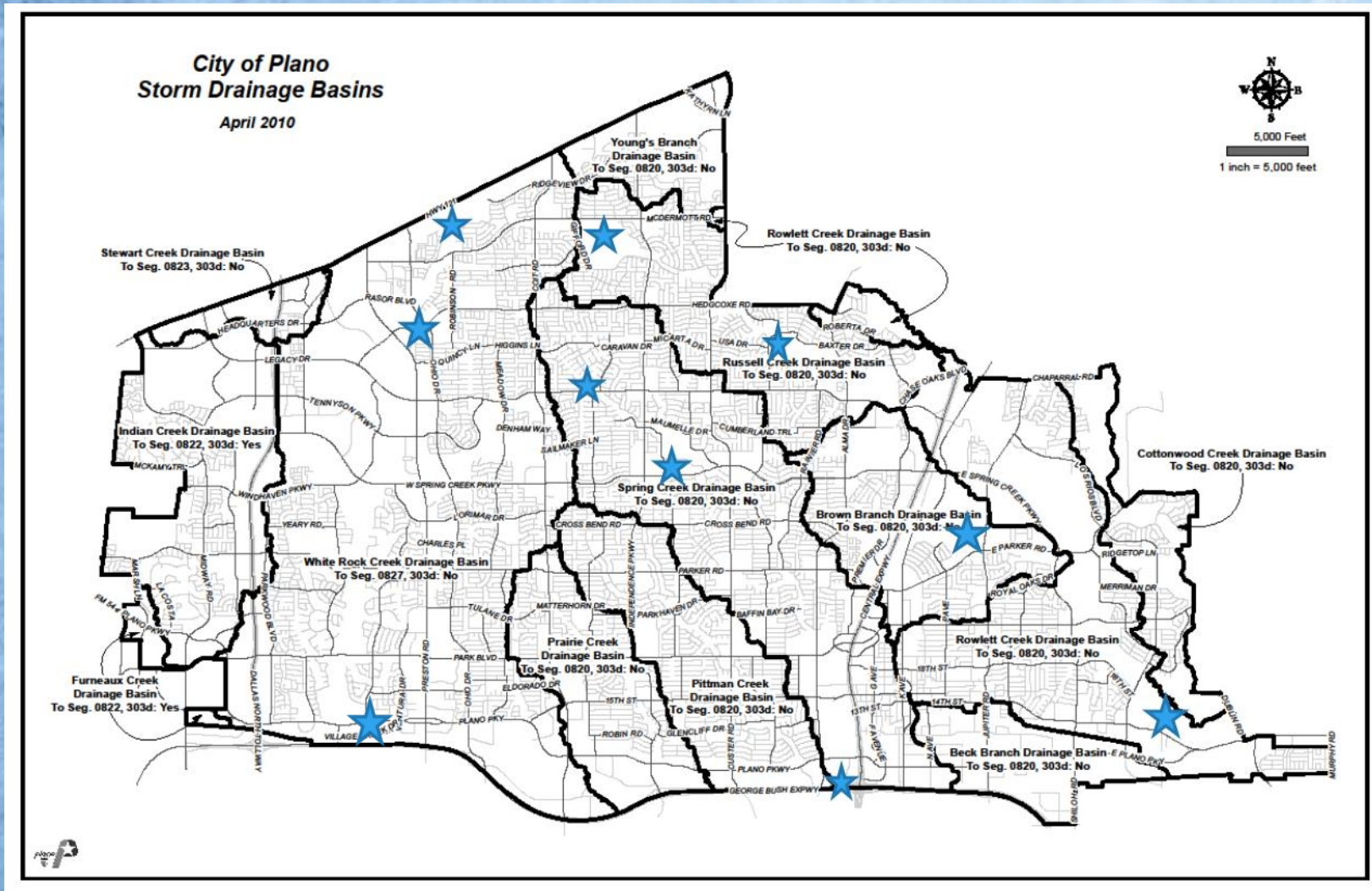


# History

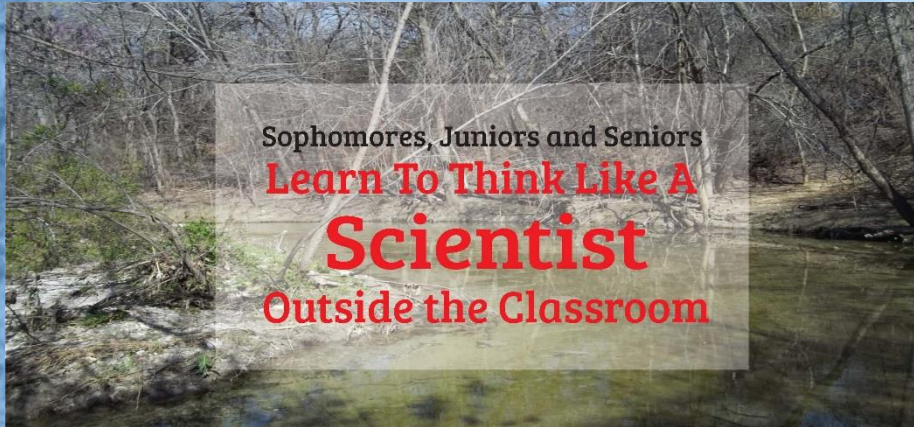
- Started 2014 – built program separate from TST
- Choosing high school vs. adults
- Partnered with TST in 2017



# Identifying Locations



# Recruitment



The City of Plano is building a network of trained volunteers from local high schools to gather data regarding the natural conditions of local creeks and streams.

The Plano Water Quality Assessment Program provides students with a learning opportunity encouraging them to think, read and write like a scientist.



**STUDENTS GAIN:**

- > Experience and exposure with field work and testing.
- > An opportunity to earn community service hours.
- > Acknowledgment in the publication of results.
- > Experience which benefits their college and/or career aspirations.

**INFORMATION**

For a complete schedule and more details about the Fall 2015 Program, contact:  
Carolyn Russell, Storm Water Specialist, [carolynr@plano.gov](mailto:carolynr@plano.gov).



[plano.gov/stormwater](http://plano.gov/stormwater)

The content of these materials does not reflect the endorsement, sponsorship, position or expression of the Plano Independent School District.

- Distributed fliers
- Utilized existing volunteer database
- Maintain consistency



# Training

- Once a year
- Coincides with school schedules.
- Follows requirements of TST for indoor and outdoor training



# Volunteer Hours

- Adapting to students schedule
- Beginning – 14 hours
- Lost volunteers after training
  - Modified for students
  - Changed to 10 hours
    - 2 training
    - 8 each



# Data Use

- Data used to build “norms” within Plano
  - No current data
  - Previously used state standards



# Evaluations

- Evaluate every year
  - Meeting times
  - Student feedback
    - Pre/post test for educational needs
  - Meeting department needs





# Challenges

- Personal Responsibility
- Kit Degradation
- Chemical upkeep
- Testing consistency

