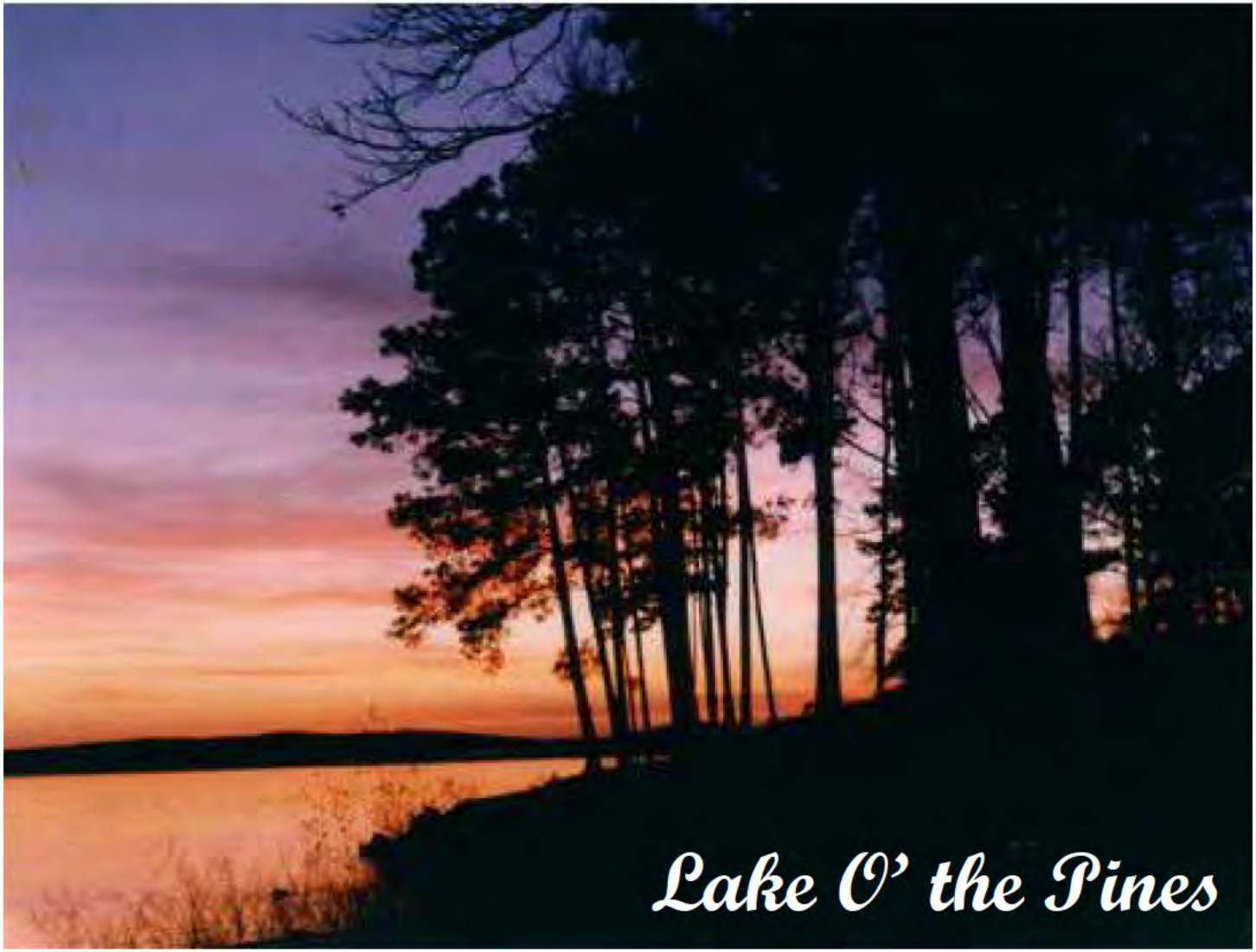


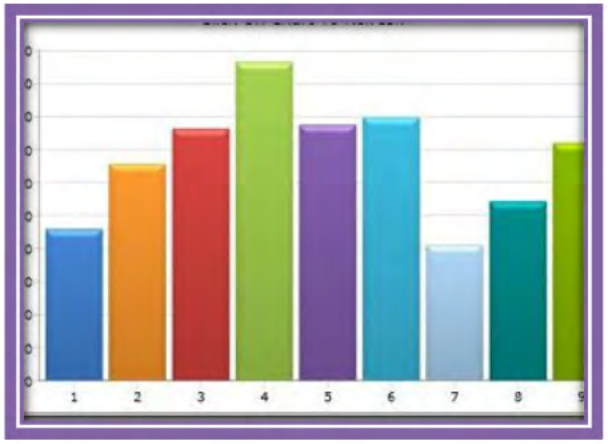

October 18, 2012

Lauren Young
TCEQ TMDL Program

# Working Together For Clean Water

# Key Elements

- TMDL
- Implementation Plan
- Lake O' the Pines
- Telling Our Story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# What is a TMDL?

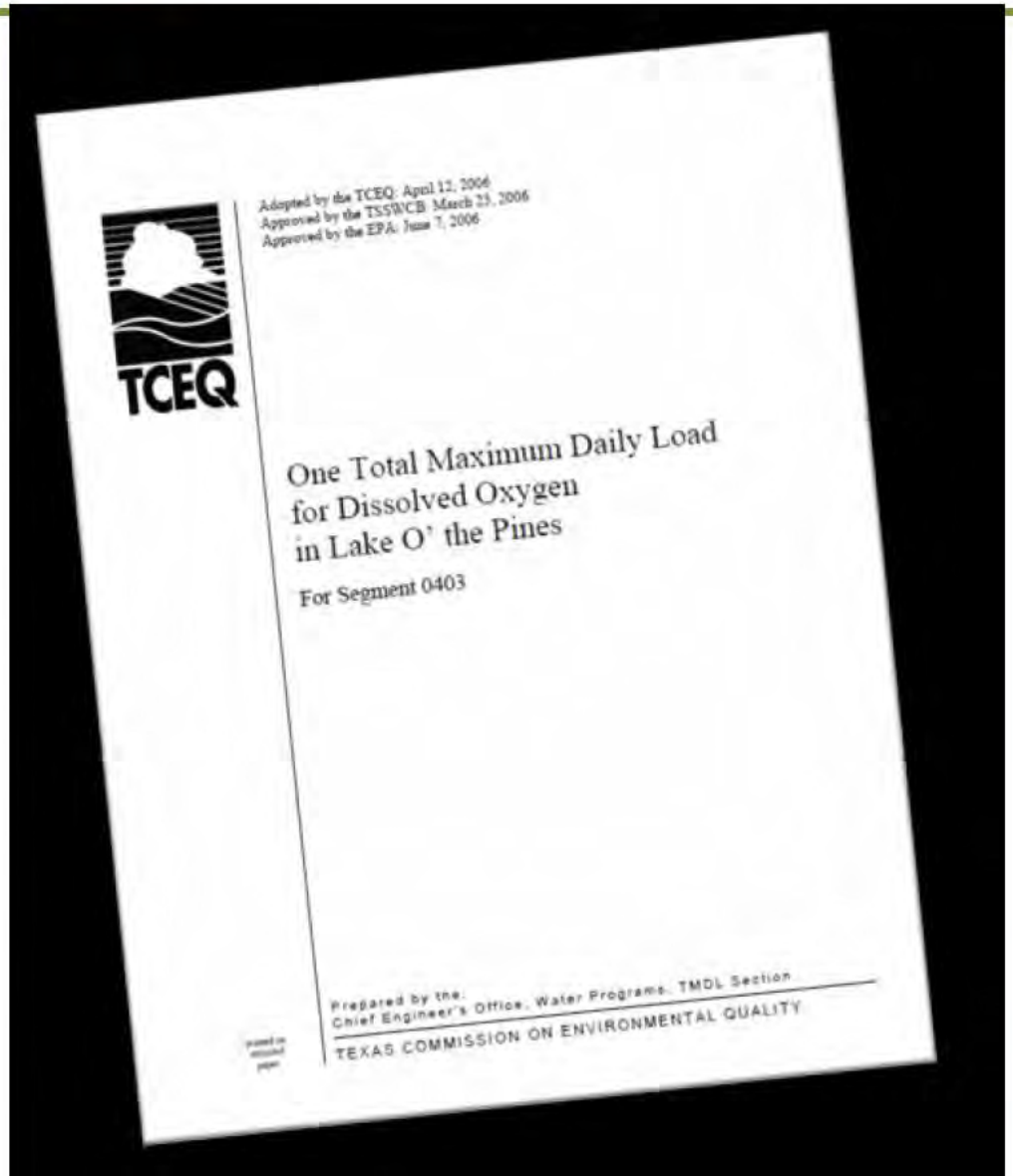
- Total Maximum Daily Load
- A process for restoring water quality

# Federal Legal Requirements

- Clean Water Act
  - Identify polluted water bodies Section 303 (d)
  - Implement action plans to restore

# Why do a TMDL?

- Restoration
- Tool
- Sources



Adopted by the TCEQ: April 12, 2006
Approved by the TSSWCB: March 23, 2006
Approved by the EPA: June 7, 2006

TCEQ

One Total Maximum Daily Load
for Dissolved Oxygen
in Lake O' the Pines

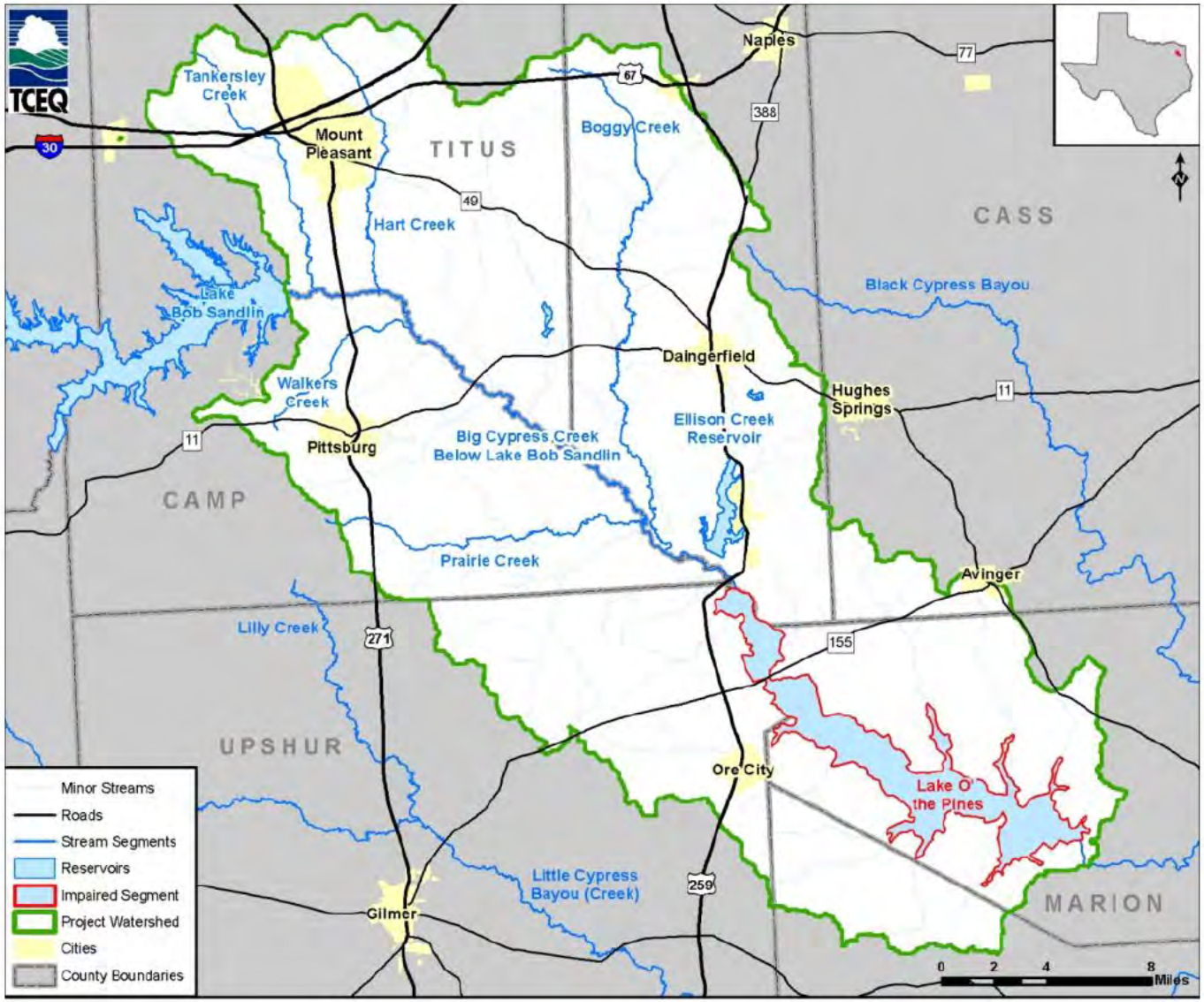
For Segment 0403

Prepared by the:
Chief Engineer's Office, Water Programs, TMDL Section

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

# What is an I-Plan?

# Why Lake O' the Pines?



# Ultimate Goal

- Increase the level of dissolved oxygen concentrations

# Water Quality Targets

- Intermediate targets
  - Total phosphorus
  - Chlorophyll-a

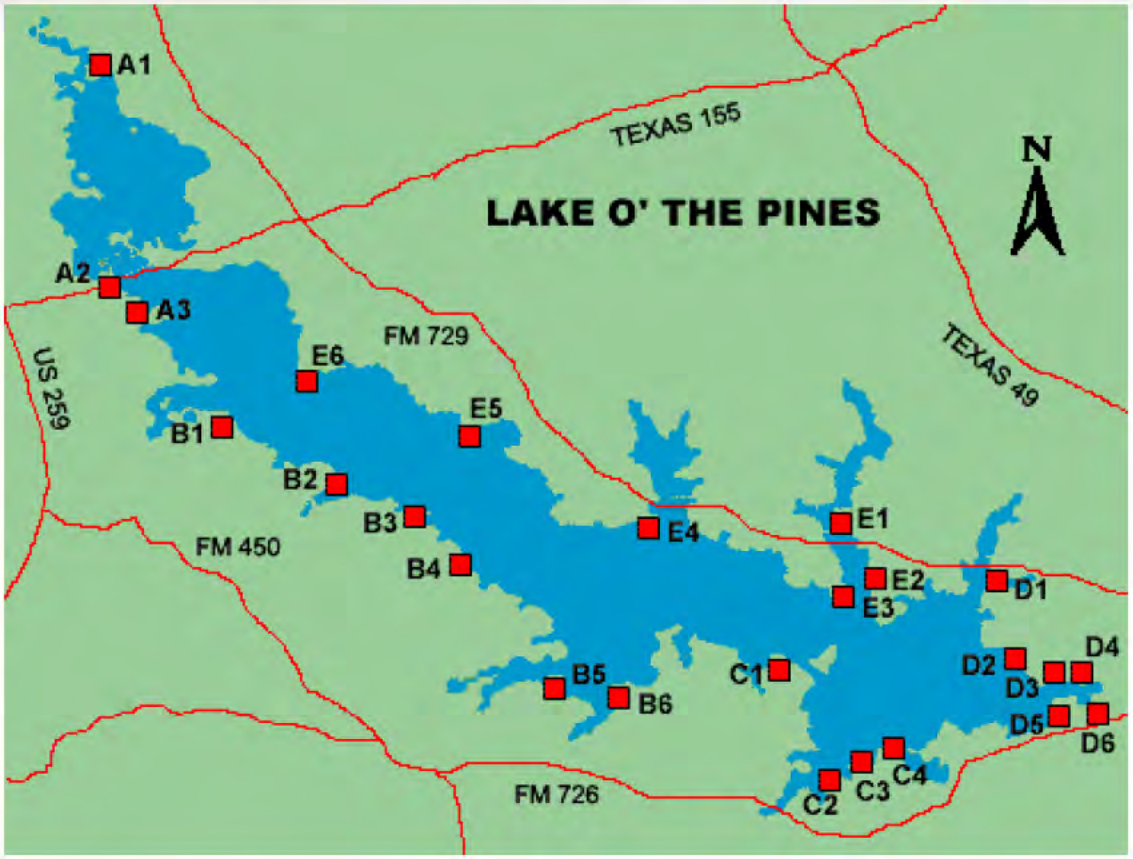
# Moving Forward

- Review I-Plan
- Evaluate
- Revise

What's your story?

EARTH DAY EAST TEXAS

Google
LinkedIn
YouTube
bing


LAKE O' THE PINES
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D5
D6
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E5
E6

- Cleanups, Remediation
- Emergency Response
- Licensing
- Permits, Registrations
- Preventing Pollution
- Recycling
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- Rules

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How 's our Customer Service? Please fill out our Customer Satisfaction Survey

# COPY Gilleland Creek: A TMDL Project for Bacteria

**A project to improve water quality by reducing bacteria in Gilleland Creek. The TMDL is adopted and the I-Plan is approved.**

Back to TMDL Projects

**Watershed County:** Travis
**Parameter:** Bacteria
**River Basin:** Colorado River
**Segment:** 1428C

Click map to see monitoring stations, permitted discharges, flood control project sites, and educational inititatives

Overview
Participate
Partners
Activities & Status
Media
Library
TMDLs & I-Plan
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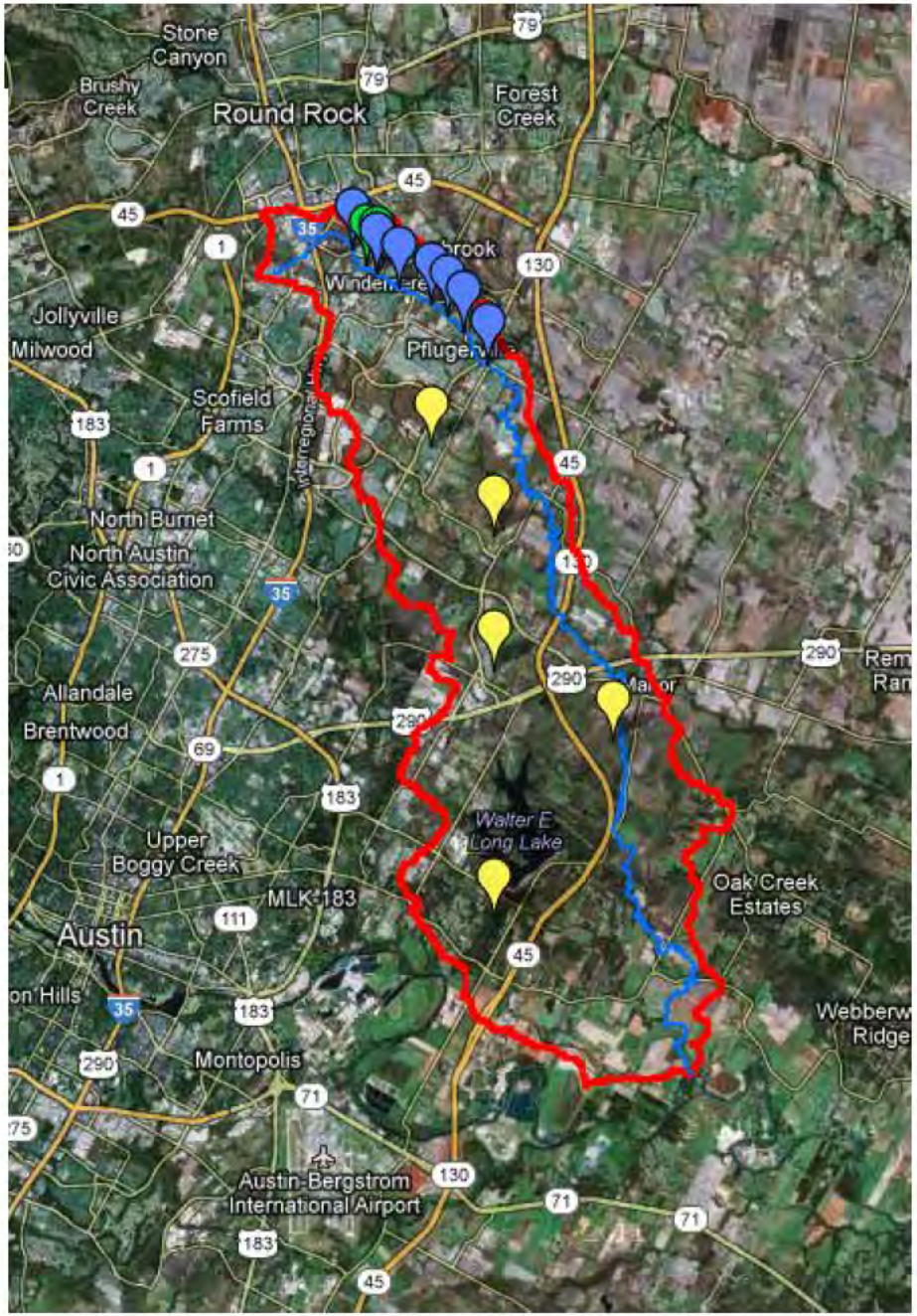
# Google maps

Displaying content from www.tceq.texas.gov
The content displayed below and overlaid onto this map is provided by a third party, and Google is not responsible for it. Information you enter below may become available to the third party.

Contents

- [x] Gilleland Creek
  - [ ] Gilleland-AUs
    - [x] Features
  - [ ] Gilleland Creek Watershed
    - [x] Features
      - [x] Watershed Outline
  - [x] Monitoring Stations
  - [ ] General Information
    - [x] Gilleland - General Information
      - [x] Pet Waste
        Pet Waste Travis County and City of Pflu
    - [x] Gilleland - General Information
      - [x] Water Quality Ordinances
        Water Quality Ordinances The Travis Coun
    - [x] Gilleland - General Information
      - [x] Wastewater
        Wastewater City of Austin, City of Pflug
    - [x] Gilleland - General Information
      - [x] Riparian Zones
        Riparian Zones Texas Wildlife Service
    - [x] Gilleland - General Information
      - [x] Septic Systems
        Septic Systems The authorized agents (Tr
  - [ ] Retrofitting Flood Control



# LCRA CRWN Site 369

**Gilleland Creek at Swenson Farms**

LCRA's Colorado River Watch Network (CRWN) is the first and largest regional volunteer network of water quality monitors in Texas. Trained volunteers submit water quality data that is reviewed and analyzed by CRWN staff, creating an early warning system that alerts LCRA to potential water quality threats.

Project Web Page

Directions Search nearby Save to map more

# Questions?

Lauren.Young@tceq.texas.gov
512-239-3182