

Water Resources Council (WRC)

July 1, 2020



North Central Texas Council of Governments

**Environment
& Development**

www.nctcog.org/WaterResources

Procedures for Online Meeting

- ▶ Today's presentation is posted on the WRC website at: <https://www.nctcog.org/envir/committees/water-resources-council>
- ▶ Roll call today in lieu of sign-in sheet.
- ▶ Please state your name and entity you are representing when you ask a question or provide a comment.
- ▶ Please keep your microphone on mute when not speaking.
- ▶ Approval of action items will still be done by a voice vote. Please only vote if you are a member of the WRC.

1. Welcome and Roll Call.

2. Service Recognition.

- Ms. Susan Alvarez, City of Dallas
- Mr. Hunter Stephens, formerly of the City of Richardson

Action Items

3. Meeting Summary. The January 15, 2020 meeting summary will be presented for approval.

Action Items

4. Approval of the Draft 2020 Update to the North Central Texas Water Quality Management Plan (Draft 2020 WQMP).

NCTCOG will provide an overview the Draft WQMP and public comments received.

[Link to 2020 WQMP](#)

Action Items

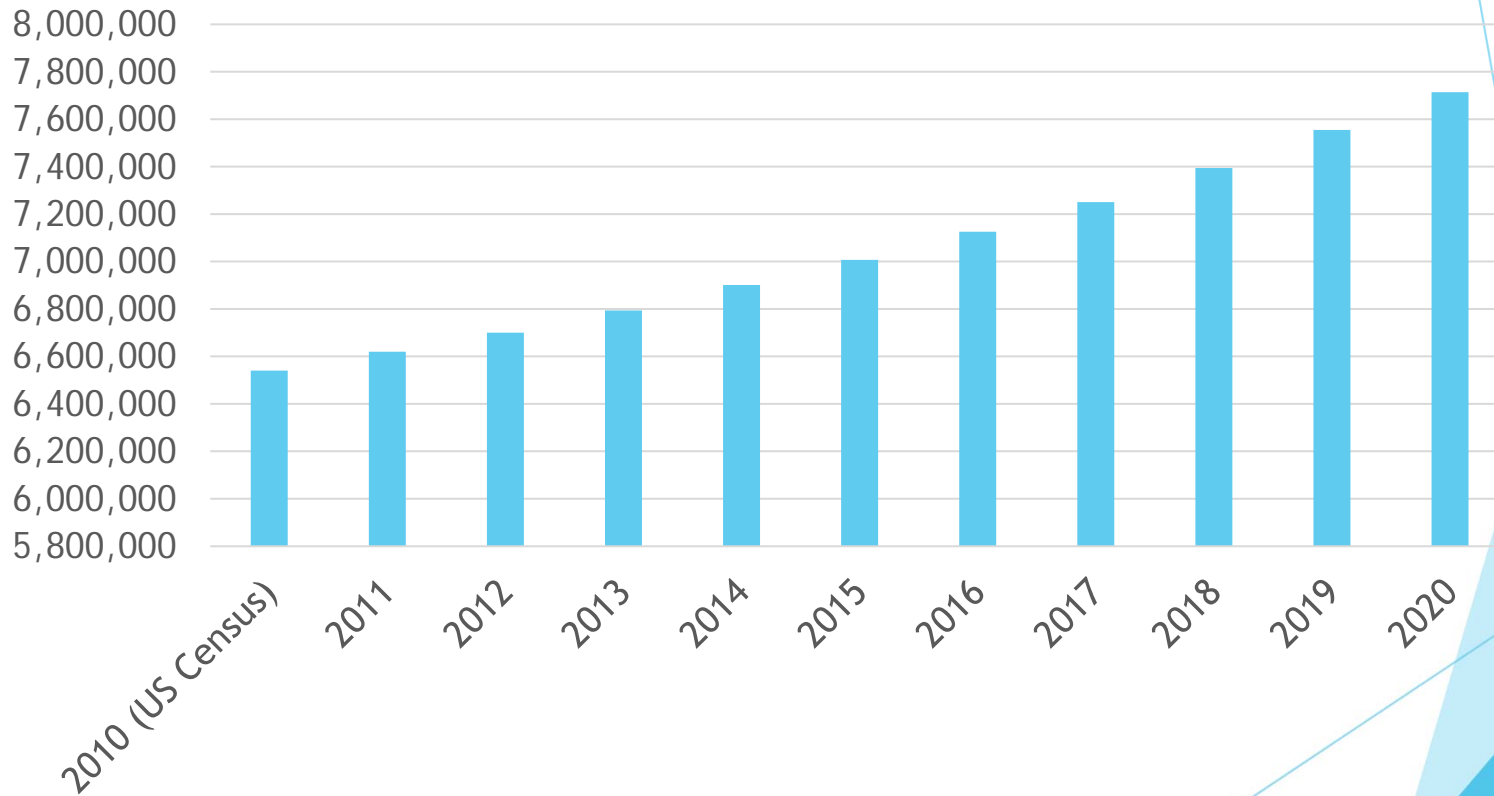
4. Draft 2020 WQMP Update

I. Major Elements:

- i. 2020 population estimates (to be incorporated in final draft)
- ii. Water quality map includes Watershed Protection Plans, Total Maximum Daily Load Implementation Plan boundary, and Category 4 and 5 streams all on same map.
- iii. DMR data included as an attachment only.

2020 Population Estimates

Population Estimates for the 16-County NCTCOG Region,
2010 - 2020. Source: NCTCOG RIS Department, May 2020.



2020 Population Estimates

Top 10 Cities Experiencing the Largest Percent Population Change in the NCTCOG Region, 2019-2020

City	2019 Population	2020 Population	Percent Population Growth (2019-2020)
Godley	1,250	1,550	24.0%
Celina	17,680	21,430	21.2%
Northlake	4,140	4,930	19.1%
Aubrey	4,530	5,380	18.8%
Justin	4,050	4,620	14.1%
Melissa	10,820	12,290	13.6%
Farmers Branch	31,780	35,910	13.0%
Princeton	12,680	14,290	12.7%
Cross Roads	2,200	2,460	11.8%
Fate	14,940	16,660	11.5%

Source: NCTCOG, May 2020.

2020 Population Estimates

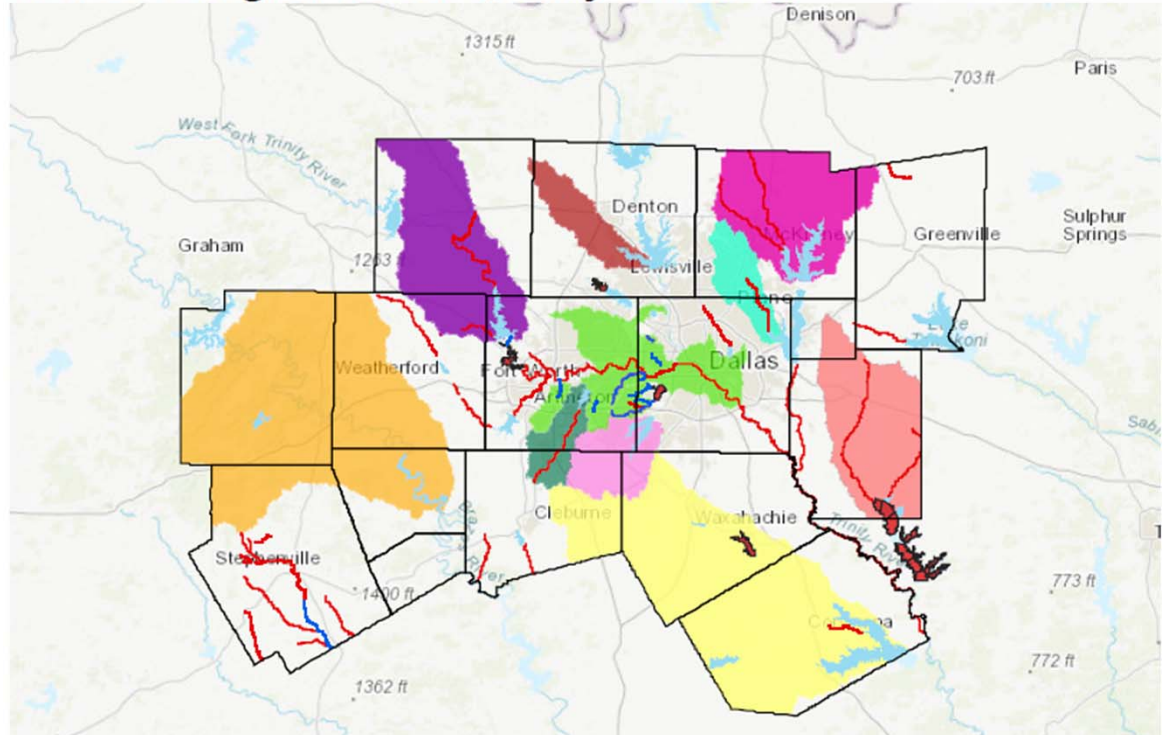
Top 10 Cities Experiencing the Highest Absolute Growth in the NCTCOG Region, 2019-2020.

City	2019 Population	2020 Population	Absolute Population Growth (2019-2020)
Fort Worth	848,860	873,130	24,270
Dallas	1,301,970	1,314,610	12,640
Frisco	182,580	193,870	11,290
McKinney	188,500	194,890	6,390
Rowlett	63,700	69,460	5,760
Arlington	386,180	390,540	4,360
Farmers Branch	31,780	35,910	4,130
Denton	134,460	138,250	3,790
Celina	17,680	21,430	3,750
Grand Prairie	191,720	195,200	3,480

Source: NCTCOG, May 2020.

Water Quality Overview Map

NCTCOG Region Water Quality Overview



- NCTCOG Counties**
□
- Category 4 Impaired Waters**
—
- Category 5 Impaired Waters (TX 303 (d) List)**
—
- Category 5 Lakes (TX 303 (d) List)**
■
- Lakes**
■
- Total Maximum Daily Load (TMDL) Implementation Plan Area**
■
- Richland-Chambers Reservoir Watershed Protection Plan**
■
- Lavon Lake Watershed Protection Plan**
■
- Cedar Creek Reservoir Watershed Protection Plan**
■
- Village Creek-Lake Arlington Watershed Protection Plan**
■
- Eagle Mountain Reservoir Watershed Protection Plan**
■
- Lake Granbury Watershed Protection Plan**
■
- Hickory Creek Watershed Protection Plan**
■
- Joe Pool Watershed Characterization Study Area**
■
- Rowlett Creek Watershed Characterization Study Area**
■
- Cedar Creek Reservoir**
■

Source: 2018 Texas Integrated Report of Surface Water Quality, TMDL Implementation Plan for Greater Trinity River Region, NCTCOG WPP maps.

Action Items

4. Draft 2020 WQMP Update

II. Comments received

- i. DFW Airport - In WQMP section, "TPDES Permitted Dischargers in the NCTCOG Region," typos and edits needed in the description of DFW's TPDES Permit No. WQ0001441000.
- ii. City of Balch Springs- Comments on need to create retention ponds in city.

Action Items

4. Draft 2020 WQMP Update

II. Comments received

iii. UTRWD -

- In section, "NCTCOG Region Wastewater System," comments on accuracy of UTRWD wastewater boundary, and whether to include UTRWD members who own and operate their own WWTPs;
- In section, "NCTCOG Wastewater Treatment Plants," three UTRWD wastewater reclamation plants need to be added to map, and edits to description for Riverbend plant.

Action Items

4. Draft 2020 WQMP Update

II. Comments received

ii. UTRWD (continued)

- In section, "TPDES Permitted Dischargers in the NCTCOG Region," add two plants; and
- In section, "Reservoirs, Water Reuse, and Water Conservation," corrections to information about Lake Ralph Hall.

iii. Comments from WRC members?

Action Items

Recommended Reappointments:

- Mike Adams (City of Midlothian)
- Patty Cleveland (Trinity River Authority)
- Glenn Clingenpeel (Trinity River Authority)
- Mike Curtis (City of North Richland Hills)
- Wilson Kakembo (Town of Addison)
- Wes Kucera (City of Garland)
- Kevin Mercer (Denton County Fresh Water Supply District 6 & 7)
- Wayne Owen (Tarrant Regional Water District)
- Steve Pettit (City of Irving)
- Frank Pugsley (City of Denton)
- Stacy Walters (City of Fort Worth)

Action Items

Recommended New Members

- Sally Wright (City of Dallas)
- Eric Robison (City of Richardson)

Recommended Chair and Vice-Chair

Chair: Wayne Owen (Tarrant Regional Water District)

Vice - Chair: Glenn Clingenpeel (Trinity River Authority)

Discussion

6. Coronavirus in Wastewater and Biosolids.

The WRC will discuss the implications of the pandemic and whether any follow-ups are needed.

Discussion

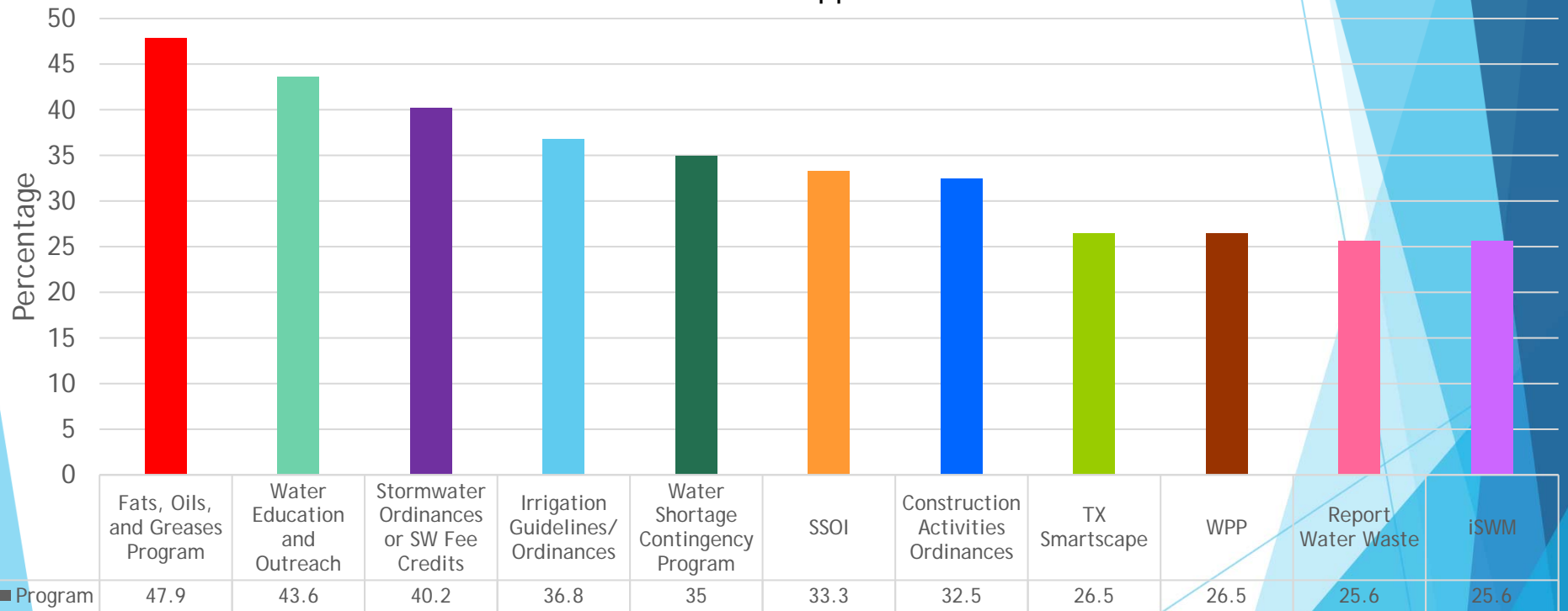
7. Results of 2020 Water Resources Questionnaire.

NCTCOG will present a summary of the results.

Water Resources Questionnaire

Please check all that your entity provides or participates in.

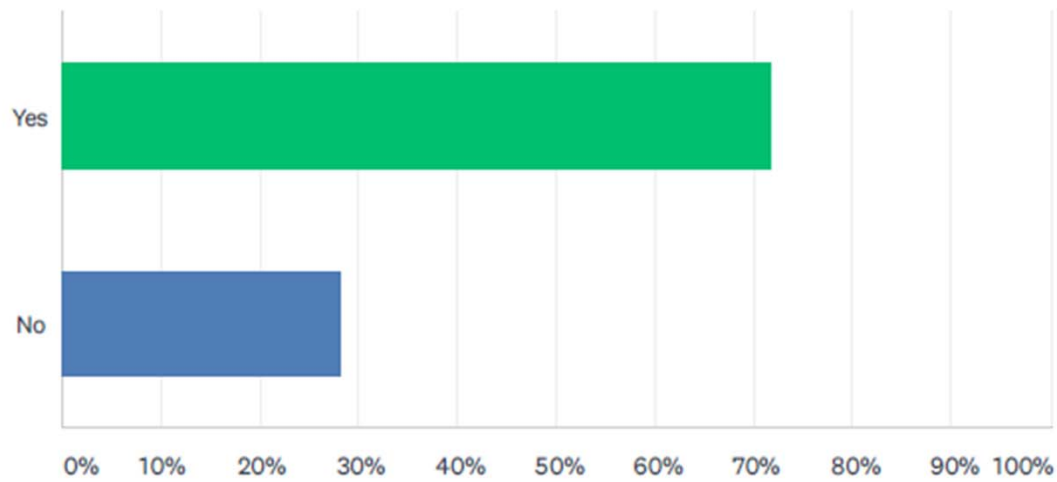
Answered: 117 Skipped: 33



Water Resources Questionnaire

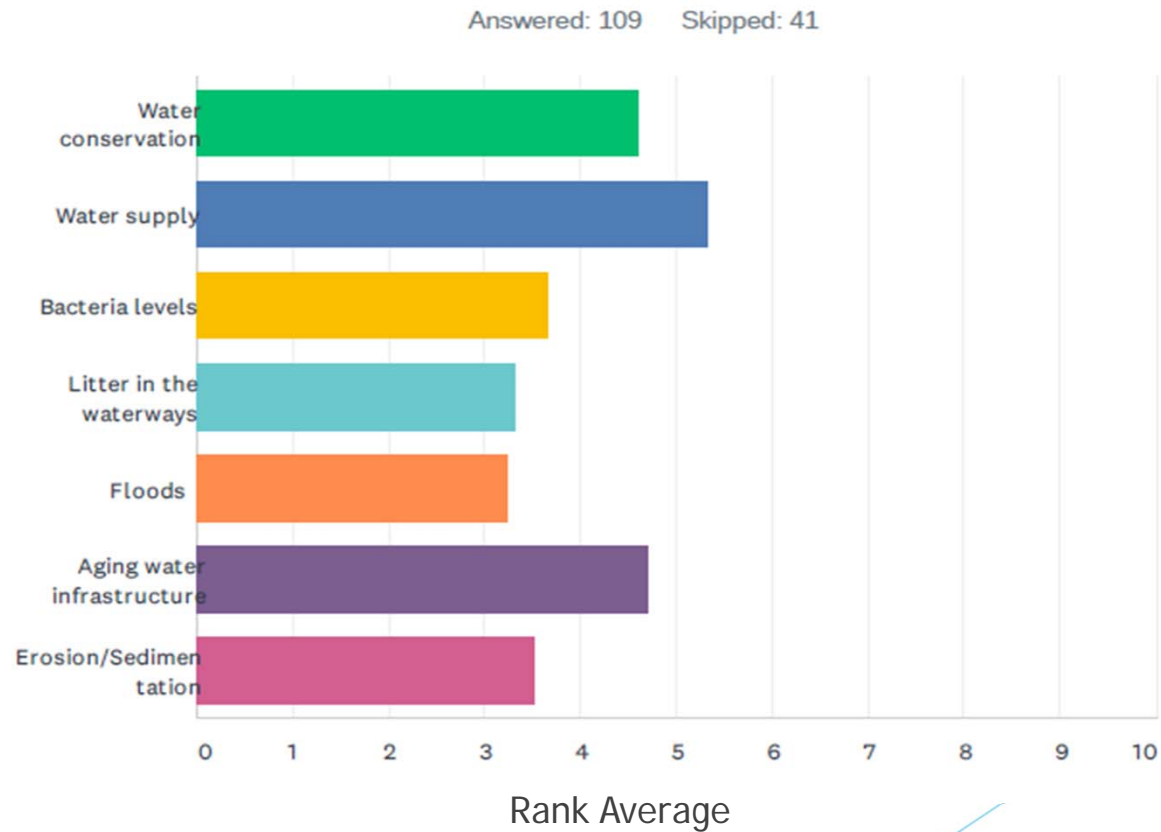
Q4 Would water related social media toolkits be useful to your organization?

Answered: 110 Skipped: 40



Water Resources Questionnaire

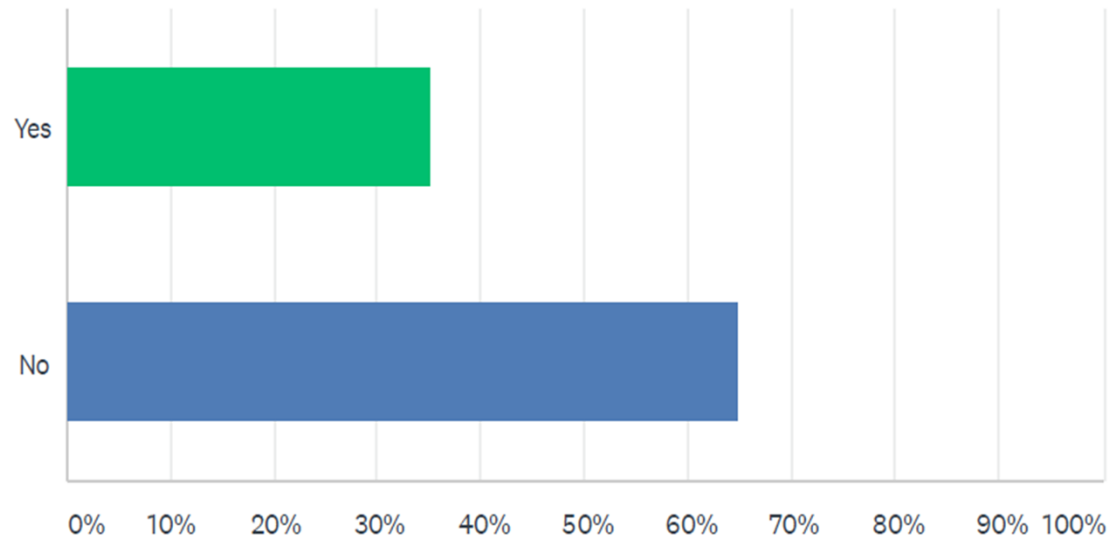
Q6 Please rank the water resources issues listed below in order of priority with 1 being the highest priority and 7 being the lowest priority.



Discussion

Q10 Do you ever use or refer to the North Central Texas Water Quality Management Plan?

Answered: 105 Skipped: 45



Water Resources Questionnaire

What challenges do you face in your water related outreach efforts?

Staffing

Motivating homeowners
about water efficiency

Need more resources for schools

Funding for staff or GIS knowledge

Translating materials to other languages

Water Resources Questionnaire

If there is a water resources issue that you think is a high priority in North Central Texas but wasn't listed above, please type it in the box below.

Flooding

Urban stormwater runoff

**Groundwater conservation
and contamination**

Climate change

Discussion

8. WQMP Subcommittee of the WRC meeting on March 2, 2020.

- WQMP - funded by 604 (b) of Clean Water Act
- What is the purpose of this funding?

EPA - "Determine the nature and extent of point and nonpoint source water pollution and to develop plans based on a watershed approach."

TCEQ - "To develop and maintain the WQMP; to review projects for conformance with the Plan, and to support public education."

- TCEQ allows flexibility regarding the information included in the WQMP.
- 2021 WQMP contract already underway. Will include data collection for OSSFs in region.
- 2022 WQMP contract will be developed in fall 2021. NCTCOG will seek WRC input on the content of 2022 WQMP.

Discussion

8. WQMP Subcommittee of the WRC meeting on March 2, 2020.

- Topics to consider including in future year WQMPs:
 - Biosolids disposal
 - Emerging pollutants of concern
 - Forward thinking document, where is growth going to occur?
 - Document expansion plans for WWTPs and water quality issues in those locations
 - Include permitted and actual discharges
 - Measures used in Watershed Protection Plans in the region with a list of WPP contacts.
 - Consolidate all utility master plans in region to view conflicts
- Deliverable to be in the format of an interactive mapping tool.

Other Business and Roundtable Discussion

9. NCTCOG Updates.

a. Water for North Texas Resource Library.

Water for North Texas Database

View Edit

Welcome to the Water For North Texas Database! Here you will find a highly curated library of information regarding water topics. Browse the menu below to get started.

Topics

Water Supply / Conservation

- Lake Levels
- Tx SmartScape
- Rainwater Harvesting
- Water Efficiency at Home

Water Management

- Stormwater
- Integrated Stormwater Management (ISWM)
- Emergency Water Issues

Water Quality

- Water Treatment
- On Site Sewage Facilities (OSSFs)
- Pet Waste
- Litter
- Bacteria
- Wastewater and Treatment Education
- Green Infrastructure (GI)
- Low Impact Development (LID)

Continued, as you scroll down page.

Watershed Protection Plans

Seasonal

- Freeze
- Flushing Pipes and Hydrants
- Plumbing Repairs
- Lawn Irrigation

Other

- Case Studies
- Regional Campaigns
- Teacher Resources

Other Business and Roundtable Discussion

10. Future Agenda Items.

The committee can request future agenda items.

11. Roundtable

WRC members share what is happening in their communities.

Other Business and Roundtable Discussion

12. Schedule for the next meeting

- The next WRC meeting is scheduled for:

Thursday, October 15, 2020

Location: TBD

13. Adjournment.

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