

WATER QUALITY OUTLOOK FOR NORTH CENTRAL TEXAS

Cassidy Campbell

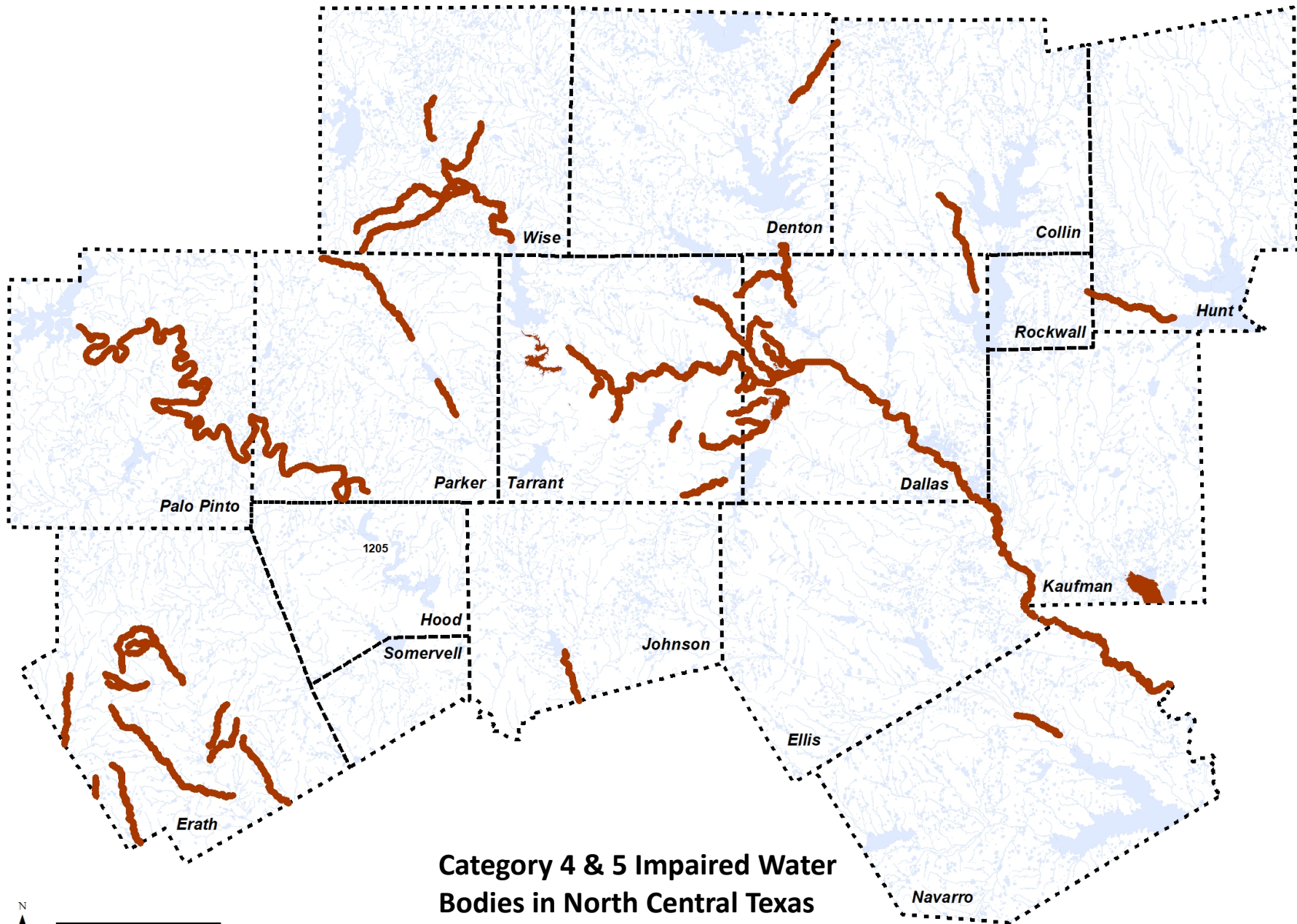
Sr. Environment & Development Planner

2019 Urban Riparian Symposium



www.nctcog.org/envir

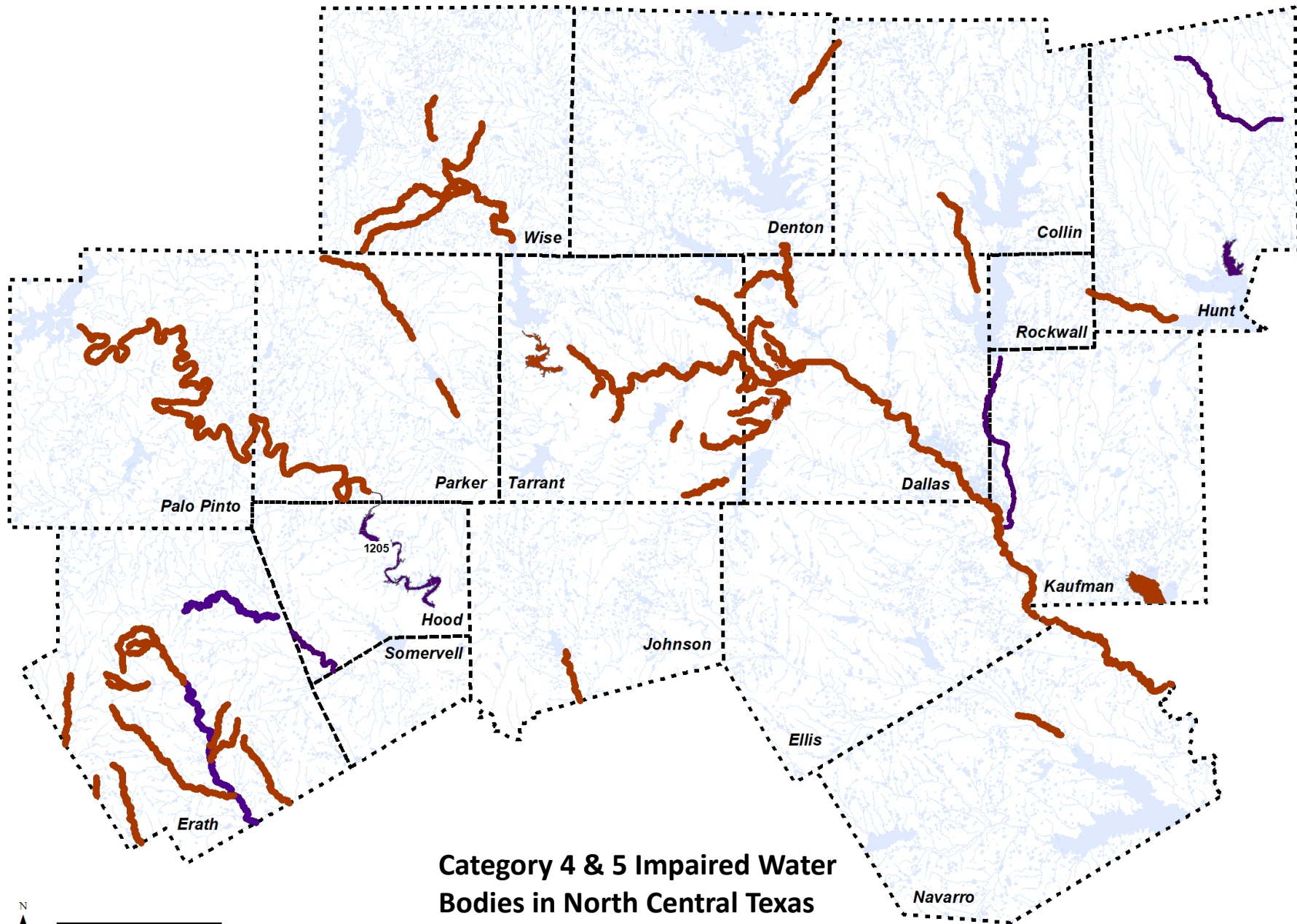
2006



Category 4 & 5 Impaired Water Bodies in North Central Texas

Source: 2006 TCEQ Texas Index of Water Quality Impairments; NCTCOG

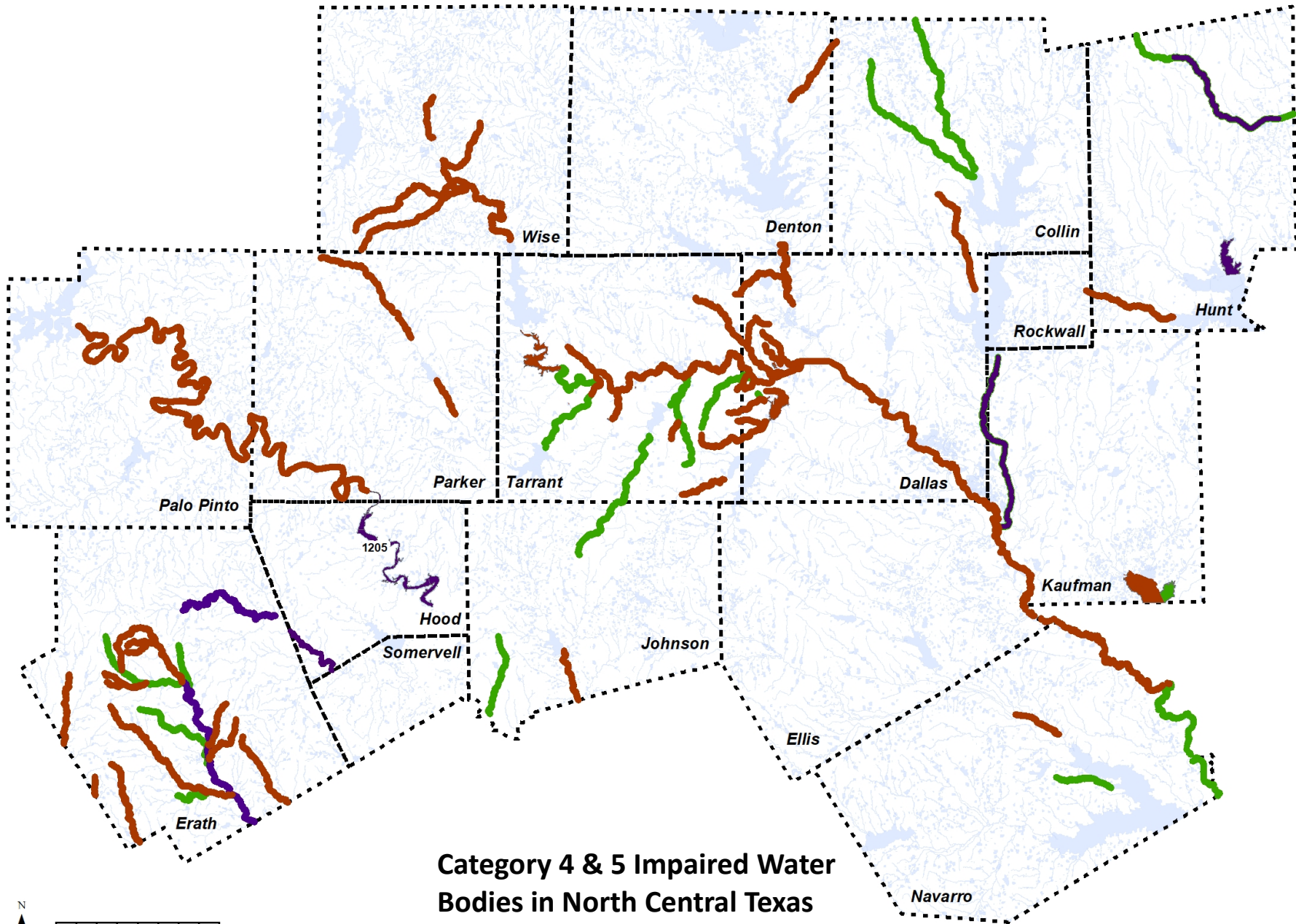
2008



Category 4 & 5 Impaired Water Bodies in North Central Texas

Source: 2006/2008 TCEQ Texas Index of Water Quality Impairments; NCTCOG

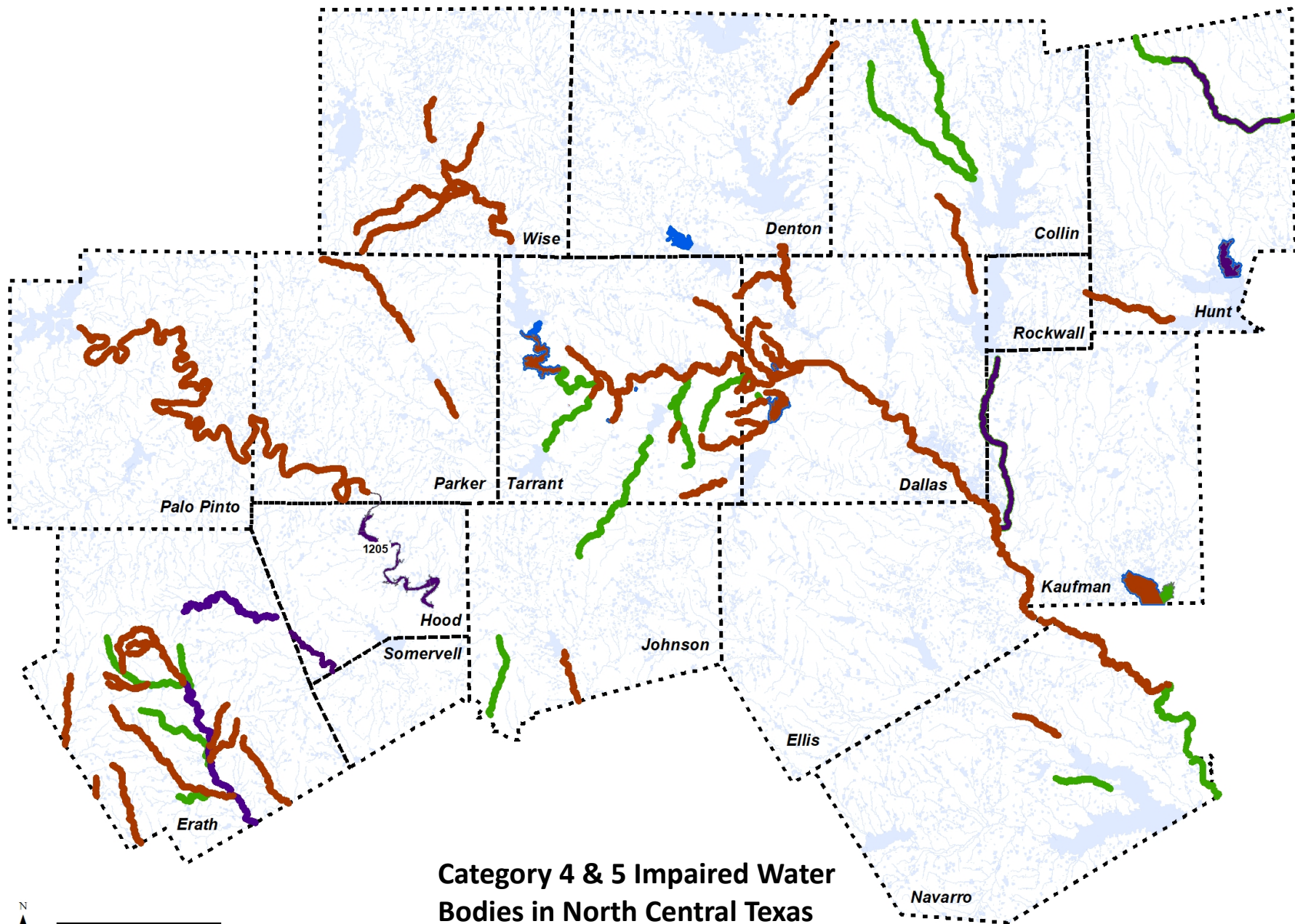
2010



Category 4 & 5 Impaired Water Bodies in North Central Texas

Source: 2006/2008/2010 TCEQ Texas Index of Water Quality Impairments; NCTCOG

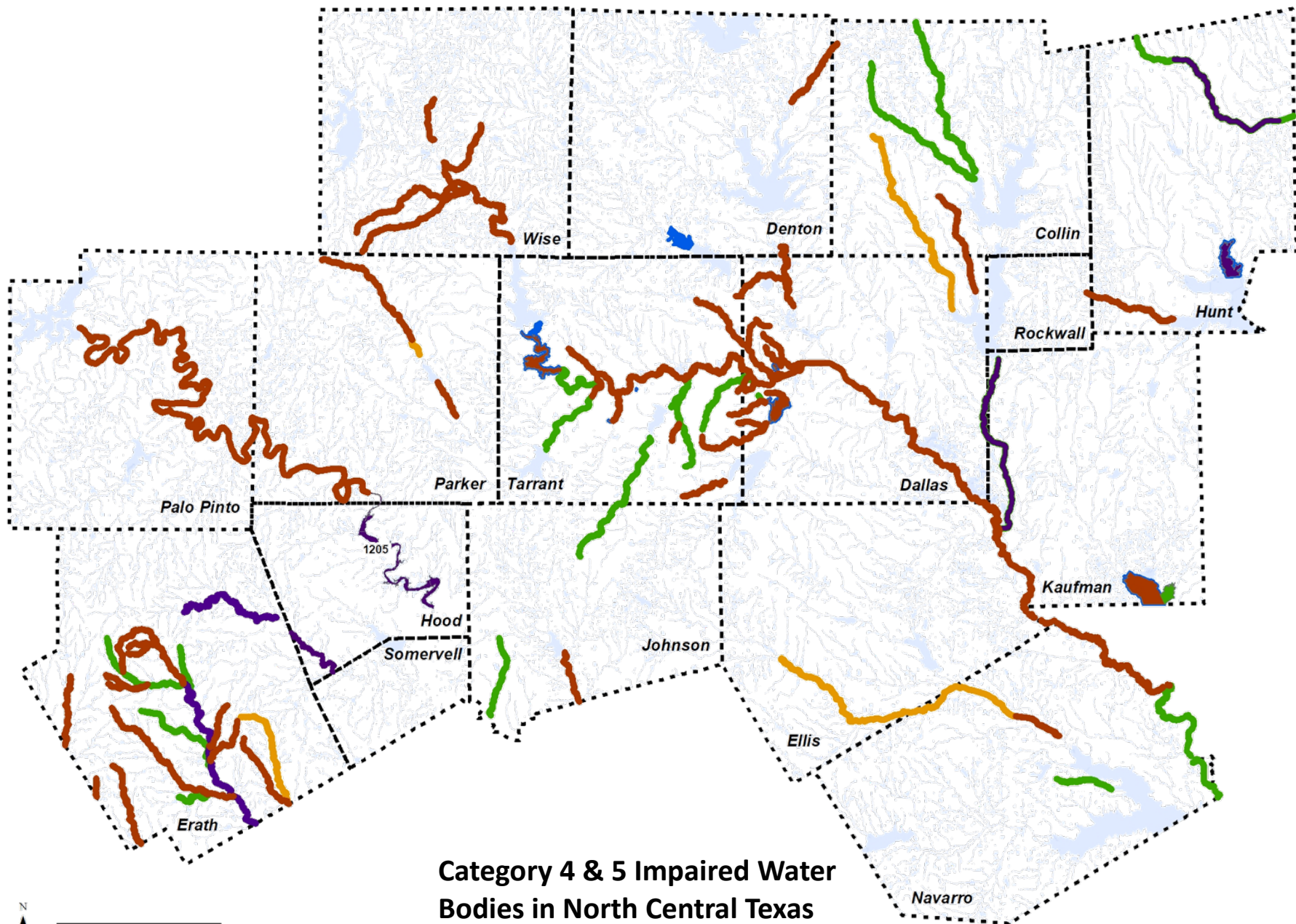
2012



Category 4 & 5 Impaired Water Bodies in North Central Texas

Source: 2006/2008/2010/2012 TCEQ Texas Index of Water Quality Impairments; NCTCOG

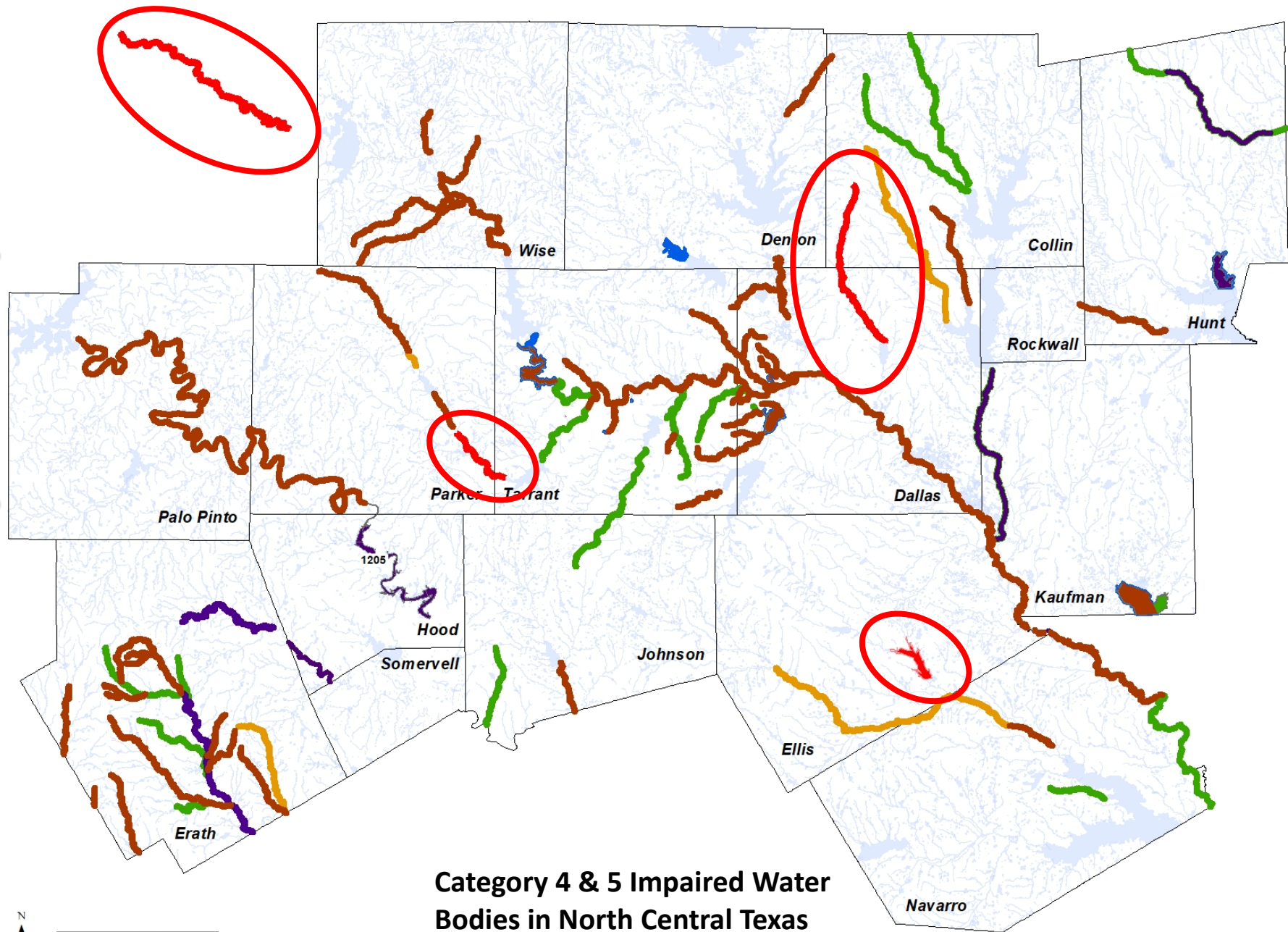
2014



Category 4 & 5 Impaired Water Bodies in North Central Texas

Source: 2006/2008/2010/2012/2014 TCEQ Texas Index of Water Quality Impairments; NCTCOG

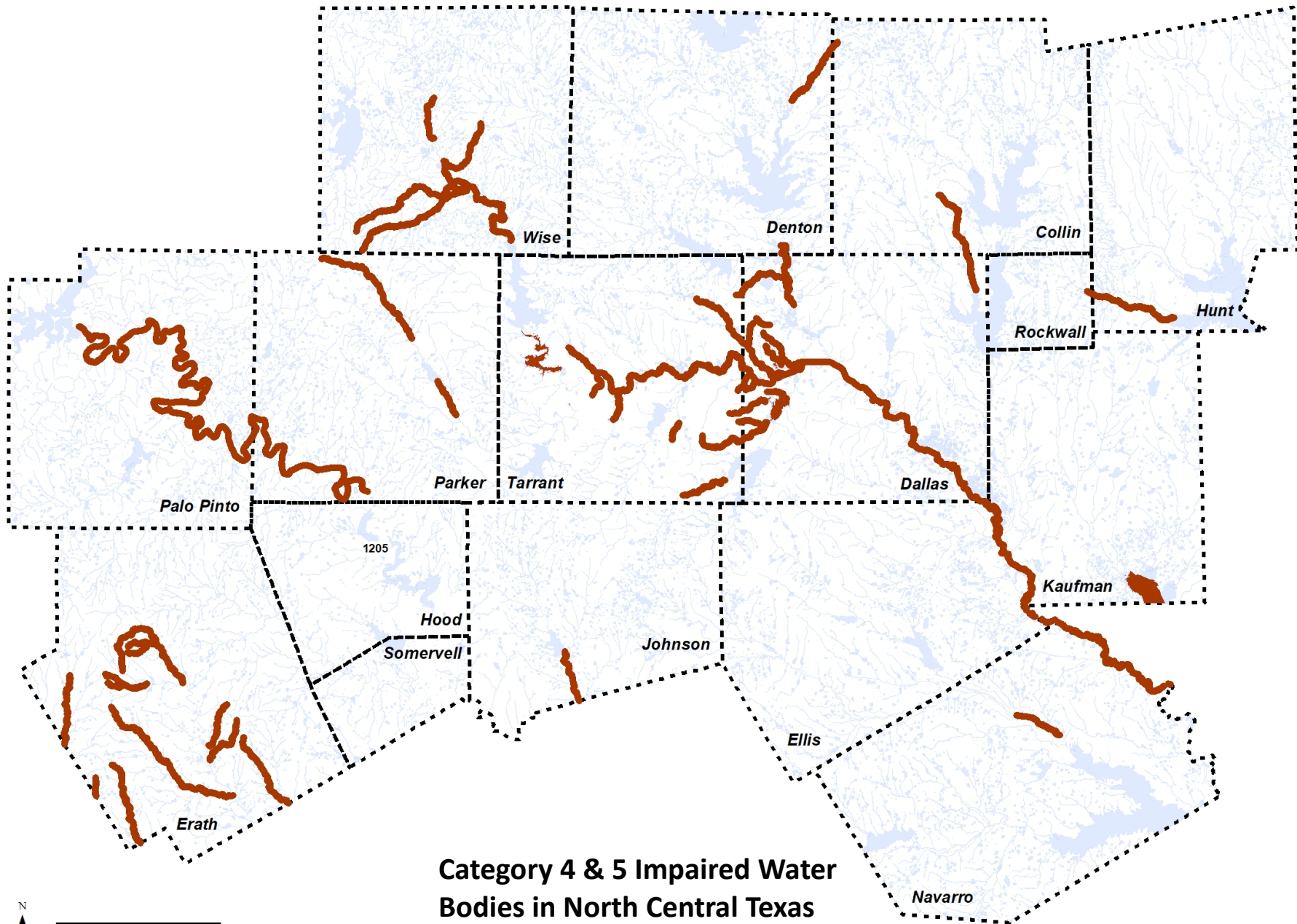
2016 (DRAFT)



Category 4 & 5 Impaired Water Bodies in North Central Texas

Source: 2006/2008/2010/2012/2014/Draft 2016 TCEQ Texas Index of Water Quality Impairments; NCTCOG

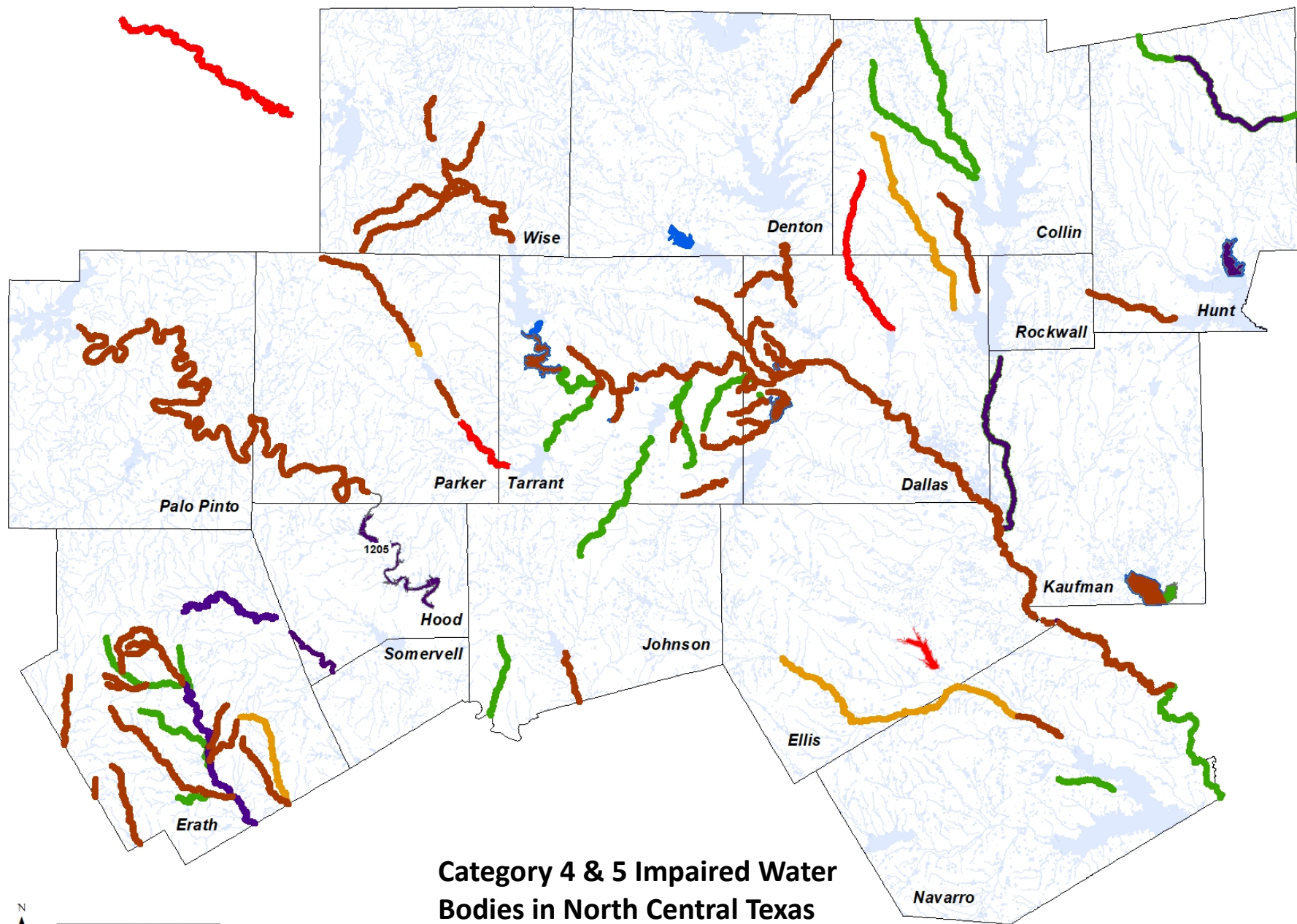
13 YEARS AGO



Category 4 & 5 Impaired Water Bodies in North Central Texas

Source: Texas Index of Water Quality Impairments: 2006; TCEQ, NCTCOG

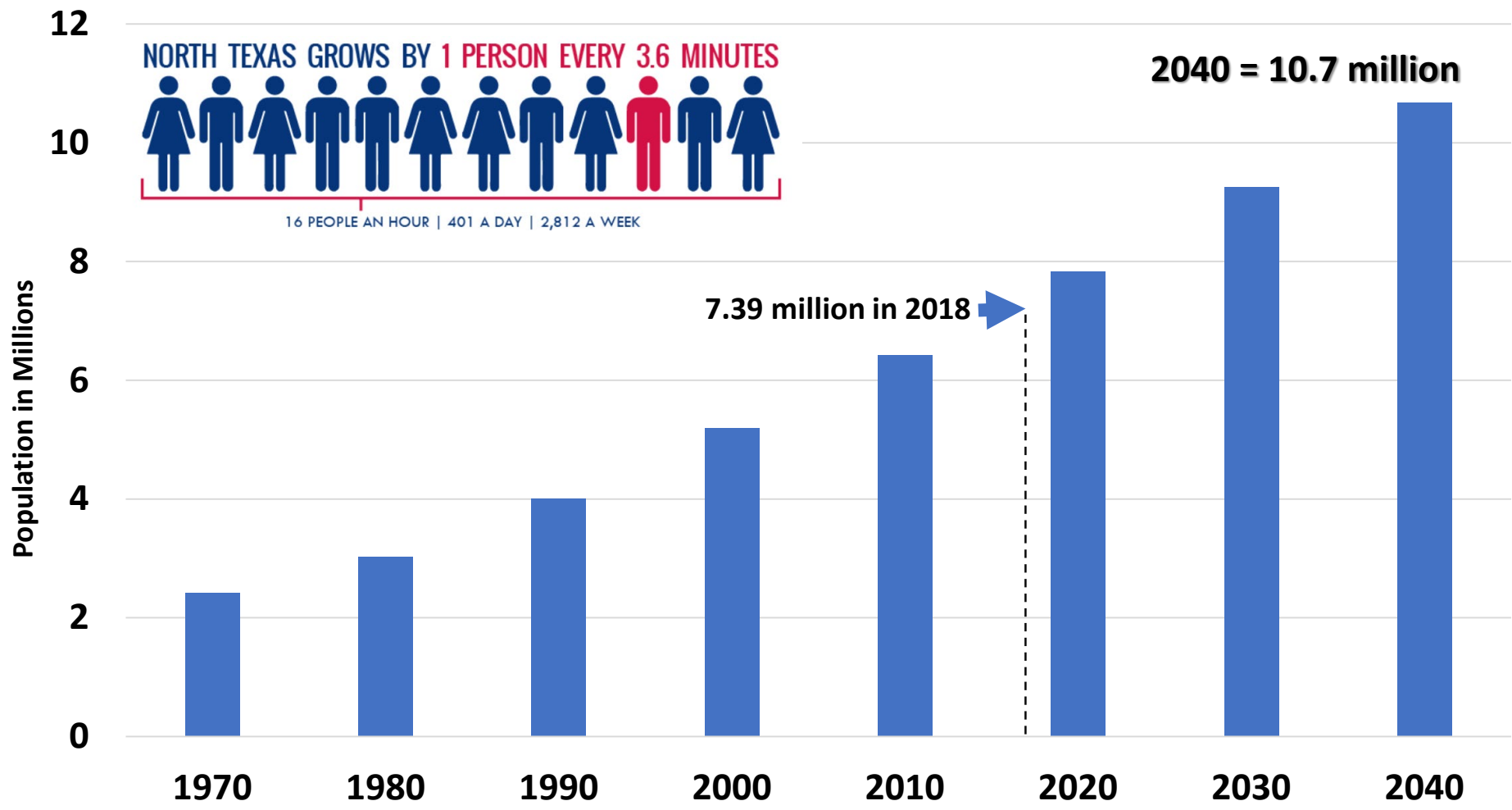
CURRENT



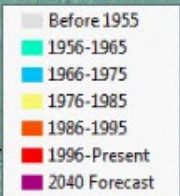
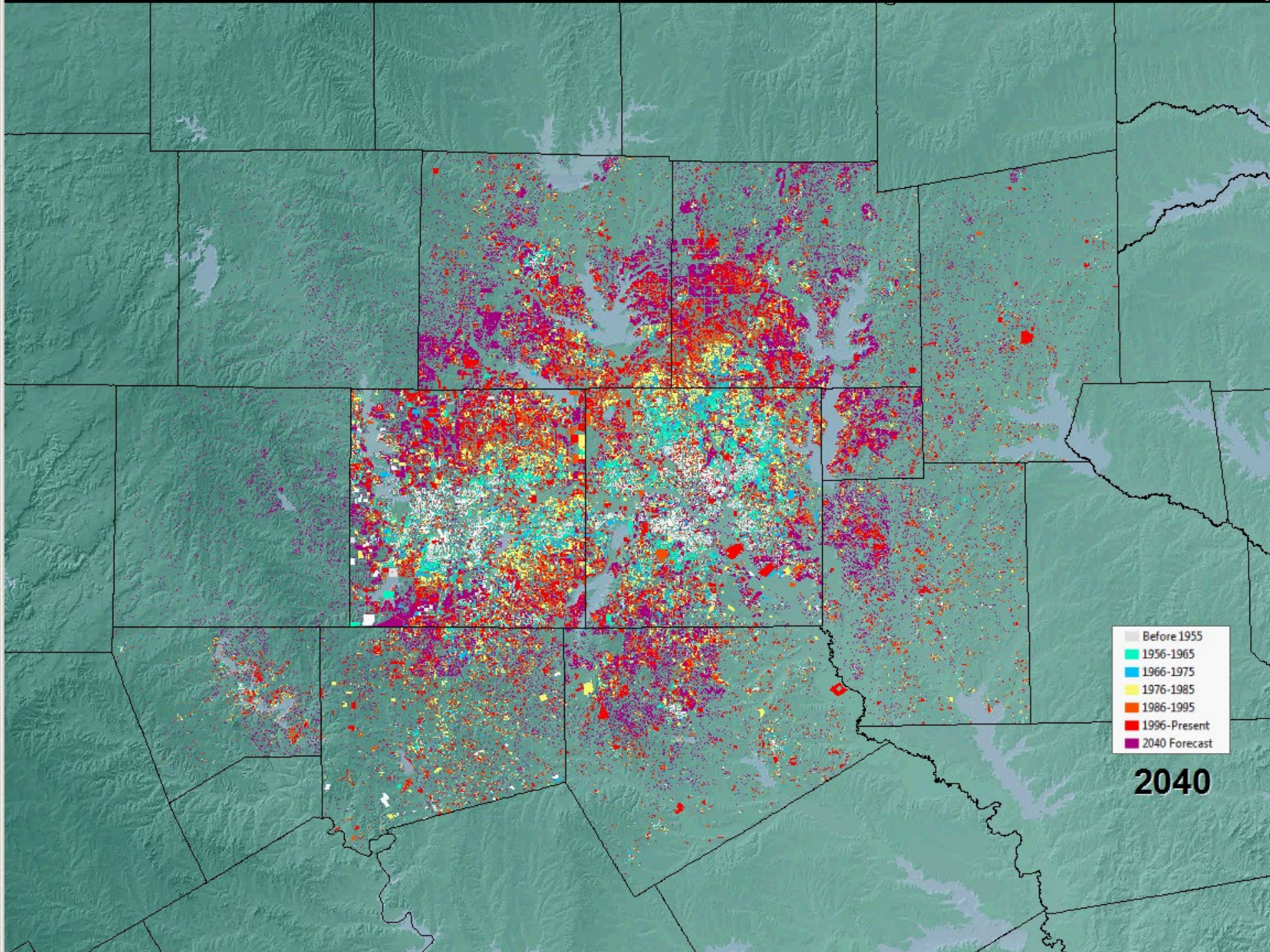
Category 4 & 5 Impaired Water Bodies in North Central Texas

Source: 2006/2008/2010/2012/2014/Draft 2016 TCEQ Texas Index of Water Quality Impairments; NCTCOG

North Central Texas Population Forecast



Source: NCTCOG, North Texas Commission



2040

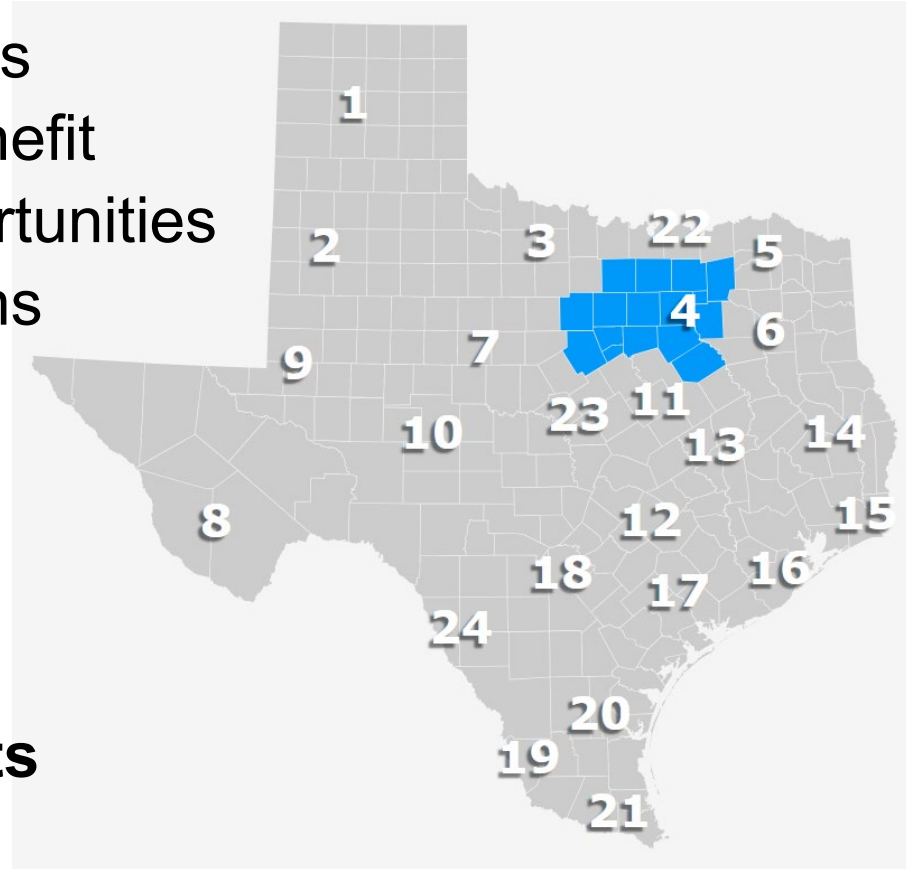
What is the North Central Texas Council of Governments?

- Voluntary association of local governments
- Established in 1966
- Assists local governments in:
 - Planning for common needs
 - Cooperating for mutual benefit
 - Recognizing regional opportunities
 - Resolving regional problems
 - Making joint decisions

16 Counties

169 Cities

53 School and Special Districts



Regional Watershed Protection Goals

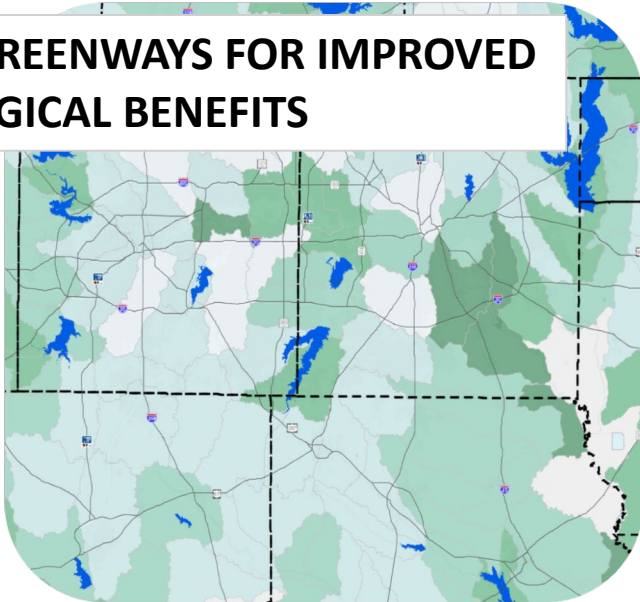
MEET OR EXCEED STATE WATER QUALITY STANDARDS



REDUCE FLOODING



LINK GREENWAYS FOR IMPROVED ECOLOGICAL BENEFITS



PROVIDE RECREATIONAL AND MOBILITY OPPORTUNITIES



REGIONAL WATER QUALITY INITIATIVES

Natural Resources

Several important water resource management challenges exist in North Central Texas including water quality challenges, water supply, drought and water conservation efforts and wastewater management. NCTCOG coordinates with local governments and special districts, such as water districts, to promote integrated water resource management and watershed strategies to address these challenges.



Water Resources

[Learn More](#)



Watershed Protection Plans

[Learn More](#)



Total Maximum Daily Load

[Learn More](#)



Greenprinting

[Learn More](#)



Energy Management, Efficiency, and Renewable Energy

[Learn More](#)



Texas Stream Team

[Learn More](#)



Regional Ecosystem Framework

[Learn More](#)

<https://www.nctcog.org/envir/natural-resources>

Stormwater

The local governments within the urbanized areas of North Central Texas are committed to implementing a cooperative and comprehensive program to manage stormwater quality issues affecting the region.



Featured Projects

- Illicit Discharge Detection and Elimination Field Investigation Guide (2018) [PDF]
- Preventing Stormwater Pollution at Construction Sites Field Guide (2011) [PDF]
- Texas SmartScape Program - www.txsmartscape.com
- Stormwater Jeopardy Game
- Stormwater BMP Library

Relevant Committees

- Regional Stormwater Management Coordinating Council
 - Illicit Discharge Detection & Elimination Task Force
 - Pollution Prevention Task Force
 - Regional Stormwater Monitoring Task Force
 - Public Education Task Force

 [Sign up to receive emails](#)



Construction and Post-Construction

[Learn More](#)



Illicit Discharge

[Learn More](#)



Monitoring

[Learn More](#)



Pollution Prevention

[Learn More](#)



BMP Library

[Learn More](#)



Public Education Task Force

[Learn More](#)



Educator Toolbox

[Learn More](#)



Texas SmartScape

[Learn More](#)



Pet Waste

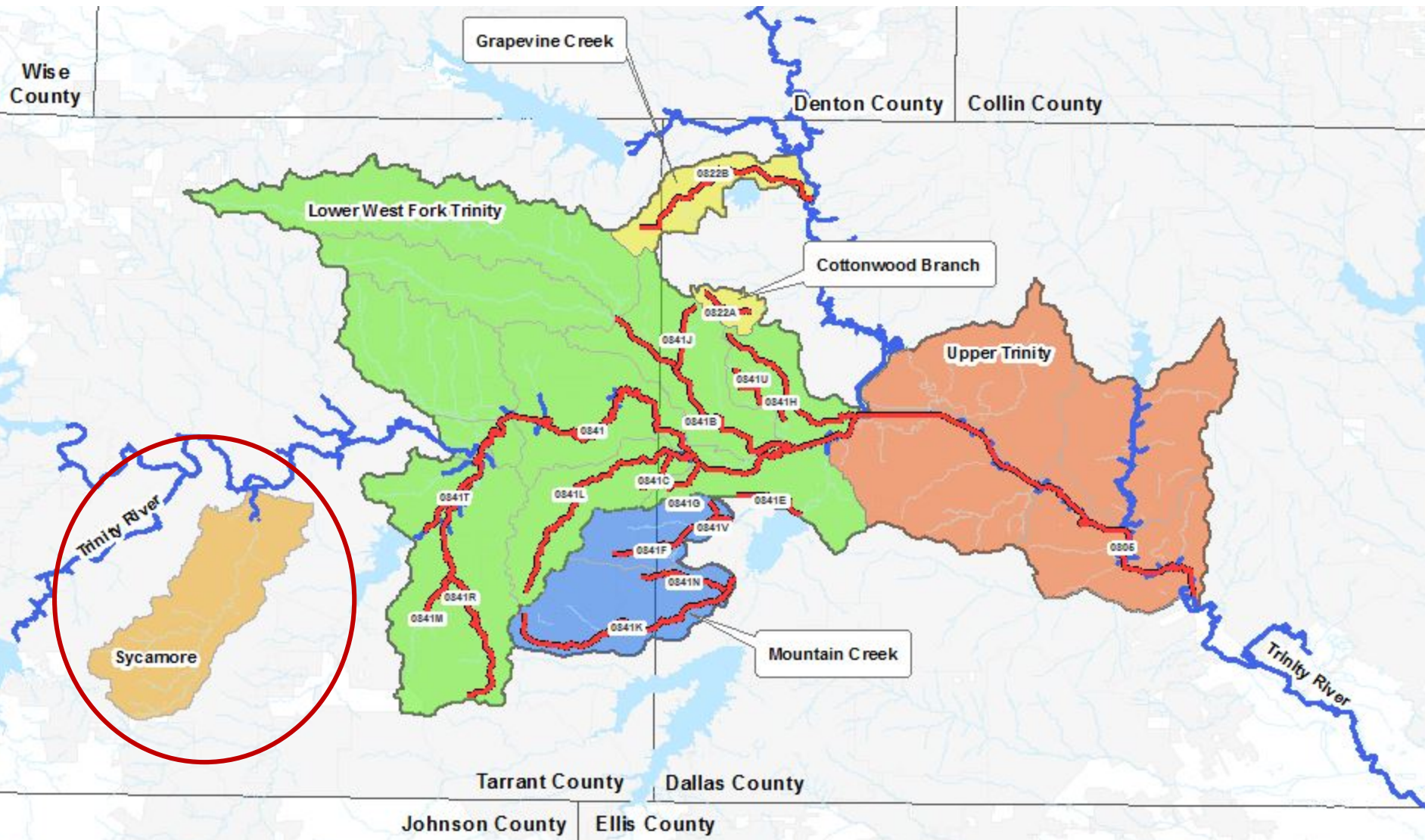
[Learn More](#)



Program Participation

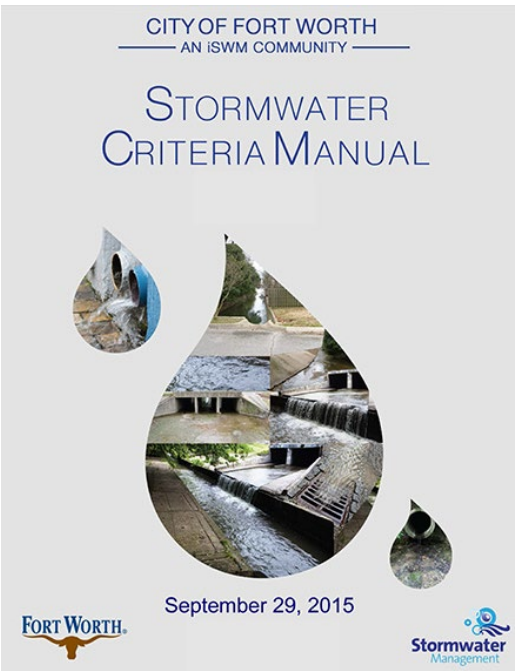
[Learn More](#)

GREATER TRINITY RIVER BACTERIA TMDL IMPLEMENTATION PLAN



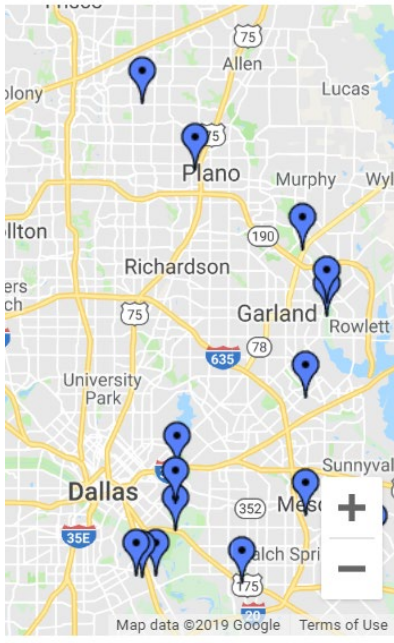
TWO WATER QUALITY CASE STUDIES: FORT WORTH AND PLANO

**Ranjan Muttiah
City of Fort Worth**



**Heather Fern
City of Plano**

Regional Stormwater Monitoring Program



Contact

Cassidy Campbell

Senior Environment & Development
Planner

ccampbell@nctcog.org

817.608.2368

Connect



Facebook.com/nctcogenv



@nctcogenv



nctcogenv



youtube.com/user/nctcoged



EandD@nctcog.org



nctcog.org/envir