



TAGD

TEXAS ALLIANCE OF
GROUNDWATER DISTRICTS

Interactive GCD Index

Julia Stanford, Director of Programs & Communications

January 10, 2024

Texas Groundwater Protection Committee



Overview

- Who is TAGD?
- What is a GCD?
- History of GCD Index
- Current design and data
- Navigating the map viewer
- Navigating the table
- Example use cases
- On the horizon
- Questions



Who is TAGD?

- Non-profit membership organization
- 91 GCDs, 44 associate members
- Support GCDs and sound groundwater management
 - Conduct educational and technical training
 - Track legislation, agency rulemaking, and policy discussions
 - Serve as a resource for GCDs, the public, lawmakers, and state agencies
 - Facilitate communication among GCDs
 - Collect data on GCDs



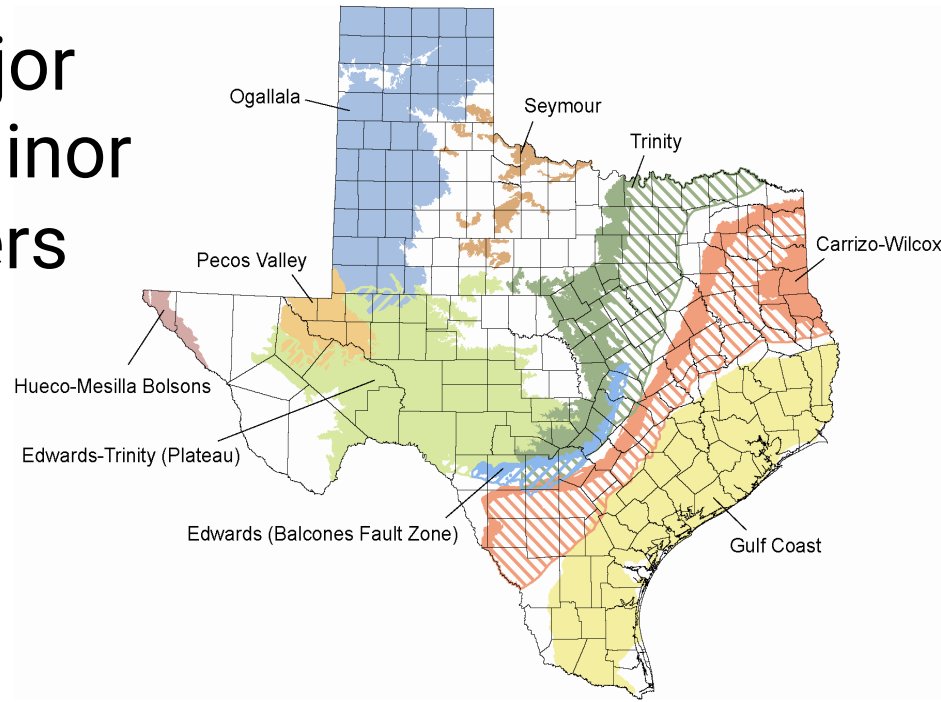
What is a GCD?

- Political subdivision of the state
- Powers and duties established by Legislature in Chapter 36 of the Texas Water Code and in district-specific enabling legislation
- Authorized to regulate the production of groundwater and well spacing
- Specific rules vary by district based on local conditions

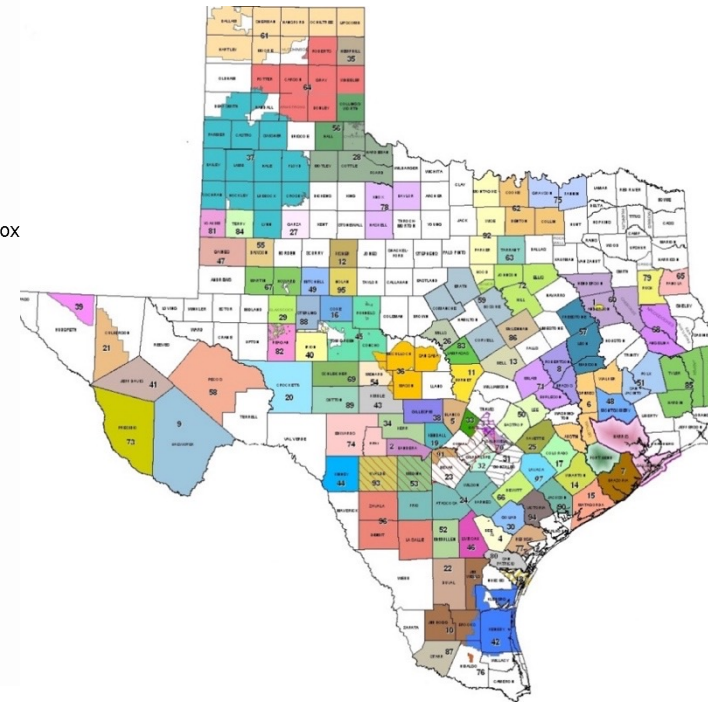


98 Groundwater Conservation Districts

GCDs
overlie 72%
of major
and minor
aquifers



GCDs
cover 174
of 254
Counties



Purpose of the GCD Index

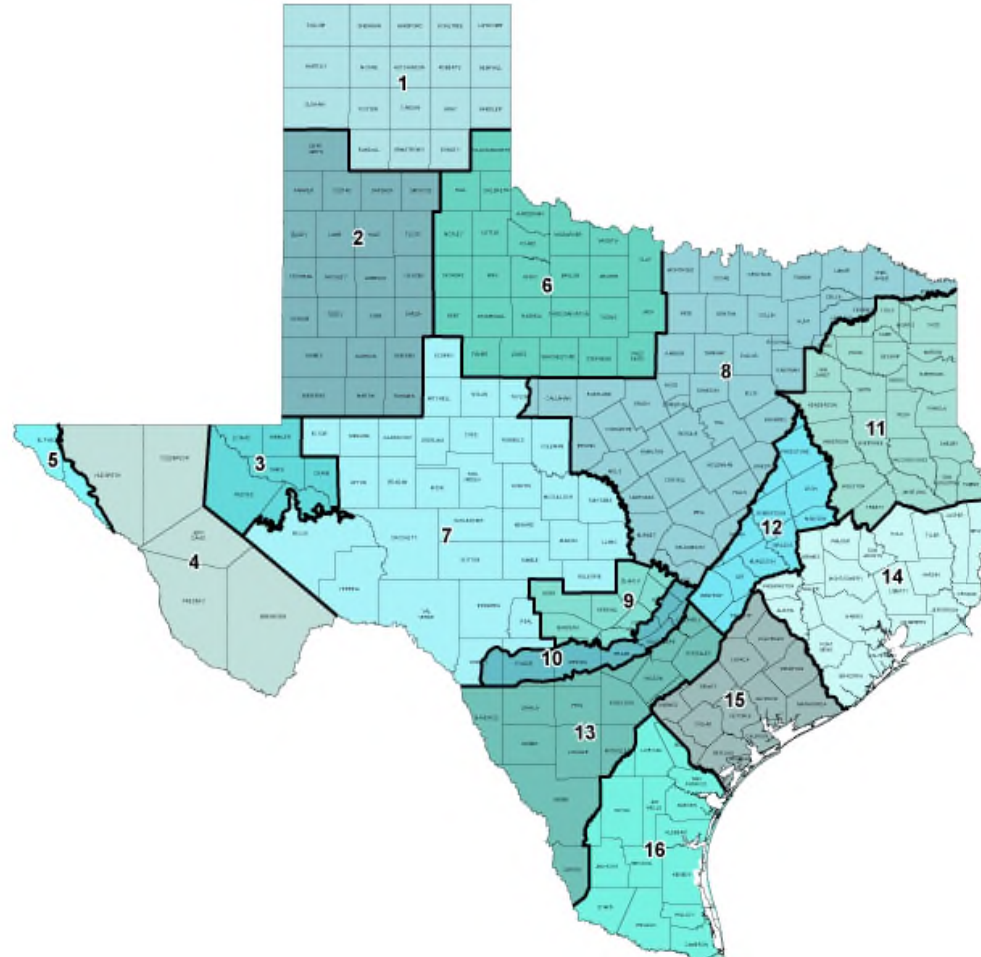
- Interactive representation of information about GCDs
- Show people their district
- Help stakeholders easily reference and compare GCDs
- Provide information that can be aggregated and analyzed to inform policy decisions



Version #1

GMA

- GMA #1
- GMA #2
- GMA #3
- GMA #4
- GMA #5
- GMA #6
- GMA #7
- GMA #8
- GMA #9
- GMA #10
- GMA #11
- GMA #12
- GMA #13
- GMA #14
- GMA #15
- GMA #16



Parameter Search

Number of Counties

Income Source

Selection of Board Members

GMA

Reporting Requirements

Meter Requirements

GCD / County Search

--Choose GCD--

--Choose County--



Version #1

Contact:	Mike McGuire General Manager 135 N Munday AVE Munday, Texas 76371 940.422.1095 http://www.rpgcd.org/
Enabling/Major Legislation:	Acts 1993, 73rd R.S.,ch. 1027, General and Special Laws of Texas; Acts 2001, 77th R.S.,ch. 38, General and Special Laws of Texas; Acts 2003, 78th R.S.,ch. 992, General and Special Laws of Texas; Acts 2017, 85th R.S.,ch. 609, General and Special Laws of Texas. Codified at Special District Local Laws Code Chapter 8867.
Link To Current Enabling Legislation:	http://www.statutes.legis.state.tx.us/Docs/SD/htm/SD.8867.htm
Link To management Plan Or Instructions On Where To Find It:	http://www.twdb.texas.gov/groundwater/docs/GCD/rpgcd/rpgcd_mgmt_plan2015.pdf
Link To District Rules Or Instructions On Where To Find Them:	http://www.twdb.texas.gov/groundwater/docs/GCD/rpgcd/rpgcd_rules.pdf
Number Of Counties:	3
Counties Covered:	Baylor, Haskell & Knox Counties





The image shows a map of Texas with a grid overlay. The text 'h alf' is overlaid on the map. The 'h' is a stylized blue icon consisting of a grid of squares. The 'alf' is in a bold, dark blue sans-serif font. The map shows major cities like Albuquerque, Santa Fe, Amarillo, Lubbock, Midland, Dallas, Houston, San Antonio, Juarez, Chihuahua, Oklahoma City, Tulsa, Little Rock, Memphis, Jackson, Baton Rouge, and New Orleans. It also shows geographical features like the Rio Grande, Canadian, Ouachita Mountains, and Ozark Plateau. A scale bar for 100 miles and a coordinate box are at the bottom left. A search bar and navigation icons are at the bottom right.

h alf

100 mi

Lat/Lon 26.44308 -109.07443

Find address or place



The Result

The screenshot displays the TAGD GCD Index web application. At the top left is the TAGD logo (Texas Alliance of Groundwater Districts) and a 'User Guide' button. The title 'TAGD GCD Index' is centered at the top, and the 'halff' logo is at the top right. On the left side, a 'Layers' panel lists several map layers: GCD Boundaries, GMA Boundaries, Texas Counties, Major Aquifers, Minor Aquifers, and Geologic Atlas of TX. The main map area shows a map of Texas and surrounding regions, with various Groundwater Conservation District (GCD) boundaries highlighted in different colors. Major cities like Amarillo, Lubbock, Midland, Dallas, Austin, Houston, and San Antonio are labeled. The map includes a scale bar (100 mi), a latitude/longitude display (Lat/Lon 32.77313 -113.61857), and a search bar with a magnifying glass icon. Navigation controls like zoom in (+) and zoom out (-) are also visible.

www.texasgroundwater.org/gcd-index



The Result

District List

GCD Name ↑ ▼	District Website ▼	GMA(s) ▼	# of Counties ▼	Counties Covered ▼	Aquifers Permitted ▼
Q	Q	Q	Q	Q	Q
i Bandera County River Authority & Ground Water District	https://www.bcragd.org	9	1	Bandera County	
i Barton Springs/Edwards Aquifer CD	http://www.bseacd.org/	9, 10	3	southeastern Travis County, eastern Hays County (non-Ed...	Trinity Aquifer Edwards Aquifer Alluvial; Austin Cha
i Bee GCD	http://www.beegcd.com/	15, 16	1	Parts of Bee County	
i Blanco-Pedernales GCD	http://blancogw.org/	9	1	Blanco	Trinity Aquifer Allenburger Aquifer Hickory Aquifer I
i Bluebonnet GCD	http://www.bluebonnetgroundwate...	14	4	Austin, Grimes, Walker, Waller Counties	Gulf Coast & Crizio Wilcox & Queen City& Sparta 8
i Brazoria County GCD	https://www.bcggroundwater.org	14	1	Brazoria County	Gulf Coast
i Brazos Valley GCD	https://brazosvalleygcd.org/	12	2	Brazos & Robertson	Carrizo/Wilcox; Sparta; Queen City; Yegua-Jackso
i Brewster County GCD	https://westtexasgroundwater.com/	4	1	Brewster	
i Brush Country GCD	https://brushcountrygcd.com/	15, 16	4	All of Jim Hogg County, 73% of Brooks County, 93% of Ji...	
i Calhoun County GCD					

5 **10** 20 50

Page 1 of 11 (101 items) **1** 2 3 4 5 ... 11

www.texasgroundwater.org/gcd-index



Data Includes...

- District contact and creation info
- Links to website, rules, management plan, enabling legislation
- Basic stats – aquifers permitted, community type, district population, elected/appointed, income source, export fees
- Rule highlights – production limits, exemptions or spacing requirements beyond Chp 36, metering/production reporting
- Additional info – presence of springs, water quality testing, funding assistance for well plugging, newsletter



Data Includes...

- District contact and c
- Links to website, rule
- Basic stats – aquifers, population, elected/a
- Rule highlights – pro requirements beyond
- Additional info – pres funding assistance fo

Disclaimer ✕

This map viewer and associated information on this website is being made available by TAGD as a public service. The information provided has been self-reported by GCDs to TAGD. TAGD requests updated information from GCDs at regular intervals, with the current data collected in 2020. While TAGD strives to ensure that information made available to the public through this website is accurate, it has not been independently verified and some errors may exist. TAGD assumes no legal responsibility for the accuracy or completeness of the information contained on this website.

i

I understand

, enabling legislation
community type, district
source, export fees
options or spacing
production reporting
water quality testing,
newsletter



Navigating the Map Viewer

The screenshot displays the TAGD GCD Index map viewer. On the left, a 'Layers' panel lists several map layers: GCD Boundaries, GMA Boundaries, Texas Counties, Major Aquifers, Minor Aquifers, and Geologic Atlas of TX. The main map area shows a color-coded map of Texas and surrounding regions, with various geographical features and cities labeled. The TAGD logo and 'User Guide' button are in the top left, and the TAGD GCD Index title and halff logo are in the top right. A search bar and navigation controls are in the bottom right.

www.texasgroundwater.org/gcd-index



Layer - GMA Boundaries

The screenshot displays the TAGD GCD Index web application. The interface includes a top navigation bar with the TAGD logo, a 'User Guide' button, the title 'TAGD GCD Index', and the 'half' logo. On the left, a 'Layers' panel is highlighted with a red circle, listing several map layers: 'GCD Boundaries', 'GMA Boundaries' (which is selected and highlighted with a blue border), 'Texas Counties', 'Major Aquifers', 'Minor Aquifers', and 'Geologic Atlas of TX'. The main map area shows a map of Texas divided into 16 Groundwater Management Areas (GMA #1 through GMA #16), each color-coded. The map includes geographical features like the Colorado Plateau, San Francisco Plateau, and Gulf of California, as well as major cities and states. A scale bar for 100 miles and a coordinate display (Lat/Lon 35.02349 -113.61200) are visible at the bottom left. A search bar and navigation controls are at the bottom right.

www.texasgroundwater.org/gcd-index



Layer – Texas Counties

The screenshot displays the TAGD GCD Index web application interface. At the top left is the TAGD logo and a 'User Guide' button. At the top center is the title 'TAGD GCD Index', and at the top right is the 'halff' logo. On the left side, a 'Layers' panel is visible, containing several options: 'GCD Boundaries', 'GMA Boundaries', 'Texas Counties' (which is selected and highlighted with a red circle), 'Major Aquifers', 'Minor Aquifers', and 'Geologic Atlas of TX'. The main map area shows a map of Texas with county boundaries and various colored overlays representing different groundwater management areas. Major cities and geographical features are labeled, including Phoenix, Tucson, Hermosillo, Chihuahua, Monterrey, Amarillo, Albuquerque, Santa Fe, Lubbock, Dallas, San Antonio, Houston, Little Rock, Memphis, Nashville, Birmingham, Montgomery, Jackson, Baton Rouge, and New Orleans. A scale bar for 100 miles and a coordinate box showing 'Lat/Lon 25.82716 -112.69305' are located at the bottom left of the map. A search bar with the text 'Find address or place' and navigation controls are at the bottom right.

www.texasgroundwater.org/gcd-index



Layer – Major Aquifers

The screenshot displays the TAGD GCD Index web application interface. At the top left, the TAGD logo and a 'User Guide' button are visible. The top center features the title 'TAGD GCD Index', and the top right shows the 'halff' logo. On the left side, a 'Layers' menu is highlighted with a red circle, containing the following options: 'GCD Boundaries', 'GMA Boundaries', 'Texas Counties', 'Major Aquifers' (which is selected and highlighted with a blue border), 'Minor Aquifers', and 'Geologic Atlas of TX'. The main map area shows a geographical view of Texas and surrounding regions, with various colored polygons representing different aquifers. Major cities like Dallas, Houston, San Antonio, and Austin are labeled. The map includes a scale bar for 100 miles, a coordinate display showing 'Lat/Lon 29.02438 -113.71326', and a search bar at the bottom right with the text 'Find address or place'. Navigation controls for zooming in (+) and out (-) are also present.

www.texasgroundwater.org/gcd-index



Layer – Minor Aquifers

The screenshot displays the TAGD GCD Index web application. On the left, a 'Layers' panel is highlighted with a red circle, containing the following options: GCD Boundaries, GMA Boundaries, Texas Counties, Major Aquifers, Minor Aquifers (selected), and Geologic Atlas of TX. The main map area shows Texas divided into numerous Groundwater Conservation Districts (GCDs), each represented by a unique color and pattern. Major cities and geographical features are labeled, including Dallas, Houston, San Antonio, Austin, Amarillo, Lubbock, and the Colorado Plateau. The 'half' logo is visible in the top right corner. At the bottom of the map, there is a search bar with the text 'Find address or place' and navigation controls for zooming in (+) and out (-).

www.texasgroundwater.org/gcd-index



Isolating Layers

The screenshot displays the TAGD GCD Index web application. On the left, a 'Layers' panel is highlighted with a red circle, showing a list of map layers: 'GCD Boundaries' (checked), 'GMA Boundaries', 'Texas Counties', 'Major Aquifers', 'Minor Aquifers', and 'Geologic Atlas of TX'. The main map area shows a geographical view of Texas and surrounding states, with various groundwater basins highlighted in different colors and patterns. The TAGD logo is in the top left, and the 'half' logo is in the top right. A search bar and navigation controls are visible at the bottom right of the map.

www.texasgroundwater.org/gcd-index



Layer – Texas Geologic Atlas

The screenshot displays the TAGD GCD Index web application. At the top left is the TAGD logo and a 'User Guide' button. The top center reads 'TAGD GCD Index' and the top right features the 'halff' logo. On the left side, a 'Layers' panel is highlighted with a red circle, containing the following options: GCD Boundaries, GMA Boundaries, Texas Counties, Major Aquifers, Minor Aquifers, and Geologic Atlas of TX. The main map area shows a detailed geologic and hydrogeologic map of Texas, with various colored regions representing different geological units and aquifers. Labels for cities like Lubbock, Abilene, Austin, and Houston are visible. A search bar at the bottom right contains the text 'Find address or place'. The bottom left corner shows a scale bar for 60 miles and coordinates: Lat/Lon 28.67106 -93.92340.

www.texasgroundwater.org/gcd-index



Search by Address

Layers

- GCD Boundaries
- GMA Boundaries
- Texas Counties
- Major Aquifers
- Minor Aquifers
- Geologic Atlas of TX

Find address or place

100 mi Lat/Lon 32.77313 -113.61857

www.texasgroundwater.org/gcd-index



District Details on Map

Layers

- GCD Boundaries
- GMA Boundaries
- Texas Counties
- Major Aquifers
- Minor Aquifers
- Geologic Atlas of TX

Groundwater Conservation District




GCD Name	Sandy Land UWCD
District Website	View
Main Contact	Amber Blount
Phone	806-456-2155
Mailing Address	PO Box 130
City	Plains
State	TX
PhysicalAddressIfDifferent	1012 Ave. F
GMA(s)	2
# of Counties	1
Counties Covered	Yoakum County

Find address or place

www.texasgroundwater.org/gcd-index



District Detail Page

  TAGD GCD Index 

[Back to Index](#)

Sandy Land UWCD

District Website:	https://www.sandylandwater.com
Contact:	Amber Blount 806-456-2155 amber@sandylandwater.com PO Box 130 Plains, TX 79355 Physical Address (if different): 1012 Ave. F
GMA(s):	2
Number Of Counties:	1
Counties Covered:	Yoakum County
Aquifers Permitted:	Ogallala Edwards-Trinity Dockum
GCD Population:	5 Thousand -10 Thousand
Community Type:	Rural
Largest Groundwater Use:	Agricultural
Enabling/Major Legislation* List not exhaustive; some previous legislation may have been superseded:	S.B. No. 1777, 71st Legislature, Regular Session
District codified at Special District Local Laws Code Chapter #:	Chapter 8882
Link to code chapter:	https://statutes.capitol.texas.gov/Docs/SD/htm/SD.8882.htm
Link to current enabling legislation:	http://www.lri.state.tx.us/LASDOCS/71R/SB1777/SB1777_71R.pdf?d=5046.555
Link to management plan OR instructions on where to find it:	https://www.sandylandwater.com/wp-content/uploads/2019/08/2019-SL-Management-Plan-with-Appendices.pdf

www.texasgroundwater.org/gcd-index



Basemaps

The screenshot displays the TAGD GCD Index web application. At the top left is the TAGD logo (Texas Alliance of Groundwater Districts) and a 'User Guide' button. At the top center is the title 'TAGD GCD Index', and at the top right is the 'half' logo. On the left side, there is a 'Layers' panel with the following options: GCD Boundaries, GMA Boundaries, Texas Counties, Major Aquifers, Minor Aquifers, and Geologic Atlas of TX. The main map area shows a map of Texas with various colored regions representing Groundwater Conservation Districts (GCDs). Major cities like Phoenix, Tucson, Juarez, San Antonio, Austin, Dallas, Houston, and Amarillo are labeled. A search bar at the bottom right contains the text 'Find address or place'. A scale bar indicates 100 miles, and the current coordinates are Lat/Lon 25.96052 -89.46058. A basemap selection menu is open on the right side of the map, showing options: Topographic, Imagery with Labels, Imagery, Light Gray Canvas, and Streets.

www.texasgroundwater.org/gcd-index



Basemaps


The screenshot displays the TAGD GCD Index web application interface. At the top left, the TAGD logo (Texas Alliance of Groundwater Districts) and a 'User Guide' button are visible. The main title 'TAGD GCD Index' is centered at the top, and the 'half' logo is at the top right. On the left side, a 'Layers' panel lists several map layers: GCD Boundaries, GMA Boundaries, Texas Counties, Major Aquifers, Minor Aquifers, and Geologic Atlas of TX. The central map shows Texas divided into numerous colored Groundwater Conservation District (GCD) boundaries. Major cities like Amarillo, Lubbock, Fort Worth, Dallas, Austin, San Antonio, and Houston are labeled. A search bar at the bottom right contains the text 'Find address or place'. A basemap selection menu is open on the right, showing options: Topographic, Imagery with Labels (selected), Imagery, Light Gray Canvas, and Streets. The map includes a scale bar for 100 miles and a coordinate box showing 'Lat/Lon 26.96633 -94.81767'.

www.texasgroundwater.org/gcd-index



Navigating the Table

District List



GCD Name ↑ ▼	District Website ▼	GMA(s) ▼	# of Counties ▼	Counties Covered ▼	Aquifers Permitted ▼
Q	Q	Q	Q	Q	Q
i Bandera County River Authority & Ground Water District	https://www.bcragd.org	9	1	Bandera County	
i Barton Springs/Edwards Aquifer CD	http://www.bseacd.org/	9, 10	3	southeastern Travis County, eastern Hays County (non-Ed...	Trinity Aquifer Edwards Aquifer Alluvial; Austin Cha
i Bee GCD	http://www.beegcd.com/	15, 16	1	Parts of Bee County	
i Blanco-Pedernales GCD	http://blancogw.org/	9	1	Blanco	Trinity Aquifer Allenburger Aquifer Hickory Aquifer I
i Bluebonnet GCD	http://www.bluebonnetgroundwate...	14	4	Austin, Grimes, Walker, Waller Counties	Gulf Coast & Crizio Wilcox & Queen City& Sparta 8
i Brazoria County GCD	https://www.bcggroundwater.org	14	1	Brazoria County	Gulf Coast
i Brazos Valley GCD	https://brazosvalleygcd.org/	12	2	Brazos & Robertson	Carrizo/Wilcox; Sparta; Queen City; Yegua-Jackso
i Brewster County GCD	https://westtexasgroundwater.com/	4	1	Brewster	
i Brush Country GCD	https://brushcountrygcd.com/	15, 16	4	All of Jim Hogg County, 73% of Brooks County, 93% of Ji...	
i Calhoun County GCD					

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www.texasgroundwater.org/gcd-index



Pages

District List

Search...

GCD Name ↑	District Website	GMA(s)	# of Counties	Counties Covered	Aquifers Permitted
Bandera County River Authority & Ground Water District	https://www.bcragd.org	9	1	Bandera County	
Barton Springs/Edwards Aquifer CD	http://www.bseacd.org/	9, 10	3	southeastern Travis County, eastern Hays County (non-Ed...	Trinity Aquifer Edwards Aquifer Alluvial; Austin Cha
Bee GCD	http://www.beegcd.com/	15, 16	1	Parts of Bee County	
Blanco-Pedernales GCD	http://blancogw.org/	9	1	Blanco	Trinity Aquifer Allenburger Aquifer Hickory Aquifer I
Bluebonnet GCD	http://www.bluebonnetgroundwate...	14	4	Austin, Grimes, Walker, Waller Counties	Gulf Coast & Crizio Wilcox & Queen City& Sparta 8
Brazoria County GCD	https://www.bcggroundwater.org	14	1	Brazoria County	Gulf Coast
Brazos Valley GCD	https://brazosvalleygcd.org/	12	2	Brazos & Robertson	Carrizo/Wilcox; Sparta; Queen City; Yegua-Jackso
Brewster County GCD	https://westtexasgroundwater.com/	4	1	Brewster	
Brush Country GCD	https://brushcountrygcd.com/	15, 16	4	All of Jim Hogg County, 73% of Brooks County, 93% of Ji...	
Calhoun County GCD					

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Search Bar and Scrolling

District List

GCD Name ↑	District Website	GMA(s)	# of Counties	Counties Covered	Aquifers Permitted
Bandera County River Authority & Ground Water District	https://www.bcragd.org	9	1	Bandera County	
Barton Springs/Edwards Aquifer CD	http://www.bseacd.org/	9, 10	3	southeastern Travis County, eastern Hays County (non-Ed...	Trinity Aquifer Edwards Aquifer Alluvial; Austin Cha
Bee GCD	http://www.beegcd.com/	15, 16	1	Parts of Bee County	
Blanco-Pedernales GCD	http://blancogw.org/	9	1	Blanco	Trinity Aquifer Allenburger Aquifer Hickory Aquifer I
Bluebonnet GCD	http://www.bluebonnetgroundwater...	14	4	Austin, Grimes, Walker, Waller Counties	Gulf Coast & Crizio Wilcox & Queen City& Sparta 8
Brazoria County GCD	https://www.bcggroundwater.org	14	1	Brazoria County	Gulf Coast
Brazos Valley GCD	https://brazosvalleygcd.org/	12	2	Brazos & Robertson	Carrizo/Wilcox; Sparta; Queen City; Yegua-Jackso
Brewster County GCD	https://westtexasgroundwater.com/	4	1	Brewster	
Brush Country GCD	https://brushcountrygcd.com/	15, 16	4	All of Jim Hogg County, 73% of Brooks County, 93% of Ji...	
Cain County GCD					

5 10 20 50


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www.texasgroundwater.org/gcd-index



Sorting

District List



GCD Name ↑	District Website	GMA(s)	# of Counties	Counties Covered	Aquifers Permitted
Q	Q	Q	Q	Q	Q
i Bandera County River Authority & Ground Water District	https://www.bcragd.org	9	1	Bandera County	
i Barton Springs/Edwards Aquifer CD	http://www.bseacd.org/	9, 10	3	southeastern Travis County, eastern Hays County (non-Ed...	Trinity Aquifer Edwards Aquifer Alluvial; Austin Cha
i Bee GCD	http://www.beegcd.com/	15, 16	1	Parts of Bee County	
i Blanco-Pedernales GCD	http://blancogw.org/	9	1	Blanco	Trinity Aquifer Allenburger Aquifer Hickory Aquifer I
i Bluebonnet GCD	http://www.bluebonnetgroundwate...	14	4	Austin, Grimes, Walker, Waller Counties	Gulf Coast & Crizio Wilcox & Queen City& Sparta 8
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i Brazos Valley GCD	https://brazosvalleygcd.org/	12	2	Brazos & Robertson	Carrizo/Wilcox; Sparta; Queen City; Yegua-Jackso
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i Calhoun County GCD					

5 **10** 20 50


Page 1 of 11 (101 items) **1** 2 3 4 5 ... 11

www.texasgroundwater.org/gcd-index



Sorting

District List



GCD Name ↓	District Website	GMA(s)	# of Counties	Counties Covered	Aquifers Permitted	GCD Population	Community Type
Q	Q	Q	Q	Q	Q	Q	Q
i Wintergarden GCD	wgcd.net	13	3	Dimmit, La Salle, Zavala	Carrizo, Wilcox	10 Thousand-50 Thousand	Rural
i Wes-Tex GCD	http://www.westexgcd.org/index.html	7	1	Nolan County	Blaine, Edwards-Trinity, Dockum	14993	City/Rural
i Victoria County GCD							
i Uvalde County UWCD	http://www.uvaldecountyuwcd.org	7, 19, 13	1	Uvalde		10 Thousand-50 Thousand	Rural
i Upper Trinity GCD	www.uppertrinitygcd.com	6, 8	4	Hood, Montague, Parker and Wise	Trinity and Crosstimbers	100 Thousand-500 Thousand	Suburban
i Trinity Glen Rose GCD	https://www.trinityglenrose.com/	9	3	Parts of Bexar, Kendall, and Comal Counties	Trinity Aquifer	100 Thousand-500 Thousand	Suburban
i Texana GCD							
i Terrell County GCD	https://www.facebook.com/Terrell-...	7	1	Terrell County, Texas		Less than 5 Thousand	Rural
i Sutton County UWCD	www.suttoncountyuwcd.org	7	1	Sutton		Less than 5 Thousand	Rural
i Sterling County UWCD	http://www.sterlinguwcd.org/index....	7	2	All of Sterling County and a very small portion of Tom Gree...		Less than 5 Thousand	Rural

5 **10** 20 50


Page 1 of 11 (101 items) **1** 2 3 4 5 ... 11

www.texasgroundwater.org/gcd-index



Filtering

District List



GCD Name ↑ ▼	District Website ▼	GMA(s) ▼	▼ # of Counties	Counties Covered ▼	Aquifers Permitted ▼
<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>
i Bandera County River Authority & Ground Water District	https://www.bcragd.org	9	1	Bandera County	
i Barton Springs/Edwards Aquifer CD	http://www.bseacd.org/	9, 10	3	southeastern Travis County, eastern Hays County (non-Ed...	Trinity Aquifer Edwards Aquifer Alluvial; Austin Cha
i Bee GCD	http://www.beegcd.com/	15, 16	1	Parts of Bee County	
i Blanco-Pedernales GCD	http://blancogw.org/	9	1	Blanco	Trinity Aquifer Allenburger Aquifer Hickory Aquifer I
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i Calhoun County GCD					

5 20 50

Page 1 of 11 (101 items) 2 3 4 5 ... 11

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Filtering

District List

Search...

GCD Name ↑	District Website	GMA(s)	# of Counties	Counties Covered	Aquifers Permitted
<input type="checkbox"/> Bandera County River Authority & Ground Water District	https://www.bcragd.org			Bandera County	
<input type="checkbox"/> Barton Springs/Edwards Aquifer CD	http://www.bseacd.org/			southeastern Travis County, eastern Hays County (non-Ed...	Trinity Aquifer Edwards Aquifer Alluvial; Austin Cha
<input type="checkbox"/> Bee GCD	http://www.beegcd.com/			Parts of Bee County	
<input type="checkbox"/> Blanco-Pedernales GCD	http://blancogw.org/			Blanco	Trinity Aquifer Allenburger Aquifer Hickory Aquifer I
<input type="checkbox"/> Bluebonnet GCD	http://www.bluebonnetgroundwat			Austin, Grimes, Walker, Waller Counties	Gulf Coast & Crizio Wilcox & Queen City& Sparta &
<input type="checkbox"/> Brazoria County GCD	https://www.bcggroundwater.org			Brazoria County	Gulf Coast
<input type="checkbox"/> Brazos Valley GCD	https://brazosvalleygcd.org/			Brazos & Robertson	Carrizo/Wilcox; Sparta; Queen City; Yegua-Jackso
<input type="checkbox"/> Brewster County GCD	https://westtexasgroundwater.cor			Brewster	
<input type="checkbox"/> Brush Country GCD	https://brushcountrygcd.com/			All of Jim Hogg County, 73% of Brooks County, 93% of Ji...	
<input type="checkbox"/> Calhoun County GCD					

5 10 20 50


Page 1 of 11 (101 items) 1 2 3 4 5 ... 11

Select All
 (Blanks)
 1
 2
 3
OK Cancel



Filtered Results

District List



GCD Name ↑ ▼	District Website ▼	GMA(s) ▼	# of Counties ▼	Counties Covered ▼	Aquifers Permitted ▼	GCD Population ▼
Q	Q	Q	Q	Q	Q	Q
i Bandera County River Authority & Ground Water District	https://www.bcragd.org	9	1	Bandera County		10 Thousand-50 Thousar
i Bee GCD	http://www.beegcd.com/	15, 16	1	Parts of Bee County		10,001-50,000
i Blanco-Pedernales GCD	http://blancogw.org/	9	1	Blanco	Trinity Aquifer Allenburger Aquifer Hickory Aquifer Marbel F...	10,001-50,000
i Brazoria County GCD	https://www.bcggroundwater.org	14	1	Brazoria County	Gulf Coast	100 Thousand-500 Thous
i Brewster County GCD	https://westtexasgroundwater.com/	4	1	Brewster		5 Thousand -10 Thousan
i Central Texas GCD	http://www.centraltexasgcd.org/	8	1	Burnet County	Trinity; Ellenburger-San Saba; Marble Falls; Hickory	10 Thousand-50 Thousar
i Clear Fork GCD	No website	6	1	Fisher County		Less than 5 Thousand
i Clearwater UWCD	https://cuwcd.org/	8	1	Bell	Trinity; Edwards BFZ	100 Thousand-500 Thous
i Coastal Bend GCD	http://www.cbgcd.com	15	1	Wharton County		10 Thousand-50 Thousar
i Coastal Plains GCD	https://coastalplainsgcd.com	15	1	Matagorda		10 Thousand-50 Thousar


5 **10** 20 50

Page 1 of 5 (49 items) **1** 2 3 4 5



Export Table

District List



GCD Name ↑ ▼	District Website ▼	GMA(s) ▼	# of Counties ▼	Counties Covered ▼	Aquifers Permitted ▼	GCD Population ▼
Q	Q	Q	Q	Q	Q	Q
i Bandera County River Authority & Ground Water District	https://www.bcragd.org	9	1	Bandera County		10 Thousand-50 Thousar
i Bee GCD	http://www.beegcd.com/	15, 16	1	Parts of Bee County		10,001-50,000
i Blanco-Pedernales GCD	http://blancogw.org/	9	1	Blanco	Trinity Aquifer Allenburger Aquifer Hickory Aquifer Marbel F...	10,001-50,000
i Brazoria County GCD	https://www.bcggroundwater.org	14	1	Brazoria County	Gulf Coast	100 Thousand-500 Thous
i Brewster County GCD	https://westtexasgroundwater.com/	4	1	Brewster		5 Thousand -10 Thousan
i Central Texas GCD	http://www.centraltexasgcd.org/	8	1	Burnet County	Trinity; Ellenburger-San Saba; Marble Falls; Hickory	10 Thousand-50 Thousar
i Clear Fork GCD	No website	6	1	Fisher County		Less than 5 Thousand
i Clearwater UWCD	https://cuwcd.org/	8	1	Bell	Trinity; Edwards BFZ	100 Thousand-500 Thous
i Coastal Bend GCD	http://www.cbgcd.com	15	1	Wharton County		10 Thousand-50 Thousar
i Coastal Plains GCD	https://coastalplainsgcd.com	15	1	Matagorda		10 Thousand-50 Thousar

5 **10** 20 50

Page 1 of 5 (49 items) **1** 2 3 4 5

www.texasgroundwater.org/gcd-index



Exported File

Exported (4)

Home Insert Draw Page Layout Formulas Data Review View Developer Acrobat

Calibri 11

General

Wrap Text Merge & Center

Conditional Formatting Format as Table Cell Styles

Insert Delete Format

Sort & Filter Find & Select

Create PDF and share link

A1 fx GCD Name

	A	B	C	D	E	F	G	
	GCD Name	District Website	GMA(s)	# of Counties	Counties Covered	Aquifers Permitted	GCD Population	Comm
2	Bandera County River Authority & Ground Water District	https://www.bcragd.org	9	1	Bandera County		10 Thousand-50 Thousand	Rural
3	Bee GCD	http://www.beegcd.com/	15, 16	1	Parts of Bee County		10,001-50,000	Rural
4	Blanco-Pedernales GCD	http://blancogw.org/	9	1	Blanco	Trinity Aquifer Allenburger Aquifer Hickory Aquifer Marbel Falls Aquifer	10,001-50,000	Rural
5	Brazoria County GCD	https://www.bcgroundwater.org	14	1	Brazoria County	Gulf Coast	100 Thousand-500 Thousand	Suburban
6	Brewster County GCD	https://westexasgroundwater.com/	4	1	Brewster		5 Thousand -10 Thousand	Rural
7	Central Texas GCD	http://www.centraltexasgcd.org/	8	1	Burnet County	Trinity; Ellenburger-San Saba; Marble Falls; Hickory	10 Thousand-50 Thousand	Rural
8	Clear Fork GCD	No website	6	1	Fisher County		Less than 5 Thousand	Rural
9	Clearwater UWCD	https://cuwcd.org/	8	1	Bell	Trinity; Edwards BFZ	100 Thousand-500 Thousand	Suburban
10	Coastal Bend GCD	http://www.cbgcd.com	15	1	Wharton County		10 Thousand-50 Thousand	Rural
11	Coastal Plains GCD	https://coastalplainsgcd.com	15	1	Matagorda		10 Thousand-50 Thousand	Rural
12	Coke County UWCD	No website	7	1	Coke		Less than 5 Thousand	Rural
13	Colorado County GCD	http://www.ccgcd.net	15	1	Colorado County		10 Thousand-50 Thousand	Rural
14	Comal Trinity GCD	https://www.comaltrinitygcd.com	9, 10	1	Comal (excluding portions of	Fair Oaks Ranch covered by Trinity Glen Rose GCD)	100 Thousand-500 Thousand	Suburban
15	Cow Creek GCD	https://www.ccgcd.org	9	1	Kendall County	Edwards-Trinity (Plateau) Trinity Aquifer Elinberger (DFC, No current wells)	10 Thousand-50 Thousand	Suburban
16	Crockett County GCD	www.crockettcountygcd.com	7	1	Crockett		Less than 5 Thousand	Rural
17	Culberson County GCD	https://www.ccgwcd.org/	4	1	Culberson		Less than 5 Thousand	Rural
18	Duval County GCD	http://duvalgcd.com/	16	1	Duval		10,001-50,000	Rural
19	Fayette County GCD	https://www.fayettecountygroundwater.com/	12, 15	1	Fayette	Gulf Coast, Yeauga-Jackson, Spart, Queen City, Corizio-Wilcox, Colorado All	10 Thousand-50 Thousand	Rural
20	Guadalupe County GCD	http://gcgcd.org/index.html	13	1	portion of Guadalupe County	Carrizo, Wilcox	10 Thousand-50 Thousand	Suburban
21	Hays Trinity GCD	http://haysgroundwater.com/	9	1	Western Hays County	Trinity Aquifer	10 Thousand-50 Thousand	Rural
22	Headwaters GCD	www.hgcd.org	9	1	Kerr County	Edwards Group of Edwards-Trinity (Plateau); Middle Trinity Aquifer; Lower T	10 Thousand-50 Thousand	Rural
23	Hemphill County UWCD	http://www.hemphilluwcd.org	1	1	All of Hemphill County		Less than 5 Thousand	Rural
24	Hill Country UWCD	www.hcuwcd.org	7	1	Gillespie County	Edwards, Trinity, Ellenberger and Hickory	10 Thousand-50 Thousand	Rural
25	Hudspeth County UWCD No. 1	No website	4	1	Hudspeth		Less than 5 Thousand	Rural
26	Jeff Davis County UWCD	No website	4	1	Jeff Davis	Igneous, West Texas Bolsons, Edwards-Trinity Plateau, Pecos Vally Aquifer, Ca	Less than 5 Thousand	Rural
27	Kinney County GCD	kinneycountygcd.org	7, 10	1	Kinney		Less than 5 Thousand	Rural
28	Live Oak UWCD	http://www.louwcd.org/	16	1	All of Live Oak County		10,001-50,000	Rural
29	Llano Estacado UWCD	http://www.llanoestacadouwcd.org	2	1	Gaines County	Ogallala Edwards-Trinity Dockum	5 Thousand -10 Thousand	
30	Lone Star GCD	https://www.lonestargcd.org/	14	1	Montgomery	Gulf Coast	500 Thousand-1 Million	Suburban
31	Lone Wolf GCD	www.lonewolfgcd.org	7	1	Mitchell		5 Thousand -10 Thousand	Rural
32	McMullen GCD	http://www.mcmullengcd.org/	13, 16	1	All of McMullen County		Less than 10,000	Rural
33	Mesa UWCD	www.mesauwcd.org	2	1	Dawson County	Ogallala Edwards-Trinity	10 Thousand-50 Thousand	Suburban

TAGD GCD Index

Ready Accessibility: Good to go 100%

www.texasgroundwater.org/gcd-index



Use Case #1



Realtor with client looking for property in North Texas, researching what barriers exist for developing the raw land options.

Spacing requirements

Income source

Abandoned well funding

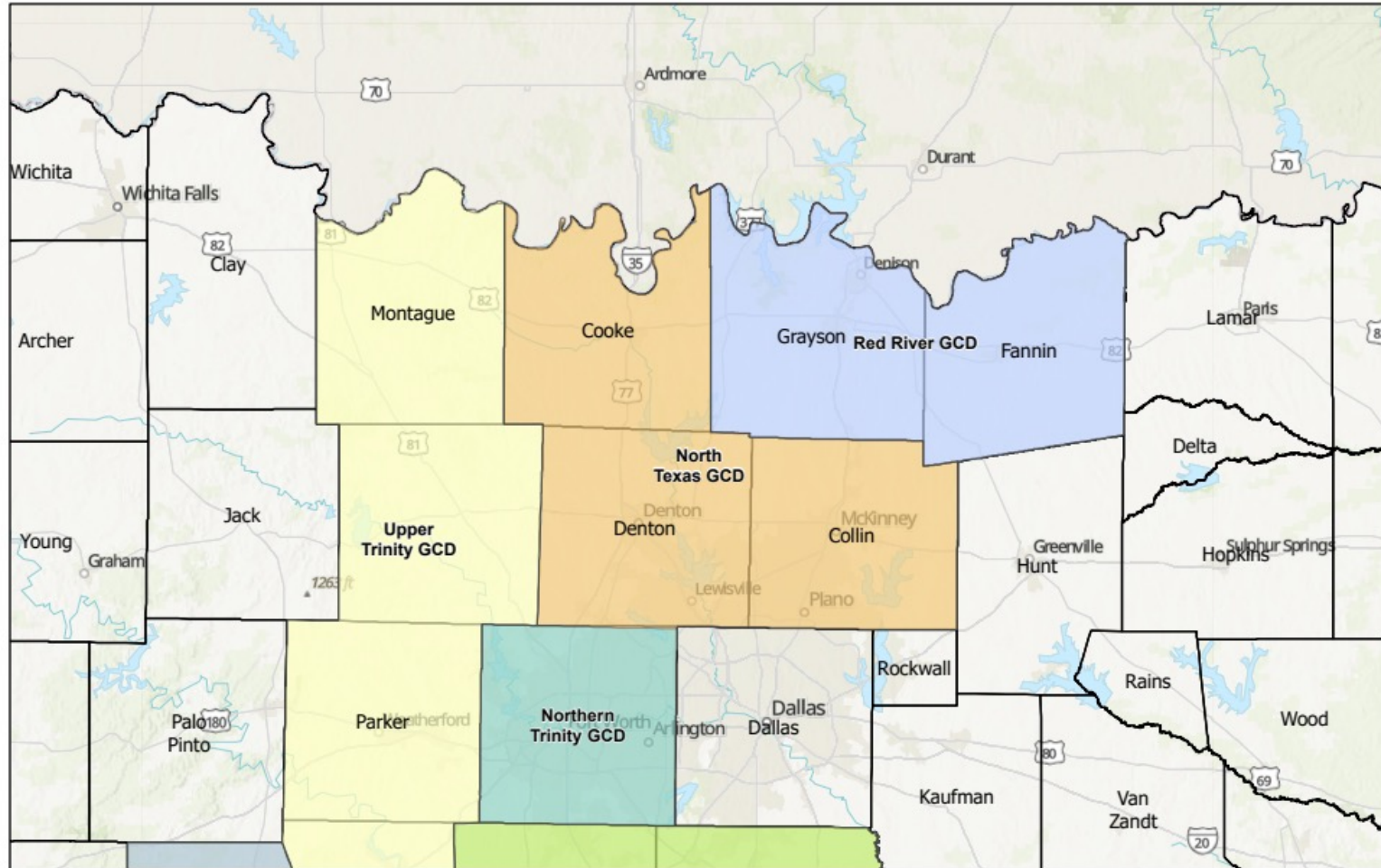


Print Feature

The screenshot displays the TAGD GCD Index web application interface. At the top left is the TAGD logo (Texas Alliance of Groundwater Districts) and a 'User Guide' button. The main title is 'TAGD GCD Index' and the logo for 'halff' is in the top right. On the left, a 'Layers' panel lists: GCD Boundaries, GMA Boundaries, Texas Counties, Major Aquifers, Minor Aquifers, and Geologic Atlas of TX. The main map area shows several Groundwater Conservation Districts (GCDs) highlighted in different colors: Montague (yellow), Cooke (orange), Grayson (blue), Red River GCD (blue), Fannin (blue), North Texas GCD (orange), Wise (yellow), Northern-Trinity GCD (teal), and others. An 'Export' dialog box is open over the map, with the following options: 'Layout' and 'Map only' (selected), 'Title' (GCDs for Client), 'Page setup' (Letter ANSI A landscape), 'File format' (PDF), and an 'Export' button. Below the dialog, it says 'Exported files' and 'Your exported files will appear here.' The map includes a scale bar (20 mi), a coordinate display (Lat/Lon 33.88064 -98.64982), and a search bar at the bottom right.

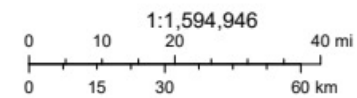


GCDs for Client



1/4/2024

- GCD Boundaries
- Middle Trinity GCD
- North Texas GCD
- Northern Trinity GCD
- Prairielands GCD
- Red River GCD
- Upper Trinity GCD
- Texas Counties



Esri, CGIAR, USGS, Texas Parks & Wildlife, Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS



Use Case #2



District looking to change their spacing rules and wondering how other districts structure theirs.

Spacing requirements

Link to district rules

Contact info



Use Case #3



Legislative staff considering bill to modify Open Meetings Act provisions for >4 counties

>4 counties

Has newsletter

Contact info



Use Case #4



State agencies doing outreach to GCDs about funding available

Meter requirements

Abandoned well funding

Springs

Fee based



On the Horizon

- Data update
 - FY22 data
 - Every other year
- Improvements to user interface
- Continue to build visitation
 - Over 3,500 hits in 2023
 - Spreading the word





TAGD

TEXAS ALLIANCE OF
GROUNDWATER DISTRICTS

Any questions?

www.texasgroundwater.org/gcd-index

Julia Stanford • julia@texasgroundwater.org

