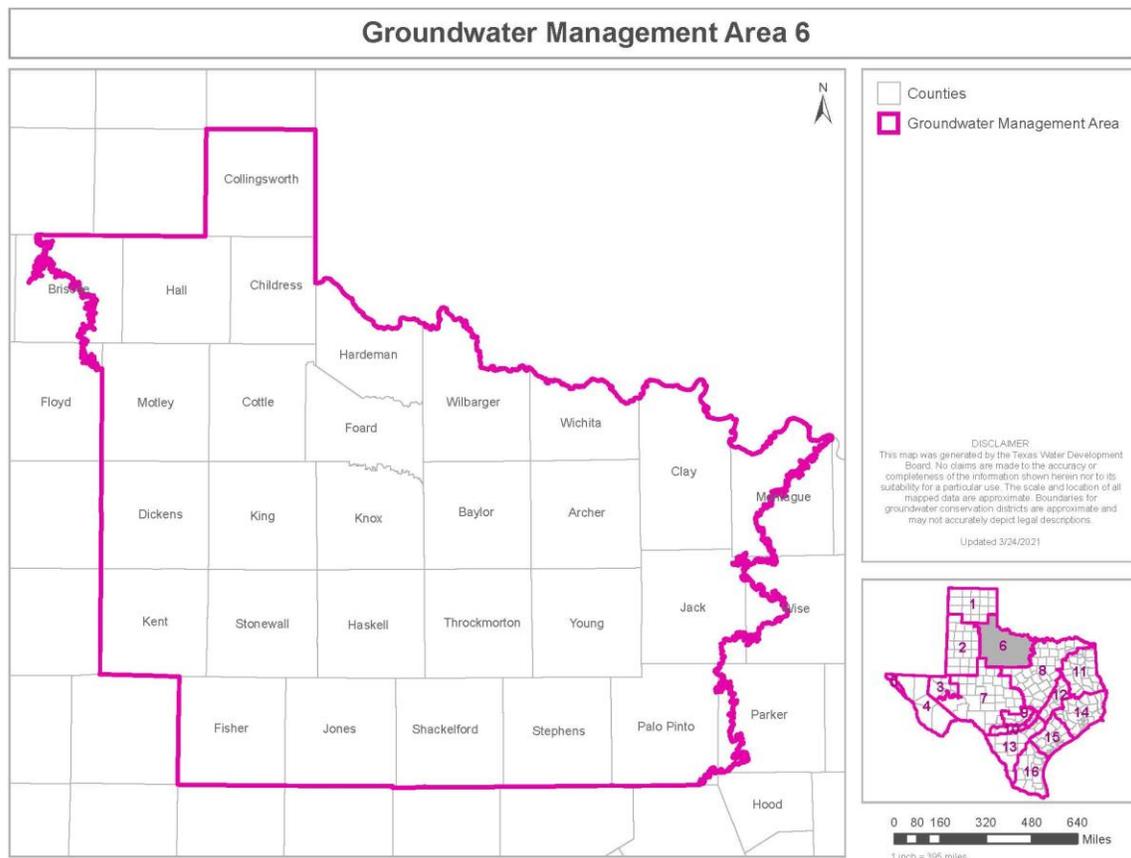
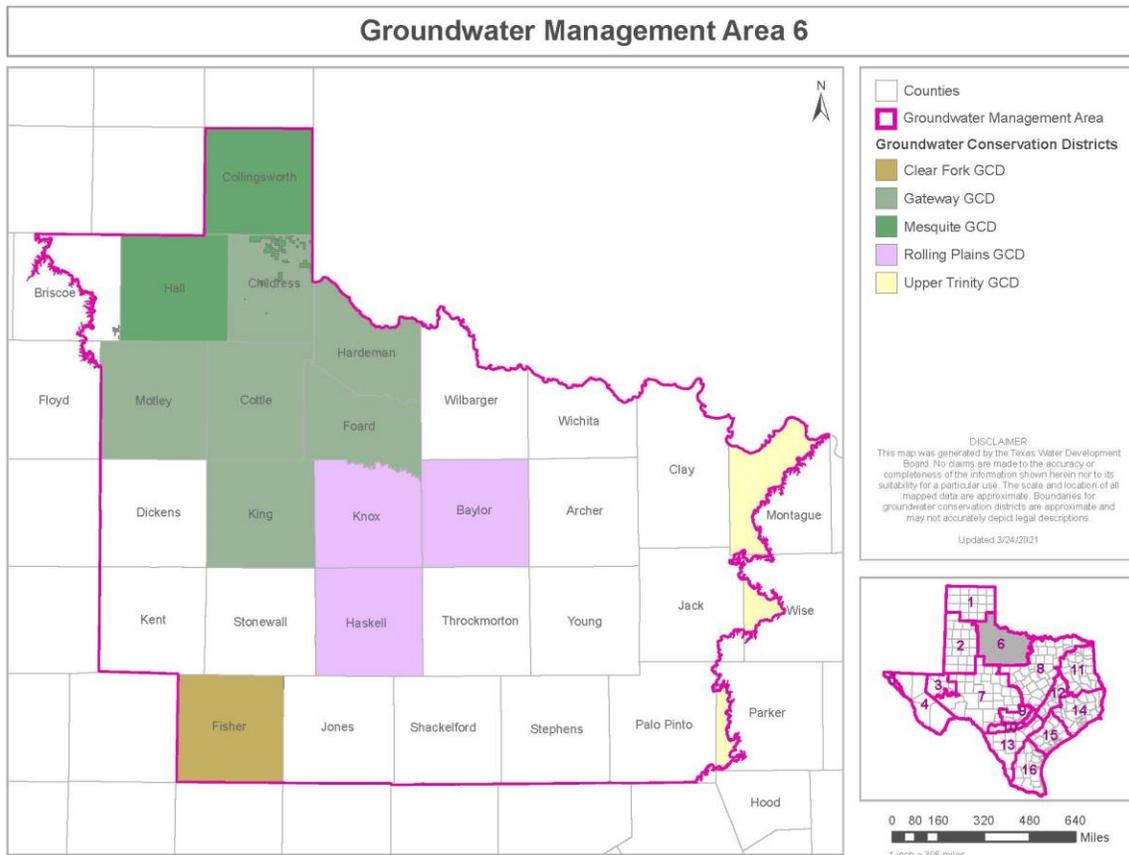


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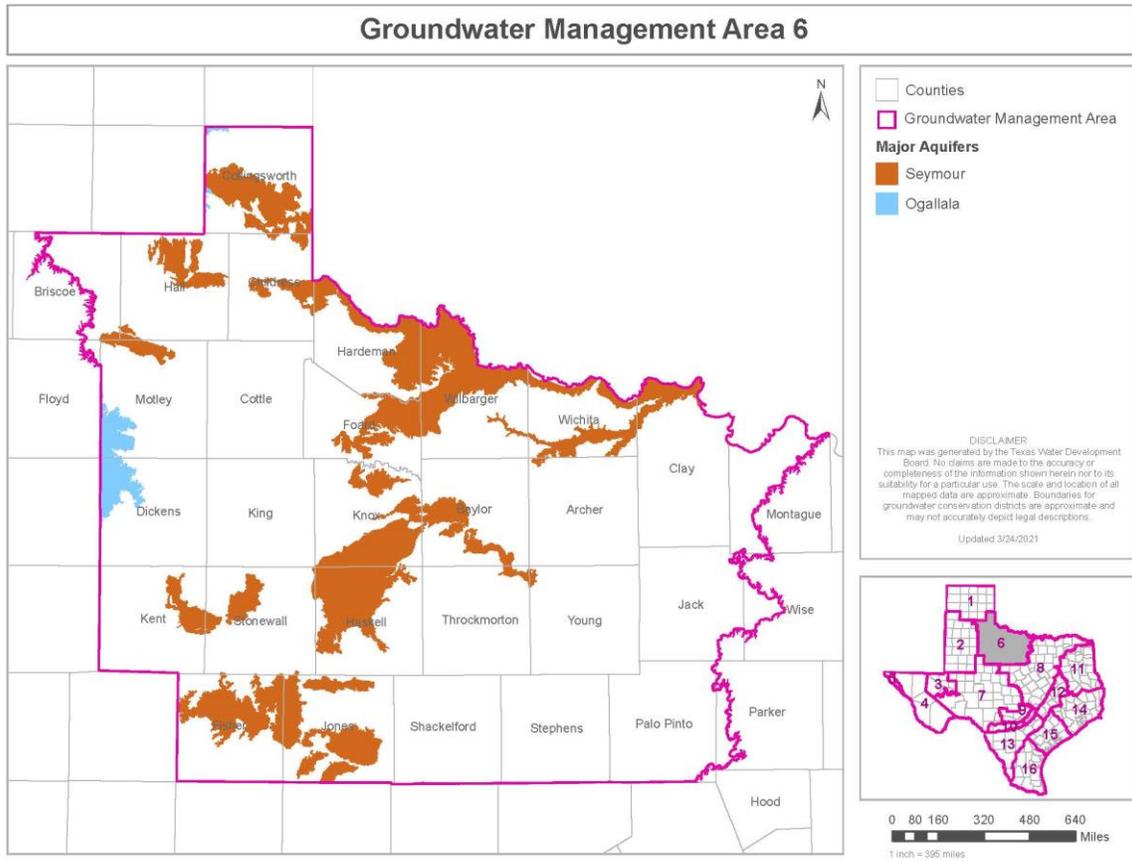
Groundwater Management Area 6

April 20, 2021

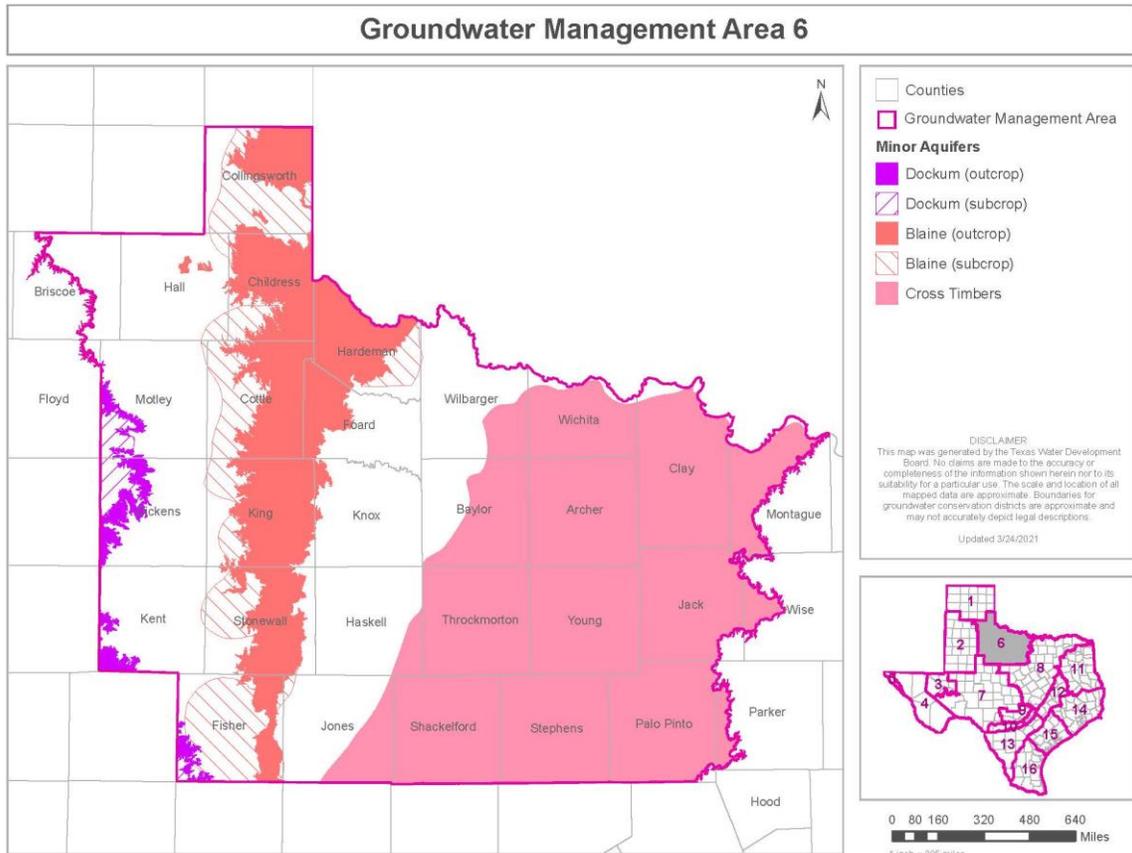




GMA 6 covers all or parts of 30 counties in north central Texas as shown in the map on the cover page. There are 5 groundwater conservation districts in this GMA, as shown above. This area varies widely from east to west. The eastern parts of the area are mainly served by surface water, are more urban, and have very little groundwater supplies. The western parts of the area are mainly served by groundwater, are more rural, and depend on groundwater for their water supplies. A unique factor in GMA 6 is that three of the aquifers, the Blaine, Cross Timbers and Seymour, are discontinuous. The Blaine has discontinuous solution cavities and channels, the Seymour has geographically isolated pods of sand and gravel, and the Cross Timbers is typically discontinuous within sandstone layers. This allows smaller areas of each aquifer to be produced and managed independently without effect on the neighboring producers.



GMA 6 Major Aquifers (From TWDB)



GMA 6 Minor Aquifers (From TWDB)

Aquifer Descriptions

Blaine Aquifer

The Blaine Aquifer is a minor aquifer located at the east end of the High Plains in North Texas. The aquifer is part of the Permian Blaine Formation, which is composed of red silty shale, gypsum, anhydrite, salt, and dolomite. The formation consists of cycles of marine and nonmarine sediments deposited in a broad, shallow sea that once covered the southwestern United States. Saturated thickness reaches 300 feet in the aquifer, but freshwater saturated thickness averages 137 feet. Groundwater occurs primarily in solution channels and caverns within the beds of anhydrite and gypsum that contribute to the overall poor quality of the water. Although some wells contain slightly saline water, with total dissolved solids between 1,000 and 3,000 milligrams per liter, most contain moderately saline water, with total dissolved solids between 3,000 and 10,000 milligrams per liter, exceeding secondary drinking water standards for Texas. Sulfate values are also well in excess of the secondary drinking water standard of 300 milligrams per liter. Water from the Blaine Aquifer is used for livestock and for irrigation of crops that are highly tolerant of salt. – Taken from TWDB Report R380 “Aquifers of Texas”.

Cross Timbers Aquifer

The Cross timbers Aquifer was designated as a minor Aquifer by the Texas Water Development Board in 2017. It consists of formations within four Paleozoic-age water bearing geologic groups including, from oldest to youngest, the Strawn (Middle Pennsylvanian), Canyon (Upper Pennsylvanian), Cisco (Upper Pennsylvanian), and Wichita (Lower Permian) groups. The outcrop area of the Aquifer covers about 11,800 square miles extending from the Red River southward to the Colorado River, covering all or part of 31 counties. The geologic formations of the Cross timbers aquifer primarily consist of limestone, shale and sandstone. The rocks occur in layers and lenses, reflecting riverine and deltaic depositional environments. Formations in most of the area are exposed at the land surface (outcrop areas) and generally dip to the west. The formations in the northern portion of the aquifer dip to the north and east, particularly where the formations are covered by the younger trinity Aquifer formations. Groundwater in the Cross Timbers Aquifer occurs under mostly water-table (unconfined) conditions and is typically discontinuous within sandstone layers. Overall, groundwater resides in a shallow flow system that is susceptible to water level changes due to variable recharge and discharge. The geometry and aquifer properties of water-bearing strata vary widely and contribute to variability in well yields. Groundwater quality ranges from fresh to brackish. About 75 percent of the identified wells in the Cross timbers Aquifer are domestic wells and about 20 percent are stock wells. The TWDB has identified fifty-one public supply wells that obtain their water from this aquifer. --Extracted from: Groundwater Conditions in the Cross Timbers Aquifer; Ballew, Natalie and Lawrence N French, P.G.; Texas Water Development Board; September 2019.

Dockum Aquifer

The Dockum Aquifer is a minor aquifer found in the northwest part of the state. It is defined stratigraphically by the Dockum Group and includes, from oldest to youngest, the Santa Rosa Formation, the Tecovas Formation, the Trujillo Sandstone, and the Cooper Canyon Formation. The Dockum Group consists of gravel, sandstone, siltstone, mudstone, shale, and conglomerate. Groundwater located in the

sandstone and conglomerate units is recoverable, the highest yields coming from the coarsest grained deposits located at the middle and base of the group. Typically, the water-bearing sandstones are locally referred to as the Santa Rosa Aquifer. The water quality in the aquifer is generally poor—with freshwater in outcrop areas in the east and brine in the western subsurface portions of the aquifer—and the water is very hard. Naturally occurring radioactivity from uranium present within the aquifer has resulted in gross alpha radiation in excess of the state’s primary drinking water standard. Radium-226 and -228 also occur in amounts above acceptable standards. Groundwater from the aquifer is used for irrigation, municipal water supply, and oil field waterflooding operations, particularly in the southern High Plains. – Taken from TWDB Report R380 “Aquifers of Texas”.

Ogallala Aquifer

The Ogallala Aquifer is the largest aquifer in the United States and is a major aquifer of Texas underlying much of the High Plains region. The aquifer consists of sand, gravel, clay, and silt and has a maximum thickness of 800 feet. Freshwater saturated thickness averages 95 feet. Water to the north of the Canadian River is generally fresh, with total dissolved solids typically less than 400 milligrams per liter; however, water quality diminishes to the south, where large areas contain total dissolved solids in excess of 1,000 milligrams per liter. High levels of naturally occurring arsenic, radionuclides, and fluoride in excess of the primary drinking water standards are also present. The Ogallala Aquifer provides significantly more water for users than any other aquifer in the state. The availability of this water is critical to the economy of the region, as approximately 95 percent of groundwater pumped is used for irrigated agriculture. – Taken from TWDB Report R380 “Aquifers of Texas”.

Seymour Aquifer

The Seymour Aquifer is a major aquifer extending across northcentral Texas. The aquifer consists of Quaternary-age, alluvial sediments unconformably overlying Permian-age rocks. Water is contained in isolated patches of alluvium as much as 360 feet thick composed of discontinuous beds of poorly sorted gravel, conglomerate, sand, and silty clay. Water ranges from fresh to slightly saline, containing from approximately 100 to 3,000 milligrams per liter of total dissolved solids; however, moderately to very saline water, containing 3,000 to more than 10,000 milligrams per liter of total dissolved solids, exists in localized areas. Throughout its extent, the aquifer is affected by nitrate in excess of primary drinking water standards. Excess chloride also occurs throughout the aquifer. Almost all of the groundwater pumped from the aquifer—90 percent—is used for irrigation, with the remainder used primarily for municipal supply. – Taken from TWDB Report R380 “Aquifers of Texas”.

Section 1 – Desired Future Conditions

GMA 6 used several methods to set the DFC. The Blaine and Seymour Aquifers DFC were set using the modeled values and the previous DFC with the exception of Collingsworth and Hall Counties. These counties were set using their actual average drawdown as calculated from water level measurements because of the age of the model and the irrigation development since the model was created. This is addressed more fully in the technical justifications section. The Dockum Aquifer DFC was set using the information modeled in GMA 2 and GMA 7 adjacent to GMA 6. The Ogallala Aquifer DFC was set using the information modeled in GMA 2 which holds the majority of the Ogallala Aquifer adjacent to GMA 6. The map named “Seymour Pod Numbers” shows the location of the Seymour Aquifer Pods. The table after below shows the Desired Future conditions.

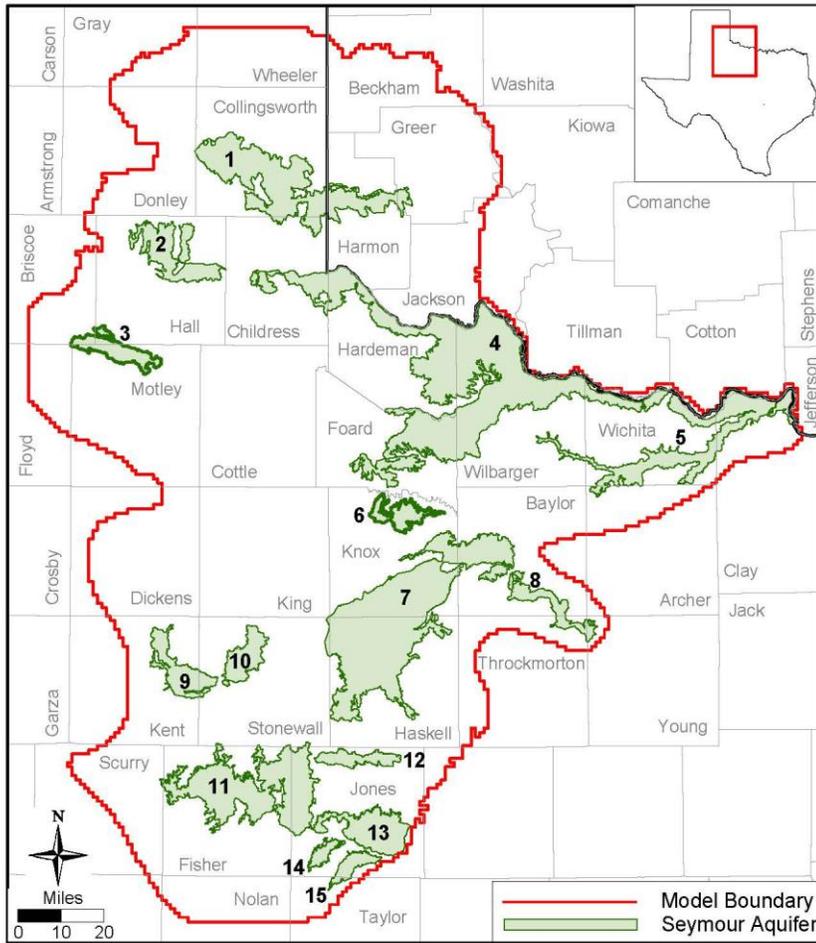


Figure 4.1.1 Pods of the Seymour aquifer.

GMA 6 Seymour Aquifers Pod Numbers (From TWDB Final Model Report)

| AQUIFER | POD | COUNTY / COUNTIES | Proposed DFC |
|--------------------------|------------|----------------------------------|---|
| BLAINE | | Childress - N of Red River | 9 ft decline from 2010 - 2080 |
| | | Childress - S of Red River | 2 ft decline from 2010 - 2080 |
| | | Collingsworth | 9 ft decline from 2010 - 2080 |
| | | Cottle | 2 ft decline from 2010 - 2080 |
| | | Fisher | 4 ft decline from 2010 - 2080 |
| | | Foard | 2 ft decline from 2010 - 2080 |
| | | Hall | 9 ft decline from 2010 - 2080 |
| | | Hardeman | 2 ft decline from 2010 - 2080 |
| | | King | 7 ft decline from 2010 - 2080 |
| | | Stonewall | Not Relevant |
| DOCKUM | | Dickens | Not Relevant |
| | | Fisher | Not Relevant |
| | | Kent | Not Relevant |
| | | Motley | 10 ft decline from 2012 - 2080 (GMA 2) |
| OGALLALA | | Collingsworth | Not Relevant |
| | | Dickens | Not Relevant |
| | | Motley | 17 ft decline from 2012 - 2080 (GMA 2) |
| SEYMOUR | 1 | Childress, Collingsworth | 33 ft decline from 2010 - 2080 |
| | 2 | Hall | 15 ft decline from 2010 - 2080 |
| | 3 | Briscoe, Hall, Motley | 15 ft decline from 2010 - 2080 |
| | 4 | Childress, Foard, Hardeman | 1 ft decline from 2010 - 2080 |
| | 4 | Wichita, Wilbarger | Not Relevant |
| | 5 | Archer, Clay, Wichita, Wilbarger | Not Relevant |
| | 6 (new GR) | Knox | 18 ft decline from 2010 - 2080 |
| | 7 (new GR) | Baylor, Haskell, Knox | 18 ft decline from 2010 - 2080 |
| | 7 | Stonewall | Not Relevant |
| | 8 (new GR) | Baylor | 18 ft decline from 2010 - 2080 |
| | 8 | Throckmorton, Young | Not Relevant |
| | 9 | Kent, Stonewall | Not Relevant |
| | 10 | Kent, Stonewall | Not Relevant |
| | 11 | Fisher | 1 ft decline from 2010 - 2080 |
| | 11 | Jones, Stonewall | Not Relevant |
| 12 | Jones | Not Relevant | |
| 13 | Jones | Not Relevant | |
| 14 | Jones | Not Relevant | |
| CROSS TIMBERS | 15 | Jones | Not Relevant |
| | | 15 Counties | Not Relevant |

Section 2 – Policy and Technical Justifications

Policy Justifications

Texas Water Code Chapter 36.108(d) states: Not later than September 1, 2010, and every five years thereafter, the districts shall consider groundwater availability models and other data or information for the management area and shall propose for adoption desired future conditions for the relevant aquifers within the management area. Before voting on the proposed desired future conditions of the aquifers under Subsection (d-2), the districts shall consider:

- (1) aquifer uses or conditions within the management area, including conditions that differ substantially from one geographic area to another;
- (2) the water supply needs and water management strategies included in the state water plan;
- (3) hydrological conditions, including for each aquifer in the management area the total estimated recoverable storage as provided by the executive administrator, and the average annual recharge, inflows, and discharge;
- (4) other environmental impacts, including impacts on spring flow and other interactions between groundwater and surface water;
- (5) the impact on subsidence;
- (6) socioeconomic impacts reasonably expected to occur;
- (7) the impact on the interests and rights in private property, including ownership and the rights of management area landowners and their lessees and assigns in groundwater as recognized under Section 36.002;
- (8) the feasibility of achieving the desired future condition; and
- (9) any other information relevant to the specific desired future conditions.

The desired future condition provides a balance between the highest practicable level of groundwater production and the conservation, preservation, protection, recharging, and prevention of waste of groundwater in GMA 6.

The policy in GMA 6 is to set the DFC for the slivers of aquifers to align with the DFC set in the GMA that contains the majority of the aquifers, or to declare the slivers non-relevant in areas with very little groundwater supply. In GMA 6, this includes the Ogallala and Dockum Aquifers in Motley County, which has an adopted DFC to match the rest of those aquifers in GMA 2; and the Ogallala Aquifer in Collingsworth County, which the Mesquite GCD does not believe is saturated, and is a very small area, which GMA 6 is declaring non-relevant for the purposes of joint planning.

In areas where there is an aquifer but no groundwater district, the policy in GMA 6 is to declare the aquifer non-relevant for the purposes of joint planning. GMA 6 recognizes that there is no groundwater conservation district with authority or funding to measure, monitor, or manage the aquifer to meet the DFC. GMA 6 also recognizes that Wilbarger County has previously failed to confirm a groundwater conservation district in an election and an existing groundwater conservation district in Kent County disbanded. In GMA 6 only all or parts of 15 of 30 counties have groundwater conservation districts. Also, portions of GMA 6 have neither major nor minor aquifers present, and no representative from any area with an aquifer declared non-relevant ever attended a GMA 6 meeting. If a GCD were created in any of

these areas, GMA 6 would recommend that District consider the values in the attached “GAM Run Values” excel file as their proposed DFC.

Technical Justifications

The models used to develop and check feasibility of the DFC in GMA 6 include GR 08-044 for the Seymour and Blaine Aquifers and the updated Seymour and Blaine model in Baylor, Haskell, and Knox Counties GR 14-009. The original model that covers most of GMA 6 is old, developed in 2008, and the pumping data in this model is even older, ending in 1999. GMA 6 wanted to stick as closely to the approved model as possible, but because of the age of the model data also took the member districts water level measurement data into consideration when proposing and adopting a DFC. This was especially the case in Collingsworth and Hall Counties because of increased irrigation development since 1999. The increase in pumping in Collingsworth and Hall Counties described in Aquifer Uses and Conditions led to more drawdown than predicted by the model in those counties according to an analysis of water level measurements. Because of this discrepancy between the modeled drawdown and actual measured drawdown, the GMA chose to use an analysis of actual measured drawdowns when setting the DFC values in those counties.

The DFC for the Ogallala and Dockum Aquifers in Motley County follow the technical recommendations of GMA 2 as reported in Scenario 19, Technical Memorandum 20-01 (Hutchison).

The Dockum aquifer in Fisher county follows the adopted policy of the GMA 7 counties immediately adjacent and was declared not relevant. GMA 7 declared the Dockum in Nolan, Mitchell and Scurry counties, bordering Fisher county, Not Relevant for Joint planning. GMA 7 found the model to be unreliable in Nolan and Mitchell counties, which are adjacent to Fisher county.

Section 3 - Factors Considered

GMA 6 considered the 9 factors listed in Chapter 36.108(d) before proposing a DFC. The DFC was evaluated for the effect it would have on each factor. Following is a description of the individual considerations:

Aquifer Uses and Conditions

GMA 6 aquifer uses and conditions were considered at several meetings during the last planning period. The aquifers in GMA 6 are used almost exclusively for agriculture and municipalities according to the five Regional Water Plans. In most areas in GMA 6, the pumping in the Blaine and Seymour aquifers has not increased since the development of the original model GR 08-044, nor since the refined model GR 14-009 in Baylor, Haskell, and Knox Counties in 2014. The exception to this in Collingsworth and Hall Counties. Both of these counties have had some increase in irrigation since the model was developed. This was referenced in Table 2-1 of the 2011 Region A water plan, which showed an increase of 14,793 irrigated acres in Collingsworth County, and 2,211 irrigated acres in Hall County. The older Region A Water Plan was used in this instance to show the increase in irrigated acres since the 1999 pumping information used in the model.

Other aquifers in this GMA, including the Dockum, Ogallala, are very localized, and used mostly for domestic and livestock, if at all. The exceptions to this is a small amount of irrigation in the Dockum Aquifer in Fisher County.

Water Supply Needs and Water Management Strategies

Water supply needs and management strategies were considered by the 5 regional planning groups with counties in GMA 6, which include Regions A, B, C, G, and O. The member districts of GMA 6 have a representative on the board of the associated Regional Planning Groups. These districts have been very active and involved in developing the water supply needs and water management strategies for these plans. Many discussions of the water needs and strategies have taken place at GMA 6 meetings with the informed representatives on those Regional Planning Groups bringing information to the GMA meetings. Each of the Regional Water Plans is attached, and a brief summary of the needs and strategies from the counties in each of those plans is below.

Region A – Collingsworth and Hall Counties. Collingsworth County is showing an unmet municipal need for the City of Wellington, and Hall County is showing an unmet County-Other need for the city of Lakeview in Table 11-7 of Region A’s plan. The strategies for addressing these needs are in Table 11-8, and include municipal conservation, expanded use of RO treatment of brackish groundwater, and developing new Seymour Aquifer wells.

Region B – Archer, Baylor, Clay, Cottle, Foard, Hardeman, King, Wichita, Wilbarger, and the City of Olney in Young County. This Region is primarily surface water based, although there is some irrigation using the Blaine or Seymour Aquifers in Baylor, Clay, Foard, Hardeman, Wichita and Wilbarger Counties. Wilbarger has the most groundwater availability at 4,600 acre-feet per year according to Table 3-5 in Region B’s plan. Baylor, Hardeman, and Wilbarger Counties are projected to have unmet groundwater supplied irrigation needs for at least part of the plan’s timeframe, and Wilbarger County shows an unmet groundwater supplied municipal need by 2040. The primary strategy to address these shortages is water conservation.

Region C – Jack County. This county is primarily supplied by surface water, and all their needs and strategies deal with surface water. In addition, there is no groundwater conservation district to monitor, evaluate, or manage the groundwater supplies in this county.

Region G – Fisher, Haskell, Jones, Kent, Knox, Palo Pinto, Shackelford, Stephens, Stonewall, Throckmorton, and Young (except the City of Olney) Counties. This Region is primarily surface water dependent, and shows many surface water needs. The groundwater supplied needs are as follows: Fisher County manufacturing, Haskell, Knox, Jones and Stephens Counties irrigation, and Kent County municipal. The strategies to meet these needs are conservation, and developing new supplies, whether they be groundwater or surface water. The City of Jayton in Kent County also has a strategy of developing a new water treatment facility, as their current facility has a low daily load limit and so is the bottleneck to their supply. There are also some needs that do not currently have groundwater supply, but one of the strategies for meeting these needs is to develop groundwater supply. The needs and strategies for all of these counties can be found in Chapter 5 of the Region G water plan.

Region O – Briscoe off of the caprock, Dickens, Floyd off of the caprock, and Motley Counties. Dickens and Motley Counties are showing unmet Ogallala or Dockum Aquifer supplied needs in Table 4-2 of the

Region O plan. Table 5-2 contains the strategies to meet those needs. The strategies include conservation for irrigation and municipal shortages, and in addition, recommends a strategy of developing a new groundwater supply for the City of Dickens.

Hydrologic Conditions

GMA 6 considered the total estimated recoverable storage, average annual recharge, inflows, outflows, and discharge prior to proposing a DFC. This information is available from a variety of sources, including the TERS report 13-029 for GMA 6, GAM run 14-007 for the development of Clear Fork GCD's management plan, GAM run 13-017 for the development of Mesquite GCD's management plan, GAM run 10-21 for the development of Rolling Plains GCD's management plan, and GAM run 10-07 for the development of Gateway GCD's management plan. The information used is attached and compiled in the excel file named "Hydro Condition Chart."

Other Environmental Impacts

GMA 6 considered how spring flow might be affected by the DFC. Spring flow in Dickens and Motley Counties comes from the contact at the base of the Ogallala and Dockum Aquifers. The discharge in these springs will only be influenced by pumping outside of GMA 6, as the majority of the rest of those aquifers is in GMA 2. The springs that are fed by the Seymour and Blaine Aquifers tend to be seasonal and are affected by recharge and transpiration at least as much as they are by pumping.

Subsidence

Subsidence in GMA 6 occurs in the form of dissolved gypsum, salt and limestone formations that can cause localized sinkholes, depressions, and subsurface cavities. Since the only way to control natural formation of sinkholes is to dewater that portion of the aquifer where the minerals are being dissolved, subsidence was not considered to be a relevant factor when proposing the DFC.

Socioeconomic Impacts

The GMA considered the five socioeconomic impact reports prepared by those regions located in the GMA. These include Regions A, B, , G and O. A summary survey of socio-economic factors was prepared by the GMA and is attached in the file called "Socio-Economic Table". Factors considered included population, population density and population change, municipal water sources, wage and income data, property values, retail sales, agricultural value and economy base type. The survey indicated a declining population. Over half the GMA population is located in Wichita County. There is a low wage agricultural based economy in the west, and a mixed wage economy in the east. Municipal areas rely on groundwater in the west and surface water in the east. There is generally limited groundwater in the eastern part of the GMA.

Private Property Rights

GMA 6 considered private property rights repeatedly throughout the process of proposing a DFC. GMA 6 received several emails from Mr. James Adams (attached) expressing his concerns about private property right in the state of Texas, and they reviewed a presentation (attached) developed by Lawyer Keith Good addressing the same. **GMA 6 also followed the Bragg v. EAA case closely and the member districts discussed at length the effect** this might have on groundwater districts and private property

rights. After much discussion the members of GMA 6 believe they have adopted a DFC that preserves private property rights while also allowing the Districts to conserve, preserve, and protect the natural groundwater supplies.

Feasibility

Both of the Seymour/Blaine models were used to evaluate feasibility of the proposed DFC. Results of GAM runs prepared by GMA 2 were considered when evaluating the limited Ogallala and Dockum areas. In all cases, the models predict achieving the DFC is feasible. The Districts and the TWDB measure water levels in all Districts in the GMA. Analysis of these water levels have also been evaluated to confirm the adopted DFC is feasible, and are used to monitor the aquifers to ensure they meet the DFC through time.

Other

No other factors have been considered during the proposal of the DFC.

Aquifers Declared Non-Relevant for Purposes of Joint Planning

The purpose of joint planning is for Districts to come together to consider DFC's for their districts. Therefore, in areas where there are no districts, GMA 6 is declaring the aquifers non-relevant because there is no groundwater conservation district with authority or funding to measure, monitor, or manage the aquifer to meet a DFC.

The Seymour Aquifer in Clay, Kent, Jones, Stonewall, Throckmorton, Wichita, Wilbarger, and Young Counties (including all of pods 5, 9, 10, 12, 13, 14, and 15, and parts of pods 4, 7, 8, and 11, as shown in the attached pdf file named "Seymour Pod Numbers") is totally excluded from any GCD. The aquifer characteristics have been discussed in this report in the prior aquifer characteristics section, and the demands, uses, and TERS volumes are included in the attached Excel file named "Hydro Conditions Chart." Because there is no GCD to measure, monitor, or manage the aquifers in these counties, GMA 6 is declaring this aquifer in these counties non-relevant for the purposes of joint planning.

The Blaine Aquifer in Stonewall County is excluded from any GCD. The aquifer characteristics have been discussed in this report in the prior aquifer characteristics section, and the demands, uses, and TERS volumes are included in the attached Excel file named "Hydro Conditions Chart." Because there is no GCD to measure, monitor, or manage the aquifers in these counties, GMA 6 is declaring this aquifer in these counties non-relevant for the purposes of joint planning.

The Dockum Aquifer in Kent and Dickens Counties is totally excluded from any GCD. The aquifer characteristics have been discussed in this report in the prior aquifer characteristics section, and the demands, uses, and TERS volumes are included in the attached Excel file named "Hydro Conditions Chart." Because there is no GCD to measure, monitor, or manage the aquifers in these counties, GMA 6 is declaring this aquifer in these counties non-relevant for the purposes of joint planning.

The Dockum aquifer in Fisher county follows the adopted policy of the GMA 7 counties immediately adjacent and was declared not relevant. GMA 7 declared the Dockum in Nolan, Mitchell and Scurry counties, bordering Fisher county, Not Relevant for Joint planning. GMA 7 found the model to be unreliable in Nolan and Mitchell counties, which are adjacent to Fisher county.

The Ogallala Aquifer in Dickens County is totally excluded from any GCD. The aquifer characteristics have been discussed in this report in the prior aquifer characteristics section, and the demands, uses, and TERS volumes are included in the attached Excel file named "Hydro Conditions Chart." Also, GMA 6 examined pumping scenarios modeled in GMA 2 for this aquifer as attached in the file named "Ogallala Pumping Drawdown Motley and Dickens". Because there is no GCD to measure, monitor, or manage the aquifers in this county, GMA 6 is declaring the Ogallala aquifer in Dickens County non-relevant for joint planning purposes.

The Ogallala Aquifer in Collingsworth County is in Mesquite Groundwater Conservation District. The aquifer characteristics have been discussed in this report in the prior aquifer characteristics section, and the demands, uses, and TERS volumes are included in the attached Excel file named "Hydro Conditions Chart." MGCD is in the process of collecting information to verify whether any of the Ogallala Formation is saturated in their District. High Plains Aquifer System GAM numerical report August 2015 shows Ogallala pumping in Collingsworth County to be 1 acre-foot per year from 1998 to 2008. The rest of the years are 0 acre-feet. As seen on the Major Aquifers map, there is a small area of Ogallala formation mapped in Collingsworth County that it is not of consequence to regional-scale planning. Therefore, GMA 6 is declaring this aquifer in this county non-relevant for the purposes of joint planning.

Section 4 – Other DFC Options Considered

GMA 6 considered, and has previously used, many other DFC options, including percent decline, feet decline, springflow maintenance, and production based scenarios. The attached powerpoint titled "DFC options – revised" outlines all of these possible DFC options. These DFC options were not adopted because of the lack of data to evaluate them. All GCD's in GMA 6 have historic and continuing water level measurements. These measurements will allow the GCD's to evaluate feasibility of and compliance with the DFC.

Section 5 – Comments Considered

Pending receipt of comments.