

Texas Water Development Board
Groundwater Conservation District Management Plan Checklist

District name:		Plan type		
Reviewer:		Date received		
Plan status:		Date reviewed		
<p>Required elements of a management plan are outlined in Texas Water Development Board Rules (31 TAC §356 Subchapter E) and in the Texas Water Code (TWC §36.1071). A full list of statute and rule citations is provided on page 4. All elements are required unless otherwise explained in detail as not applicable.</p>				
Required elements	Included and administratively complete?	Data source	Evidence that best available data / science was used	Notes
Electronic copy				
Documentation that the plan was adopted after notice and hearing (copy of the posted agenda, meeting minutes, and copies of the notice either posted on the district's website or provided to the county clerk)				
Documentation that the district coordinated with regional surface water management entities in the development of the plan, following notice and hearing.				
1. Estimates of modeled available groundwater				
2. Estimates of annual groundwater use within the district				
<i>For items 3-5, use groundwater availability modeling information provided by the TWDB in conjunction with any available site-specific information provided by the district.</i>				
3. Estimate of the annual amount of recharge from precipitation, if any, to each aquifer within the district				
4. Estimate of the annual volume of water that discharges from each aquifer within the district to springs and any surface water bodies, including lakes, streams and rivers				
5. Estimate of the annual volume of flow				
	a) into the district within each aquifer			
	b) out of the district within each aquifer			
	c) between aquifers in the district			
<p>Mark required elements that are included in the plan with YES Mark required elements that are missing from the plan with NO Mark plan elements that have been explained in detail as not applicable with N/A</p>				

Required elements	Included and administratively complete?	Data source	Evidence that best available data / science was used	Notes
<i>For items 6-9, use information from the most recently adopted state water plan, as provided by the TWDB.</i>				
6. Estimate of the projected surface water supply within the district				
7. Estimate of the projected total demand for water within the district				
8. Details of the district's consideration of water supply needs within the district, emphasizing those needs that impact groundwater supply within the district				
9. Details of the district's consideration of water management strategies sourced from within the district boundaries, emphasizing strategies that are or will be impacted by district actions				
<i>For items 10-12, include responses and information for the most recently approved desired future conditions.</i>				
10. The most recently approved desired future conditions are included in the plan.				
11. Provide a plain language explanation of how the district is monitoring and tracking the achievement of the desired future conditions.				
12. Provide a plain language explanation of how the district has performed in achieving the DFCs during the preceding five-year joint planning period.				
13. Details of how the district will manage groundwater supplies in the district, including methodology to track progress in achieving goals				
14. Actions, procedures, performance, and avoidance necessary to effectuate the management plan, including specifications and proposed rules, all specified in as much detail as possible				

Management goals, management objectives, and performance standards must be consistent with the established desired future conditions of the district's groundwater management area(s) (TWC §36.1085 and 31 TAC §356.52(b))

Management goals required to be addressed unless explained in detail as not applicable	Management goal included in plan?	Methodology for tracking progress (at least one tracked annually, others may be tracked over a longer time period)	Management objective(s) (specific, measurable, and time-based statements of future outcomes)	Performance standard(s) (indicators or measures used to evaluate the effectiveness and efficiency of district activities)	Notes
Providing the most efficient use of groundwater	15)	16)	17)	18)	
Controlling and preventing waste of groundwater	19)	20)	21)	22)	
Controlling and preventing subsidence	23)	24)	25)	26)	
Addressing conjunctive surface water management issues	27)	28)	29)	30)	
Addressing natural resource issues that impact the use and availability of groundwater and which are impacted by the use of groundwater	31)	32)	33)	34)	
Addressing drought conditions	35)	36)	37)	38)	
Addressing the following, where appropriate and cost-effective:					
a) Conservation	39a)	40a)	41a)	42a)	
b) Recharge enhancement	39b)	40b)	41b)	42b)	
c) Rainwater harvesting	39c)	40c)	41c)	42c)	
d) Precipitation enhancement	39d)	40d)	41d)	42d)	
e) Brush control	39e)	40e)	41e)	42e)	
Addressing the desired future conditions established under TWC §36.108	43)	44)	45)	46)	

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Groundwater Conservation District Management Plan Checklist Citations

Required elements of a management plan are outlined in Texas Water Development Board Rules (31 TAC §356 Subchapter E) and in the Texas Water Code (TWC §36.1071). All elements are required unless otherwise explained in detail as not applicable.

[31 TAC §356 Subchapter E](#)

[TWC §36.1071](#)

[31 TAC §356.10 \(Definitions\)](#)

Required elements	TWDB rule citation	Texas Water Code citation
Electronic copy	31 TAC §356.53(a)(1)	
Documentation that the plan was adopted after notice and hearing (copy of the posted agenda, meeting minutes, and copies of the notice either posted on the district's website or provided to the county clerk)	31 TAC §356.53(a)(2)	TWC §36.1071(a); TWC 36.1071(g)
Documentation that the district coordinated with regional surface water management entities in the development of the plan, following notice and hearing.	31 TAC §356.51	TWC §36.1071(a); TWC 36.1071(g)
1. Modeled available groundwater amounts/estimates from the most recently approved desired future conditions.	31 TAC §356.52(a)(6)(A)	TWC §36.1071(b)(2)(B) TWC §36.1071(e)(3)(A)
2. Estimates of annual groundwater use within the district	31 TAC §356.52(a)(6)(B); §356.10(3)	TWC §36.1071(e)(3)(B)
3. Estimate of the annual amount of recharge from precipitation, if any, to each aquifer within the district	31 TAC §356.52(a)(6)(C)	TWC §36.1071(e)(3)(C)
4. Estimate of the annual volume of water that discharges from each aquifer within the district to springs and any surface water bodies, including lakes, streams and rivers	31 TAC §356.52(a)(6)(D)	TWC §36.1071(e)(3)(D)
5 a-c. Estimate of the annual volume of flow into the district within each aquifer, out of the district within each aquifer, and between aquifers in the district	31 TAC §356.52(a)(6)(E)	TWC §36.1071(e)(3)(E)
6. Estimate of the projected surface water supply within the district	31 TAC §356.52(a)(6)(F)	TWC §36.1071(e)(3)(F)
7. Estimate of the projected total demand for water within the district	31 TAC §356.52(a)(6)(G)	TWC §36.1071(e)(3)(G)
8. Details of the district's consideration of water supply needs within the district, emphasizing those needs that impact groundwater supply within the district	31 TAC §356.52(a)(7)(A)	TWC §36.1071(e)(4)
9. Details of the district's consideration of water management strategies sourced from within the district boundaries, emphasizing strategies that are or will be impacted by district actions	31 TAC §356.52(a)(7)(B)	TWC §36.1071(e)(4)

10. The most recently approved desired future conditions are included in the plan.		§36.1071 (b)(2)(A)
11. Provide a plain language explanation of how the district is monitoring and tracking the achievement of the desired future conditions.		§36.1071 (e)(5)(A)
12. Provide a plain language explanation of how the district has performed in achieving the DFCs during the preceding five-year joint planning period.		§36.1071 (e)(5)(B)
13. Details of how the district will manage groundwater supplies in the district, including methodology to track progress in achieving goals	31 TAC §356.52(a)(4)	
14. Actions, procedures, performance, and avoidance necessary to effectuate the management plan, including specifications and proposed rules, all specified in as much detail as possible	31 TAC §356.52(a)(5)	TWC §36.1071(e)(2)
Management goals	31 TAC 356.52(a)	TWC §36.1071(a)
Methodology for tracking progress (at least one goal must be tracked annually, others may be tracked over a longer time period)	31 TAC §356.52(a)(4)	
Management objective(s) (specific, measurable, and time-based statements of future outcomes)	31 TAC §356.52 (a)(2)	TWC §36.1071(e)(1)
Performance standard(s) (indicators or measures used to evaluate the effectiveness and efficiency of district activities)	32 TAC §356.52 (a)(3)	TWC §36.1071(e)(1)
Providing the most efficient use of groundwater	31 TAC §356.52(a)(1)(A)	TWC §36.1071(a)(1)
Controlling and preventing waste of groundwater	31 TAC §356.52(a)(1)(B)	TWC §36.1071(a)(2)
Controlling and preventing subsidence	31 TAC §356.52(a)(1)(C)	TWC §36.1071(a)(3)
Addressing conjunctive surface water management issues	31 TAC §356.52(a)(1)(D)	TWC §36.1071(a)(4)
Addressing natural resource issues that impact the use and availability of groundwater, and which are impacted by the use of groundwater	31 TAC §356.52(a)(1)(E);	TWC §36.1071(a)(5)
Addressing drought conditions	31 TAC §356.52(a)(1)(F);	TWC §36.1071(a)(6)
Addressing conservation, recharge enhancement, rainwater harvesting, precipitation enhancement, and brush control, where appropriate and cost-effective	31 TAC §356.52(a)(1)(G);	TWC §36.1071(a)(7)
Addressing the desired future conditions established under TWC §36.108	31 TAC §356.52(a)(1)(H);	TWC §36.1071(a)(8)

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Groundwater Conservation District Management Plan Additional Requirements

Required actions	TWDB rule citation	Texas Water Code citation
A district shall amend a management plan before the second anniversary of the adoption of desired future conditions.		TWC §36.1071(b-1)
<p>If a petition challenging the reasonableness of a desired future condition is filed under Section 36.1083(b) and until the district issues a final order under Section 36.1083(n) or, if the desired future condition is found to be unreasonable in the final order, a new desired future condition is adopted under Section 36.108 or 36.1083 (p), the executive administrator shall consider the management plan administratively complete if:</p> <ol style="list-style-type: none"> (1) the most recently approved desired future conditions adopted under Section 36.108; (2) the amount of modeled available groundwater corresponding to those desired future conditions. (3) a statement of the status of the petition challenging the reasonableness of a desired future condition; and (4) the information required by Subsections (a) and (e). 		TWC §36.1071(b-2)
<p>Subsection (b-2) applies until either:</p> <ol style="list-style-type: none"> (1) the district issues a final order under Section 36.1083(n); or (2) if a desired future condition is found to be unreasonable in the final order, a new desired future condition is adopted pursuant to Section 36.108 or 36.1083(p). 		TWC §36.1071(b-3)