



# **Appendix F**

## **Consistency Matrix**



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## CHECKLIST FOR COMPARISON OF THE REGIONAL WATER PLAN TO APPLICABLE WATER PLANNING REGULATIONS

The purpose of this attachment is to facilitate the determination of how the Regional Water Plan is consistent with the long-term protection of the water, agricultural, and natural resources of the State of Texas, particularly within this region. The following checklist includes a regulatory citation (Column 1) for all subsections and paragraphs contained in the following applicable portions of the water planning regulations:

- 31 TAC Chapter 358.3
- 31 TAC Chapter 357.3
- 31 TAC Chapter 357.4
- 31 TAC Chapter 357.2
- 31 TAC Chapter 357.5

According to 31 TAC Chapter 357.41, the Regional Water Plan is considered to be consistent with the long-term protection of the State's resources if it complies with the above listed requirements. Therefore, the Regional Water Plan has been compared to each applicable section of the regulations as a means of determining consistency.

The checklist also includes a summary description of each cited regulation (Column 2). It should be understood that this summary is intended only to provide a general description of the particular section of the regulation and should not be assumed to contain all specifics of the actual regulation. The evaluation of the Regional Water Plan should be performed against the complete regulation, as contained in the actual 31 TAC 358 and 31 TAC 357 regulations.

Column 3 of the checklist provides the evaluation response as affirmative, negative, or not applicable. A "Yes" in this column indicates that the Regional Water Plan has been evaluated to comply with the stated section of the regulation. A "No" response indicates that the Regional Water Plan does not comply with the stated regulation. A response of "NA" (or not applicable) indicates that the stated section of the regulation does not apply to this Regional Water Plan.

The evidence of where, in the Regional Water Plan, the stated regulation is addressed is provided in Column 4. Where the regulation is addressed in multiple locations within the Regional Water Plan, this column may cite only the primary locations. In addition to identifying where the regulation is addressed, this column may include commentary about the application of the regulation in the Regional Water Plan.

The above-listed regulations are repetitive, in some instances. One section of the regulations may be restated or paraphrased elsewhere within the regulations. In some cases, multiple sections of the regulations may be combined into one separate regulation section. Therefore, Column 5 provides cross-referencing.

Regulatory Citation (Col 1)	Summary of Requirement (Col 2)	Response (Yes/No/ NA) (Col 3)	Location(s) in Regional Plan and/or Commentary (Col 4)	Regulatory Cross References (Col 5)
<b>Guidance Principles</b>				
<b>31 TAC §358.3</b>				
358.3 (1)	The state water plan shall provide for the preparation for and response to drought conditions.	Yes	Chapters 1, 2, 3, 5, 7	
(2)	The RWP and SWP shall serve as water supply plans under drought of record conditions.	Yes	See above	
(3)	Consideration shall be given to the construction and improvement of surface water resources and the application of principles that result in voluntary redistribution of water resources.	Yes	Chapter 5	
(4)	Provide for the orderly development, management, and conservation of water resources and preparation for and response to drought conditions so that sufficient water will be available at a reasonable cost to satisfy a reasonable projected use of water to ensure public health, safety, and welfare; further economic development; and protect the agricultural and natural resources of the regional water planning area.	Yes	Chapters 5, 6	
(5)	Include identification of those policies and action that may be needed to meet Texas' water supply needs and prepare for and respond to drought conditions.	Yes	Chapters 5 and 7	
(6)	Decision-making shall be open to and accountable to the public with decisions based on accurate, objective and reliable information with full dissemination of planning results except for those matters made confidential by law.	Yes	Chapter 10	
(7)	Establish terms of participation in water planning efforts that shall be equitable and shall not unduly hinder participation.	Yes	Chapter 10	
(8)	Consideration of the effect of policies or water management strategies on the public interest of the state, water supply, and those entities involved in providing this supply throughout the entire state.	Yes	Chapter 8	
(9)	Consideration of all water management strategies the regional water plan determines to be potentially feasible when developing plans to meet future water needs and to respond to drought so that cost effective water management strategies which are consistent with long-term protection of the state's water resources, agricultural resources, and natural resources are considered and approved.	Yes	Chapters 5 and 6	
(10)	Consideration of opportunities that encourage and result in voluntary transfers of water resources, including but not limited to regional water banks, sales, leases, options, subordination agreements, and financing agreements.	Yes	Chapter 5	
(11)	Consideration of a balance of economic, social, aesthetic, and ecological viability.	Yes	Chapter 5	
(12)	For regional water planning areas without approved regional water plans or water providers for which revised plans are not developed through the regional water planning process, the use of information from the adopted state water plan and other completed studies that are sufficient for water planning shall represent the water supply plan for that area or water provider.	NA		
(13)	All surface waters are held in trust by the state, their use is subject to rights granted and administered by the Commission, and the use of surface water is governed by the prior appropriation doctrine, unless adjudicated otherwise.	Yes	Chapter 3	
(14)	Existing water rights, water contracts, and option agreements shall be protected. However, potential amendments of water rights, contracts and agreements may be considered and evaluated. Any amendments will require the eventual consent of the owner.	Yes	Chapters 3 and 5	
(15)	The production and use of groundwater in Texas is governed by the rule of capture doctrine unless and to the extent that such production and use is regulated by a groundwater conservation district.	Yes	Chapter 3	§36.002
(16)	Consideration of recommendations of river and stream segments of unique ecological value to the legislature for potential protection.	Yes	Chapter 8	
(17)	Consideration of recommendation of sites of unique value for the construction of reservoirs to the legislature for potential protection.	Yes	Chapter 8	
(18)	Consideration of water planning and management activities of local, regional, state, and federal agencies, along with existing local, regional, and state water plans and information and existing state and federal programs and goals.	Yes	Chapters 1 and 5	
(19)	Designated water quality and related water uses as shown in the state water quality management plan shall be improved or maintained.	Yes	Chapter 6	

Regulatory Citation (Col 1)	Summary of Requirement (Col 2)	Response (Yes/No/ NA) (Col 3)	Location(s) in Regional Plan and/or Commentary (Col 4)	Regulatory Cross References (Col 5)
(20)	Coordination of water planning and management activities of RWPGs to identify common needs and issues and achieve efficient use of water supplies, including the Board and other relevant RWPGs, working together to identify common needs, issues, and challenges while working together to resolve conflicts in a fair, equitable, and efficient manner.	Yes	Entire RWP	
(21)	The water management strategies identified in approved RWPs to meet needs shall be described in sufficient detail to allow a state agency making a financial or regulatory decision to determine if a proposed action before the state agency is consistent with an approved RWP.	Yes	Chapter 5, Appendix E	
(22)	The evaluation of water management strategies shall use environmental information in accordance with the Commission's adopted environmental flow standards where applicable or, in basins where standards are not available or have not been adopted, information from existing site-specific studies or state consensus environmental planning criteria.	NA	No new appropriations are recommended.	30 TAC Chapter 298
(23)	Consideration of environmental water needs including instream flows and bay and estuary inflows, including adjustments by the RWPGs to water management strategies to provide for environmental water needs including instream flows and bay and estuary needs. Consideration shall be consistent with the Commission's adopted environmental flow standards in basins where standards have been adopted.	NA	No new appropriations are recommended. Existing instream regulations considered.	30 TAC Chapter 298
(24)	Planning shall be consistent with all laws applicable to water use for the state and regional water planning area.	Yes	Entire RWP	
(25)	The inclusion of ongoing water development projects that have been permitted by the Commission or a predecessor agency.	NA	None in Region A	
(26)	Specific recommendations of water management strategies shall be based upon identification, analysis, and comparison of all water management strategies the RWPG determines to be potentially feasible so that the cost effective water management strategies which are environmentally sensitive are considered and adopted unless the RWPG demonstrates that adoption of such strategies is not appropriate.	Yes	Chapter 5	§357.34(d)(3)(A) §357.34(d)(3)(B)
(27)	Achieve efficient use of existing water supplies, explore opportunities for and the benefits of developing regional water supply facilities or providing regional management of water facilities, coordinate the actions of local and regional water resource management agencies, provide substantial involvement by the public in the decision-making process, and provide full dissemination of planning results.	Yes	Chapters 5 and 10	
(28)	Consideration of existing regional water planning efforts when developing RWPs.	Yes	Chapters 1 and 5	
<b>Chapter One Description of the Regional Water Planning Area</b>				
<b>31 TAC §357.30</b>				
RWPGs shall describe their regional water planning area including the following:				
357.3 (1)	Social and economic aspects of a region such as information on current population, economic activity and economic sectors heavily dependent on water resources	Yes	1.3	
(2)	Current water use and major water demand centers	Yes	1.6	
(3)	Current groundwater, surface water, and reuse supplies including major springs that are important for water supply or protection of natural resources	Yes	1.5	
(4)	Wholesale water providers	Yes	1.4	
(5)	Agricultural and natural resources	Yes	1.7	
(6)	Identified water quality problems	Yes	1.5, 1.7 and 1.8	
(7)	Identified threats to agricultural and natural resources due to water quantity problems or water quality problems related to water supply	Yes	1.8 and 1.9	
(8)	Summary of existing local and regional water plans	Yes	1.1	
(9)	The identified historic drought(s) of record within the planning area	Yes	1.8.2 and Chapter 7	
(10)	Current preparations for drought within the RWPA	Yes	1.8.3, Chapter 7, and <a href="http://www.panhandlewater.org/">http://www.panhandlewater.org/</a>	
(11)	Information compiled by the Board from water loss audits	Yes	1.8.1	§358.6
(12)	An identification of each threat to agricultural and natural resources and a discussion of how that threat will be addressed or affected by the water management strategies evaluated in the plan.		1.8 and Chapter 6	

Regulatory Citation (Col 1)	Summary of Requirement (Col 2)	Response (Yes/No/ NA) (Col 3)	Location(s) in Regional Plan and/or Commentary (Col 4)	Regulatory Cross References (Col 5)
<b>Chapter Two Projected Non-Municipal, Municipal and Population Water Demands</b>				
<b>31 TAC §357.31</b>				
357.31 (a)	Present projected population and water demands by WUG.	Yes	2.2, 2.3, Attachment 2-1	§357.10
(b)	Present projected water demands associated with WWPs by category of water use, including municipal, manufacturing, irrigation, steam electric power generation, mining, and livestock for each county or portion of a county in the RWPA.	Yes	2.7	
(c)	Report the current contractual obligations of WUG and WWPs to supply water in addition to any demands projected for the WUG or WWP.	Yes	2.7	§357.32
(d)	Municipal demands shall be adjusted to reflect water savings due to plumbing fixture requirements identified in the Texas Health and Safety Code, Chapter 372.	Yes	2.4 and Attachment 2-1	Texas Health and Safety Code, Chapter 372
(e)	In developing RWPs, RWPGs shall use:			
(e) (1)	Population and water demand projections developed by the EA that will be contained in the next state water plan and adopted by the Board after consultation with the RWPGs, Commission, Texas Department of Agriculture, and the Texas Parks and Wildlife Department.	Yes	2.2, 2.3, 2.4, 2.5, 2.6	
(e) (2)	RWPGs may request revisions of Board adopted population or water demand projections if the request demonstrates that population or water demand projections no longer represents a reasonable estimate of anticipated conditions based on changed conditions and or new information.	Yes	2.2-Adjustments to population projections were made to eight municipal water user groups. Water demand adjustments were made to municipal water user group based on baseline GPCD errors and alternative dry year. Agricultural demand users were changed based on the Texas A&M AgriLife Memorandum included as Appendix B	§357.21(c)
(f)	Population and water demand projections shall be presented for each planning decade for each of the above reporting categories.	Yes	2.2, 2.3, 2.4, 2.5, 2.6	
<b>Chapter Three Water Supply Analysis</b>				
<b>31 TAC §357.32</b>				
357.32 (a)	RWPGs shall evaluate:			
(a) (1)	Source water availability during drought of record conditions.	Yes	Chapter 3	
(a) (2)	Existing water supplies that are legally and physically available to WUGs and wholesale water suppliers within the RWPA for use during the drought of record.	Yes	3.1, 3.2	
(b)	Consider surface water and groundwater data from the state water plan, existing water rights, contracts and option agreements relating to water rights, other planning and water supply studies, and analysis of water supplies existing in and available to the RWPA during drought of record conditions	Yes	3.1, 3.2	
(c)	Evaluation of the existing surface water available during drought of record shall be based on firm yield. The analysis may be based on justified operational procedures other than firm yield.	Yes	3.1.3	
(d)	Use modeled available groundwater volumes for groundwater availability, as issued by the Board, and incorporate such information in its RWP unless no modeled available groundwater volumes are provided.	Yes	3.1.2	
(e)	Evaluate the existing water supplies for each WUG and WWP	Yes	3.2	
(f)	Water supplies based on contracted agreements will be based on the terms of the contract, which may be assumed to renew upon contract termination if the contract contemplates renewal or extensions.	Yes	3.5, 3.6	
(g)	Evaluation results shall be reported by WUG in accordance with §357.31(a) of this title (relating to Projected Population and Water Demands) and WWPs in accordance with §357.31(b) of this title	Yes	2.7, Chapter 3	§357.31(a) §357.31(b)
<b>Chapter Four Identification of Water Needs</b>				
<b>31 TAC §357.33</b>				
357.33 (a)	Include comparisons of existing water supplies and projected water demands to identify water needs.	Yes	4.2	
(b)	Compare projected water demands with existing water supplies available to WUGs and WWPs in a planning area to determine whether WUGs will experience water surpluses or needs for additional supplies. Results will be reported for WUGs and for WWPs by categories of use including municipal, manufacturing, irrigation, steam electric, mining, and livestock watering for each county or portion of a county in a RWPA.	Yes	4.2, and Attachment 4-1	§357.31 §357.32
(c)	The social and economic impacts of not meeting water needs will be evaluated by RWPGs and reported for each RWPA.	Yes	Chapter 6 - To be included in Final Plan	
(d)	Results of evaluations will be reported by WUG in accordance with §357.31(a) of this title and WWPs in accordance with §357.31(b) of this title.	Yes	Attachment 4-1	§357.31(a) §357.31(b)
(e)	Perform a secondary water needs analysis for all WUGs and WWPs for which conservation water management strategies or direct reuse water management strategies are recommended. This secondary water needs analysis will calculate the water needs that would remain after assuming all recommended conservation and direct reuse water management strategies are fully implemented. The resulting secondary water needs volumes shall be presented in the RWP by WUG and WWP and decade.	Yes	4.3 - To be provided in final report	

Regulatory Citation (Col 1)	Summary of Requirement (Col 2)	Response (Yes/No/ NA) (Col 3)	Location(s) in Regional Plan and/or Commentary (Col 4)	Regulatory Cross References (Col 5)
<b>Chapter Five Identification and Evaluation of Potentially Feasible Water Management Strategies</b>				
<b>31 TAC §357.34</b>				
357.34 (a)	Identify and evaluate potentially feasible water management strategies for all WUGs and WWPs with identified water needs.	Yes	Chapter 5	
(b)	Identify potentially feasible water management strategies to meet water supply needs. Strategies shall be developed for WUGs and WWPs. The strategies shall meet new water supply obligations necessary to implement recommended water management strategies of WWPs and WUGs.	Yes	Subchapter 5A	§357.33 §357.12(b)
(c)	Potential Feasible Water Management Strategies should include, but are not limited to:			
(c) (1)	Expanded use of existing supplies including system optimization and conjunctive use of water resources, reallocation of reservoir storage to new uses, voluntary redistribution of water resources including contracts, water marketing, regional water banks, sales, leases, options, subordination agreements, and financing agreements, subordination of existing water rights through voluntary agreements, enhancements of yields of existing sources, and improvement of water quality including control of naturally occurring chlorides.	Yes	Subchapters 5A.1.3, Reallocation of reservoir storage is extremely limited in Region A. Due to limited supply, this strategy was not considered for Region A.	
(c) (2)	New supply development including construction and improvement of surface water and groundwater resources, brush control, precipitation enhancement, desalination, water supply that could be made available by cancellation of water rights based on data provided by the Commission, rainwater harvesting, and aquifer storage and recovery.	Yes	Subchapters 5A.1.4 (Groundwater), 5A.1.5 (Brush Control), 5A.1.6 (Precipitation Enhancement) - RWPG did not consider water right cancellation to be a feasible strategy for Region A.	
(c) (3)	Conservation and drought management measures including demand management.	Yes	Subchapters 5A.1.1, 5B and Chapter 7	
(c) (4)	Reuse of wastewater.	Yes	Subchapter 5A.1.2	
(c) (5)	Interbasin transfers of surface water.	NA	There are no new interbasin strategies for Region A	
(c) (6)	Emergency transfers of surface water including a determination of the part of each water right for non-municipal use in the RWPA that may be transferred without causing unreasonable damage to the property of the non-municipal water rights holder in accordance with Texas Water Code §11.139 (relating to Emergency Authorizations).	Yes	Chapter 7	§11.139
(d)	Evaluations of Potentially Feasible Water Management Strategies should include the following analyses:			
(d) (1)	For the purpose of evaluating potentially feasible water management strategies, the Commission's most current Water Availability Model with assumptions of no return flows and full utilization of senior water rights, is to be used. Alternative assumptions may be used with written approval from the EA.	Yes	There are no proposed new appropriations of surface water for Region A.	
(d) (2)	An equitable comparison between and consistent evaluation and application of all water management strategies the RWPGs determine to be potentially feasible for each water supply need.	Yes	Subchapter 5C, 5D and Attachment 5-2	
(d) (3) (A)	A quantitative reporting of the net quantity, reliability, and cost of water delivered and treated for the end user's requirements during drought of record conditions, taking into account and reporting anticipated strategy water losses, incorporating factors used calculating infrastructure debt payments and may include present costs and discounted present value costs. Costs do not include distribution of water within a WUG after treatment.	Yes	Subchapters 5B, 5C, 5D, Attachments 5-2 and 5-3	
(d) (3) (B)	A quantitative reporting of the environmental factors including effects on environmental water needs, wildlife habitat, cultural resources, and effect of upstream development on bays, estuaries, and arms of the Gulf of Mexico.	Yes	Attachment 5-3	30 TAC Chapter 298
(d) (3) (C)	A quantitative reporting of the impacts to agricultural resources.	Yes	Attachment 5-3	
(d) (4)	Discussion of the plan's impact on other water resources of the state including other water management strategies and groundwater and surface water interrelationships.	Yes	Chapter 6 and Attachment 5-3	
(d) (5)	Discussion of each threat to agricultural or natural resources identified pursuant to §357.30(7) of this title (relating to Description of the Regional Water Planning Area) including how that threat will be addressed or affected by the water management strategies evaluated	Yes	Chapter 6 and Attachment 5-3	§357.30(7)
(d) (6)	If applicable, consideration and discussion of the provisions in Texas Water Code §11.085(k)(1) for interbasin transfers of surface water. At minimum, this consideration will include a summation of water needs in the basin of origin and in the receiving basin.	NA	There are no new interbasin strategies for Region A.	§11.085(k)(1)
(d) (7)	Consideration of third-party social and economic impacts resulting from voluntary redistributions of water including analysis of third-party impacts of moving water from rural and agricultural areas.	Yes	Chapter 6	
(d) (8)	A description of the major impacts of recommended water management strategies on key parameters of water quality identified by RWPGs as important to the use of a water resource and comparing conditions with the recommended water management strategies to current conditions using best available data.	Yes	Chapter 6	
(d) (9)	Consideration of water pipelines and other facilities that are currently used for water conveyance as described in §357.22(a)(3) of this title (relating to General Considerations for Development of Regional Water Plans).	Yes	Chapter 1 and Subchapter 5B.1	§357.22(a)(3)
(d) (10)	Other factors as deemed relevant by the RWPG including recreational impacts.	Yes	Attachment 5-3	
(e)	Evaluate and present potentially feasible water management strategies with sufficient specificity to allow state agencies to make financial or regulatory decisions to determine consistency of the proposed action before the state agency with an approved RWP.	Yes	Chapter 5	

Regulatory Citation (Col 1)	Summary of Requirement (Col 2)	Response (Yes/No/ NA) (Col 3)	Location(s) in Regional Plan and/or Commentary (Col 4)	Regulatory Cross References (Col 5)
(f)	Conservation, Drought Management Measures, and Drought Contingency Plans shall be considered by RWPGs when developing the regional plans, particularly during the process of identifying, evaluating, and recommending water management strategies. RWPGs shall incorporate water conservation planning and drought contingency planning in the regional water planning area.	Yes	Chapter 5 and 7	
(f) (1)	Drought management measures including water demand management. RWPGs shall consider drought management measures for each need identified in §357.33 of this title and shall include such measures for each user group to which Texas Water Code §11.1272 (relating to Drought Contingency Plans for Certain Applicants and Water Right Holders) applies. Impacts of the drought management measures on water needs must be consistent with guidance provided by the Commission in its administrative rules implementing Texas Water Code §11.1272. If a RWPG does not adopt a drought management strategy for a need it must document the reason in the RWP.	Yes	Chapter 7 and Subchapter 5A - Drought management considered for all users with needs but not recommended.	§357.33 §11.1272
(f) (2)	Must consider water conservation practices, including potentially applicable best management practices, for each identified water need.	Yes	Subchapter 5B, 5C and 5D	
(f) (2) (A)	Include water conservation practices for each user group to which Texas Water Code §11.1271 and §13.146 (relating to Water Conservation Plans) apply. The impact of these water conservation practices on water needs must be consistent with requirements in appropriate Commission administrative rules.	Yes	Subchapter 5B and Attachment 5-2	§11.1271 §13.146
(f) (2) (B)	Consider water conservation practices for each WUG beyond the minimum requirements of subparagraph (A) of this paragraph, whether or not the WUG is subject to Texas Water Code §11.1271 and §13.146. If RWPGs do not adopt a water conservation strategy to meet an identified need, they shall document the reason in the RWP.	Yes	Subchapters 5B, 5C, 5D and Attachment 5-2	§11.1271 §13.146
(f) (2) (C)	For each WUG or WWP that is to obtain water from a proposed interbasin transfer, RWPGs will include a water conservation strategy that will result in the highest practicable level of water conservation and efficiency achievable.	NA	There are no new interbasin strategies for Region A.	§11.085
(f) (2) (D)	Consider strategies to address any issues identified in the information compiled by the Board from the water loss audits performed by retail public utilities pursuant to §358.6 of this title (relating to Water Loss Audits).	Yes	Subchapter 5B	§358.6
(g)	Include a subchapter consolidating the RWPG's recommendations regarding water conservation. RWPGs shall include in the RWPs model water conservation plans pursuant to Texas Water Code §11.1271	Yes	Subchapter 5B	§11.1271
<b>31 TAC §357.35</b>				
357.35 (a)	Recommend water management strategies to be used during a drought of record based on the potentially feasible water management strategies evaluated under §357.34 of this title (relating to Identification and Evaluation of Potentially Feasible Water Management Strategies).	Yes	Chapter 5, Attachments 5-1 through 5-3	§357.34
(b)	Recommend specific water management strategies based upon the identification, analysis, and comparison of water management strategies by the RWPG that the RWPG determines are potentially feasible so that the cost effective water management strategies that are environmentally sensitive are considered and adopted unless a RWPG demonstrates that adoption of such strategies is inappropriate.	Yes	Chapter 5, Attachments 5-1 through 5-3	§357.34
(c)	Strategies will be selected by the RWPGs so that cost effective water management strategies, which are consistent with long-term protection of the state's water resources, agricultural resources, and natural resources are adopted.	Yes	Chapter 5, Attachments 5-1 through 5-3	
(d)	Identify and recommend water management strategies for all WUGs and WWPs with identified water needs and that meet all water needs during the drought of record except in cases where: (1) no water management strategy is feasible. In such cases, RWPGs must explain why no management strategies are feasible; or (2) a political subdivision that provides water supply other than water supply corporations, counties, or river authorities explicitly does not participate in the regional water planning process for needs located within its boundaries or extraterritorial jurisdiction.	Yes	Chapter 5, Attachments 5-1 through 5-3	
(e)	Specific recommendations of water management strategies to meet an identified need will not be shown as meeting a need for a political subdivision if the political subdivision in question objects to inclusion of the strategy for the political subdivision and specifies its reasons for such objection. This does not prevent the inclusion of the strategy to meet other needs.	Yes	Chapter 5, Attachments 5-1 through 5-3	
(f)	Recommended strategies shall protect existing water rights, water contracts, and option agreements, but may consider potential amendments of water rights, contracts and agreements, which would require the eventual consent of the owner.	Yes	Chapter 5, Attachments 5-1 through 5-3	
(g)	RWPGs shall report the following			
(g) (1)	Recommended water management strategies and the associated results of all the potentially feasible water management strategy evaluations by WUG and WWP. If a WUG or WWP lies in one or more counties or RWPA's or river basins, data will be reported for each river basin, RWPA, and county.	Yes	Reporting by basin to be provided in DB17 for the final plan.	
(g) (2)	Calculated planning management supply factors for each WUG and WWP included in the RWP assuming all recommended water management strategies are implemented. This calculation shall be based on the sum of: the total existing water supplies, plus all water supplies from recommended water management strategies for each entity; divided by that entity's total projected water demand, within the planning decade. The resulting calculated safety factor shall be presented in the plan by entity and decade for every WUG and WWP	Yes	To be provided by DB17 for the final plan.	
(g) (3)	Fully evaluated Alternative Water Management Strategies included in the adopted RWP shall be presented together in one place in the RWP.	Yes	Attachment 5-2 and Attachment 5-3	
<b>Chapter Six Impacts of Regional Water Plan and Consistency with Protection of Water Resources, Agricultural Resources, and Natural Resources</b>				

Regulatory Citation (Col 1)	Summary of Requirement (Col 2)	Response (Yes/No/ NA) (Col 3)	Location(s) in Regional Plan and/or Commentary (Col 4)	Regulatory Cross References (Col 5)
<b>31 TAC §357.40</b>				
357.40 (a)	RWPs shall include a description of the impacts of the RWP regarding:			
(b) (1)	Agricultural resources pursuant to §357.34(d)(3)(C) of this title (relating to Identification and Evaluation of Potentially Feasible Water Management Strategies)	Yes	Chapter 6 and Attachment 5-3	§357.34(d)(3)(C)
(b) (2)	Other water resources of the state including other water management strategies and groundwater and surface water interrelationships pursuant to §357.34(d)(4) of this title	Yes	Chapter 6 and Attachment 5-3	§357.34(d)(4)
(b) (3)	Threats to agricultural and natural resources identified pursuant to §357.34(d)(5) of this title	Yes	Chapter 6 and Attachment 5-3	§357.34(d)(5)
(b) (4)	Third-party social and economic impacts resulting from voluntary redistributions of water including analysis of third-party impacts of moving water from rural and agricultural areas pursuant to §357.34(d)(7) of this title	Yes	Chapter 6	§357.34(d)(7)
(b) (5)	Major impacts of recommended water management strategies on key parameters of water quality pursuant to §357.34(d)(8) of this title	Yes	6.1	§357.34(d)(8)
(b) (6)	Effects on navigation	Yes	6.4 - The Region A Plan does not have an impact on navigation.	
(c)	Include a summary of the identified water needs that remain unmet by the RWP.	Yes	Subchapter 5D	
<b>31 TAC §357.41</b>				
357.41	Describe how RWPs are consistent with the long-term protection of the state's water resources, agricultural resources, and natural resources as embodied in the guidance principles in §358.3(4) and (8) of this title (relating to Guidance Principles).	Yes	6.6, 6.7, 6.8, 6.9, and 6.10	§358.3(4) and (8)
<b>Chapter Seven Drought Response Information, Activities, and Recommendations</b>				
<b>31 TAC §357.42</b>				
357.42 (a)	Consolidate and present information on current and planned preparations for, and responses to, drought conditions in the region including, but not limited to, drought of record conditions based on the following subsections.	Yes	Chapter 7	
(b)	Conduct an overall assessment of current preparations for drought within the RWPA including a description of how water suppliers in the RWPA identify and respond to the onset of drought. This may include information from local drought contingency plans.	Yes	7.2	
(c)	Develop drought response recommendations regarding the management of existing groundwater and surface water sources in the RWPA designated in accordance with §357.32 of this title (relating to Water Supply Analysis), including:			
(c) (1)	Factors specific to each source of water supply to be considered in determining whether to initiate a drought response for each water source including specific recommended drought response triggers	Yes	7.5	§357.32
(c) (2)	Actions to be taken as part of the drought response by the manager of each water source and the entities relying on each source, including the number of drought stages	Yes	7.5 and Attachment 7-1	§357.32
(c) (3)	Triggers and actions developed in paragraphs (1) and (2) of this subsection may consider existing triggers and actions associated with existing drought contingency plans.	Yes	7.5 and Attachment 7-1	§357.32
(d)	Collect information on existing major water infrastructure facilities that may be used for interconnections in event of an emergency shortage of water. In accordance with Texas Water Code §16.053(r), this information is CONFIDENTIAL INFORMATION and cannot be disseminated to the public. The associated information is to be collected by a subgroup of RWPG members in a closed meeting and submitted separately to the EA in accordance with guidance to be provided by EA.	Yes	No confidential information received.	Texas Water Code §16.053(r)
(e)	Provide general descriptions of local drought contingency plans that involve making emergency connections between water systems or WWP systems that do not include locations or descriptions of facilities that are disallowed under subsection (d) of this section.	Yes	7.4	
(f)	RWPGs may designate recommended and alternative drought management water management strategies and other recommended drought measures in the RWP including:			
(f) (1)	List and description of the recommended drought management water management strategies and associated WUGs and WWPs, if any, that are recommended by the RWPG. Information to include associated triggers to initiate each of the recommended drought management water management strategies	NA	7.6 - Region A does not recommend specific drought management strategies. Region A recommends the implementation of drought contingency plans by suppliers when appropriate to reduce demand during drought and prolong current supplies.	
(f) (2)	List and description of alternative drought management water management strategies and associated WUGs and WWPs, if any, that are included in the plan. Information to include associated triggers to initiate each of the alternative drought management water management strategies	NA	No alternative drought management strategies were included in the Region A Plan.	
(f) (3)	List of all potentially feasible drought management water management strategies that were considered or evaluated by the RWPG but not recommended	NA	Region A does not recommend specific drought management strategies.	
(f) (4)	List and summary of any other recommended drought management measures, if any, that are included in the RWP, including associated triggers if applicable	NA	Region A does not recommend specific drought management strategies.	



Regulatory Citation (Col 1)	Summary of Requirement (Col 2)	Response (Yes/No/ NA) (Col 3)	Location(s) in Regional Plan and/or Commentary (Col 4)	Regulatory Cross References (Col 5)
(g)	Evaluate potential emergency responses to local drought conditions or loss of existing water supplies; the evaluation shall include identification of potential alternative water sources that may be considered for temporary emergency use by WUGs and WWP in the event that the existing water supply sources become temporarily unavailable to the WUGs and WWPs due to unforeseeable hydrologic conditions such as emergency water right curtailment, unanticipated loss of reservoir conservation storage, or other localized drought impacts. RWPGs shall evaluate, at a minimum, municipal WUGs that: (1) have existing populations less than 7,500 (2) rely on a sole source for its water supply regardless of whether the water is provided by a WWP (3) all county-other WUGs	Yes	7.4	
(h)	Consider any relevant recommendations from the Drought Preparedness Council.	Yes	Chapter 7	
(i)	Make drought preparation and response recommendations regarding:			
(i) (1)	Development of, content contained within, and implementation of local drought contingency plans required by the Commission	Yes	7.2, 7.5 and Attachment 7-1	
(i) (2)	Current drought management preparations in the RWPA including: (A) drought response triggers; and (B) responses to drought conditions;	Yes	7.2, 7.5 and Attachment 7-1	
(i) (3)	The Drought Preparedness Council and the State Drought Preparedness Plan	Yes	7.7.1	
(i) (4)	Any other general recommendations regarding drought management in the region or state	Yes	7.7.2	
(j)	Develop region-specific model drought contingency plans.	Yes	7.5.3, <a href="http://www.panhandlewater.org/">http://www.panhandlewater.org/</a>	
<b>Chapter Eight Policy Recommendations and Unique Sites</b>				
<b>31 TAC §357.43</b>				
357.43 (a)	The RWPs shall contain any regulatory, administrative, or legislative recommendations developed by the RWPGs	Yes	8.5, 8.6, 8.7	
(b)	May include in adopted RWPs recommendations for all or parts of river and stream segments of unique ecological value located within the RWPA by preparing a recommendation package consisting of a physical description giving the location of the stream segment, maps, and photographs of the stream segment and a site characterization of the stream segment documented by supporting literature and data. The recommendation package shall address each of the criteria for designation of river and stream segments of ecological value found in this subsection. The RWPG shall forward the recommendation package to the Texas Parks and Wildlife Department and allow the Texas Parks and Wildlife Department 30 days for its written evaluation of the recommendation. The adopted RWP shall include, if available, Texas Parks and Wildlife Department's written evaluation of each river and stream segment recommended as a river or stream segment of unique ecological value.	NA	8.3	
(b) (1)	May recommend a river or stream segment as being of unique ecological value based upon the criteria set forth in §358.2 of this title (relating to Definitions)	NA	8.3	§358.2
(b) (2)	For every river and stream segment that has been designated as a unique river or stream segment by the legislature, during a session that ends not less than one year before the required date of submittal of an adopted RWP to the Board, or recommended as a unique river or stream segment in the RWP, the RWPG shall assess the impact of the RWP on these segments. The assessment shall be a quantitative analysis of the impact of the plan on the flows important to the river or stream segment, as determined by the RWPG, comparing current conditions to conditions with implementation of all recommended water management strategies. The assessment shall also describe the impact of the plan on the unique features cited in the region's recommendation of that segment	NA	8.3	
(c)	May recommend sites of unique value for construction of reservoirs by including descriptions of the sites, reasons for the unique designation and expected beneficiaries of the water supply to be developed at the site. The criteria at §358.2 of this title shall be used to determine if a site is unique for reservoir construction.	NA	8.4	§358.2
(d)	Any other recommendations that the RWPG believes are needed and desirable to achieve the stated goals of state and regional water planning including to facilitate the orderly development, management, and conservation of water resources and prepare for and respond to drought conditions.	Yes	8.8	
(e)	May develop information as to the potential impacts of any proposed changes in law prior to or after changes are enacted.	Yes	8.5	
(f)	Consider making legislative recommendations to facilitate more voluntary water transfers in the region.	Yes	8.5	
<b>Chapter Nine Infrastructure Financing Analysis</b>				
<b>31 TAC §357.44</b>				
357.44	Assess and quantitatively report on how individual local governments, regional authorities, and other political subdivisions in their RWPA propose to finance recommended water management strategies.	Yes	Infrastructure financing report will be in Final RWP.	
<b>Chapter Ten Public Participation and Plan Adoption</b>				
<b>31 TAC §357.21</b>				
357.21 (a)	Conduct all business in meetings posted and held in accordance with the Texas Open Meetings Act, Texas Government Code Chapter 551, with a copy of all materials presented or discussed available for public inspection prior to and following the meetings.	Yes	Chapter 10	Texas Government Code Chapter 551
(b-d)	All public notices required by the TWDB by the RWPG shall comply with 31 TAC §357.21 and shall meet the requirements specified therein.	Yes	Chapter 10	
<b>31 TAC §357.50</b>				

Regulatory Citation (Col 1)	Summary of Requirement (Col 2)	Response (Yes/No/ NA) (Col 3)	Location(s) in Regional Plan and/or Commentary (Col 4)	Regulatory Cross References (Col 5)
357.5 (a)	Submit their adopted RWPs to the Board every five years on a date to be disseminated by the EA, as modified by subsection (e)(2) of this section, for approval and inclusion in the state water plan.	Yes	The Region A Water Plan will be submitted to the EA accordingly.	
(b)	Prior to the adoption of the RWP, the RWPGs shall submit concurrently to the EA and the public an IPP. The IPP submitted to the EA must be in the electronic and paper format specified by the EA. Each RWPG must certify that the IPP is complete and adopted by the RWPG.	Yes	Chapter 10	
(c)	Distribute the IPP in accordance with §357.21(d)(5) of this title (relating to Notice and Public Participation).	Yes	Chapter 10 - To be included in Final Plan.	
(d)	Solicit, and consider the necessary comments when adopting a RWP.	Yes	Comments will be included in the Final Report.	
(e)	Submit the IPP and the adopted RWPs and amendments to approved RWPs to the EA in conformance with 31 TAC §357.50 (e).	Yes	The Region A Water Plan will be submitted to the EA accordingly.	
(f)	Submit in a timely manner to the EA information on any known interregional conflict between RWPs.	NA	There are no known interregional conflicts between RWPs.	
(g)	Modify the RWP to incorporate Board resolutions of interregional conflicts	NA	See above	
(h)	Seek to resolve conflicts with other RWPGs and shall participate in any Board sponsored efforts to resolve interregional conflicts.	NA	See above	
<b>Chapter Eleven Implementation and Comparison to the Previous Regional Water Plan</b>				
<b>31 TAC §357.45</b>				
357.45 (a)	Describe the level of implementation of previously recommended water management strategies. Information on the progress of implementation of all water management strategies that were recommended in the previous RWP, including conservation and drought management water management strategies; and the implementation of projects that have affected progress in meeting the state's future water needs.	Yes	11.3	
(b)	RWPGs shall provide a brief summary of how the RWP differs from the previously adopted RWP with regards to:			
(b) (1)	Water demand projections	Yes	11.2.2	
(b) (2)	Drought of record and hydrologic and modeling assumptions used in planning for the region	Yes	11.2.3	
(b) (3)	Groundwater and surface water availability, existing water supplies, and identified water needs for WUGs and WWPs	Yes	11.2.4, 11.2.5, 11.2.5	
(b) (4)	Recommended and alternative water management strategies.	Yes	11.2.7	