

Agenda Item 5d. Water Management Survey Results

As a part of the regional water planning process, the consultant sent out surveys starting on April 26, 2024 to all 65 Water User Groups (WUGs) in Region F. WUGs are defined by the Texas Water Development Board (TWDB) as any entity that is planned for in the regional and state water plans that is a retail provider providing more than 100 acre-feet per year of water.

The survey requested confirmation on WUGs' sales to other entities (if applicable), current (existing) water supplies, resulting water needs, and proposed water management strategies (WMS). Water management strategies are planned water supply projects designed to meet a water supply need, and can include projects like new wells, new pipelines or pump stations, reuse projects, or other water infrastructure projects. The survey included a list of recommended and alternative strategies included in the 2021 Region Water Plan for the WUG's reference.

This agenda item reviews the responses received from the survey and any subsequent changes that were addressed due to the survey responses.

Attachment:

Example WUG Survey

Dear WUG:

The Texas Water Development Board (TWDB), which is responsible for developing the [State Water Plan](#), is in the sixth cycle of regional and state water planning. Population and water demand projections for this cycle of planning have already been finalized. The Region F Water Planning Group is soliciting input on your entity's **wholesale water customers, currently available water supplies (existing supplies), resulting needs, and water management strategies (planned future water supply projects)** for the 2026 Region F Water Plan. This information is crucial to developing a water plan that accurately reflects the water needs of our region. The Region F Water Planning Group has selected a team of consultants led by Freese and Nichols, Inc., to help with the development of the regional water plan.

As a retail water provider that provides more than 100 acre-feet of water per year, the Texas Water Development Board (TWDB) has identified you as a water user group, which is an entity that is planned for in the regional and state water plans. We are seeking your input on data necessary to prepare the plan and comply with Legislative requirements. In April 2023, we solicited input on your population and water demand projections. These projections have been adopted by the TWDB and cannot be changed at this stage of the planning process. We have included them in the table below for your information and completeness.

We are now asking you to confirm your wholesale water customers, currently available water supplies, and provide input on planned future water management strategies for your entity. Water management strategies are planned water supply projects to meet a water supply need, and include projects like new groundwater wells, new pipelines or pump stations, reuse projects, etc. We have included the recommended and alternative strategies included in the 2021 Region Water Plan for your reference. *Note: Only water management strategies that are included in the Regional Water Plans are eligible for TWDB SWIFT financing.*

Please assist us in this planning process by replying to this survey with your most up-to-date information **by EOD Friday May 10, 2024.**

- 1) Do you agree with the Wholesale Water Customers listed in the table below? If not, please provide changes below. Retail service area population and water demand projections for this cycle of planning have already been finalized and cannot be changed.

WUG NAME						
	2030	2040	2050	2060	2070	2080
Population (Retail Service Area Only)	15,000	20,000	23,000	27,000	30,000	35,000
Water Demands (ac-ft/yr)						
Retail Service Area Demand	4,000	5,000	6,000	7,000	8,000	10,000
Sales to WUG X	200	200	200	200	200	200
Total Demand (ac-ft/yr)	4,200	5,200	6,200	7,200	8,200	10,200

Existing Supplies (ac-ft/yr)	4,000	4,000	4,000	4,000	4,000	4,000
Need [Existing Supplies - Total Demand] (ac-ft/yr)	(200)	(1,200)	(2,200)	(3,200)	(4,200)	(6,200)

*Demands represent dry year conditions and are shown in acre-feet per year (1 million gallons/day (MGD) = 1,121 acre-feet per year.).

- 2) Do you agree with the Currently Available Water Supply sources listed in the table below? If not, please provide changes or comments below.

2026 Region F Water Plan		Comments
2026 Draft Supply Source	2026 Draft Supply in 2030 (ac-ft/yr)	
Self-supplied from Source 1	2,000	(THIS IS AN EXAMPLE)
Self-supplied from Source 2	2,000	

- 3) Are the Water Management Strategies from the 2021 Region F Water Plan listed in the table below still applicable? If not, please provide changes in the grey blanks provided. Are there new strategies to include in the 2026 Plan? Water management strategies are planned water supply projects to meet a water supply need, and include projects like new groundwater wells, new pipelines or pump stations, reuse projects, etc. We have included recommended and alternative strategies in the 2021 Region Water Plan for your reference. *Note: Only water management strategies that are included in the Regional Water Plans are eligible for TWDB SWIFT financing.*

2021 Water Management Strategies				Comment
Strategy Name	Quantity (ac-ft/yr)	Strategy Implementation Decade	Recommended or Alternative Strategy?	
Municipal Conservation - WUG	50	2030	Recommended	(THIS IS AN EXAMPLE)
Develop Aquifer Supplies in X County	2,000	2030	Alternative	(THIS IS AN EXAMPLE)

New Strategy?				
New Strategy?				

3) Are there any Water Management Strategies listed under question #2 above that you are actively in the process of implementing or have already implemented (permitting, design, construction, or completed)? If yes, please list them in the table below.

Name of Water Management Strategy Currently Being Implemented	Stage of Implementation	Expected Date of Completion	Additional Comments (phasing, concerns, etc.)