



NORTH TEXAS MUNICIPAL WATER DISTRICT
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**MINUTES OF WORK SESSION MEETING
OF THE BOARD OF DIRECTORS
FEBRUARY 17, 2022**

The North Texas Municipal Water District (NTMWD) Board of Directors met in a Work Session meeting on Thursday, February 17, 2022, at 1:00 p.m. Notice of the meeting was legally posted in accordance with Government Code, Title 551, Open Meetings.

I. CALL TO ORDER

President Phil Dyer called the meeting to order at approximately 1:00 p.m.

President Dyer advised the following regarding the meeting:

The meeting today is being conducted in person with two-way video and audio communication between Board members participating by videoconference, establishing a quorum. The public may attend the meeting in person. Audio and video of Board members participating by videoconference will be visible. Members of the public wishing to listen to live audio from the meeting may do so by calling in.

II. ROLL CALL/ANNOUNCEMENT OF QUORUM

The roll was called, and attendance was confirmed as follows:

	DIRECTORS	ABSENT	REMOTE
1	Anderson, Terry Sam		
2	Appolito, Robert	√	
3	Boren, Kalen	√	
4	Carr, John		
5	Crump, George		
6	Dyer, Phil		
7	Farmer, Joe		
8	Fuller, Marvin		
9	Gordon, Don		
10	Hollifield, David		
11	Imrie, Chip		
12	Johnson, Blair	√	
13	Kelley, Ron		√

14	Kerr, James (Jim)		
15	Kever, Geralyn		
16	May, Jack		
17	Murphy, John		√
18	Parks, Larry		√
19	Patrick, Brenda Jean		√
20	Peasley, Richard		
21	Shuyler, Lynn		
22	Stephens, Keith		
23	Sweeden, John		
24	VACANCY- Princeton		

The following NTMWD legal and engineering consultants attended the meeting:

Sara Thornton – Lloyd Gosselink Rochelle & Townsend
 Tom Gooch and Lissa Gregg – Freese & Nichols, Inc.

III. OPENING REMARKS

- A. President’s Remarks concerning current events, conduct of meeting, posted agenda items, committee assignments, and related matters

President Dyer expressed his appreciation to those in attendance and briefly reviewed the process for this meeting.

- B. Executive Director’s Status Report concerning legislation and regulatory matters, budgets, current projects and ongoing programs of the District including the Regional Water System, Regional Wastewater System, Regional Solid Waste System, Watershed Protection, and Water Conservation

Executive Director Jenna Covington reviewed the NTMWD Vision which states, “Regional service through unity: meeting our region’s needs today and tomorrow.” She offered comments regarding the Board’s responsibility to prepare for the future. She advised the focus for the meeting will be to discuss strategies for the future and refine those as needed.

IV. PUBLIC COMMENTS

Prior to the start of the meeting, speakers must complete and submit a “Public Comment Registration Form.” During the public comment portion of the meeting, speakers will be recognized by name and asked to provide their comments. The time limit is three (3) minutes per speaker, not to exceed a total of thirty (30) minutes for all speakers. The Board may not discuss these items but may respond with factual or policy information.

There were no requests for public comment.

V. DISCUSSION ITEMS

President Dyer advised that Items A. and B. will be discussed together. District staff and Freese & Nichols consultants will present the items.

- A. Discuss Member City and Customer per capita water demand
- B. Update on Long Range Water Supply Plan

Assistant Deputy R.J. Muraski reviewed the handout provided to the Board Members and advised that Tom Gooch and Lissa Gregg with Freese and Nichols, Inc. would be presenting information today as well as NTMWD staff. He briefly reviewed the schedule for the meeting. Mr. Muraski advised that feedback from the Board Members is requested regarding water management strategies. He noted that the plan will be updated every five (5) years.

Gallons Per Capita Demand - Lissa Gregg reviewed the information provided at the Water Committee meeting (on January 26, 2022) in regard to GCPD (Gallons Per Capita Demand.)

Populations and Demands - Tom Gooch provided an overview of the planning process and scenarios to consider when planning for future water demands. Considerations include population projections, current commitments and dry year demands, existing supplies and water rights, reduction or interruption of existing supplies, future water supply needs, and water management strategies.

Existing Supplies and Water Rights – Deputy Director Billy George provided a review of the District's sources for existing water rights and dry year reliable supplies related to Lavon Lake, Lake Chapman, Wilson Creek Wastewater Treatment Plant, East Fork Raw Water Supply Project, Main Stem Pump Station, Lake Texoma (Wylie and Leonard Water Treatment Plants), Upper Sabine, Lake Bonham, and Bois d'Arc Lake. The total permitted amount of water from these sources is 794 million gallons per day and dry year reliable supply is 447 million gallons per day. A projection for these sources in dry years from 2025 to 2080 was provided. Considerable discussion followed regarding water supplies and population projections.

Future Water Supply Needs – Mr. Gooch provided a presentation on major assumptions for existing water supplies for Expected Supply, Higher Supply, and Lower Supply. Factors included population, return flows, reservoir yields, Texoma blending, and the contract with the Sabine River Authority.

Expected demand and supply to 2080 with Texoma water at the Leonard Water Treatment Plant was presented. The projections reflect that a new water source needs to be online by 2036. A chart representing the anticipated gap between the District's current commitments and supplies was provided based on projected population from 2025 to 2080.

In response to a Director's question, Mr. Gooch advised that the projections presented include the District's current customers plus Fannin County, which will be a customer in the future. Discussion of reuse water and evaporation rates followed.

Potential Future Customers – Mr. Muraski advised that each year approximately 55,000 people move into the District's service area. He advised that the cities of Celina, Blue Ridge, and Weston, as well as the remainder of Collin County have submitted formal

requests to become customers of the NTMWD in the future. He added that they have been planned for as part of Region C and were included in the Bois d'Arc Lake 404 permit. He noted that Celina's current population estimate is considerably higher than previously known. President Dyer inquired whether the District can legally decline to serve an applicant. Attorney Sara Thornton responded that the District's enabling legislation obligates the District to its Member cities, not to Customers without a contract. She noted that the contracts written include language that Member cities have priority in regard to water supplies. Mr. Muraski presented information regarding the impact of these potential future Customers.

President Dyer called for a recess at 2:58 p.m. The meeting reconvened at 3:10 p.m.

Water Management Strategies – Mr. Muraski reviewed strategies that are currently ongoing and will not be included in this presentation as follows:

- Expansions at the Leonard Water Treatment Plant
- Connection from Lake Texoma to the Leonard Water Treatment Plant for blending
- Renewal of the Interim Upper Sabine Contract (Lake Fork, Lake Tawakoni)
- Other additional Reuse Water Rights

Mr. Muraski provided background on the screening process used by staff when preparing the 24 potential Water Management Strategies. Those 24 will be evaluated based on established criteria. Based on evaluation, up to eight will be considered for recommendation and further cost evaluation for inclusion in the Capital Improvement Program. The evaluation criteria includes Supply Quantity, Reliability, Water Quality, Certainty, Cost, Environmental Impacts, Legal and Regulatory Requirements, and Time to Implement.

Lissa Gregg provided a list of Water Management Strategy Types, including Advanced Water Conservation, Groundwater and Aquifer Storage and Recovery, Water Reuse, Existing Surface Water Sources, and New Surface Water Sources. Specific Strategies were categorized by Type. A location map that included potential water sources was provided.

A listing of the Strategies was reviewed. Pros and Cons for each were provided. Comments and suggestions from Board Members were received. In response to a Director's question, Executive Director Covington responded that Customer City contracts include language related to water conservation. Discussion regarding additional use of Texoma water and endangered species followed. Permitting strategies for existing surface water were briefly discussed. A listing of potential new surface water was provided however, it was noted that new surface water sources could take 25 - 50 years to fully implement.

Billy George asked Board members if there are any other Strategies that should be considered during this evaluation. Suggestions included water sharing, methods to reduce evaporation, and communication with legislators concerning growth and providing funding for water sources.

President Dyer confirmed with Mr. George that he and staff will be working on short-term goals that will run parallel to the Long Range Water Supply Plan. Executive Director Covington advised that a discussion on this matter will be on the next Board agenda.

Mr. George provided a summary of today's discussion and reviewed the next steps.

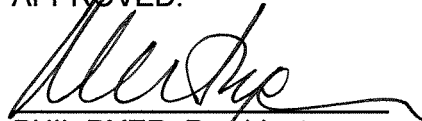
Responses from Directors included the need to communicate to the affected cities that resolving the future water issues comes at a cost, and if not addressed, people need to know that water will be limited.

Executive Director Covington advised that the next Work Session on this matter will be in the fall of 2022. In the interim staff will evaluate the Strategies and estimate costs.


VI. ADJOURNMENT

There being no further business, the meeting adjourned at approximately 4:37 p.m.

APPROVED:


PHIL DYER, President

ATTEST:


RICHARD PEASLEY, Secretary

