



## **NORTH TEXAS MUNICIPAL WATER DISTRICT**

**501 E. Brown Street • Wylie, Texas 75098  
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### **MINUTES OF WORK SESSION MEETING OF THE BOARD OF DIRECTORS AUGUST 19, 2021**

The North Texas Municipal Water District (NTMWD) Board of Directors met in a Work Session meeting on Tuesday, August 19, 2021, at 1:30 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 1:31 p.m.

President Dyer advised the following regarding today's meeting:

In accordance with the COVID-19 public health threat and the related March 16, 2020, action by the Office of the Governor, temporarily suspending certain provisions of the Texas Open Meetings Act, NTMWD will hold its meeting by telephonic conference call.

In lieu of physical attendance of the meeting, the public may teleconference in to the Board meeting by calling 1 (844) 621-3956 and entering the following access code: 928 587 040. Members of the public joining by teleconference and wishing to make public comment during the meeting should follow the instructions for on-line registration listed under Item VIII. below no later than the start time of the meeting. The meeting will be recorded and the audio recording will be available on the NTMWD website after the meeting. In addition, the public may attend the meeting in person at 501 E. Brown Street Wylie, Texas 75098. Members of the public wishing to make public comment in person at the meeting should follow the registration instructions provided at the meeting location.

#### **II. ROLL CALL/ANNOUNCEMENT OF QUORUM**

The roll was called, and attendance was confirmed by teleconference or in person as follows:

1	Anderson, Terry Sam		Remote
2	Appolito, Robert	Absent	
3	Boren, Kalen	Absent	
4	Carr, John		Remote
5	Crump, George		
6	Dyer, Phil		

7	Farmer, Joe		
8	Fuller, Marvin		Remote
9	Gordon, Don		
10	Hollifield, David		Remote
11	Imrie, Chip		Remote
12	Johnson, Blair		Remote
13	Kelley, Ron		
14	Kerr, James (Jim)		
15	Kever, Geralyn		
16	May, Jack		
17	Murphy, John		Remote
18	Obera, Marlo		Remote
19	Parks, Larry		
20	Patrick, Brenda Jean		Remote
21	Peasley, Richard		
22	Shuylar, Lynn		Remote
23	Stephens, Keith		
24	Sweeden, John		Remote

The following NTMWD consultants attended the meeting:

Sara Thornton and Mike Gershon – Lloyd Gosselink Rochelle & Townsend  
Tom Gooch and Lissa Gregg - Freese and Nichols, Inc.  
Mike Rickman – Rickman Consulting

### III. INSTRUCTIONS FROM MODERATOR

Executive Director Jenna Covington served as moderator for the meeting and provided instructions to Board members, staff and the public for conducting the meeting by teleconference and in person.

### IV. OPENING REMARKS

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

President Phil Dyer offered brief comments regarding today's agenda.

- 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 advised that the District's workforce is being affected by the rise in the number of COVID-19 cases and stated she has communicated with the staff encouraging those that can be vaccinated and to wear masks. She advised those in attendance at the meeting that masks are available at this meeting for those who would like one.

Executive Director Covington offered comments regarding today's discussions and advised that in preparation for this meeting she has communicated with some of the District's stakeholders and partners. She noted that a discussion regarding Long Range Water Supplies was purposely timed to the Bois d'Arc Lake completion.

**V. PUBLIC COMMENTS**

***INSTRUCTIONS FOR PUBLIC COMMENT ON-LINE REGISTRATION:*** Prior to the start of the Board meeting, members of the public joining by teleconference and wishing to provide public comment must submit via email to [PublicRelations.Info@ntmwd.com](mailto:PublicRelations.Info@ntmwd.com) their first and last name, organization, comment topic, mailing address and email address. Members of the public attending in person should follow the registration instructions provided at the meeting. During the public comment portion of the meeting, speakers will be recognized by name and asked to provide their comments. The time limit is five (5) 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 comments.

**VI. DISCUSSION ITEMS**

**A. Overview and Update on Long Range Water Supply Planning Efforts**

Assistant Deputy R.J. Muraski presented this segment of the meeting. He reviewed that earlier this year the Board approved the preparation of a new Long Range Water Supply Plan that will provide plans for future water supplies through the year 2080. The projections will include population, demands, water supply needs, options for the future, and an implementation plan. He added that the Plan can be updated every five years. A contract for the Plan was awarded in February 2021 and is expected to be completed in 2022.

Mr. Muraski reviewed the planning process involved in maintaining a water supply. Definitions and key terms used in this presentation were reviewed. He reviewed the State Water Planning Process, and noted that NTMWD is in Region C. Advantages and disadvantages in Region C's planning process were reviewed. He described how different scenarios and water supply estimates are used in the planning process.

Several Directors offered comments regarding the presentation. In response to a question, Mr. Muraski advised that the state's goal for gallons per capita per day (GPCD) water usage is 140. He noted however that at this time weighted average of the District Member and customers ranges from 160 to 180 GPCD, including water re-use.

Tom Gooch with Freese and Nichols presented information on the area served by the District, and the District's water supplies that include Lake Texoma, Lake Bonham, Chapman Lake, Lake Fork, Lake Tawakoni, Lake Lavon, and soon, Bois d'Arc Lake. The permitted water supply amounts for each were provided. He reviewed the "firm yield" that can be provided from a particular reservoir, and how it is calculated based on the "drought of record". Historical data on droughts was provided. Mr. Gooch advised that updated yield projections for Bois d'Arc Lake

(BDL) are lower than when originally estimated due to the BDL watershed experiencing a new drought of record between 2010 and 2014. He reviewed factors that will impact long range water supplies including population updates, evaluation of other existing supply sources, conservation and reuse, climate variability, future blend ratios with Lake Texoma, and the timing of future Leonard Water Treatment Plant phases. Mr. Gooch also provided information on other area lakes impacted by the new drought of record.

President Dyer called for a recess at 2:50 p.m. The meeting reconvened at 3:03 p.m.

Lissa Gregg, Project Manager for the Long Range Water Supply Plan (Freese and Nichols) continued the presentation. She presented information regarding the need to plan for uncertainty. Demand growth faster than projected, supply sources becoming unavailable, and less than expected supplies should be considered. She suggested an additional 10 percent allowance over the expected needs should be considered. Ms. Gregg advised that the 2040 population estimate is approximately 17 percent higher than anticipated in the previous 2013 Long Range Plan. This estimate is based on existing members and customers only. The draft 2080 population estimate is approximately 3.8 million people. The draft average demand projections were also higher than in 2013, however the average demands are lower (7 percent) than the population projections due to efforts at water conservation. In response to a Director's question, Ms. Gregg advised that land use and development plans are considered when determining the estimates.

Director Brenda Jean Patrick requested that staff provide a summary of the stakeholder responses to the surveys used to prepare the population and demand estimates.

R.J. Muraski provided the next segment of the agenda: Future Service Area. He reviewed the enabling legislation dated March 1, 1951. He reviewed the definitions, and a map depicting the current service area of the District, and the future service area in Fannin County due to Bois d'Arc Lake. Additional maps reflecting other potential service areas were also provided (northern Collin County and an area north of Lake Tawakoni.) Demand projection graphs for Region C and the town of Celina were provided. Mr. Muraski explained that the Region C plan forecasts the District to supply a portion of Celina's future demands, but not all that Celina is requesting the District to supply and inquired of the Directors whether they would like to consider Celina as a future service area. It was noted by Executive Director Covington that currently Celina is served by the Upper Trinity Regional Water District. She advised it makes sense for the Region C plan to include some supply from the District from a geographic standpoint that Celina could be served by two water districts, with the eastern portion being served by NTMWD.

Director Terry Sam Anderson expressed that the District needs to be sure it can provide for its existing members and customers before considering expanding its service area. President Dyer suggested a separate meeting to consider this matter. Discussion followed as to the cost of water and how it affects usage. Executive Director Covington provided an overview of the conversations she had with some city managers regarding the District expanding its service area. She advised some of the current members and customer cities are impacted by growth in the smaller cities, and it was noted that water is needed for economic

development. She advised that the contract cost of the water might need to be considered for potential new service areas.

Director John Carr requested a future discussion regarding possibly changing the enabling legislation language to include service areas added by the District beyond the original East Fork Trinity River Watershed.

Director George Crump asked the status of the District being able to provide water with its current facilities and sources, and without cost increases. He also advised he would need the cost for an expansion area prior to considering one. Executive Director Covington responded that she feels the District can continue to supply its customers as they are now and stated that with each discussion regarding adding a service area the cost and other details would be provided.

Executive Director Covington stated that this presentation today is to identify future potential service areas, noting that the Plan can be updated every five years. She inquired whether the Directors agree to continue planning as presented. She noted that including a potential service area in the planning stages does not commit the District to serve that area.

Discussion followed as to the aspects of considering additional service areas and what is involved for staff to develop plans. Directors' comments included concern for the District being able to provide needed water and the cost of doing so.

B. Update on Addressing Near Term Water Supply Needs

At 4:01 p.m. President Dyer announced the need for an Executive Session of the Board of Directors to discuss the following agenda items:

- Agenda Item Section VI. Discussion Item No. A. on the agenda pursuant to Texas Government Code, Title 5, Subchapter D., Section 551.071, Consultation with Attorney; and,
- Agenda Item Section VI. Discussion Item No. B on the agenda pursuant to Texas Government Code, Title 5, Subchapter D., Section 551.072, Deliberations about Real Property.

President Dyer confirmed with staff that the public access line was disconnected and that the audio recording was disabled during the Executive Session discussion.

Open Session reconvened at 5:10 p.m. No action was taken in Executive Session. The public teleconference line was reconnected.

President Dyer advised discussion on Item VI. B. would continue.

B. Update on Addressing Near Term Water Supply Needs

R.J. Muraski advised reuse water rights applications for Bois d'Arc Lake and the Sister Grove facility will be coming before the Board possibly next month. Additionally, renewal of the Sabine River Authority interim contract extension is

approaching as well as the Main Stem Pump Station SWAP agreement with Dallas Water Utilities.

C. Discussion of Next Steps in Water Supply Planning Efforts

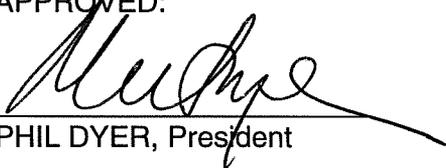
R.J. Muraski summarized some of the information provided during this meeting. He briefly reviewed the Long Range Water Supply schedule.

Executive Director Covington expressed that future discussions will be held regarding expanding service areas.

II. **ADJOURNMENT**

There being no further business, the meeting adjourned at approximately 5:16 p.m.

APPROVED:



PHIL DYER, President

ATTEST:



RICHARD PEASLEY, Secretary

