



NTMWD.COM

NORTH TEXAS MUNICIPAL WATER DISTRICT

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WATER COMMITTEE MEETING MINUTES NOVEMBER 17, 2021

The Presiding Officer will be present at the meeting location, the NTMWD Administrative Offices, 501 E. Brown Street, Wylie, Texas 75098, with two-way video and audio communication between Board members participating by videoconference, establishing a quorum. The public may attend the meeting in person at the meeting location. Audio and video of Board members participating by videoconference will be visible to members of the public in attendance at the meeting location. The meeting will be recorded, and the audio recording will be available on the NTMWD website after the meeting.

Members of the public wishing to listen to live audio from the meeting may do so by calling in at (469) 210-7159 or toll free (844) 621-3956 and entering the following access code: 928 587 040. Please note this line will not provide for two-way communication and public comment at the meeting must be made in person at the meeting location.

I. CALL TO ORDER

Chairman Keith Stephens served as the Presiding Officer and called the meeting of the North Texas Municipal Water District (NTMWD) Water Committee to order at 3:02 p.m. on Wednesday, November 17, 2021. The meeting was held with two-way video and audio communication between Board members participating by videoconference, establishing a quorum. General instructions were provided to attendees. Any reference to unanimous votes refers to a unanimous vote of the Committee members present.

The following Water Committee members were present; therefore, a quorum was present.

	Water Committee Members	Attendance
1	Terry Sam Anderson	Remote
2	Kalen Boren	Remote/Video on 3:10 p.m.
3	Don Gordon	Absent
4	David Hollifield	Present
5	Chip Imrie	Remote
6	James Kerr	Remote
7	Keith Stephens	Present

Members of the Executive Committee were present as well as other Board members and members of the NTMWD management team. Lauren Kalisek with Lloyd Gosselink Rochelle & Townsend attended via teleconference.

II. 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 Committee may not discuss these items but may respond with factual or policy information.

There were no requests for public comment.

III. OPENING REMARKS

- A. Chairman/Executive Director/Committee Champion Status Report concerning legislation and regulatory matters, budgets, current projects and ongoing programs of the District including the Regional Water System, Watershed Protection, and Water Conservation

Deputy Director Billy George advised the following:

- On the Board of Director's November agenda, there is an item not on the Water Committee agenda. Consent Agenda Item Number 21-11-04 for Bois d'Arc Lake Raw Water Pipeline Amendment No. 14 which authorizes final payment for seven work packages and reduces the overall project authorization by \$685,085.30 by reducing some scope items in the work packages.
- Another Item not on the Water Committee agenda is Consent Agenda Item Number 21-11-05 for the Trinity River Main Stem Pump Station and Raw Water Line which authorizes final payment for the project and reduces the guaranteed maximum price by \$3,887,554.94.
- The John Bunker Sands (JBS) Wetland Center has been nominated for the prestigious Leopold Conservation Award, an award that is given to the best examples of natural resource management in Texas. The selection committee is visiting the JBS Wetland Center at the end of November or early December to evaluate the Center's candidacy.
- NTMWD's ammonia chemical provider, Shrieve, has requested a price increase for ammonia due to significant increases in raw material cost. Shrieve provided market information documenting a sharp increase in ammonia prices and cited steep demand for natural gas as the main contributor. Our Purchasing Department is rebidding NTMWD's ammonia purchase contract to make sure NTMWD is getting the most competitive price possible, a move that is supported by Shrieve as they are currently taking a loss on loads delivered to NTMWD. NTMWD's contract with Shrieve does permit up to a 25% price increase from the original bid price of \$640 per ton to up to \$800 per ton. The current ammonia market has increased even higher. As an example, a recent ammonia bid by the City of Fort Worth came in at well over \$900 per ton.

- Earlier this week, Executive Director Jenna Covington emailed the Board of Directors and provided information related to the Environmental Working Group's website reporting of water quality. The email includes some important background and information related to the advocacy's website.

IV. ACTION ITEMS

A. Consider approval of Water Committee meeting minutes – October 27, 2021

Upon a motion by Director Chip Imrie and a second by Director James Kerr, the Water Committee voted unanimously to approve the October 27, 2021 meeting minutes. Director Kalen Boren was not present by video for the vote.

[Director Kalen Boren's video became active at 3:10 p.m. and prior to the remainder of the action items.]

B. **Authorize additional construction management services on Bois d'Arc Lake Program – Administrative Memorandum No. 5772**

- Consider recommendation on authorizing additional construction management services with Freese and Nichols, Inc. in the amount of \$1,631,567 for continuation of professional services

Deputy Director Cesar Baptista presented this item. He advised that this item is to recommend providing funding for continuation of services for Bois d'Arc Lake from outsourced professional engineers and senior construction managers well versed in dam, heavy civil, earthwork, mass concrete and heavy mechanical construction.

Deputy Director Baptista provided an overview of the staffing requirements for the Bois d'Arc Lake project and advised that since 2018 the District has contracted with Freese and Nichols, Inc. to augment staffing as needed. A graph reflecting the staffing levels, including those from Freese and Nichols, was provided. He provided an overview of today's three agenda items (A., B., and C.) for Construction Management Services, Program Management Services, and Inspection Services with Freese and Nichols, Inc. that combined totals \$4,106,667.

The number of hours requested for the Construction Management Services is 10,969. A chart reflecting each Bois d'Arc Lake Construction Management project and its authorized funding amounts was provided.

Upon a motion by Director Chip Imrie and a second by Director David Hollifield, the Water Committee voted unanimously to recommend approval to the Board of Directors.

C. **Authorize additional program management services on Bois d'Arc Lake Program – Administrative Memorandum No. 5773**

- Consider recommendation on authorizing additional program management services with Freese and Nichols, Inc. in the amount of \$2,062,000 for Project No. 101-0374-14, Bois d'Arc Lake Program Management

Deputy Director Baptista presented this item. He advised this action allows continuation of Program Management Services required for Bois d'Arc Lake, and it continues numerous services, as well as authorizing some new services. The program management function retains the services of individuals or firms experienced in project and document controls, scheduling and schedule review, quality assurance materials testing, resolving utility conflicts, reviewing and managing the ongoing cultural resource (archeology) work, roadway and local government support, right-of-way staff augmentation, and pipeline engineering project management. Mr. Baptista advised this request for Program Management Services includes an estimated 13,046 hours.

A summary of management services provided under this item was provided as follows:

- Program Management
- Quality Assurance (construction materials testing)
- Project Management Staff Augmentation (Including Right-of-Way)
- Archeology Coordination
- Sigler Communications
- Miscellaneous (ProjectMates licenses, Texas Water Development Board Assistance, GIS Mapping Assistance, Surveying)

In response to a Director's question, Mr. Baptista responded that the amount requested covers all other expenses, such as travel.

Upon a motion by Director Chip Imrie and a second by Director James Kerr, the Water Committee voted unanimously to recommend approval to the Board of Directors.

D. Authorize additional inspection services on Bois d'Arc Lake Program - Administrative Memorandum No. 5774

- Consider recommendation on authorizing additional inspection services with Freese and Nichols, Inc. in the amount of \$413,100 for the continuation of outsourced inspection services

Deputy Director Baptista presented this item. This item is to recommend authorizing funding for outsourced inspectors required for the Bois d'Arc Lake construction projects. This action will provide funding for outsourced inspectors who are well versed in dam, heavy civil earthwork, mass concrete, and heavy mechanical construction.

Mr. Baptista provided a table reflecting the number inspectors needed for the dam, mitigation, Leonard Water Treatment Plant and High Service Pump Station, and the Treated Water Pipeline.

The number of hours requested for the Inspection Services is 11,853. A table reflecting each Bois d'Arc Lake Inspection Services item and the authorized amounts was provided.

Upon a motion by Director Kalen Boren and a second by Director David Hollifield, the Water Committee voted unanimously to recommend approval to the Board of Directors.

E. **Authorize execution of a construction program management services agreement for the Wylie Water Treatment Plant – Administrative Memorandum No. 5775**

- Consider recommendation on authorizing the Executive Director to execute a construction program management services agreement with AECOM, Inc. in the amount of \$6,980,000 for the Wylie Water Treatment Plant Biologically Active Filtration, Ammonia System Improvements, and the Wylie Water Treatment Plant II Structural and Mechanical Improvements – Phase I projects

Engineering Manager Jeff Ray presented this item. He advised this item is to recommend authorizing funding for a construction program management services agreement for the Wylie Water Treatment Plant (WTP) Biologically Active Filtration (BAF), Ammonia System Improvements, and Wylie WTP II Structural and Mechanical Improvements – Phase I projects.

Mr. Ray provided details of the following Construction Management Services:

- Augmentation of Project Delivery and Inspection staff
 - Represent District's interests in administering CMAR
 - Documentation and reporting to District staff
 - Outsourced inspection support
- Program Labor Categories
 - Senior Construction Manager – Daily oversight; full time
 - Assistant Construction Manager – Onsite full time
 - Scheduler – review and independent assessment; part time
 - Document Support – administer routing and filing of documents
 - Inspectors – Onsite contract enforcement
- Manage Program staff
- Support monitoring/reporting of CMAR progress for
 - Budget and schedule
 - Cash flow and earned value
 - Change management
 - Participate in Quality Assurance (QA) and Safety coordination
- Construction Management
 - Monitor and administer daily coordination with CMAR, Engineer of Record and Inspectors
 - Manage efforts of Inspectors
 - Coordinate with District PM for ongoing plant operations
 - Monitor and report construction conformance, schedule, and QA
 - Coordinate with District's Construction Materials Testing
 - Provide monthly updates for briefing of Executive Management and Board

Mr. Ray advised that AECOM will also provide weekly updates to the District, GIS support, special topics presentations, and support the CMAR for commissioning and startup. Mr. Ray advised that three firms were interviewed, and AECOM was

selected based on experience. He noted that the contract amount is a not-to-exceed amount for a two-year period

In response to a Director's question, Mr. Ray advised that project is expected to be completed in mid to late 2025. A question was raised as to the cost per hour as compared to the Bois d'Arc Lake project. Mr. Ray provided summary of all the costs included in the amount, noting that several labor categories are included. Executive Director Covington also advised that the rates included in the Bois d'Arc Lake item are based on 2018 rates.

Upon a motion by Director James Kerr and a second by Director Chip Imrie, the Water Committee voted unanimously to recommend approval to the Board of Directors.

F. Authorize additional engineering services on Trinity River Lock and Dam No. 7 project - Administrative Memorandum No. 5776

- Consider recommendation on authorizing additional engineering services with Freese and Nichols, Inc. the amount of \$255,444 on Project No. 101-0550-19, Trinity River Lock and Dam No. 7

Jeff Ray presented this item. He advised approval of this item will recommend authorizing funding for additional engineering services associated with expedited development of a separate bid package for immediate response to needed slope stabilization and protection at the main stem of the Trinity River, adjacent to the Main Stem Pump Station air burst building, providing preemptive protection against further bank erosion that threatens this key NTMWD facility.

Mr. Ray reviewed that an expedited construction effort was discussed and authorized in October 2021. Preliminary design efforts were directed toward accelerating final design plans and an early bid package to stabilize the banks adjacent to the air burst building. A majority of funding for the preliminary design of Lock & Dam No. 7 was utilized to develop the design for this expedited stabilization. Mr. Ray explained that it is now necessary to provide additional funding to complete the preliminary engineering for the Lock & Dam No. 7 bank stabilization. A subsequent recommendation for final design is anticipated for February or March. A map of the site was provided.

Upon a motion by Director Terry Sam Anderson and a second by Director David Hollifield, the Water Committee voted unanimously to recommend approval to the Board of Directors.

V. DISCUSSION ITEMS

A. Fiscal Year 2022 Wylie Water Treatment Plant Shutdown Season update

Assistant Deputy Zeke Campbell presented this item. He explained that during the cooler months when water demands drop, plant construction and major maintenance activities are scheduled. He advised that at the Wylie Treat Plant there are four Plants, 1-4. Coordination between the four plants to maintain needed capacity during this time is essential.

Mr. Campbell reviewed the planned dates for plants going off-line in order to perform seven capital improvement projects, and eight scheduled major repairs and equipment replacements from November 2021 through May 2022. Major rehabilitation work on Plant 2 will take systems off-line through 2023. Schematics for Plant 2 were provided. A detailed review of the projects and schedule was provided.

- B. Opportunity for Committee members to provide feedback on Water Committee meeting

There was no feedback from Committee Members.

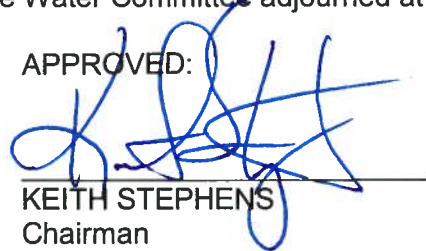
- C. Opportunity for Committee members to request potential future agenda items

There were no requests for potential future agenda items.

VI. ADJOURNMENT

There being no further business, the meeting of the Water Committee adjourned at 4:07 p.m.

APPROVED:



KEITH STEPHENS
Chairman