



NTMWD.COM

NORTH TEXAS MUNICIPAL WATER DISTRICT

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WATER COMMITTEE MEETING MINUTES JULY 21, 2020

I. CALL TO ORDER

Chairman Jack called the meeting of the North Texas Municipal Water District (NTMWD) Water Committee to order at 2:45 p.m. on Tuesday, July 21, 2020.

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, the public may teleconference into the meeting by calling toll free (1) (844)-621-3956 and entering the following access code: 928 587 040. Members of the public wishing to make public comment during the meeting should follow the instructions for on-line registration listed under Item II. 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.

General instructions were provided to attendees. The role was called, and teleconference attendance was confirmed of the Water Committee members including Chairman Jack May, Directors Terry Sam Anderson (3:10 p.m.), Joe Farmer, Marvin Fuller, Chip Imrie, Joe Joplin, and Keith Stephens. Any reference to unanimous votes refers to a unanimous vote of the Committee members 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 and Mark Walsh with Saunders Walsh & Beard attended via teleconference.

II. PUBLIC COMMENTS (FOR TELECONFERENCE COMMITTEE MEETINGS ONLY)

INSTRUCTIONS FOR PUBLIC COMMENT ON-LINE REGISTRATION: Prior to the start of the Water Committee meeting, members of the public wishing to provide public comment must submit via email to PublicRelations.Info@ntmwd.com their first and last name, organization, comment topic, mailing address and email address. 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 Committee may not discuss these items but may respond with factual or policy information. Public comment is provided for

committee meetings held by teleconference during the COVID-19 health threat to confirm the opportunity for two-way communication with the public during the meeting.

There were no public comment requests.

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

Assistant Deputy Billy George advised that Interim Executive Director Rodney Rhoades has a scheduling conflict and is not able to participate in this Water Committee meeting.

Mr. George advised that demands are rising quickly with the hot and dry weather that has set in. The team is pressed to get the Wylie Plant I new settling basins into service as well as the Plant IV expansion (70 MGD). A discussion item is included on the Water Committee agenda with attorney Mark Walsh to discuss delays to the construction projects.

Mr. George stated that the regional water conservation campaign advertisements began airing the week of July 13th. The regional campaign was developed with District partners, Tarrant Regional Water District and Dallas Water Utilities. This year's theme is: Water Is Awesome - Use It, Just Don't Waste It. He said the local campaign is being finalized and will be made available to the Board when completed.

A new Lavon Lake Watershed brochure to help in educating the public and promoting protection of the watershed was finalized this month and will be distributed at multiple regional functions and to Collin County cities. Mr. George said that the development was led by NTMWD Watershed Manager, David Cowan with input from other departments.

Mr. George stated that work toward supporting the John Bunker Sands Wetland Center expansion is continuing. He added that related action items will be brought to the Board in August 2020.

A Board workshop to discuss the Bois d'Arc Lake Shoreline Management Plan is scheduled for Thursday, August 23rd. Staff provided the draft Plan and presentation slides electronically to the Board on July 10th. Mr. George said that after the workshop, staff will update the Plan and bring action items to the August Water Committee and Board Meetings.

Mr. George advised that Jennifer Stanley, Bois d'Arc Lake Manager is working with Fannin County Commissioner Jerry Magness on the location of a county roads and bridges maintenance facility to meet the Fannin County agreement. Since the Lake is severing roads, NTMWD agreed to provide acreage for the precinct to use mainly for road maintenance activities. Mrs. Stanley has identified a possible property for the facility that is less than one acre.

Mr. George informed the Committee that there will be three Water related items on the Board of Directors Consent Agenda for this week that include:

- Encroachment Agreement with Rayburn County Electric Cooperative to allow an electrical easement to overlap the Leonard Water Treatment Plant treated water pipeline easement.
- Environmental Services Building additional parking spots paving construction award (\$114,000.)
- Wylie WTP II Sedimentation Basin Troughs Improvements Engineering Services Agreement to design replacement troughs for four basins (1, 5, 6, 8) (\$66,000.)

Chairman May advised that Board President Larry Parks is attending another meeting and is unable to be at this Water Committee meeting.

IV. ACTION ITEMS

- A. Consider approval of Water Committee meeting minutes – June 24, 2020

Upon a motion by Director Chip Imrie and a second by Director Joe Farmer, the Water Committee voted unanimously to approve.

- B. **Authorize additional engineering services for Leonard Water Treatment Plant project – Administrative Memorandum No. 5592**

- Consider recommendation on authorizing additional engineering services with Jacobs Engineering Group, Inc., in the amount of \$1,496,720 on Project No. 101-0384-15, Leonard Water Treatment Plant

Reservoir Project Manager Steve Long presented this item. He advised this item is to authorize additional engineering services with Jacobs for construction phase services and for coordination with Texas Commission on Environmental Quality (TCEQ) for source water approval and water treatment process approval. Mr. Long added that TCEQ approval is required before Bois d'Arc Lake can be used as a source water for the Leonard Water Treatment Plant (WTP.) TCEQ approval of the Leonard WTP water treatment process also is required prior to NTMWD being allowed to treat and deliver Bois d'Arc Lake water to the NTMWD service area. He reviewed the additional services to be provided during construction as well as the startup and commissioning services. A visual depiction of sampling and test sites and the lake water quality modeling was provided.

In response to a Director's question, Mr. Long advised that water quality at Bois d'Arc Lake is expected to be better than at Lavon Lake. He added that there may be an issue with Zebra mussels in the future.

Water System Manager Zeke Campbell informed the Committee that a corrosion control study is required by the TCEQ and will be updated in the future when Bois d'Arc Lake water is available.

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

C. **Authorize Amendment No. 14 to Construction Manager At-Risk Agreement for Partial Guaranteed Maximum Price for Leonard Water Treatment Plant and Bois d'Arc Lake Boat Ramps and Lake Facilities projects – Administrative Memorandum No. 5593**

- Consider recommendation on authorizing the Interim Executive Director to execute Amendment No. 14 to the Construction Manager At-Risk agreement for Partial Guaranteed Maximum Price No. 7 with Garney Companies, Inc., in the amount of \$18,582,436 on Project No. 101-0384-15 Leonard Water Treatment Plant and Project No. 101-0436-16 Bois d'Arc Lake Boat Ramps and Lake Facilities

Reservoir Project Manager Steve Long presented this item. He advised that this item is to authorize an amendment to the Construction Manager At-Risk Agreement with Garney Companies, Inc. for the Partial Guaranteed Maximum Price No. 7 for construction services for the startup and commissioning of the Leonard Water Treatment Plant. This action includes the commissioning of the system from the Bois d'Arc Raw Water Pump Station to the Leonard Water Treatment Plant and on to the Leonard High Service Pump Station. The Texas Commission for Environmental Quality approval of Bois d'Arc Lake as a source water and the Leonard Water Treatment Plant treatment and disinfection process is part of this project.

Mr. Long advised that included in this agreement is construction of the Dam Maintenance Facility, which includes an office/workshop building, a warehouse, and fueling station.

Mr. Long also advised this item also includes a request for an official name change of Project 101-0436-16 from Bois d'Arc Lake Boat Ramps to Bois d'Arc Lake Boat Ramps and Lake Facilities because this project includes the Lake Operations Center and Dam Maintenance Facility in addition to the boat ramps. He reviewed a list of additional items included for the Leonard Water Treatment Plant.

A map of facilities associated with the Lake and Treatment Plant was reviewed, and a site plan of the Dam Maintenance Facility was provided. Mr. Long reviewed the two bid proposals for the Dam Maintenance Facility. He noted that the lower cost bid was a non-conforming bid and did not reflect the best value for the project. Details of the proposed expenditure for this project were reviewed.

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

D. **Authorize additional archeological services for Bois d'Arc Lake – Administrative Memorandum No. 5594**

- Consider recommendation on authorizing additional archeological services with AR Consultants, Inc., in the amount of \$7,345,470 on Project No. 101-0237-11, Bois d'Arc Lake Archeological Services

Steve Long advised that this item is to authorize additional archeological services with AR Consultants, Inc. to mitigate six cultural resource sites in accordance with Section 106 of The National Historic Preservation Act, the Texas Antiquities Code,

and as required by special conditions of the Section 404 Permit of the Clean Water Act issued by the U.S. Army Corps of Engineers. The process includes identifying, evaluating, and mitigating cultural resource sites impacted by Bois d'Arc Lake. There are six sites identified in the Bois d'Arc Lake footprint requiring mitigation.

While evaluating and excavating cultural resources, additional burials were found at the Wilks and Bonham Cemeteries, resulting in a total of 57 burials from the two sites. The final reinternment will take place at the Oakwood Cemetery in Honey Grove, Texas. Mr. Long advised that in September he will bring forth an agreement with Oakwood Cemetery. Mr. Long noted that there are two additional sites located on the former Witcher property that contain extensive artifacts and at least one site has prehistoric burials.

In response to questions from Directors, Mr. Long advised that the dam notch is being closed now and the current archeological work has not impacted the timeline. He said that the boundaries of sites 118, 120 and 151 were determined with a geophysical survey, however it is unknown how many burials are in these sites. Mr. Long explained the geophysical survey process. Mr. Long noted that the District would pay a one-time maintenance fee to the cemeteries for care of the burial sites. A question was raised as to whether any monuments will be placed for the burial sites. Mr. Long advised that any existing headstones will be placed after reinternment in Oakwood, and Oakwood will have a monument explaining the history of the burials. The Caddo burial site will not have headstones in order to keep the area natural. This is at the request of the Caddo Nation.

Upon a motion by Director Joe Farmer and a second by Director Joe Joplin, the Water Committee voted unanimously to recommend approval to the Board of Directors.

E. Authorize adoption of Resolution No. 20-32 authorizing release of surplus funds from the FM 897 Relocation project – Administrative Memorandum No. 5595

- Consider recommendation on adoption of Resolution No. 20-32 authorizing the release of surplus funds in the amount of \$1,675,000 from the FM 897 Relocation, Project No. 101-0383-14

Chairman May advised that Agenda Items E. and F. are related and will be discussed together.

Steve Long advised that Item E. authorizes release of surplus right-of-way funds from the FM 897 Relocation Project, Project No. 101-0383-15. The right-of-way acquisition for FM 897 Relocation is substantially complete, and there is a surplus of \$1,675,000 available that can be used on a different project in the Bois d'Arc Lake program.

Mr. Long advised that Item F. authorizes additional funding in the amount of \$1,675,000 to acquire remaining properties for the Upper Bois d'Arc Creek Mitigation Property, which is part of the overall Bois d'Arc Lake Mitigation Property, Project No. 101-0366-14. Additional funding is needed to acquire the remaining properties and to complete property acquisition for the Upper Bois d'Arc Creek Mitigation Property. Mr. Long added that 280 additional acres will be purchased.

Upon a motion by Director Chip Imrie and a second by Director Joe Joplin (for Item E.), the Water Committee voted unanimously to recommend approval to the Board of Directors.

F. Authorize adoption of Resolution No. 20-33 authorizing funding to acquire remaining properties for Bois d'Arc Lake Mitigation project – Administrative Memorandum No. 5596

- Consider recommendation on adoption of Resolution No. 20-33 authorizing funding in the amount of \$1,675,000 to acquire remaining properties for the Bois d'Arc Lake Mitigation Project, Project No. 101-0366-14

(Discussion occurred under Item E.)

Upon a motion by Director Terry Sam Anderson and a second by Director Chip Imrie (for Item F.), the Water Committee voted unanimously to recommend approval to the Board of Directors.

G. Authorize award of construction contract and inspection services agreement on Wylie Water Treatment Plants Human Machine Interface and Data Server Upgrades – Administrative Memorandum No. 5597

- Consider recommendation on authorizing award of construction contract with Prime Controls, LP, in the amount of \$3,156,520 and inspection services agreement with Dietz Engineering in the amount of \$623,480 on Project No. 101-0515-18, Wylie Water Treatment Plants Human Machine Interface and Data Server Upgrades

Engineering Manager Jeff Ray presented this item. He advised this to authorize a construction contract and inspection services agreement to upgrade Water Treatment Plant operator workstation Human Machine Interface (HMI) graphics and replace related computer data servers. This update of the HMI graphics will allow all operator stations to align with current industry and NTMWD standards. Upgraded data servers will add capacity to meet growing demand driven by plant improvement and expansion projects. Fiber optic connectivity will be upgraded as well.

In response to a Director's question, Mr. Ray advised that the SCADA system is only housed on the in-house computer servers for security reasons and is separate from the business system.

Mr. Ray reviewed the bids received and advised that staff is recommending Prime Controls, LP for the construction portion of this item. Staff is recommending outsourcing the inspection services because of the special skills needed and the current workload of the District inspectors. He advised the project is expected to take 33 months to complete.

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

H. **Authorize award of construction contract for Wylie Rockwall Farmersville 48-inch Pipeline Improvements project– Administrative Memorandum No. 5598**

- Consider recommendation on authorizing award of construction contract with McKee Utility Contractors, Inc., in the amount of \$10,295,000 for Project No. 101-0490-18, Wylie Rockwall Farmersville 48-inch pipeline, Phase II, Improvements

Jeff Ray presented this item. He advised this item is to authorize a construction contract for the Wylie-Rockwall-Farmersville 48-inch Pipeline, Phase II. He advised that incremental pipe segment development toward and throughout the East Transmission System has resulted in flow and pressure inefficiencies under certain operating conditions. The addition of this 48-inch transmission line will provide needed hydraulic relief and redundancy as this service area continues to grow. Mr. Ray reviewed a map of the area with the pipeline location. Mr. Ray advised that in addition to providing a parallel path for efficient transfer of water into the East System, it will provide a strategic interconnection point that will allow abandonment rather than relocation of a critical pipeline in conflict with TxDOT at the intersection with S.H. 205. He added that the contract includes isolation valves, air release and blowoff valves, and cathodic corrosion protection measures.

Mr. Ray advised that 11 bids were received with a considerable variance in price. The low bidder was McKee Utility Contractors. Mr. Ray advised they have their own in-house tunneling team which, he believes, allows them to submit lower bids. He noted that the District has used them in the past and they have performed well.

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

I. **Authorize additional engineering services for Transmission System Water Quality Analyzers project – Administrative Memorandum No. 5599**

- Consider recommendation on authorizing additional engineering services with Gupta & Associates, Inc., in the amount of \$146,222 on Project No. 101-0510-18, Transmission System Water Quality Analyzers

Jeff Ray presented this item. He advised this is an authorization for additional engineering services to design and coordinate drain connections to off-site sanitary sewers. He explained that water quality analyzers to be installed produce a byproduct stream that must be discharged to a sanitary sewer. Ten of the analyzer locations have no immediate access to a sanitary sewer connection point. Connection will require routing of drain piping within new easements to a suitable discharge point.

Mr. Ray reviewed that this project's original engineering services agreement was in the amount of \$363,457.50 and was previously amended to add additional services in the amount of \$257,709.50. The additional services included in this item will add \$146,222 for a total revised engineering services amount of \$767,389.

Upon a motion by Director Keith Stephens and a second by Director Joe Farmer, the Water Committee voted unanimously to recommend approval to the Board of Directors.

V. DISCUSSION ITEMS

At 4:00 p.m. Chairman May announced the need for an Executive Session to discuss Item V. A. on the agenda pursuant to Texas Government Code, Section 551.071, Consultation with Attorney.

The Public Access line was disconnected during the Executive Session discussion.

- A. Update on on-going construction projects for Wylie Water Treatment Plants I and IV

Open Session reconvened at 4:32 p.m. The Public Access line was reconnected. No action was taken in Executive Session.

- B. Water exchange discussion

Director John Carr explained a concept for a commodities exchange of water between the cities. The District could provide this option as a service to member cities and monitor the program. He advised that some cities that might pay for water not being used could sell their excess water directly to another city that expects a shortage. The cities would contract directly with each other and the purchases would not count against their annual minimums. Director Carr advised he would like for a feasibility study to be done. He added that monetary costs for the District should be minimal. Deputy Director Mike Rickman advised he will coordinate a call with Director Carr, the District legal team, and Chris Ekrut to follow up on this item.

- C. Water Division overview

Due to time constraints this item was not discussed.

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

There were no follow up items.

- E. Opportunity for Committee members to request potential future agenda items
(No substantive discussion of items will take place at this time)

There were no future agenda items requested.

VI. ADJOURNMENT

There being no further business, the meeting of the Water Committee adjourned at 4:50 p.m.

APPROVED:



JACK MAY
Chairman