

NORTH TEXAS MUNICIPAL WATER DISTRICT

WATER COMMITTEE MEETING MINUTES OCTOBER 26, 2017

I. CALL TO ORDER

Chairman Bill Lofland called the meeting of the NTMWD Water Committee to order at approximately 2:30 p.m. on Thursday, October 26, 2017, at the NTMWD Administrative Offices, Wylie, Texas.

Members present included Chairman Bill Lofland, Directors Phil Dyer, Marvin Fuller, David Paschall, and Lynn Shuyler. Director Joe Joplin and Michael Lopez were absent. A quorum of the Water Committee was present.

President Robert Thurmond, Vice President John Sweeden, Past President Terry Sam Anderson, Directors Bill Glass, James Kerr, Jack May, John Murphy, Larry Parks, and Richard Peasley were also present.

NTMWD staff present included Tom Kula, Mike Rickman, Judd Sanderson, Joe Stankiewicz, Cesar Baptista, Brian Brooks, Pat Chadwick, Melisa Fuller, Billy George, Buford Green, Jeff Hogan, R.J. Muraski, Dave Patton, Janet Rummel, and Leann Bumpus.

Lauren Kalisek with Lloyd Gosselink Rochelle & Townsend and Jean Shuyler were also present.

II. ACTION ITEMS

A. Approval of Water Committee Meeting Minutes – September 28, 2017

Upon a motion by Director Marvin Fuller and a second by Director Phil Dyer, the Water Committee voted unanimously to approve the minutes of the Water Committee meeting held on September 28, 2017.

B. Consider Recommendation on Authorizing Execution of Engineering Services Agreement on Project No. 101-0485-17, Wylie Water Treatment Plant Chlorine System Improvements

(Please refer to Administrative Memorandum No. 5015)

Assistant Deputy Director Cesar Baptista provided a brief summary of the Wylie Water Treatment Plant Chlorine System Improvements project. He stated the major portion of the work will occur on Plant III with minor work on Plants I, II, and IV.

Mr. Baptista explained the project components including the chlorine system, scrubber system, and other miscellaneous items such as piping, vacuum regulators, gas detectors, fans, capacity of system components, alarms, and isolation valves.

Mr. Baptista discussed key components including improvements to caustic storage tanks to allow access to all appurtenances, piping/valve reconfiguration for isolation, additional railcar storage monitors and alarms, railcar scales for enhanced volume monitoring, and relocation of chlorine evaporators and piping for scrubber operation.

Assistant Deputy Director Billy George added the District is wholly dependent on Kansas City Southern Railway to move the railcars and scheduling has been a challenge for Operations.

Mr. Baptista reviewed basic design services as well as special services including the hiring of an industry expert. He stated the total recommended Engineering Services Agreement is \$924,842 and the planning level construction cost estimate is \$7.8M.

In response to a question from a Committee member, Executive Director Tom Kula indicated NTMWD staff members have basic protective equipment and training, but the local fire department is contacted when emergencies occur. Mike Rickman mentioned that NTMWD is working with Wylie Fire Rescue (WFR) to provide NTMWD staff with hazmat tech level training to assist WFR since staff is more familiar with NTMWD facilities.

Upon a motion by Director Lynn Shuyler and a second by Director Marvin Fuller, the Water Committee voted unanimously to recommend to the Board of Directors authorizing execution of an Engineering Services Agreement on Project No. 101-0485-17, Wylie Water Treatment Plant Chlorine System Improvements.

- C. Consider Recommendation on Authorizing Award of Construction Contract on Project No. 101-0487-17, Lake Chapman 84-inch Raw Water Pipeline Easements Clearing and Maintenance
(Please refer to Administrative Memorandum No. 5022)

Maintenance Officer Dave Patton explained the Lake Chapman 84" Raw Water Pipeline is jointly owned and operated by the NTMWD and the City of Irving. He said a committee was established to manage day-to-day maintenance of the system. He stated this request is for right-of-way clearing in the amount of \$391,263 and 50% will be funded by the City of Irving. He displayed a diagram of the pipeline route and reviewed the project scope, which includes 40.5 miles of pipeline as well as 25 gates and 50 fencing H-braces. He indicated the estimated cost was \$90,000 less than anticipated.

In response to a question from a Committee member, Mr. Patton described the type of equipment used to clear the land and how vegetation is managed.

Upon a motion by Director David Paschall and a second by Director Lynn Shuyler, the Water Committee voted unanimously to recommend to the Board of Directors authorizing award of a Construction Contract on Project No. 101-0487-17, Lake Chapman 84-inch Raw Water Pipeline Easements Clearing and Maintenance to Boeuf Built, LLC in the amount of \$391,263.

III. DISCUSSION ITEMS

- A. Discuss the Texas Commission on Environmental Quality Corrective Action Plan Resulting from the April 2016 Mandatory Comprehensive Performance Evaluation of Wylie Water Treatment Plant IV

Assistant Deputy Director Billy George provided background on the April 2016 Mandatory Comprehensive Performance Evaluation (mCPE). He stated in early 2016 NTMWD had consecutive months where single filter turbidity readings were above 2.0 NTU at Plant IV, which triggered the need for the mandatory mCPE by the Texas Commission on Environmental Quality (TCEQ) to identify the specific factors that are adversely affecting filter performance.

Mr. George shared the meaning of turbidity. He explained that in the treatment process the suspended particles are removed. He said it is an important step in the process.

Mr. George indicated this is not an enforcement action, but will result in a Corrective Action Plan being implemented. He stated the evaluation crew looked at the process control system and conducted a detailed and comprehensive review.

Mr. George explained the Texas Optimization for Surface Water Treatment Plants (TOPS) program. He stated former NTMWD employee Ted Kilpatrick facilitated the District's enrollment in this program and that participation requires a comprehensive evaluation to be enrolled. Once the District meets all TOPS requirements for a 12-month period, Plant IV will be recognized by the TCEQ.

Mr. George indicated staff went to work very quickly after the April 2016 exit meeting. He reviewed the corrective action plan delivered by the TCEQ on October 12, 2017. He said administrative items in the plan include implementation of policies to: 1) ensure more timely adjustments in response to source water quality changes; 2) ensure critical Operations and Maintenance needs are addressed in a timely manner; and 3) ensure critical treatment information is communicated up and down the chain of command. He also reviewed the engineering and standard operating procedure (SOP) requirements. He indicated other items in the corrective action plan require engineering submittals to the TCEQ.

Mr. George stated after the October 12, 2017, meeting, NTMWD staff met and disbursed responsibilities. He said January 8, 2018, is the deadline for response on SOPs, etc., and over the next few weeks NTMWD staff will be revising written responses and receiving information from consultants to address the required submittal of engineering documents.

- B. Discuss the City of Parker Written Request for a Second Water Delivery Point

Assistant Deputy Director Billy George provided a timeline of correspondence related to the District proceeding with coordination related to the City of Parker's request for a second water delivery point. In 2014, the District requested that the City provide a plan indicating how better conservation would be achieved. Mr.

George showed a graph of per capita water usage for NTMWD member cities and stated that the City of Parker has the highest per capita water consumption of all entities that purchase District water. He also provided an overview of the District's obligations to meet conservation requirements and highlighted specific requirements for conservation largely driven by the Lower Bois d'Arc Creek Reservoir water rights permit.

Mr. George indicated that recent meetings related to the topic have been encouraging and that the City has indicated that a water conservation implementation plan will be created thereby meeting the District's requirement to continue collaboration on the design of a second take point.

Mr. George also stated that Board approval of a new customer contract will be required prior to serving a new water delivery point.

C. Opportunity for Committee Members to Provide Feedback on Water Committee Meeting

There were no comments provided by Committee members.

D. 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 potential agenda items requested by Committee members.

IV. ADJOURNMENT

There being no further business, the meeting of the Water Committee adjourned at approximately 3:33 p.m. The Chairman will call the next meeting of the Water Committee with proper notification to all members.



BILL LOFLAND
Chairman