

NORTH TEXAS MUNICIPAL WATER DISTRICT

MINUTES – WASTEWATER COMMITTEE MEETING
HELD MARCH 17, 2016, AT 2:00 P.M.
IN THE ADMINISTRATIVE OFFICES, WYLIE, TEXAS

I. CALL TO ORDER

Chairman Marvin Fuller called the meeting of the NTMWD Wastewater Committee to order at approximately 2:32 p.m. on Thursday, March 17, 2016.

Committee members present included Chairman Marvin Fuller, Directors Don Cates, Jack May, Jim Mellody, Larry Parks and Richard Peasley. Director John Sweeden was absent. A quorum of the Wastewater Committee was present.

President Joe Joplin, Vice President Terry Sam Anderson, Secretary Bob Thurmond, and Director Shep Stahel were also present.

NTMWD staff present included Tom Kula, Mike Rickman, Judd Sanderson, Joe Stankiewicz, Jenna Covington, Janet Rummel, Elizabeth Turner, R.J. Muraski, Rodney Rhoades, Billy George, Dave Patton, Scott Hoelzle, Ken Wesson, Shela Chowdhury, Yanbo Li, Melisa Fuller and Leann Bumpus.

Tom Arn, Seth Garrison and Brian Kirsch with RFC / Woodard & Curran, Ed Motley with CH2M Hill Engineering, Inc., and Lewis Isaacks with Gay, McCall, Isaacks & Roberts were also present.

II. ACTION ITEMS

- A. Consider Approval of Wastewater Committee Meeting Minutes – February 20, 2016

On a motion by Director Jack May and a second by Director Jim Mellody, the Wastewater Committee voted unanimously to approve the minutes of the Wastewater Committee meeting held on February 20, 2016.

- B. Consider Recommendation on Authorizing Execution of Engineering Services Agreement for Regional Wastewater Treatment Plant Conceptual Design

Assistant Deputy Director R.J. Muraski reviewed the Regional Wastewater Treatment Plant Conceptual Design plan.

Mr. Muraski noted the UEFIS Regional WWTPs are approaching permitted capacity. He discussed the rapid growth in the area and that the population will doubling by 2040 from 600,000 to more than one million. The increased flows will be concentrated in the northern/eastern areas of the UEFIS served by Wilson Creek RWWTP. He indicated a new TCEQ discharge permit is required for expansion beyond 64 MGD.

Mr. Muraski stated we may need to expand the service area to protect water quality/watershed in Lake Lavon and meet future regulatory requirements.

Mrs. Shela Chowdhury, NTMWD Engineer, reviewed the conceptual design study, which will determine the path forward to address capacity needs. Consideration was given to the following three options:

1. Expand Wilson Creek RWWTP – existing permitted discharge location
2. Expand Wilson Creek RWWTP – secondary permitted discharge location, Sister Grove arm
3. Design new RWWTP – Sister Grove arm discharge location

Mrs. Chowdhury also reviewed the multiple project elements to be considered in the study solutions and the stakeholder concerns factored into alternatives screening process. She indicated the project will provide:

- Recommended wastewater capacity expansion alternative
 - Recommended effluent discharge location (APAI model study)
- For selected alternative, site requirements, process needs
 - Sufficient detail to pursue discharge permit application

Mrs. Chowdhury advised the NTMWD staff recommends utilizing as consulting engineer CH2M Hill Engineers, Inc., with APAI in support, and advised that the Conceptual Design with Feasibility Study Report in the amount of \$821,171 is to be started in April 2016 with the anticipated feasibility study in December 2016 and final report in February 2017.

Chairman Fuller requested the NMTWD staff evaluate the excess District property at Wilson Creek and look at a possible trade for a future site, and he suggested considering Option 2 short-term and Option 3 long-term.

On a motion by Director Jack May and a second by Director Larry Parks, the Wastewater Committee voted unanimously to recommend authorizing execution of the Engineering Services Agreement for Regional Wastewater Treatment Plant Conceptual Design.

III. DISCUSSION ITEMS

A. Review Wastewater Operations (Benchmarking) Assessment Findings and Recommendations

Executive Director Tom Kula opened the discussion with a recap of the benchmark report, which was a result of an EPA Inspection in 2014. He indicated the NTMWD utilized consultants to develop a thorough action plan.

Deputy Director Mike Rickman reviewed short- and long-term goals by expanding the safety and training. He also advised that there will be an emphasis on the maintenance and rehab program.

Mr. Rickman reviewed recent accomplishments as follows:

- Adding port-a-potties at small WWTPs
- Evaluating and updating lighting conditions to improve safety
Revitalized suggestion box program
- Ongoing job hazards analysis and facilities audits to identify safety improvement opportunities
- Evaluation and implementing full time electricians at WWTPs

Mr. Tom Arns of Raftelis Financial Consultants, Inc., provided an Assessment Overview. He indicated 85 individual or group interviews were conducted with over 173 District staff. He also indicated the District's comments were incorporated into the draft report.

Assistant Deputy Director Covington indicated the Wastewater Committee would consider acceptance of the report at their next meeting in April.

B. Update on Agreement with the Town of Fairview to Facilitate Road Improvements and Provide for Increasing Weight Limits on Stacy Road

Joe Stankiewicz reported TxDOT had completed samples along FM 1378, and that this agreement was tabled for consideration by the Board of Directors until April 2016.

C. Project Updates

1. Sabine Creek Regional Wastewater Treatment Plant Filter Status

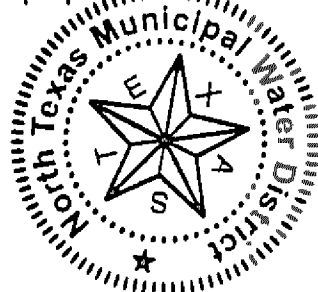
Assistant Deputy Director Jenna Covington stated approval was given at the February Board 2016 meeting to make an emergency purchase of a temporary filter from an ongoing filter project at Wilson Creek RWWTP as permanent equipment for Sabine Creek RWWTP. Mrs. Covington indicated NTMWD was experiencing delays in moving the unit from Wilson Creek RWWTP to Sabine RWWTP due to performance testing issues with the permanent filter at the Wilson Creek RWWTP.

2. Emergency Generators

Mrs. Covington gave a status update on the installation of emergency generators throughout the Wastewater System.

IV. ADJOURNMENT

There being no further business, the meeting of the Wastewater Committee adjourned at approximately 4:20 p.m. The Chairman will call the next meeting of the Wastewater Committee with proper notification to all members.



Marvin Fuller

MARVIN FULLER
Chairman