

# NORTH TEXAS MUNICIPAL WATER DISTRICT

## WASTEWATER COMMITTEE MEETING MINUTES MAY 24, 2018

### I. CALL TO ORDER

Chairman Jack May called the meeting of the North Texas Municipal Water District (NTMWD) Wastewater Committee to order at approximately 12:30 p.m. on Thursday, May 24, 2018, at the NTMWD Administrative Offices, Wylie, Texas.

Committee members present included Chairman Jack May, Directors Bill Glass, Darrell Grooms, Blair Johnson, James Kerr, Charles McKissick, and Larry Parks. A quorum of the Wastewater Committee was present. Any reference to unanimous votes refers to a unanimous vote of the Committee members present.

Vice President John Sweeden, Secretary Don Gordon, Past President Terry Sam Anderson, Directors Joe Farmer, Rod Hogan, David Hollifield, Joe Joplin, Bill Lofland, John Murphy, Richard Peasley, and Lynn Shuylar were also present.

NTMWD staff present included Tom Kula, Joe Stankiewicz, Cesar Baptista, Brian Brooks, Jenna Covington, Morgan Dadgostar, Erik Felthous, Shawwna Helmberger, Scott Hoelzle, R.J. Muraski, Jeff Ray, Janet Rummel, Ken Wesson, and Leann Bumpus.

Lauren Kalisek with Lloyd Gosselink Rochelle & Townsend, Lewis Isaacks and Mark Walsh with Saunders, Walsh & Beard and Chris Ekrut and Michael Sommerdorf with NewGen Strategies and Solutions were also present.

### II. OPENING REMARKS

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

Assistant Deputy Director Jenna Covington indicated a wastewater quality update will be provided to the full Board at the May 24, 2018, meeting. She stated staff continues to monitor the water at the cove in Lavon Lake outside the Wilson Creek Wastewater Treatment Plant. She said a boom has been deployed and pumping has resulted in a positive impact.

Mrs. Covington provided an update on the proposed regional water resource recovery facility. She stated continued regional growth projections indicate additional wastewater capacity in the Upper East Fork Interceptor System will be required by 2023. She reviewed the progress to date as well as the next steps. She provided details of the public outreach efforts.

### III. ACTION ITEMS

- A. Consider Approval of Wastewater Committee Meeting Minutes – March 22, 2018

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On a motion by Director Darrell Grooms and a second by Director Larry Parks, the Wastewater Committee voted unanimously to approve the minutes of the Wastewater Committee meeting held on March 22, 2018.

Chairman Jack May recommended rearranging the agenda order to cover Discussion Item B. prior to Action Item B.

- B. Consider Recommendation on Authorizing Execution of Engineering Services Agreement on Project No. 501-0502-18, McKinney Lift Station Improvements (Please refer to Administrative Memorandum No. 5177)

Assistant Deputy Director Cesar Baptista explained that this project is related to continued growth. He provided a project history and indicated the lift station was originally constructed in 1986, currently has a firm capacity of 30 million gallons per day (MGD) and lifts flow from the Wilson Creek Basin into Wilson Creek Regional Wastewater Treatment Plant. He stated the current site lacks usable space to develop operational flexibility and it would cost more to upgrade the existing lift station than building a new lift station.

He reviewed project scope indicating initial capacity of 62 MGD with expansion capability to 82 MGD. He said force main improvements are also associated with this project as well as state of the art odor control. He stated this lift station eliminates several small plant drain pump stations. He showed a map of the facility and other ongoing activities in this system.

On a motion by Director James Kerr and a second by Director Bill Glass, the Wastewater Committee voted unanimously to recommend to the Board of Directors authorizing execution of engineering services agreement with HDR Engineering, Inc. in the amount of \$2,280,806 on Project No. 501-0502-18, McKinney Lift Station Improvements.

The regular session recessed at 12:59 p.m.

Chairman Jack May declared the need for an Executive Session of the Wastewater Committee to discuss Agenda Item Nos. "III. C., D., E. and IV. A." pursuant to Texas Government Code, Title 5, Subchapter D, Section 551.071, Consultation with Attorney, of the Texas Government Code. The Executive Session was called to order by Chairman Jack May at 12:59 p.m.

- C. Consider Recommendation on Authorizing Ratification of Actions by Executive Director in Authorizing Use of Unrestricted Capital Improvement Fund for Purchase of Property, Project No. 301-0426-16, Regional Water Resource Recovery Facility (Please refer to Administrative Memorandum No. 5178)

This item was discussed in the Executive Session as noted above.

On a motion by Director Larry Parks and a second by Director Bill Glass, the Wastewater Committee voted unanimously to recommend to the Board of Directors authorizing ratification of actions by Executive Director in authorizing use of \$108,000 in unrestricted capital improvement fund for purchase of property, Project No. 301-0426-16, Regional Water Resource Recovery Facility.

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- D. Consider Recommendation on Adoption of Resolution No. 18-32 Declaring Six Acres of Property Surplus to Needs of NTMWD and Authorizing Sale of Property, Project No. 301-0426-16, Regional Water Resource Recovery Facility (Please refer to Administrative Memorandum No. 5179)

This item was discussed in the Executive Session as noted above.

On a motion by Director Darrell Grooms and a second by Director James Kerr, the Wastewater Committee voted unanimously to recommend to the Board of Directors Adopting Resolution No. 18-32 declaring six acres of property surplus to needs of NTMWD and authorizing sale of property, Project No. 301-0426-16, Regional Water Resource Recovery Facility.

- E. Consider Recommendation on Authorizing Additional Legal Services on Project No. 501-0491-18, 121 Force Main Improvements Phase I (Please refer to Administrative Memorandum No. 5176)

This item was discussed in the Executive Session as noted above.

On a motion by Director Darrell Grooms and a second by Director Larry Parks, the Wastewater Committee voted unanimously to recommend to the Board of Directors authorizing additional legal services with Saunders, Walsh & Beard, Attorneys and Counselors in the amount of \$79,000 on Project No. 501-0491-18, 121 Force Main Improvements Phase I.

IV. DISCUSSION ITEMS

- A. Discuss Status of District Hearing Request on East Fork Partners, LLC Application for New TPDES Permit WQ0015565001 Pending at the Texas Commission on Environmental Quality and Possible Agreement with Applicant

This item was discussed in the Executive Session as noted above.

The Executive Session adjourned at 1:20 p.m.

The Wastewater Committee reconvened into regular session at 1:20 p.m. No action was taken in the Executive Session.

- B. Review Wastewater System Cost of Service Projections

Chris Ekrut with NewGen Strategies and Solutions reviewed a system snapshot graph. He explained the major cost drivers which included a 5% assumed growth for personnel, 4% assumed growth for capital projects and a 3% assumed growth for all else.

Mr. Ekrut reviewed the estimated retail bill impacts and presented rate examples based on a 5,000 gallon use bill. He described the minimum rate of \$27.70, the highest rate of \$40.67 and a median rate of \$36.05 projected through 2028. He stated the rates only reflect the District's cost and not the cities O&M and capital expenses.

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Assistant Deputy Director R.J. Muraski reviewed the Wastewater CIP drivers for the fiscal year (FY) 19. He stated the cities appreciate the ten-year look ahead. He indicated the main driver for 2019 Regional Wastewater CIP is maintaining aging infrastructure while the main driver of the UEFIS is peak flows associated with new growth. He reviewed the FY 19 major projects and presented a map showing the McKinney Lift Station and North McKinney Parallel.

### C. Review Orr Road Interlocal Agreement

Jenna Covington indicated that with the support of the Committee the District has been in discussion regarding entering into an agreement to upgrade Orr Road from asphalt to concrete. She stated the original estimated project cost developed by Collin County was \$1.17M and in discussions with the County, the District had proposed to fund approximately 90% of the costs.

Mrs. Covington stated the District received a revised interlocal agreement from the County with an updated construction cost estimate of \$2.04M. The revised interlocal agreement proposed that NTMWD fund the entire increase from the original estimate, while the other three parties (Collin County, Fairview and Lucas) participation amount remained the same. She stated staff has requested an additional explanation and alternative approaches. She indicated the information will be shared with the Committee as soon as it becomes available.

### D. Review 2018 South Mesquite Creek Regional Wastewater Treatment Plant Long-Range Master Plan

R.J. Muraski stated there is a lot of current construction activity at the regional plants. He provided a facility background and overview map of the plant in Mesquite, Texas.

Mr. Muraski reviewed conceptual master plan scope including review and identification of spatial requirements and suggested siting for liquid treatment process, solids processing, electrical requirements, and site traffic patterns.

Mr. Muraski stated that with assistance from the consultant, project triggers such as flow, operational efficiency, asset condition and regulatory compliance have been identified. He said using those triggers staff came up with a list of project recommendations to include in the CIP. He said the next step is to come back to Board to individually approve the design and construction on each.

### E. Review Allen/Fairview Proposed Regional Sloan Creek Lift Station/Force Main

R.J. Muraski stated this is a good news story. He indicated there have been ongoing meetings with the Cities of Allen and Fairview. He presented a map of the area known as Monarch City and discussed the area's drainage. He stated staff has been working with Cities and has developed a conceptual plan to meet the immediate needs. He said staff is finalizing elements of an Interlocal agreement with cities, where the cities of Allen and Fairview would provide funding for the proposed lift station design and construction with NTMWD providing funds for the design and construction of the force main. He stated both facilities would become part of the Upper East Fork Interceptor System.

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F. Opportunity for Committee Members to Provide Feedback on Wastewater Committee Meeting

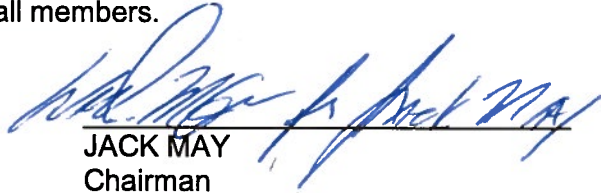
There was no feedback provided by Committee members.

G. Opportunity for Committee Members to Request Potential Future Agenda Items

There were no potential future agenda items requested by Committee members.

H. ADJOURNMENT

There being no further business, the meeting of the Wastewater Committee adjourned at approximately 1:43 p.m. The Chairman will call the next meeting of the Wastewater Committee with proper notification to all members.



JACK MAY  
Chairman