

# Memorandum



CITY OF DALLAS

DATE May 15, 2015

TO Members of the Budget, Finance & Audit Committee: Jerry R. Allen (Chair), Jennifer S. Gates (Vice Chair), Tennell Atkins, Sheffie Kadane, Philip T. Kingston

SUBJECT Upcoming Agenda Item: Elm Fork Water Treatment Plant - Residuals Basin Site Cleaning and Rehabilitation

The May 27, 2015, Council Agenda will include an item for consideration to authorize a contract with Quest Civil Constructors, Inc. for the cleaning and rehabilitation of a residuals basin site at the Elm Fork Water Treatment Plant in an amount not to exceed \$ 46,464,646.

The Elm Fork Water Treatment Plant located in Carrollton, Texas, is the second largest of three water treatment plants serving customers of the City of Dallas - Water Utilities Department. It was constructed in the 1950's and has a current capacity of 300 million gallons per day. This project is needed in order to address aging infrastructure and process changes as recommended in the 2010 Water Quality Study. This project is the first one associated with the implementation of the \$300 million dollar Elm Fork Water Quality Improvements program and will help facilitate implementation of upcoming projects at the plant.

This project consists of cleaning and rehabilitation of an existing 145 acre residuals basin site used for the collection of treatment process residuals. Residuals are a normal by-product of the drinking water treatment process and consist of solids removed from the source water by the addition of coagulants and a sedimentation process. Major components of the project include removal and disposal of over 926,000 cubic yards of residuals solids from existing basins, earthwork and grading to configure the site into four, 44 million gallon basins, and installation of over 18,000 linear feet of process piping. The project also includes electrical improvements to support operation of the reconfigured basins.

Please let me know if you need additional information.

A handwritten signature in black ink, appearing to read 'Mark McDaniel'.

Mark McDaniel  
Assistant City Manager

c: Honorable Mayor and Members of City Council  
A.C. Gonzalez, City Manager  
Warren M.S. Ernst, City Attorney  
Craig D. Kinton, City Auditor  
Rosa A. Rios, City Secretary  
Daniel F. Solis, Administrative Judge  
Ryan S. Evans, First Assistant City Manager

Jill A. Jordan, P.E., Assistant City Manager  
Joey Zapata, Assistant City Manager  
Eric D. Campbell, Assistant City Manager  
Jeanne Chipperfield, Chief Financial Officer  
Sana Syed, Public Information Officer  
Elsa Cantu, Assistant to the City Manager