

**WATER ADVISORY BOARD MINUTE RECORD**  
**The City of San Angelo**  
**Wednesday, June 3, 2015**

**OPEN SESSION**

BE IT REMEMBERED the Water Advisory Board convened in a meeting at 9:03 A.M., Wednesday, June 3, 2015, in the San Angelo McNease Convention Center, 501 Rio Concho Drive, San Angelo, Texas.

Board members present were Chuck Brown, Kendall Hirschfeld, Steve Floyd, Ben Wiese, Mike Boyd, Jonathan Jennings, and Roland Pena. Staff members present were Bill Riley and Joy Shelton. Whereupon, the following business was transacted:

**PUBLIC COMMENT**

Mr. Boyd, Chairman of the Board, called the meeting to order at 9:03 A.M. Mr. Boyd gave the opportunity for anyone present to come forward for public comment; there was none.

**CONSENT AGENDA**

The minutes from the May 13, 2015 board meeting were presented. A correction was requested by Mr. Hirschfeld to change the minutes to read Ben Wiese as Vice Chairman, not Co-Chairman. The minutes were adopted with the proposed changes.

**REGULAR AGENDA: PUBLIC HEARING AND COMMENT**

**UPDATE ON WATER SUPPLY STATUS**

Board member Mr. Jonathan Jennings, local meteorologist, gave his analysis that our area will see a wet fall season due to the strong El Nino pattern we are experiencing. The current El Nino pattern is predicted to last until 2016. Mr. Jennings noted that while we have seen some good rainfall totals, historical patterns continue to show dry years about every four years, meaning that we could possibly see another very dry year by 2019. Mr. Riley gave the current water levels in area lakes and reservoirs. Discussion centered on the need to continue to educate the public that the drought is not over and that the recent rains did little to fill our lakes.

**DISCUSSION AND POSSIBLE ACTION RELATED TO THE RECLAIMED WATER ALTERNATIVES EVALUATION, PRESENTATION BY BILL RILEY, WATER UTILITIES DIRECTOR, ELLEN MCDONALD P.E., WITH ALAN PLUMMER ASSOCIATES, AND SCOTT HIBBS P.E., WITH ENPROTEC/HIBBS & TODD, INC.**

Ms. Ellen McDonald, P.E. with Alan Plummer Associates, Inc, presented the results of the Reclaimed Water Alternatives Evaluation. Ms. McDonald discussed Non-Potable Reuse (NPR), Indirect Potable Reuse (IPR), and Direct Potable Reuse (DPR) of reclaimed water and the many stages of treatment. Ms. McDonald's recommendation was to implement the Direct Potable

Reuse (DPR), based on the city's surrounding area, reuse alternatives and cost. The cost estimation for Phase 1 which would include 9 million gallons per day (mgd) is \$136,700,000, with Phase 2 estimated at \$16,600,000 for an additional 3 mgd. Ms. McDonald provided a multi-phase schedule for accomplishing the project which is required to begin with pilot testing the treatment options of the current effluent from the Water Reclamation Facility. She estimated the pilot testing to cost approximately \$1,100,000. *A copy of the report is part of the permanent supplemental record.*

The Board had discussion concerning the need to move forward with the project and what the next steps would be. A motion was made by Mr. Brown to recommend to the City Council that the city proceed with the pilot testing which includes entering into a contract with the consulting team to conduct the pilot test. The motion was seconded by Mr. Hirschfeld. Motion carried unanimously.

#### DISCUSSION AND POSSIBLE ACTION RELATED TO INSTALLATION/OPERATION OF A GAUGING STATION ON THE RED ARROYO AT SOUTH CHADBOURNE

Mr. Brown discussed the need to install a gauging station in the Red Arroyo to measure the flows during rain events. He stressed the importance to do this at the same time the groundwater monitoring wells were in place. The estimated cost of installing the gauge is \$25,000, with an additional \$15,500 per year for maintenance.

A motion was made by Mr. Hirschfeld to recommend installing the gauge and seconded by Mr. Pena. The motion carried unanimously.

#### CONSIDERATION OF FUTURE AGENDA ITEMS AND DATE OF NEXT MEETING

Mr. Riley advised that the rate study will be ready for the board to review at the next meeting in July.

The next board meeting will be Wednesday, July 15, 2015. The Board expressed a desire to tour the new Groundwater Treatment Facility. This tour will be set up sometime in the near future.

#### ADJOURNMENT

Motion, to adjourn, was made by Mr. Boyd and seconded by Mr. Hirschfeld. Motion carried unanimously.

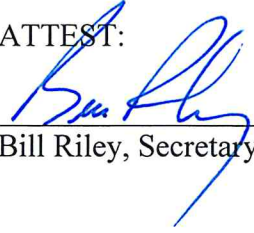
The meeting adjourned at 10:35 A.M.

THE CITY OF SAN ANGELO

WATER ADVISORY BOARD

  
\_\_\_\_\_  
Mike Boyd, Chairman

ATTEST:

  
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Bill Riley, Secretary