

**Minutes of the Claremore Public Works Authority Special Meeting
Council Chambers, City Hall, 104 S. Muskogee Ave.
Claremore, Oklahoma March 25, 2013**

CALL TO ORDER

Meeting called to order by Mayor Mickey Perry at 6:01 P.M.

Mayor Mickey Perry asked City Clerk Sarah Sharp to note that members are present/absent as indicated below:

Present: Terry Willis, Buddy Robertson, Mark Lepak, Bill Flanagan, Mickey Perry, Thomas Cypert, Don Purkey, Brandon Smith, Paula Watson

Absent: None

Staff Present: Jim Thomas, Matt Ballard, Sarah Sharp, Daryl Golbek, Ann Mayfield, Ron Burrows, Chris Cochran, Jeremy Ledbetter

Others Present: Graver Representatives Michael Graves and John Cutright

ACCEPTANCE OF THE AGENDA

Motion by Smith, second by Flanagan to approve the agenda for the Special CPWA meeting of March 25, 2013, as written. Roll call vote: Willis, yes; Robertson, yes; Lepak, yes; Flanagan, yes; Perry, yes; Cypert, yes; Purkey, yes; Robertson, yes; and Watson, yes. Motion carried.

ITEMS UNFORESEEN AT THE TIME AGENDA WAS POSTED

None

CURRENT BUSINESS

(1) Consideration and review of the Water Treatment Study and related water infrastructure issues with Garver Engineering. **(Jim Thomas)**

Motion by Flanagan, second by Smith to open the discussion regarding the Water Treatment Study and related water infrastructure issues with Garver Engineering. Roll call vote: Willis, yes; Robertson, yes; Lepak, yes; Flanagan, yes; Perry, yes; Cypert, yes; Purkey, yes; Robertson, yes; and Watson, yes. Motion carried.

Thomas reviewed what has transpired to this point. Thomas stated that senior staff has reviewed the complete stud. The white sheets that were sent out with the agenda to Council are the Executive Summary.

Michael Graves discussed the City of Claremore's history with Garver Engineering, stating that they have worked together on many projects, including the Water Master Plan that was completed in 2009.

Graves stated that the Water Treatment Plant is permitted to treat 4.1 million gallons per day, and actually produced 4.9 million gallons in 2012 on peak days.

2 needs were addressed by the study:

Water Production

Water Quality

Graves stated that both of Claremore's water supply sources were analyzed: Claremore Lake and Oologah Lake. It was determined that the treatment process currently in place is the most effective treatment, but still does not meet Stage 2 of DBP rule. Additional treatment may be necessary.

Ozone and UV treatments were discounted as primary treatment options early on due to the cost.

Garver addressed baseline improvements that have to be done at WTP #1 regardless of which alternative is selected:

Structural Repair

Rapid Mix Basin, Clarifier No. 1, Operations Building

Electrical Repair

Main Transformer, Upgrade Various MCC (Motor Control Center), Transformers, and Load Centers

Process Equipment

Rapid Mixer, Car. Mechanisms, Filter Control Valves, Backwash System, Blower Relocation, Chemical Feed upgrades, Solid Pumps

Flood Protection

Extend Walls of Sludge Pump Station Above Flood Plain Level

Graves stated that the Solid Handling Facilities have adequate capacity for long-term residuals handling. The industry standard on cleaning the facilities is every 18-24 months.

Graves stated that WTP #2 has inadequate clarifiers, the frequency of backwashing is a problem, and major renovations would be required to make the system operational.

Alternate #1 –Cost \$45.5 Million

Addition of a MIEX System

Addition of a Clarifier

Addition of 2 Filters

Additional Clearwell

All of the improvements would be at WTP #1, WTP#2 would not be used

Alternate #2- Cost 42.1 Million

Addition of a MIEX System

Addition of a Clarifier

Add Settle Pump Station

Convert WTP #2 Filters

Utilize WTP #2 Clearwell

With Alternate #2, both plants would be utilized.

Alternate #3- Cost \$57.4 Million

Purchase treated water from OOWA (Oklahoma Ordinance Works Association). The City would assume responsibility for water at the delivery point.

A Break was taken from 8:07p.m. to 8:15 p.m. All members were present after the break.

Graves stated that Garver's recommendation is Alternate #1, and that a phased approach be taken to spread the costs out.

Councilor Flanagan asked how much water do we have access to now?

City Engineer Chris Cochran stated that we don't need more water right now. We need to be able to treat more water. We do however, need to be pursuing rights for future growth.

Graves stated that Garver would be happy to meet with the Council to present and discuss the Water Master Plan. Garver would like some endorsement from Council so they can proceed with the plan and present to DEQ.

Flanagan asked when the analysis on the distribution system will be ready.

Cochran stated that they are just ready to finalize the map and build the model. Everything has been GPSed. Cochran hopes to have it completed within a month.

Special Meeting was set with Garver to review the Water Master Plan on Monday, April 8th at 6 p.m.

Councilor Robertson left the meeting at 9:00 p.m.

ADJOURNMENT

Motion by Cypert, second by Smith to adjourn. Roll call vote: Willis, yes; Lepak, yes; Flanagan, yes; Perry, yes; Cypert, yes; Purkey, yes; Smith, yes; and Watson, yes. Motion carried.

Meeting adjourned at 9:03 p.m.