



City of Broken Arrow
Minutes
Broken Arrow Municipal Authority

City Hall
220 S 1st Street
Broken Arrow OK
74012

*Chairperson Debra Wimpee
Vice Chair Christi Gillespie
Trustee Johnnie Parks
Trustee Lisa Ford
Trustee Justin Green*

Tuesday, December 19, 2023

Council Chambers

1. Call to Order

Chairperson Debra Wimpee called the meeting to order at approximately 7:15 p.m.

2. Roll Call

Present: 5 - Justin Green, Lisa Ford, Johnnie Parks, Christi Gillespie, Debra Wimpee

3. Consideration of Consent Agenda

- A. 23-74 **Approval of the Broken Arrow Municipal Authority Meeting Minutes of December 5, 2023**
- B. 23-1569 **Acknowledgement of submittal of the Broken Arrow Municipal Authority's Solid Waste and Recycling Report for November 2023**
- C. 23-1579 **Approval of and authorization to execute a Professional Consulting Agreement with Garver, LLC for the Bass Pro Booster Pump Station Rehabilitation**
- D. 23-1573 **Approval of and authorization to execute Amendment 1 to Agreement for professional Consulting Services with C.H. Guernsey & Company for Melinda Park-Northside Basin Waterline and Sewerline Rehabilitation (Project No. 23030)**
- E. 23-1608 **Approval of and authorization to purchase Neptune Meters from Core and Main, a sole source provider for the Utilities Department**
- F. 23-1619 **Approval of and authorization to purchase one (1) RAM 5500 Regular Cab 4x4 with Knapheide Service Body from John Vance Motors, Inc. pursuant to the Oklahoma State purchasing contract SW035**
- G. 23-1597 **Ratification of the Claims List Check Register Dated December 11, 2023**
Chairperson Wimpee asked if there were any Items to be removed from the Consent Agenda. There were none.

MOTION: A motion was made by Christi Gillespie, seconded by Lisa Ford.

Move to approve the Consent Agenda

The motion carried by the following vote:

Aye: 5 - Justin Green, Lisa Ford, Johnnie Parks, Christi Gillespie, Debra Wimpee

4. Consideration of Items Removed from Consent Agenda

There were no Items removed from the Consent Agenda; no action was taken or required.

5. Public Hearings, Appeals, Presentations, Recognitions, Awards

- A. 23-1607 **Presentation and discussion on The Environmental Protection Agency Federal Lead and Copper Rule (LCR)**

Utilities Director Charles Vokes noted this was his last presentation to City Council/BAMA. He proudly stated, throughout his 40 years in Water Utilities, he always emphasized water

quality over quantity. He asked the City to remember the importance of water quality as it moved forward without him. He stated the Lead and Copper Rule (LCR) was established to address excess lead and copper in the water supply. He explained there were no safe levels of lead. He noted children exposed to lead could be left with permanent mental disabilities, behavioral disorders. He reported for many years, the EPA passed laws to address lead in gasoline, paints, and other products. He stated in 1991, the EPA published the first LCR to minimize lead and copper in drinking water; since then, the rule was revised several times with the last revision in December 2023. He explained lead was not naturally found in water; the lead found in water came from pipes, faucets, and fixtures. He stated in 1986, Congress banned the use of lead pipes and in 1987, Oklahoma adopted this ban. He reviewed the provisions of the LCR: 1) Identifying areas most impacted; 2) Strengthening drinking water treatment requirements; 3) Replacing lead service lines (not found in Broken Arrow); 4) Increasing sampling reliability; 5) Protecting children in schools; and 6) Improved public communications of results of testing. He explained Broken Arrow was required to develop a service line inventory by October 16, 2024. He noted Broken Arrow had two types of service lines, the line which ran from the main to the meter (typically the Utilities Department's responsibility) and the line which ran from the meter to the home (typically the homeowner's responsibility). He reported Broken Arrow, since beginning installation of 10,000 automated ground meters about 12 years ago, the City has been identifying the service lines from the main and going to the homes. He reported Broken Arrow had approximately 41,000 water accounts; service lines installed after Oklahoma adopted the lead ban in 1987 were assumed to be lead free; and all service lines installed before 1988 have been inspected at the meter box (City and Customer). He noted this service line inventory must be published by October 16, 2024. He stated the service line inventory would be used as the basis for Broken Arrow Water Utilities inventory. He noted Broken Arrow's service line inventory spreadsheet was complete and the Utilities Department was working with the GIS Department to map the water lines and figure out how to publish the information. He displayed and discussed a sample of what the spreadsheet looked like. He discussed strengthening treatment requirements. He noted the problems in Flint, Michigan began because there was no corrosion control. He stated Broken Arrow corrosion was controlled by adjusting the pH. He noted Broken Arrow was required to submit a corrosion study proving Broken Arrow's corrosion controls worked; this study was submitted and approved by ODEQ. He stated the City of Broken Arrow had not found any lead service lines to date. He noted if a lead service line were discovered, it was not clear who would be responsible for replacing the line, and most likely BAMA would be responsible for making the decision regarding who would be responsible. He stated the LCR also required the City to increase sampling reliability. He reported the City increased the number of test sites from 30 last year to 50 this year and this number would likely increase to 100 test sites. He explained the samples were collected by homeowners from inside their homes after letting the water sit in the pipes overnight. He indicated the public would likely request additional samples from homes, businesses, schools, etc., as time went on and the City would have to decide who would be tested as the tests cost approximately \$200 dollars each and over 1,000 volunteers asked for their water to be tested last year. He indicated protecting children in schools was of vital importance to the City, State and Country. He reported sampling was required at all schools and childcare facilities in Broken Arrow with 20 percent of the facilities required to be tested each year for five years. He reported Broken Arrow had approximately 63 schools and childcare facilities. He noted Atherton Elementary was tested by ODEQ and three faucets were replaced as a result of the testing, so there was the possibility of lead in pipes in school. He noted once the test results were collected, the results must be provided to the school or childcare facility, ODEQ, and the local or state health department. He noted this testing was not required for facilities built after January 1, 2014, and currently, there was no timeline for completing this testing. He noted Broken Arrow had to decide how to handle the testing requirements and whether it would simply budget for the testing all in one year, or spread the testing out over five years, and if so,

which facilities would get tested at what time. He noted public communication regarding water testing availability and the results of water testing would be posted on the Broken Arrow City website. He stated information would be posted as it was gathered. He reported a new release of the LCR, released about 3 weeks ago, was called the LCR Improvements (LCRI) and the EPA was looking to achieve 100 percent lead and copper pipe replacement throughout the country within 10 years which meant the replacement deadline would be October 16, 2034 at the latest, given that the rule would go into effect by October 16, 2024. He noted locating legacy lead pipes should be achieved by the lead service line inventory requirement in the LCRR but in case water systems needed an incentive, this requirement was also part of the new LCRI. He stated the LCRI proposed key updates to improve tap sampling for lead contamination, including the requirement to "collect first liter and fifth liter samples at sites with lead service lines and use the higher of the two values when determining compliance with the rule." He indicated the LCRI proposed lowering the lead action level from 15 µg/L to 10 µg/L; the lead action level referred to the level at which a water system must "inform the public and take action to reduce lead exposure." He stated the LCRI also provided protocols to strengthen protections and reduce lead exposure.

Trustee Johnnie Parks stated the City had done an excellent job maintaining a safe water system. He commended and thanked Charles Vokes. He noted there were certain faucets available to homeowners which contained small amounts of lead, and it was important for homeowners to be aware.

Trustee Lisa Ford stated she would miss Mr. Vokes. She thanked Mr. Vokes for his hard work and extensive knowledge.

Trustee Justin Green indicated he enjoyed his time with Mr. Vokes and thanked Mr. Vokes for his service to the City.

Mr. Vokes stated he would stay involved with the City during his retirement and was willing to possibly serve on a committee.

6. General Authority Business

A. 23-1591 Consideration, discussion, and possible award of the lowest responsible bid to Cherokee Pride Construction, Inc. and approve and authorize execution of a construction contract for the Old Adams Creek Lift Station Flow Equalization Basin Improvements (Project No. 2154330)

Environmental Division Manager Emily Rowland reported the Old Adams Creek Lift Station was one of Broken Arrow's main lift stations in the Adams Creek Basin. She noted the issues with this lift station were presented in the past. She indicated this project looked to increase the capacity of the flow equalization basin which would help the City handle more flow during rain events or peak water use events. She asked for approval to award the lowest responsible bid to Cherokee Pride Construction, Inc.

Trustee Parks asked how many lift stations were in Broken Arrow.

Ms. Rowland responded there were approximately 33 lift stations in Broken Arrow, 13 of which were in the Adams Creek Basin.

MOTION: A motion was made by Johnnie Parks, seconded by Justin Green.
Move to award of the lowest responsible bid to Cherokee Pride Construction, Inc. and approve and authorize execution of a construction contract for the Old Adams Creek Lift Station Flow Equalization Basin Improvements (Project No. 2154330)

The motion carried by the following vote:

Aye: 5 - Justin Green, Lisa Ford, Johnnie Parks, Christi Gillespie, Debra Wimpee

B. 23-1577 Consideration, discussion, and possible approval of Inter-local Agreement between Bixby Public Works Authority and Broken Arrow Municipal Authority for the Identification of Responsibilities and Duties Regarding the Operation, Maintenance, Construction, and Financial Obligations for Supplemental Water Infrastructure Connection(s) (Project No. WL23100)

Assistant City Manager of Operations Kenny Schwab reported about two years ago communications began between the City of Broken Arrow and the City of Bixby regarding the possibility of a supplemental water connection on Mingo between the two cities. He reported the BAMA and the City of Bixby agreed upon a Feasibility Study of a supplemental connection to determine if the potential connection would be beneficial to both entities; the feasibility study would include hydraulic modeling of one or two potential connections between the entities with assumptions for different flow scenarios. He stated the Inter-local Agreement specifically identified the Responsibilities and Duties Regarding the Operation, Maintenance, Construction, and Financial Obligations for Supplemental Water Infrastructure Connection(s). He discussed where the potential supplemental water connection lines might be located. He stated this Agreement could help both communities if the supplemental water connection lines came to fruition.

Trustee Parks asked where Bixby's main water source originated.

Mr. Schwab responded Bixby's water came from Tulsa; most of the communities in the Tulsa area got water from Tulsa.

Vice Chair Christi Gillespie asked if this might help the customers on well water who wished to connect to the City's water.

Mr. Schwab responded in the affirmative. He stated around Tucson, on the north side, a half of a mile west of Olive, there were Broken Arrow residents on well water, and this potentially could help these customers tie into Broken Arrow water.

MOTION: A motion was made by Christi Gillespie, seconded by Lisa Ford.

Move to approve an Inter-local Agreement between Bixby Public Works Authority and Broken Arrow Municipal Authority for the Identification of Responsibilities and Duties Regarding the Operation, Maintenance, Construction, and Financial Obligations for Supplemental Water Infrastructure Connection(s) (Project No. WL23100)

The motion carried by the following vote:

Aye: 5 - Justin Green, Lisa Ford, Johnnie Parks, Christi Gillespie, Debra Wimpee

C. 23-1578 Consideration, discussion, and possible approval of a Professional Services Agreement with Garver, LLC for the Feasibility Study of a Supplemental Connection with the City of Bixby (Project No. WL23100)

Mr. Schwab explained this Item was a followup to the previous Item. He stated an Agreement was negotiated with Garver, who did a lot of Broken Arrow's water modeling, to do the Feasibility Study for the supplemental water connections with Bixby. He stated the Agreement was for \$90,000 dollars; Bixby would pay \$50,000 dollars, Broken Arrow would pay \$40,000 dollars as there were a few extras Bixby wanted done through the study. He stated Broken Arrow would sponsor the Agreement with Garver and Bixby would pay Broken Arrow.

MOTION: A motion was made by Johnnie Parks, seconded by Justin Green.

Move to approve a Professional Services Agreement with Garver, LLC for the Feasibility Study of a Supplemental Connection with the City of Bixby (Project No. WL23100)

The motion carried by the following vote:
Aye: 5 - Justin Green, Lisa Ford, Johnnie Parks, Christi Gillespie, Debra Wimpee

7. Remarks and Inquiries by Governing Body Members

There were no remarks or inquiries by Governing Body Members.

8. Remarks and Updates by City Manager and Staff

There were no remarks or updates by City Manager or Staff.

9. Executive Session

There was no Executive Session.

10. Adjournment

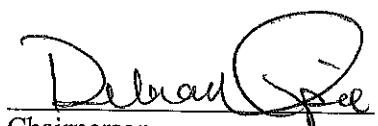
The meeting was adjourned at approximately 7:50 p.m.

MOTION: A motion was made by Lisa Ford, seconded by Johnnie Parks.

Move to adjourn

The motion carried by the following vote:

Aye: 5 - Justin Green, Lisa Ford, Johnnie Parks, Christi Gillespie, Debra Wimpee


Chairperson


Secretary

