



City of Broken Arrow
Minutes
Broken Arrow Municipal Authority

City Hall
220 S 1st Street
Broken Arrow OK
74012

Chairperson Craig Thurmond
Vice Chair Scott Eudey
Trustee Johnnie Parks
Trustee Debra Wimpee
Trustee Christi Gillespie

Tuesday, April 21, 2020

Council Chambers

1. Call to Order

Chairperson Craig Thurmond called the meeting to order at approximately 8:30 p.m.

2. Roll Call

Present: 5 - Christi Gillespie, Debra Wimpee, Johnnie Parks, Scott Eudey, Craig Thurmond

3. Consideration of Consent Agenda

- A. 20-32 **Approval of the Broken Arrow Municipal Meeting Minutes of April 7, 2020**
- B. 20-420 **Approval of and authorization to execute Amendment No.1 to Professional Services Agreement with Garver, LLC for Lynn Lane Wastewater Treatment Plant (LLWWTP) Disinfection Improvements (Project No. S.1905)**
- C. 20-424 **Approval of and Authorization to execute - Change Order #4 with Walters Morgan Construction, Inc. for Construction Contract 175436; Verdigris River Water Treatment Plant Pretreatment Basin Expansion**
- D. 20-421 **Award the most advantageous bid to Diamond Products for the purchase and installation of 14 cart tipplers on 14 refuse trucks for the Sanitation Division of the General Services Department**
- E. 20-431 **Ratification of the Claims List Check Register dated April 15, 2020**

Chairperson Thurmond asked if there were any items to be removed from the Consent Agenda. There were none.

MOTION: A motion was made by Johnnie Parks, seconded by Christi Gillespie.

Move to approve the Consent Agenda

The motion carried by the following vote:

Aye: 5 - Christi Gillespie, Debra Wimpee, Johnnie Parks, Scott Eudey, Craig Thurmond

4. Consideration of Items Removed from Consent Agenda

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

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

There were no Public Hearings, Appeals, Presentations, Recognitions, or Awards.

6. General Authority Business

- A. 20-371 **Consideration, presentation, discussion, and possible approval of glass as an acceptable recycle program material**

General Services Director Lee Zirk reported on March 3, 2020, BAMA approved the new Recycling Program Operational Plan with the exception of acceptable program materials. He noted in the Operational plan, glass was not recommended as an acceptable program

material. He explained it was understood glass had a negative impact on the revenues of recycling materials. He indicated BAMA instructed Staff to provide additional information, specifically concerning glass and the costs associated with accepting glass as a program material. He stated Mr. Robert Pickens, Vice President of Recycling at Tulsa Recycling and Transfer (TRT) would discuss glass and the associated costs. He stated Ms. Kate Vasquez, the Consultant with GBB, and Graham Brannin with the M.e.t. were present for questions as well.

Mr. Robert Pickens, Vice President of Recycling at Tulsa Recycling and Transfer, discussed the recycling materials collected through the Broken Arrow recycling pilot program to date. He noted glass accounted for almost 20% of materials collected. He explained glass was recycled into reusable pellet materials of which 85% was sent to glass manufacturers in Oklahoma, 12% was used for insulation and 3% was used for road asphalt. He indicated these percentages were relatively stable. He reported it cost approximately \$50 per ton to recycle glass; the composite value of glass cost \$9.83 per ton. He explained this meant the cost of glass reduced the income received from recycling by \$9.83 per ton. He indicated not allowing glass to be recycled would provide a savings of \$0.16 (16 cents) per household. He noted recycling glass was a cost whether recycled at the curb or at a depot; however, the cost to the City was less when recycled curbside. He stated American Waste Control (Tulsa Recycling and Transfer) provided curbside collection for the City of Jenks, Glenpool, and Bixby. He noted American Waste Control offered recycling collection as a part of the curbside services and all three of these cities included glass as an acceptable recycling material.

Trustee Debra Wimpee stated she understood the Citizens of Broken Arrow were excited glass would be included as an acceptable recyclable material.

Chairperson Thurmond stated he felt it was important for glass to be recycled if possible.

Trustee Parks discussed the Citizen's Recycling Committee's feelings about recycling glass; the Committee understood it might not be profitable, but still wished to recycle glass. He stated he would be disappointed if glass were not deemed to be an acceptable material; however, he would go along with the Authority's decision. He noted if glass were sent with the trash to the burn center it would be wasted. He noted he was surprised Staff had recommended against recycling glass at the last BAMA Meeting.

Vice Chair Eudey stated having served on the M.e.t. he understood the loss of recycling glass; he understood how good the M.e.t. was at recycling glass, and he did not see a need to include glass in the curbside program. He stated he preferred to wait and possibly include glass as a curbside material in the future. He explained it would be very difficult to remove glass from the curbside program, but easy to add glass in the future. He noted most cities did not like accepting glass but did so as a service for its citizens.

Trustee Gillespie asked if accepting glass curbside would negatively affect the M.e.t. Vice Chair Eudey responded in the negative; recycling glass curbside might ultimately reduce the M.e.t.'s bottom line, but it would not reduce the City's support for the M.e.t.

Mr. Graham Brannin agreed with Vice Chair Eudey. He stated the health of the M.e.t. was primarily based upon the support of the citizens of Broken Arrow and the elected officials; therefore, if support for the M.e.t. continued, it would simply alter its operations to best serve the Community's needs.

Trustee Wimpee asked if Coweta regularly used the M.e.t. Mr. Brannin responded in the affirmative; the M.e.t. was the primary recycling outlet for Coweta. Trustee Wimpee

suggested a campaign to encourage Coweta residents to bring recyclables to the M.e.t. Mr. Brannin noted there were opportunities through the new Recycling Education Coordinator Broken Arrow hired to collaborate on ways to maximize service quality to the public and he felt ultimately the M.e.t. would benefit from the public service messages sent out by Broken Arrow about recycling.

Ms. Kate Vasquez, Project Manager with GBB, stated many communities with curbside recycling also had drop-off centers. She noted some communities which prohibited curbside glass collection actually ended up recycling more glass as the glass being dropped off was of better quality (cleaner and properly prepared for recycling) and therefore, was being better utilized than the uncleaned glass being sent out curbside. She stated the value of other recycling commodities tended to rise when glass was not being collected curbside; however, with Broken Arrow being such a large community the impact was less significant. She noted often residents would send glass out curbside whether it was an accepted material or not, and if not accepted glass then became a contaminant.

Ms. Vasquez indicated in the decision-making process whether glass was marketable in the area should be considered; glass was marketable in Broken Arrow and would be recycled/reused. She noted glass was being recycled effectively at Tulsa Recycling. She reported some cities hesitated to include glass curbside as it effected the tonnage numbers; this was not the case with Broken Arrow. She stated for Broken Arrow cost could be the deciding factor; however, Broken Arrow understood recycling glass would be a cost and the cost was not a huge burden at only 16 cents per household. She noted if cost was not an issue and marketability of glass was not an issue the final deciding factor was recycling program intent. She explained the intent of the curbside program was to allow residents to recycle optimally and conveniently; requiring residents to bring glass to a drop-off facility was not the most convenient option, nor was it the optimal option as there would be a loss of recyclable materials (some residents would not recycle glass if required to utilize a drop-off facility). She noted many residents expected glass to be an acceptable curbside recyclable. She noted conversely recyclable processing costs were higher than trash processing costs and glass was a heavy material and the M.e.t. did have a dedicated glass recycling program.

Ms. Vasquez explained it was difficult for GBB to make a hard recommendation in this regard as there were no decidedly firm factors against or for glass recycling curbside. She indicated the City should consider the needs and wishes of the Citizens of Broken Arrow. She stated whichever choice the City made, glass would still be recycled, either through collection curbside or through the M.e.t. program; therefore, the City should consider what would provide the best experience for recycling program participants.

Trustee Gillespie asked how much it would cost to recycle glass curbside per household. Mr. Zirk responded it would cost 16 cents per household. He noted when GBB developed the program budget, glass was an included curbside material. Trustee Gillespie asked if including glass as a curbside recyclable would cause an increase in rates for the Citizens of Broken Arrow. Mr. Zirk responded in the negative; including glass would not increase rates.

Trustee Parks asked if current trash collection rates would stay the same upon implementation of the recycling program with glass. Mr. Zirk responded in the affirmative. Trustee Parks stated he appreciated the M.e.t.; he brought recyclables to the M.e.t.; however, he believed glass should be allowed curbside as he did not believe most residents would bring glass to the M.e.t. He stated he believed most residents understood glass to be a recyclable material and as such should be included curbside.

Vice Chair Eudey stated he understood Trustee Parks' points, but still disagreed.

MOTION: A motion was made by Johnnie Parks, seconded by Debra Wimpee.

Move to approve of glass as an acceptable recycle program material

The motion carried by the following vote:

Aye: 4 - Christi Gillespie, Debra Wimpee, Johnnie Parks, Craig Thurmond
Nay: 1 - Scott Eudey

B. 20-434 Acknowledgement of the Execution of a Professional Consultant Agreement with HDR Engineering, Inc. for the Emergency Operations of the Verdigris River Water Treatment Facility due to the Coronavirus Pandemic (Kenny Schwab)

Assistant City Manager of Operations Kenny Schwab reported this Item acknowledged a contract the City Manager executed with HDR Engineering. He stated the amount of the contract fell within the City Manager's authority as established by Ordinance; however, City Manager Spurgeon and Staff felt it was important to present this Item to the Authority and to have this on record for the Public. He explained the Authority (BAMA) opened a state of the art 20 million gallon a day (MGD) microfiltration membrane water treatment facility in April 2014. He stated the plant utilized a high-technology, unique, treatment process known as microfiltration through a specialized membrane unit. He stated although this process had been around for many years, specifically on the east and west coast where land was extremely valuable, it was not often used in the central part of the United States except for the state of Texas. He noted prior to this plant coming online, Staff discussed the importance of ensuring the plant had quality employees with the highest degree of certifications, largely because this was such unique technology. He reported today the plant had ten licensed operators working at the water plant; three of whom carried the highest level of certification (Class A). He noted the plant was currently functioning on rotating shifts (Team A and Team B) due to the pandemic and social distancing requirements. He explained the contract with HDR Engineering provided backup operational staff in view of the current Coronavirus Pandemic. He explained based upon a potential "worst-case" scenario, the Utilities Department negotiated, and the City Manager executed, an Emergency Operations Agreement with HDR Engineering, Inc., the engineering firm who designed the plant; the Agreement provided onsite plant operational staff and remote staff in the event that the Water Treatment Plant staff were adversely impacted by the pandemic and could not perform their respective duties. He stated the Emergency Operations Agreement included two phases: 1) The Operations Introduction phase which provided training of HDR staff (40 hours) for an amount not to exceed \$10,500. 2) Should it be needed, the Operations Phase would be implemented by amendment based on the agreed to hourly rate and would be brought before the Authority, if necessary, in a special meeting for authorization.

Mr. Schwab explained this was a proactive Agreement which provided assurance the City would have proper essential operating staff at the water plant when needed. He noted Staff recommended the Authority acknowledge the City Manager's execution of the Emergency Operations agreement.

MOTION: A motion was made by Scott Eudey, seconded by Johnnie Parks.

Move to acknowledge the Execution of a Professional Consultant Agreement with HDR Engineering, Inc. for the Emergency Operations of the Verdigris River Water Treatment Facility due to the Coronavirus Pandemic

The motion carried by the following vote:

Aye: 5 - Christi Gillespie, Debra Wimpee, Johnnie Parks, Scott Eudey, Craig Thurmond

7. Remarks and Updates by City Manager and Staff

City Manager Spurgeon thanked Mr. Lee Zirk, Mr. Graham Brannin, Ms. Kate Vasquez and Mr. Robert Pickens. He thanked Mr. Kenny Schwab.

8. Executive Session

There was no Executive Session.

9. Adjournment

The meeting adjourned at approximately 9:03 p.m.

MOTION: A motion was made by Johnnie Parks, seconded by Scott Eudey.

Move to adjourn

The motion carried by the following vote:

Aye: 5 - Christi Gillespie, Debra Wimpee, Johnnie Parks, Scott Eudey, Craig Thurmond

Chairperson

Secretary