

City Hall, Council Chambers 401 S. Johnstone Avenue Bartlesville. OK 74003

REGULAR MEETING OF THE BARTLESVILLE CITY COUNCIL Monday, April 4, 2022 at 7 p.m.

Mayor Dale Copeland 918-338-4282

AGENDA

- 1. Call to order the business meeting of the Bartlesville City Council by Mayor Copeland.
- 2. Roll call and establishment of a quorum.
- 3. Invocation by Errol Hada, The Lighthouse Outreach Center.
- 4. Citizens to be heard.
- 5. City Council Announcements, Commendations, Presentations and Proclamations.
 - Presentation of the 2021 PISCES Exceptional Project plaque to the City of Bartlesville by Ms. Tonya White, Marketing and Outreach Manager, Financial Assistance Division of the Oklahoma Water Resources Board.
 - Donate Life Month April 2022
 - Fair Housing Month April 2022
 - Civitan Month April 2022
 - World Autism Day April 2, 2022 and Autism Acceptance Month April 2022
- 6. Authorities, Boards, Commissions and Committee Openings
 - · One opening on the Park Board
- 7. Consent Docket
 - a. Approval of Minutes
 - i. The Regular Meeting Minutes of Monday, March 7, 2022.
 - ii. The Special Meeting Minutes of March 21, 2022 and March 28, 2022.
 - b. Approval of Appointment, Reappointments and Ratifications to Authorities, Boards, Commissions and Committees
 - i. Reappointment of Ms. Debra Cook and Ms. Louis Reich to additional three-year terms on the White Rose Cemetery Board at the recommendation of Mayor Copeland.
 - ii. Appointment of Ms. Miranda Shelts and Mr. Joe Todd to three-year terms on the White Rose Cemetery Board at the recommendation of Mayor Copeland.

c. Approval of Agreements, Contracts, Leases, Memorandums of Understanding, and Proposals.

- i. Contract between the City of Bartlesville/Public Library and Creativebug, LLC for a one-year subscription to the Creativebug Database for Fiscal Year 2022/2023 for on-line video arts and crafts workshops, techniques, patterns, templates and recipes for anyone who has a current Library card.
- ii. Contract between the City of Bartlesville/Public Library and Link Media Outdoor for billboards for the 2022 Summer Reading Program.
- iii. Contract between the City of Bartlesville/Public Library and ProQuest for annual subscription for the database, Newspaper.com-World Collection.
- iv. Amendment to the current agreement between the City of Bartlesville/Public Library and Innovative Interfaces for *The Carousel Toolkit* license in order to display carousels of books on the main page of the Library website under development.
- v. Contract between the City of Bartlesville and CEC Corporation for engineering services on the M. J. Lee Parking Improvements Project.
- vi. Traffic Signal Maintenance Agreement and Resolution with the Oklahoma Department of Transportation for Job Piece Number 23438(10) State Highway 123 over Caney River.
- vii. Merchant Agreement between the City of Bartlesville/Municipal Airport with Kropp Holdings, Inc. to sell merchandise, products or services to authorized holders of the RESQ card for first responders and/or the U.S. Government Air Card.

d. Approval Surveyor's Certificate and Correction of Plat

 Surveyor's Certificate and correction of the plat of Cunningham Addition to the City of Bartlesville, Washington County, Oklahoma.

e. Adoption of Ordinance

i. Amendment to the City of Bartlesville plan adopting revised and restated Oklahoma Municipal Retirement fund (OMRF) Master Defined Contribution Retirement Plan.

f. Receipt of Financials

- i. Interim Financials for the eight months ending February 28, 2022.
- 8. Report on the YMCA managed, city-owned swimming pools and athletic fields. Presented by Robert Phillips, YMCA Chief Executive Officer.
- Discuss and take possible action on an agreement with the Osage Nation Gaming Enterprise to provide sewer service for property located west of the Bartlesville Corporate Limits. Presented by Terry Lauritsen, Director of Water Utilities.
- 10. Discuss and take possible action on an agreement with the Osage Nation Gaming Enterprise for downstream sewer line improvements within the City's wastewater collection system. Presented by Terry Lauritsen, Director of Water Utilities.
- 11. Discuss and take possible action on an agreement with the Osage Nation Gaming Enterprise for tourism support for property located west of the Bartlesville Corporate Limits. Presented by Terry Lauritsen, Director of Water Utilities.

- 12. Discuss and take possible action to adopt an Ordinance amending Chapter 20 of the Bartlesville Municipal Code pertaining to water and wastewater rates and fees. Presented by Jason Muninger, CFO/City Clerk.
- 13. Discuss and take possible action to adopt an Ordinance amending Chapter 8 of the Bartlesville Municipal Code pertaining to Garbage and Trash rates and fees. Presented by Jason Muninger, CFO/City Clerk.
- 14. New Business.
- 15. City Manager and Staff Reports.
- 16. City Council Comments and Inquiries.
- 17. Adjournment.

The Agenda was received and filed in the Office of the City Clerk and posted in prominent public view at City Hall at 5:00 p.m. on Thursday, March 31, 2022.

Jason Muninger

Jason Muninger, CFO/City Clerk

/s / Elaine Banes

by Elaine Banes, Deputy City Clerk

City of Bartlesville Agendas and Packets: https://www.cityofbartlesville.org/city-government/city-council/meeting-agendas/

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Open Meetings Act Compliance (25 O.S. Sec. 301 *et seq.*): all discussion items are subject to possible action by the City Council. Official action can only be taken on items which appear on the agenda. The City Council may adopt, approve, ratify, deny, defer, recommend, amend, strike, or continue any agenda item. When more information is needed to act on an item, the City Council may refer the matter to the City Manager, Staff or City Attorney, or back to a committee or other recommending body. Under certain circumstance, items are deferred to a specific later date or stricken from the agenda entirely. Agenda items requiring a public hearing as required by law will be so noted. The City Council may at their discretion change the order of the business agenda items. City of Bartlesville encourages participation from all its citizens. If participation at any public meeting is not possible due to a disability, notification to the City Clerk at least one working day prior to the scheduled meeting is encouraged to make the necessary accommodations. The City may waive this rule if signing is not the necessary accommodation.



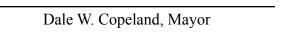
Official Proclamation

Donate Life Month - April 2022

- **WHEREAS**, one of the most meaningful gifts that a human being can bestow upon another is the gift of life; and
- **WHEREAS**, approximately 518 Americans received a life-saving or enhancing organ transplant last year, and
- WHEREAS, a new patient is added to the national patient transplant list every 9 minutes, and
- **WHEREAS**, over 108,000 men, women, and children are currently on the national waiting list for organ transplantation, with more than 600 in the Oklahoma; and
- **WHEREAS**, an average of 17 people died each day last year awaiting an organ transplant that did not come in time; and
- WHEREAS, Oklahoma has a registry system allowing all residents to register their wish to save lives through organ and tissue donation at https://www.lifeshareregistry.org/register/ or by calling toll-free 1-888-580-5680 or have a heart put on their driver's license; and
- **WHEREAS**, the LifeShare Transplant Donor Services of Oklahoma is the nonprofit organization formed to educate Northeastern Oklahoma residents about donation, increase the number of registered organ donors and eliminate barriers to donation; and
- WHEREAS, the State supports this organization's life-saving mission; and
- WHEREAS, everyone is a potential organ, eye, and tissue donor,

NOW THEREFORE, the Bartlesville City Council does hereby officially proclaim the month of April 2022 as "Donate Life Month" to honor all those who have made the decision to donate life, to focus attention on the extreme need for donation and to encourage all Oklahoma residents to register their wish to be organ, eye, and tissue donor.

IN WITNESS WHEREOF, we hereunto set our hands and caused the Official Seal of the City of Bartlesville, Oklahoma, to be affixed this 4th day of April, in the year of our Lord two thousand and twenty-two.





Official Proclamation

Fair Housing Month April 2022

WHEREAS, April 11, 2022 will mark the 54th anniversary of the U.S. Fair Housing Law, Title VIII of the Civil Rights Act of 1968, as amended, which sought to eliminate discrimination in housing opportunities and to affirmatively further housing choices for all Americans; and

WHEREAS, the ongoing struggle for dignity and housing opportunity for all is not the exclusive province of the Federal government; and

WHEREAS, in 1995 the City Council of the City of Bartlesville adopted a Fair Housing Ordinance, solidifying the City's commitment to the spirit of nondiscrimination; and

WHEREAS, the City Council has further designated the Bartlesville Board of Adjustment as the Fair Housing Council and requests that any person or group of persons planning activities to promote fair housing to inform the Secretary of the Bartlesville Board of Adjustment of said activities; and

WHEREAS, illegal barriers to equal opportunity in housing, no matter how subtle, diminish the rights of all.

NOW THEREFORE, in the pursuit of the shared goal and responsibility of providing equal housing opportunities for all men and women, I, Dale Copeland, Mayor of the City of Bartlesville, Oklahoma, do hereby join in the national celebration by officially proclaiming April 2022 as "Fair Housing Month" and encourage all agencies, institutions and individuals, public and private in the City of Bartlesville to abide by the letter and spirit of the Fair Housing Law.

IN WITNESS WHEREOF, I hereunto set my hand and cause the Official Seal of the City of Bartlesville, Oklahoma, to be affixed this 4th day of April, in the year of our Lord two thousand and twenty two.



Official Proclamation

Civitan Month April 2022

Whereas, Civitan International was founded in 1917 in Birmingham, Alabama; and

Whereas, the over 40,000 members in over 1,300 clubs worldwide work together to make their communities better places; and

Whereas, Civitan has contributed millions of dollars and volunteer hours to help people with developmental disabilities; and

Whereas, Club projects provide citizens with meaningful involvement in their communities; and

Whereas, Civitan promotes good citizenship and emphasizes its responsibilities; and

Whereas, Civitan is recognized for its support of research and treatment of developmental disabilities through its funding of the Civitan International Research Center; and

Whereas, the Bartlesville Civitan Club embodies the ideals of Civitan in our own community:

NOW, THEREFORE, The City Council of the City of Bartlesville, does hereby proclaim the month of April 2022 as Civitan Awareness Month in Bartlesville, and in so doing, urge all citizens to actively support and take pride in the worthwhile efforts of this international service organization and in the work of Civitan's in our community.

IN WITNESS WHEREOF, we hereunto set our hands and caused the Official Seal of the City of Bartlesville, Oklahoma, to be affixed this 4th day of April, in the year of our Lord two thousand and twenty-two.





Official Proclamation World Autism Awareness Day - April 2, 2022 and World Autism Month – April 2022 Proclamation

WHEREAS autism affects an estimated 1 in 44 children and is a complex disorder that affects each person differently, resulting in unique strengths and challenges; and

WHEREAS autism can cause challenges with verbal and nonverbal communication, social interaction, and repetitive behaviors, and can affect anyone, regardless of age, race, ethnicity, gender, or socioeconomic background; and

WHEREAS autism is often accompanied by medical conditions that impact quality of life; and

WHEREAS a comprehensive, collaborative approach will help to advance research, providing a better understanding of the many forms of autism, while strengthening advocacy efforts and ensuring access to services and resources throughout the life span; and

WHEREAS early diagnosis and intervention tailored to individual needs can have lifelong benefits, easing the transition to adulthood and fostering greater independence; and,

WHEREAS each person and family affected by autism should have access to reliable information, supports and opportunities to live up to their greatest potential; and,

WHEREAS the City of Bartlesville is honored to take part in the annual observance of World Autism Month and World Autism Awareness Day to address the diverse needs of individuals and families affected by autism;

NOW, THEREFORE, the Bartlesville City Council does hereby proclaim April 2021 as WORLD AUTISM MONTH and April 2, 2022 as WORLD AUTISM AWARENESS DAY in the City of Bartlesville to increase understanding and acceptance of people with autism spectrum disorder.

IN WITNESS WHEREOF, we hereunto set our hands and caused the Official Seal of the City of Bartlesville, Oklahoma, to be affixed this 4th day of April, in the year of our Lord two thousand and twenty-two.

Dale Copeland, Mayor	



City Hall, Council Chambers 401 S. Johnstone Avenue Bartlesville. OK 74003

THE MINUTES OF THE REGULAR MEETING OF THE BARTLESVILLE CITY COUNCIL Monday, March 7, 2022 at 7 p.m.

Mayor Dale Copeland 918-338-4282

MINUTES

(The Notice of Meeting was posted December 15, 2021 and the Agenda was posted February 3, 2022 at 5:00 p.m.)

Present were Mayor Dale Copeland, Vice Mayor Jim Curd, Jr., Councilmembers Trevor Dorsey, Paul Stuart, and Billie Roane.

City staff present were Tracy Roles, Acting City Manager; Jess Kane, City Attorney; Jason Muninger, City Clerk/CFO; Lisa Beeman, Director of Community Development; Terry Lauritsen, Director of Water Utilities; Shellie McGill, Director of the Public Library; Kelli Williams, Chief Communications Officer; Fire Chief David Toping; Matt McCollough, IT Director; Mike Richardson, Airport Director; Captain Troy Newell, Security; and Elaine Banes, Executive Assistant.

- 1. The business meeting of the Bartlesville City Council was called to order at 7:00 p.m. by Mayor Copeland.
- 2. Roll call was held and a quorum established.
- 3. The Invocation was provided by Pastor Joe Colaw, First Wesleyan Church.
- 4. Citizens to be heard.

There were no citizens to be heard.

- 5. City Council Announcements, Commendations and Proclamations.
 - Police Chief Tracy Roles presented Life Saving Awards to Officer Steven Letterman, Officer Kenneth Jackson, Officer Patrick Ballard, Officer Shawn Caudle, and Corporal Ryan Deshields.
- 6. Authorities, Boards, Commissions and Committee Openings
 - One opening on the Park Board
 - Two openings on the White Rose Cemetery Board

Mayor Copeland read the openings and encouraged citizens to volunteer on City Committees. Applications can be found at www.cityofbartlesville.org or at City Hall in the City Manager's Office.

7. Consent Docket

- a. Approval of Minutes
 - i. The Regular Meeting Minutes of Monday, February 7, 2022.

b. Approval of Appointment, Reappointments and Ratifications to Authorities, Boards, Commissions and Committees

- i. Appointment of Mr. Graeme Biggs to fill an unexpired term on the Community Center Trust Authority at the recommendation of Mayor Copeland.
- ii. Appointment of Mr. Verlyn Timmons and Mr. Bruce Kinkade to three year terms each on the Sanitary Sewer Improvement Oversight Committee at the recommendation of Councilmember Dorsey.
- iii. Reappointment of Mr. Gary Reheis, Ms. Adrene Linehan, and Mr. Paul Taylor to additional three year terms on the Adams Golf Course Committee at the recommendation of Councilmember Dorsey.

c. Approval of Agreements, Contracts, Leases, Memorandums of Understanding, and Proposals.

- Amendment to Contract No. F-22-041 between the Oklahoma Department of Libraries and the City of Bartlesville/Bartlesville Public Library extending the date to receive grant funds to August 15, 2022.
- ii. Annual Contract between the City of Bartlesville/Bartlesville Public Library and TK Elevator (formally known as Thyssenkrupp Elevator) for annual maintenance of the Library's two elevators.
- iii. Amendment with Tyler Technologies for Utility Bill Software for \$134,662.00.
- iv. Engagement Letter for audit services with Arledge and Associates P.C.
- v. Contract with KRS, manager of the Phillips 66 Company proprietary aviation customer loyalty program, which will allow customers to earn points based on the volume of jet fuel and aviation fuel purchased referred to as the "WingsPoints Program".
- vi. Airport Hangar Lease Agreement between the City of Bartlesville/Bartlesville Airport and Bobbi and Brittney Day on a month-to-month basis in the amount of \$150 a month.
- vii. Professional Service Contract with Ambler Architects for construction administration services for the Library Teen Center Addition.

d. Receipt of Land Donation

 Receipt of a donation of 4.76-acres of land located in the SE/4 of Section 8, Township 26 North, Range 13 East from J.D. Stotts for Pathfinder Parkway.

e. Receipt of Financials

i. Interim Financials for the seven months ending January 31, 2022.

Mayor Copeland read the consent docket in its entirety.

Mr. Stuart moved to approve the consent docket, seconded by Vice Mayor Curd.

Aye: Ms. Roane, Mr. Stuart, Mr. Dorsey, Vice Mayor Curd, Mayor Copeland

Nay: None Motion: Passed

8. Discuss and take possible action on a Bartlesville Development Authority proposal to provide development assistance of \$30,430 to Luigi's Italian Restaurant upon completion of their new and expanded facility at 1409 SE Washington Boulevard, Bartlesville, Oklahoma. Presented by David Wood, President, Bartlesville Development Authority.

Mr. Wood reported that since 2014 when the Bartlesville Development Authority (BDA) entered into the retail recruitment arena, Bartlesville has seen much success. The results are Silver Lake village, Eastland, Shoppes at Turkey Creek, Bricktown Brewery, Schlotzsky's, Tropical Smoothie and more on the way. While pursuing national brands, it was important that Bartlesville's existing business could also benefit under the same financial terms. New incremental sales from an expanding existing business would, under policy, qualify for exactly the same incentive as an "outsider". Luigi's Italian Restaurant opening in Bartlesville in 2005, and when they were researching to acquire the tract adjacent to stride Bank on Highway 75, Luigi's owners reached out to the BDA to see what assistance might be available if he were to invest in a new expanded facility. A pro forma was developed and discussion ensued. Under policy, one-half of net new increase is available to the expanding business, and assuming our standard 10-year horizon, Luigi's is qualified for \$30,430 in development assistance upon Certificate of Occupancy. Mr. Wood continued stating the BDA only initiates formal discussions with the approval of the inquiring party and due to a misunderstanding between BDA and Luigi's owners, no action and no public disclosure happened with their project until after the Certificate of Occupancy rather than before a construction commitment was made. While of modest amount, this incentive was factored into Luigi's decision to go forward with a significant investment in Bartlesville, and BDA regrets the error. BDA believes it is the right thing to do and recommend awarding the incentive in the amount of \$30,430.

Vice Mayor Curd stated his appreciation of the process developed to assist businesses in our community. He added his appreciation of the owners of Luigi's for the investment they have made in Bartlesville. Mayor Copeland concurred and added his wish for Luigi's continued success.

Mr. Stuart moved to approve an incentive in the amount of \$30,430 be awarded to Luigi's by the Bartlesville Development Authority, seconded by Ms. Roane.

Aye: Mr. Dorsey, Vice Mayor Curd, Ms. Roane, Mr. Stuart, Mayor Copeland

Nay: None Motion: Passed

9. Discuss and take possible action to approve a Letter of Support from the City of Bartlesville and Bartlesville Fire Department for Immediate Advanced Medics operating a Prehospital EMRA and a Standby EMRA, as required per Oklahoma State EMS Code 310:641-15-2(i)(i). Presented by Councilmember Billie Roane.

Ms. Roane reported that she met Mr. Anthony during her husband's stay in the hospital where he was her husband's physical therapist. When he realized the Ms. Roane was a City Councilmember, he shared his proposal for an emergency medical response agency and that he would appreciate the City's support. Included in Mr. Anthony's executive summary that Ms. Roane referred to she reported that IAM is not a replacement emergency service for the existing ambulance service. It is considered a non-ambulance paramedic organization and is not in completion with, but complimentary to the ambulance service. IAM offers patient treatment and education. Community para-medicine in Oklahoma is a developing field designed to treat patients at home when necessary to avoid emergency overcrowding at the hospital, unnecessary readmissions or possible contamination of emergency facilities at the hospital. IAM will carry all the same medicines, equipment and each employee will receive all of the training like an EMS service, which is a State requirement of Oklahoma. IAM is required and will have a consulting physician on staff, and each therapist, nurse, medic, will have advanced certification. Although emergency medical response agencies can be found in other states, IAM will be the only one in Oklahoma at this time. IAM will be beneficial to citizens who have been released from the hospital but do not have home health

immediately, or they can fill in with services until a patient can get in to see their doctor. Mr. Anthony met with the Bartlesville Ambulance Commission, with Ms. Roane, City Manager Bailey, Fire Chief Topping, and Mr. Dan Dalton, owner of the Bartlesville Ambulance Service. The Ambulance Commission voted in favor of recommending approval of the Letter of Support to the City Council. Included in the staff report are support letters provided by Bartlesville's emergency officials.

Ms. Roane moved to approve the required Letter of Support, seconded by Vice Mayor Curd.

Vice Mayor Curd stated his appreciation to Ms. Roane and Mr. Anthony for bringing this service to our community. Ms. Roane stated that Mr. Anthony has a good reputation in our community to which Mayor Copeland concurred. Ms. Roane added that Mr. Anthony will be making reports to the Bartlesville Fire Chief and the local EMS periodically on this service.

Aye: Vice Mayor Curd, Ms. Roane, Mr. Stuart, Mr. Dorsey, Mayor Copeland

Nay: None Motion: Passed

10. Discuss and take possible action to award a contract for the completion of a conference center feasibility study to Hunden Strategic Partners in an amount not to exceed \$48,800. Presented by Lisa Beeman, Director, Community Development.

Ms. Beeman reported that on December 6, 2021 the City Council authorized staff to issue a Request for Proposal (RFP) for a conference center feasibility study and approved a budget resolution to fund the study. The RFP was issued on January 10, 022 with six proposals received. The proposals were reviewed, rated and ranked by a review committee comprised of Vice Mayor Jim Curd, City Manager, Mike Bailey Visit Bartlesville Director Maria Gus, Community Center Development Director Val Callaghan, City Engineer Micah Siemers, Chief Financial Officer and City Clerk, Jason Muninger, and herself. The rating and ranking was upon predetermined criteria set forth in the RFP, with interviews held on March 1, 022 for the top three respondents: Johnson Consulting (Chicago, IL), CSL International(Minneapolis, MN), and Hunden Strategic Partners (Chicago, IL). After reviewing all proposals and the interviews, the review committee recommends award of a contract to Hunden Strategic Partners for the completion of a conference feasibility study as set forth in the RFP at a cost not to exceed \$48,800. If approved by the City Council, staff will proceed to execute a contract with Hunden Strategic Partners and begin the study. The review committee will oversee the completion of the feasibility study and bring the completed study to the City Council for acceptance.

Discussion ensued covering how if the study determines there is a conference center need, then Hunden will bring in a design firm who will look at existing buildings to see if they are structurally competent to become a conference center; how Hunden would assist in looking at options for a center or if conference center needs can be met with other options; and how Hunden has a good reputation in the business and would provide an honest service to Bartlesville. Mayor Copeland stated the need for a specialist in this field in order to allow the City to make the best possible decision.

Vice Mayor Curd moved to approve to award the contract for completion of a conference center feasibility study to Hunden Strategic Partners in an amount not to exceed \$48,800, seconded by Mr. Stuart.

Aye: Ms. Roane, Mr. Stuart, Mr. Dorsey, Vice Mayor Curd, Mayor Copeland

Nay: None Motion: Passed Ms. Beeman stated that the Letter of Intent with First Christian Church may need to be extended in order to allow the time needed by Hunden to complete their study.

11. Discuss and take possible action on a proposal from Adam Pratt of the Lake Hudson Trail Building Group to create a mountain bike trail at Hudson Lake, a city-owned lake located northwest of Bartlesville as recommended by the Park Board. Presented by Lisa Beeman, Director, Community Development.

Ms. Beeman reported that at its regular meeting on February 17, 2022, the Park Board received a proposal from Adam Pratt, representing a group of people within the community who are interested in building a mountain bike trail at Hudson Lake. The idea for system of mountain bike trails at this city-owned park facility was initially discussed in 2018 when another group expressed similar interest and went so far as to develop a master plan for an extensive trail system at Hudson Lake which totaled 14.43 miles. At that time, construction was estimated at a little over \$500,000. A staff suggested public-private partnership to construct this trail system through the use of grant funding did not go forward at that time due to lack of matching funding from the private sector. Ms. Beeman provided history of Hudson Lake concluding that it is an underutilized park facility with many potential opportunities to enhance the public's recreational use as well as to attract tourism through event offerings if thoughtfully developed.

Ms. Beeman continued reporting that Mr. Pratt and others of like mind bought forward interest in the incremental construction of a mountain bike trail system using volunteer labor and private funding with assistance from the City where appropriate. The trail would be a natural hard packed dirt trail with minimal tree removal that would be a single track, 18 to 36 inches in width, and suitable also for hikers and trail runners. The trail, built to International Mountain Bike Association Standards, would create a corridor that is 10 to 15 feet high and 4 to 8 feet wide, paying attention to sustainability, slope, drainage, and preventing erosion. Phase I of the trail would start at the lake's east hilltop parking lot, and traverse north up the east shoreline as shown here which would provide around trip trail of 1.2 miles. Construction of Phase I would begin as soon as possible with the goal to be completed in less that two years. Details on the construction of Phase I would be worked out between the group and Bobby Robinson, Park Superintendent, with Park Board involvement as needed. Future phases of approximately 2 to 5 miles would access areas further north or on the west shore of the lake. The full proposal offers the volunteer construction and maintenance of the proposed trail. Similar proposals and projects have been successful, ie. Bartlesville Disc Golf Association for the Shawnee trail Disc Golf Course and the Bark Park Buddies for cooper Dog Park. If the volunteer group is unable to maintain the trail after built, the trail will revert back to its natural state unless another entity takes over. The local group will work under the umbrella of the Oklahoma EarthBike Fellowship, the Oklahoma Chapter of the International Mountain Bike association, which has provided a liability insurance policy naming the City of Bartlesville as an insured. They have also expressed an interest n working with and learning from other volunteer groups who lead the efforts in developing the trails in other locations.

Mr. Pratt provided additional information regarding the proposed six phases for the trail. He added that the Mountain Bike Association has availability to grants that will assist with expenses in development. Vice Mayor Curd stated what a great idea the trail is and other cities with trails are well utilized. Mr. Pratt stated that the first phase will take a few months, possibly completed by the end of summer or fall 2022.

Vice Mayor Curd moved to approve the proposal to create a mountain bike trail at Lake Hudson as presented, seconded by Ms. Roane.

Mayor Copeland added that it is important to note that the City is supporting the proposal only, with no City funding extended.

Aye: Mr. Stuart, Mr. Dorsey, Vice Mayor Curd, Ms. Roane, Mayor Copeland

Nay: None Motion: Passed

12. New Business.

There is no new business to report.

13. City Manager and Staff Reports.

There were no reports at this time.

14. City Council Comments and Inquiries.

Mr. Stuart inquired if the body cam footage from the life-saving situations is leveraged for training. Chief Roles stated that there is a two-week in-service training for new officers on overdoses, and the experiences such as presented this evening are used for training.

Vice Mayor Curd stated his appreciation for the wonderful support of his fellow City Councilors for the programs used by David Wood and the Bartlesville Development Authority. Mayor Copeland concurred adding that other cities are in contact with him about these successful programs.

Ms. Roane stated how impressed she is with how citizens of Bartlesville come together to make positive things happen in the community. For example, the mountain bike trail and the Run the Ville event held recently to raise money for Mary Martha. She added a big thank you to all of the citizens of Bartlesville who work together and contribute to make Bartlesville a great place to live.

Mayor Copeland noted that everything on the agenda provided positive aspects for our community, and how these things are what makes Bartlesville the city and community inviting to live here.

He added that a freezing weather event is predicted for Thursday night and asked everyone to watch out for each other. Also, to be careful of heaters and how they are used in order to prevent fires.

Ms. Roane mentioned that a public comment meetings will be held on March 28 and March 29 regarding the City's Strategic Plan. Mayor Copeland explained that this Plan will be for developing city organizational goals and how to reach them.

15.	. There b	eing no	further	business	to address,	Mayor	Copeland	adjourned	the me	eting at
	8:11 p.r	m.								

	Dale W. Copeland, Mayor	
Jason Muninger, CFO/City Clerk		



MINUTES OF SPECIAL "WORKSHOP" MEETING OF THE BARTLESVILLE CITY COUNCIL

Monday, March 21, 2022 7:00 p.m.

Mayor Dale Copeland 918-338-4282

City Hall, 1st Floor Conference Room 401 S. Johnstone Avenue Bartlesville, OK 74003

MINUTES

(The Notice of Meeting and the Agenda was posted Thursday, March 17, 2022 at 5:00 p.m.)

Present were Mayor Dale Copeland, Vice Mayor Jim Curd, Jr., Councilmembers Trevor Dorsey, Paul Stuart and Billie Roane.

City staff present were Mike Bailey, City Manager; Jess Kane, City Attorney; Jason Muninger, CFO/City Clerk; Lisa Beeman, Director of Community Development; Terry Lauritsen, Director of Water Utilities; Keith Henry, Director of Public Works; Greg Collins, Assistant Community Development Director; Kelli Williams, Chief Communications Officer; Captain Jay Hastings, Security; and Elaine Banes, Executive Assistant.

- 1. The business meeting of the Bartlesville City Council was called to order a 7:00 p.m. by Mayor Copeland.
- 2. Roll call was held and a quorum established.
- 3. The Invocation was provided by Ms. Roane.
- 4. Citizens to be heard.

Jason Ramsey asked that sidewalks be repaired and completed throughout town, as well as down Highway 75 for people who do not own a car or who may be disabled. He also addressed flood zone areas in neighborhoods northwest of downtown where he resides.

Jim King was in attendance to listen to the sidewalk proposal, and to inquire about bicycle and scooter laws regarding riding on the sidewalk.

Mr. Bailey explained that per the Oklahoma Open Meeting, responses to questions and inquiries brought forward in the citizens to be heard portion of the meeting were not allowed. He invited Mr. Ramsey and Mr. King to stay so that their concerns could be discussed with staff after the meeting adjourned.

5. Presentation and discussion of City of Bartlesville Sidewalk Regulations. Presented by Greg Collins, Assistant Director of Community Development.

Mr. Collins reported that City staff has researched and drafted a proposed amendment to the municipal code providing clarification on the process by which landowners and developers are responsible for construction of sidewalk during the land subdivision and building permit process. The proposed municipal code provisions are based on a City of Tulsa model that was enacted in 2013. The proposed code clarifies that sidewalk construction is required for properties whenever there is (a) a subdivision of land, or (b) development for which a building permit and a certificate of occupancy or certificate of compliance are required. The proposed code allows landowners to pay a fee in lieu of sidewalk construction, for those properties that are not in "critical sidewalk areas." For those properties in "critical sidewalk areas," the land owner /developer would be required to install sidewalk, and would not be eligible for the fee-in-lieu option, unless they qualified for a deferment under specific circumstances, granted by the Community Development Director. "Critical sidewalk areas" are defined as (1) properties abutting or connecting to an existing sidewalk; (2) properties abutting arterial or collector streets; or (3) new subdivisions or replats of existing subdivisions. A landowner could appeal the Community Development Director's denial of a deferment / fee-in-lieu application to the Streets and Traffic Committee.

City staff is also considering drafting and implementing a policy for a cost-sharing program whereby landowners not falling within the categories discussed above may voluntarily enter into an agreement with the City to split the costs of sidewalk construction to fill gaps in the sidewalk network. One example of such a program, in Stephenville, Texas. This program would not be mandated by ordinance, but rather, would be implemented by policy and funded by City Council through the budget process.

Discussion covered how sidewalk maintenance was the responsibility of the property owners whose property abuts the sidewalk; a map of all sidewalks is underway in order to find gaps and develop connectivity throughout town; highway sidewalk plans is under the authority of the State; how the Mayor would like to see sidewalk repairs by property owners less difficult by minimizing the permit process and cost required to make repairs; how the permit and fees in place allow for repairs to meet safety guidelines/bonding, and to cover the cost of staff processing and inspections. Mr. Bailey encouraged the Council to forward their and their constituent's concerns and questions to staff for their consideration when planning and preparing this policy.

6. Presentation and discussion on the performance of the Automated Water Meter System. Presented by Terry Lauritsen, Director of Water Utilities.

Mr. Lauritsen reported that in 2013, the City of Bartlesville installed an automated meter infrastructure (AMI) system for the water meters. This system replaced all the existing manually read meters with meters that automatically read and reported data, at predetermined intervals, to the City. At the time of the conversion, the projected benefits of the AMI system included; quicker response to customer inquiries (questions could be answered at the time of the call instead of sending a technician out to the property to investigate, report back to City staff and then City staff would call the customer back); proactive leak detection; and reassignment of 3 of the 4 meter readers to vacant positions within the water department. The City contracted with Mueller for this AMI conversion. Mueller was the only bidder that met all the specifications for the project, which included the following: Guaranteed 99% meter reading success; Fixed base type of system to automatically report data to the City without a drive by system to transmit data: Two-way communication with the meter to allow for updates to be pushed out to the system as well as the ability to capture an on-demand read; Remote meter shut off; Ability to set leak detection through the system software with notifications via email or text; Customer portal with real time consumption comparisons, high and low flow leak detection notification via email and weather/precipitation history; and 20 year warranty, with the first 10 years being a full warranty and years 11-20 prorated. The cost of the Mueller system was \$3,817,093.67, and the install was complete in December 2013. The City is now at the 10year mark with this system.

Continuing, using a PowerPoint, Mr. Lauritsen reported that the customer portal was not as presented by Mueller. It was sold with integration with the E-care payment portal which was not provided as presented; leak detection notifications were unreliable; required customer to manually calculate usage to match monthly bill; and was discontinued by Mueller in August 2021. Continuing the customer portal would have to be through a 3rd party software company at approximately \$0,000 increase in costs per year. Mueller guaranteed a 99 % meter reading success with a 10% failure rate over a 10 year period. To-date, the City has experienced a 98% failure rate and has replaced components on 16,086 out of 16,403 meters installed in 2013. City staff has replaced 18,925 nodes which were all fully warrantied. There are large delays in receiving warranty parts, and the City is now entering into the pro-rated portion of the warranty. Between 2023-2028, it is anticipated the system will cost an additional \$300,000 per year (the pro-rated cost of each component is set by Mueller each year).

In 2019 Mueller approached the City about upgrading the AMI system to their V4 system from the existing V3 system. It was presented that the upgrade would include repeaters and collectors; the V4 system would fully back compatible with the V3 meters; and in July 2020 the City budgeted \$350,000 for this potential upgrade. Mr. Lauritsen reported that the V4 system is not backward compatible as presented by Mueller. The City would have to pay for any V4 node, even if the V3 failed, and due to Mueller not yet addressing contract comments sent to them in early September 2021, contract negotiations have stalled.

Discussion covered options presented by Mr. Lauritsen as follows: Stay with Mueller, pay \$350,000 for the V4 upgrade with addition \$300,000 for component replacements; Go with another AMI system, replace system incrementally as nodes fail (pay as you go type approach) with an estimated cost of \$1.5MM per year; Go with another AMI system and replace the entire system through a contract of \$7.5MM; or abandon AMI and go back to manual meter reads, estimated cost \$250,000 with additional quotes needed for data recording software. Additional discussion covered the disappointing Mueller system; how Mr. Stuart's suggestion of possibly using a customer's WiFi to connect meters as a backup may not be reliable; and how the City has a two to three year window to research and decide on how to proceed. Mr. Lauritsen stated that he would be providing a performance summary at the next regular City Council meeting.

7. Presentation and discussion of water, wastewater, and sanitation cost of services and rates design. Presented by Jason Muninger, CFO/City Clerk.

Mr. Muninger reported that in March of 2021, the City engaged with NewGen Strategies and Solutions for a comprehensive cost of service and rate design for utilities. While year one of the plan was adopted and went into effect for FY 2021-2022, the remaining 4 years are still to be determined. Using a PowerPoint, Mr. Muninger provided information on Water and Wastewater Rates reporting on significant assumptions of inflationary factors and volumetric assumptions; project costs; and utility rates scenarios. He added that another ordinance will be necessary to implement future phases of the new proposed water rate plan; consideration must be taken into account for AMI options as set out by Mr. Lauritsen in the previous item; and all scenarios will continue implementation of inclining block rate structure and capital improvement fees. Mr. Muninger provided the initial proposed five year rate plan; charts with the AMI funding options; and a summary of cost changes with the impact to customers. Included in the report was Solid Waste rate increases where Mr. Muninger again utilized the same inflation factors and capital projects. Solid Waste capital projects are not infrastructure driven, but equipment driven and based on needs for the remaining 4 fiscal years. He provided charts showing the impact of increases for residential service, additional cart collection, and commercial cart and roll-off services.

Discussion covered the pros and cons of spacing the increases out instead of implementing all on July 1; explanation of how increases are to begin on the first day of the fiscal year; how customers are steadily increasing the number of polycarts per household; and how the proposed increases are generally the same as what was proposed last year. Mr. Muninger stated that any Council input will be appreciated as it comes time to start the Budget process for FY 2022-2023 very soon.

Prior to adjourning the meeting, Mr. Bailey reminded the Council that Strategic Plan Kick-off meetings will begin Monday, March 28 through Tuesday, March 29. The public meetings will be held at the Bartlesville Community Center at 7 p.m. on Monday, and at 2:30 p.m. on Tuesday. The City Council Kick-off meeting will be at 1 p.m. Monday at City Hall. Employee meetings will be held Tuesday morning.

8.	There being no further business to discuat 9:03 p.m.	iss, Mayor Copeland adjourned the meeting
		Dale W. Copeland, Mayor
Ja	son Muninger, CFO/City Clerk	



City Hall, 1st Floor Conference Room 401 S. Johnstone Avenue Bartlesville, OK 74003

MINUTES OF THE SPECIAL MEETING OF THE BARTLESVILLE CITY COUNCIL

Monday, March 28, 2022 1:00 p.m.

Mayor Dale Copeland 918-338-4282

MINUTES

(The Notice of Meeting and the Agenda was posted Wednesday, March 23, 2022 at 5:00 p.m.)

Present were Mayor Dale Copeland, Vice Mayor Jim Curd, Jr., Councilmembers Trevor Dorsey, Paul Stuart and Billie Roane.

City staff present were Mike Bailey, City Manager; Jess Kane, City Attorney; Kelli Williams, Chief Communications Officer; Lt. Warren Morrow, Security; and Elaine Banes, Executive Assistant.

- 1. The business meeting of the Bartlesville City Council was called to order at 1:00 p.m. by Mayor Copeland.
- 2. Roll call was held and a quorum established.
- 3. The Invocation was provided by Mayor Copeland.
- 4. Citizens to be heard.

There were no citizens to be heard.

5. Strategic Planning Kick-Off and Discussion. Presented by Patrick Ibarra of The Mejorando Group.

Mr. Ibarra provided background about himself and his company. He stated that his role in building the strategic plan is to gather information such as benefits and weakness, as well as goals from the Management Team, City Council and citizens. He provided copies of the logos that will be used in marketing participation in the strategic plan, stating that following the in-person meetings, an e-survey will be submitted to the public to obtain input on what they would like to see planned.

Referring to the packet of information provided to the City Councilmembers (attached), Mr. Ibarra reviewed the project timeline and activities; development of the City's missions, values and vision and what each should mean/contain; and listed on a flip chart what the City Council sees as benefits/strengths, weaknesses, opportunities, and trends. The Council offered benefits of the organization as: efficient; unique services; proactive/not reactive; job growth; promotion of the benefits of the City; boards & commissions; advocates/regulators; provides quality of life; transparent; accessible; education such as City Beat and radio shows, Council involvement in the community, mutual respect between Council members, responsive, prepared and civil discourse, the City's location; many benefits for newcomers; and how the Strategic Plan will help reinforce the benefits.

Weaknesses perceived by the City Council were: a perception of there is nothing to do here; the Council may be overly conservative; and getting the younger generation to engage in leadership roles to minimize the same volunteers being utilized over and over again.

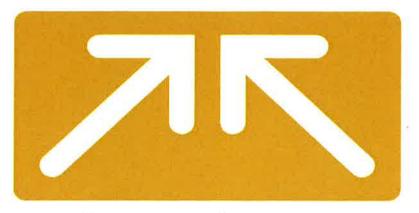
Opportunities and trends discussed were: telecommuters; broadening employment base; recruiting and maintaining public safety employees; downtown attractions and improvement; infill housing for those who do not necessary want traditional homes with yards; improving/providing shared interest of common demographics; and attracting the film industry.

Mr. Ibarra provided what he titled as, "Patrickisms", then on to a review of SWOT Analysis (Strengths, Weaknesses, Opportunities and Trends) for the next two to five years and beyond, as well as what types of services will residents require in the future that are not already provided; what types of infrastructure additions or expansions will be required for anticipated growth; and financial resources needed.

Mr. Ibarra thanked the City Council for their attendance and input. He told them that he did not feel they should attend the Community Conversations so that citizens can focus on what he is bringing to the meeting and be uninhibited with their input. Mayor Copeland instructed Ms. Banes to post a cancelation of meetings that had been previously posted for the two meetings.

6.	There	being	no	further	business	to	address,	the	Mayor	adjourned	the	meeting	at	2:56
	p.m.													

	Dale W. Copeland, Mayor
Jason Muninger, CFO/City Clerk	



mejorando group



MAYOR AND CITY COUNCIL STRATEGIC PLANNING KICK-OFF MEETING

Facilitated by

PATRICK IBARRA

March 28, 2022

BENEFITS FROM GOOD GOVERNMENT

"Role of local government is to be the protagonist/advocate for a better quality of life."



PROJECT SCHEDULE

Project Phase	Activity
1. Engage	Finalized Project Schedule. Once dates for Kick-off meetings are finalized, implement community outreach to publicize strategic planning process including the upcoming Community Conversations.
2. Enlist	 Monday, March 28th Kick-Off Meeting with Mayor and Council Kick-Off Meeting with Executive Leadership Team (which includes the Project Task Force Community Group meeting/conversation – 3:30 Community Conversation – 7 p.m.
	 Tuesday, March 29th Kick-Off meeting(s) with employees 8:00 9:15 10:30 1:00 Community Conversation – 2:30
	 Subsequent to the Kick-off meetings: Administer questionnaire of members of the governing body and executive leadership team. Continue Community Outreach. Administer online questionnaire for those interested in the community, to complete.
3. Examine and 4. Explore	Project Task Force convenes on Thursday, April 28 th and Friday, April 29 th to complete Situation Analysis: Review information gathered from all sources — governing body members, executive team members, city employees, online questionnaire and community conversations. Create draft Mission Statement Prepare draft Vision Statement Identify draft Core Values



Project Phase	Activity
	Written status update will be provided by the Mejorando Group to the City Manager with recommendation to forward to Mayor and Council for their review. Updates will be provided via social media with the intent to seek feedback from members of the public.
4. Explore	Project Task Force convenes on Tuesday , May 24 th and Wednesday , May 25 th to finalize:
	 Mission Statement Vision Statement Core Values Develop Goals, Objectives, and Performance Measures
	Written status update will be provided by the Mejorando Group to the City Manager with recommendation to forward to Mayor and Council for their review.
4. Explore	Project Task Force convenes on Wednesday , June 22 to finalize draft Strategic Plan.
5. Execute.	Mayor and Council adopt the Strategic Plan at their July 5 th meeting and implementation ensues.



STRATEGIC PLANNING AS A CONCEPT AND APPLICATION

A Strategic Planning process helps a community transition from where it is closer to realize its potential. Why have a set of priorities? There is little reason to invest the considerable time and energy required to create a list of priorities if you don't have a clear purpose for doing it. Thus, the strategic plan must be anchored to a fundamental necessity, and it must likewise meet a critical requirement. There are several reasons for the City to create a Strategic Plan, including the need to:

- a) Reinforce the value proposition for Bartlesville's future.
- b) Refreshes the city's "recipe for continued success."
- c) Guide decision making by leaders, managers, and staff.
- d) Clarify and facilitate the emergence of a consensus on the organization's strategy. The process can help the organization's employees find answers to the big questions about its purpose, meaning, and value.
- e) Communicate the priorities to all levels of the organization—and to its diverse stakeholders and customers.
- f) Strengthen the fit between departmental goals and the organization's overarching vision.
- g) Identify and align strategic initiatives, so the strategic actions of one part of the organization don't conflict with those of another.
- h) Help set parameters for the allocation of resources and the annual/operational budgeting process.
- i) Measure and evaluate the organization's progress in implementing its strategy and moving toward its vision.
- j) Identify organizational assets and strengths— the foundation for the organization's past success.
- k) Identify opportunities where the organization can improve and learn—areas that pose potential vulnerabilities, risks, or lost opportunities.
- Increase the probability that the organization will stay relevant to the community. Although nothing ensures an organization's long-term success, a list of priorities engages the organization in the big questions that challenge it to remain abreast of a changing world and marketplace.



STRATEGIC PLAN PROCESS

The focus of the process is to:

- 1) Reaffirm the Values, Vision and Mission Statements.
- 2) Hold a creative and collaborative conversation to explore the various ways the community's potential can be realized.
- 3) Help the governing body coalesce around their role as community builders.
- 4) Is an inclusive, participatory process in which members of the governing body, City staff and community members take on a shared ownership role.
- 5) Evaluate current conditions to identify opportunities to maximize and potential issues to mitigate.
- 6) Reduce ambiguity and translate headwinds of change into a tailwind.
- 7) Lead to action that is both innovative and effective.
- 8) Set goals for the time frame identified.



APPROACH TO STRATEGIC PLANNING

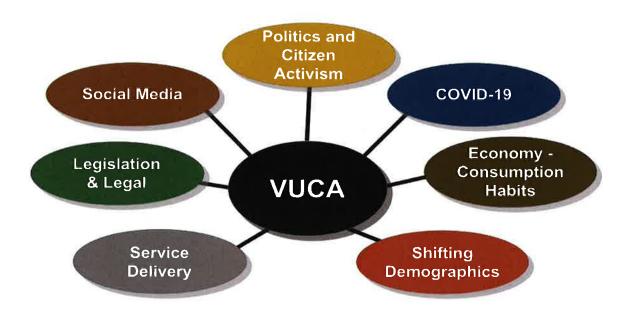


GOOD REMINDERS - PATRICKISMS

- 1) You want to succeed by choice, not by chance.
- 2) Use various lenses microscope, magnifying glass, telescope, and binoculars to examine issues and explore the future.
- 3) Requires prudent, thoughtful, and imaginative risk-taking.
- 4) Distinguish between problems you can fix and issues you can only address.
- 5) Process provides you opportunity to talk about things you don't always get to talk about, in a way you don't always get.
- 6) Decisions are influenced by Facts, Opinions, Beliefs, Values and Data.
- 7) Strengthen your versatility to be both responsive and proactive.
- 8) Keep in mind the concept of volunteerism because...
 - Residents volunteer to live in Bartlesville
 - Mayor and Council volunteer to serve
 - City staff volunteer to serve
 - o Business owners volunteer to invest
- 9) Leadership is about Plumbing and Poetry.
- 10) Process won't be efficient, but it will be productive.
- 11)Don't measure the success of the process by the length of the list!
- 12)Outcome is to create a road map that achieves:
 - Cohesion among elected officials and staff
 - Clarity about priorities
 - o Commitment to implementation
- 13) Best days for Bartlesville are in front of it!



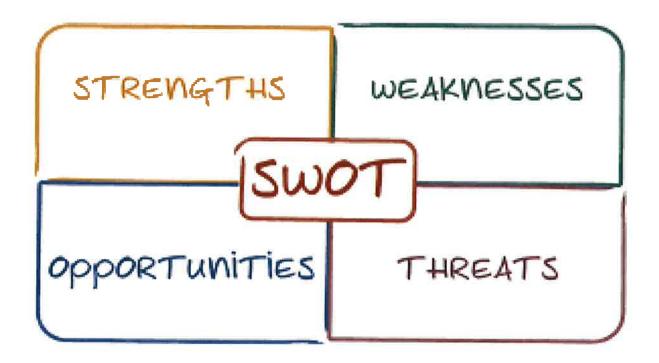
HEADWINDS EXAMINE THE PRESENT AND THE FUTURE



- 1. What are the relevant population trends for the next two to five years? Five to 10 years?
- 2. What types of services will residents require in the future that are not already provided? What might be required to fund and staff these services?
- 3. What types of infrastructure additions or expansions will be required to handle our anticipated growth? What financial resources are required to fund this work?
- 4. How will we enlist our community in our journey?



SWOT ANALYSIS



Evaluating the City's general strengths and weaknesses, this will include assessments of:

- City's Financial health
- Physical and social infrastructure
- Quality of services and programs
- Reputation (i.e., brand) of both the organization and individual services and programs
- Community demographics
- Community partners (i.e., businesses, education providers, non-profit organizations, etc.)
- Quality of Life dimensions (i.e., entertainment, culture, sports, etc.)





Agenda Item 7.b.i.

Date 3/17/22

Prepared by Public Works

Department

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Appoint Debra Cook as a board member to her first term on the White Rose Cemetery Board. Ms. Cook filled an unexpired term and will eligible to start her first term May 2022.

Attachments:

1. White Rose Cemetery Recommendation Letter

II. STAFF COMMENTS AND ANALYSIS

Ms. Cook is an active member on the White Rose Cemetery Board. She is a valuable member.

III. RECOMMENDED ACTION

Mr. Henry highly recommends Ms. Cook's appointment and Mayor Copeland concurs. Please set this reappointment for approval on the next available City Council agenda.



March 16, 2022

Mayor Dale Copeland Bartlesville City Council

Mayor Copeland:

I am requesting the City Council's consideration to appoint Debra Cook a first term to the White Rose Cemetery Board. Currently, Ms. Cook is filling an unexpired term and will be eligible to start her first term on May 2022. She is an active and valuable member on this Board. I highly recommend her appointment.

Please let me know if you have any questions or concerns.

Thank you for your consideration.

Sincerely,

Keith Henry, Director of Public Works

White Rose Cemetery Board

Leich Henry



Agenda Item 7.b.i.

Date 3/17/22

Prepared by Public Works

Department

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Reappoint Louise Reich as a board member to her second term on the White Rose Cemetery Board. Ms. Reich first term expires on February 2022.

Attachments:

1. White Rose Cemetery Recommendation Letter

II. STAFF COMMENTS AND ANALYSIS

Ms. Reich is an active member on the White Rose Cemetery Board. She is a valuable member.

III. RECOMMENDED ACTION

Mr. Henry highly recommends Ms. Reich's appointment and Mayor Copeland concurs. Please set this reappointment for approval on the next available City Council agenda.



March 16, 2022

Mayor Dale Copeland Bartlesville City Council

Mayor Copeland:

I am requesting the City Council's consideration to reappoint Louise Reich a second term to the White Rose Cemetery Board. Ms. Reich is an active member on this Board. She is a valuable member on the White Rose Cemetery Board and I highly recommend her reappointment.

Please let me know if you have any questions or concerns.

Thank you for your consideration.

Sincerely,

Keith Henry, Director of Public Works

White Rose Cemetery Board

leich Henry



Agenda Item 7.b.ii.

Date 3/17/22

Prepared by Public Works

Department

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Appointment for Miranda Shelts as board member on the White Rose Cemetery Board. Currently, this board has two vacancies.

Attachments:

- 1. White Rose Cemetery Board Application
- 2. White Rose Cemetery Recommendation Letter

II. STAFF COMMENTS AND ANALYSIS

Ms. Shelts has a vested interest in the White Rose Cemetery Board and anxious to become a member.

III. RECOMMENDED ACTION

City staff recommends the appointment of Ms. Shelts to the White Rose Cemetery Board.



March 17, 2022

To: Mayor Copeland & City Council Members

From: Keith Henry, Director of Public Works

Dear Mayor Copeland and City Council Members:

Ms. Shelts has applied to become board member of the White Rose Cemetery Board. I recommend her appointment. She is eager to volunteer within the community. Currently, she is Director of Community Engagement at the Price Tower. This fall, she will be graduating with her bachelor's degree in Interdisciplinary Studies in Education. She has a vested interest in the White Rose Cemetery and is anxious to become a board member.

The White Rose Cemetery Board terms are in 3-year increments with 6 years as the maximum.

I have attached a copy of her application for review.

Thank you for your consideration.

Sincerely, Leit Henry

Keith Henry, Director of Public Works

White Rose Cemetery Board

Elaine Banes

From: Sent:

Tuesday, March 15, 2022 1:55 PM LCO J Po Elaine Banes

To: Subject:

New submission from Application for City Boards, Commissions, Committees & Trust

Authorities

CAUTION: External Source. THINK BEFORE YOU CLICK!

Please check the ones you wish to serve on:

- Bartlesville Development Authority
- Bartlesville History Museum Trust Authority
- Bartlesville Redevelopment Trust Authority
- City Planning Commission
- Community Center Trust Authority
- Park Board
- Tax Incentive District Review Committee
- White Rose Cemetery Board

Name

Miranda Shelts

Address

1809 S Dewey Ave Basrtlesville, Oklahoma 74003 Map It

Home Phone

(910) 551-3633

Work Phone

(918) 336-4949

Cell Phone

(910) 551-3633

Email

mshelts@pricetower.org

What in your background qualifies you for service on the committees chosen (volunteer work, education, employment)?

I have spent time working as a bookkeeper, and now I am the Director of Community Engagement at the Price Tower. I will be graduating this fall with a bachelor's degree in interdisciplinary studies in education, business, and information systems. I am deeply passionate about Bartlesville and every moving piece that makes Bartlesville so great to raise my family in.

Tell us about your previous community involvement and the duration of your involvement.

With my current position, I am grateful to have the opportunity to network and make meaningful business connections and relationships. I am reaching out to further expand my involvement in this community, and I am incredibly eager to begin.

What would you like to see this board, commission, committee or authority accomplish?

With no doubt, the last two years have been challenging for every one in our community. I would love to support a board, commission, committee or authority by bringing attentive, yet insightful input and engaging in meaningful conversations.



Agenda Item 7.b.ii.

Date 3/17/22

Prepared by Public Works

Department

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Appointment for Joe Todd as board member on the White Rose Cemetery Board. Currently, this board has two vacancies.

Attachments:

- 1. White Rose Cemetery Board Application
- 2. White Rose Cemetery Recommendation Letter

II. STAFF COMMENTS AND ANALYSIS

Mr. Todd has a vested interest in the White Rose Cemetery Board and anxious to become a member.

III. RECOMMENDED ACTION

City staff recommends the appointment of Mr. Todd to the White Rose Cemetery Board.



March 17, 2022

To: Mayor Copeland & City Council Members

From: Keith Henry, Director of Public Works

Dear Mayor Copeland and City Council Members:

Mr. Todd has applied to become a board member of the White Rose Cemetery Board. I recommend his appointment. He is eager to volunteer within the community. Currently, he is retired from the Oklahoma Historical Society. He is a member of the Bartlesville Area History Museum and received award for Historian of the Year. He has a vested interest in the White Rose Cemetery and is anxious to become a board member.

The White Rose Cemetery Board terms are in 3-year increments with 6 years as the maximum.

I have attached a copy of his application for review.

Thank you for your consideration.

Sincerely,

Keith Henry, Director of Public Works White Rose Cemetery Board

Reich Henry

Elaine Banes

From:

ian@bitbrilliant.com

Sent:

Tuesday, February 08, 2022 12:25 PM Tecol & Blaine Banes

To:

Subject:

New submission from Application for City Boards, Commissions, Committees & Trust

certeithenv

Authorities

CAUTION: External Source. THINK BEFORE YOU CLICK!

Please check the ones you wish to serve on:

White Rose Cemetery Board

Name

Joe Todd

Address

107 County Road 2019 Bartlesville, Oklahoma 74003 Map It

Home Phone

(918) 336-7753

Cell Phone

(918) 914-2179

Email

toddjoe@sbcglobal.net

What in your background qualifies you for service on the committees chosen (volunteer work, education, employment)?

BA from the University of Oklahoma. Graduate work University of Texas, Retired from the Oklahoma Historical Society. Member of Bartlesville Area History Museum, awarded Historian of the Year

Tell us about your previous community involvement and the duration of your involvement.

I have served on the Friends of the Bartlesville Area Museum, Currently a member of the Bartlesville Area History Museum Trust Authority. Volunteer at the Bartlesville Public Library.

What would you like to see this board, commission, committee or authority accomplish?

I would like to see White Rose Cemetery board continue beautification of the cemetery grounds and help annual events.



Agenda Item 7.c.i.

April 4, 2022

Prepared by Shellie McGill

Library

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Discuss and renew the contract to Creativebug, LLC for a one-year subscription to the Creativebug Database for Fiscal 2022/2023.

Attachments:

Creativebug Subscription Renewal Contract

II. STAFF COMMENTS AND ANALYSIS

Creativebug provides over 1,000 on-line video arts and crafts workshops, techniques, patterns, templates, and recipes. This database has remote access for anyone who has a current Library card. This will be the 4th year that the library has provided this database.

III. RECOMMENDED ACTION

Staff recommends City Council approval of this service for the Library Staff and the Bartlesville Community.



Sales Rep	Meghan Haddad-Null
	Customer Information
Company Name	Bartlesville Public Library
Street Address	600 S. Johnstone
City	Bartlesville
State	ОК
Zip	74003

Customer Sales Rep Contact Info			
Name	Cindy L. Blackburn		
Email	clblackburn@cityofbartlesville.org		
Phone			

Customer Billing Contact Info (Don't complete if same as Cutomer Rep info)			
Name	Elsie Green		
Email	elgreen@cityofbartlsville.org		
	918-338-4165		

	Contract Information				
Contract Type:	1 Year				
Effective Date:	04/01/2022				
Execution Date:					
Payment Terms:	Net 90 Days				

	Commitme	nt/Contract Re	newal Information	
	Term Start	Term End	Amount	Comments
Year 1	04/01/2022	03/31/2023	\$ 1250	
Year 2			\$	
Year 3			\$	
Total Contract Amount			\$ 1250	
Library	×	School		

Additional Comments	

3/17/2022 10:33:06 AM CDT
Date
Date

NOTE:

Checks for Creativebug should be made out to Jo-Ann Stores, LLC for the amount identified on page 2 of the Subscription Order Form:

ATTN: Creativebug P.O. Box 399 Hudson, OH 44236-0399

Creativebug, LLC 2560 Ninth Street Unit 314/316 Berkeley, CA 94710

Creativebug, LLC Subscription Renewal Form

Subscriber:	Bartlesville Public Library 600 S. Johnstone	("Subscriber")
	Bartlesville OK	
Effective Date:	04/01/2022	
<u>Term</u> :	12 months	
Minimum Term:	6 months*	
Fees:	Annual fee: \$ 1250 Total Fee: \$ Annual fee to be paid to Creativebug within 9	
Description:	Terms and Conditions), Creativebug hereby a right to access and use the Creativebug Servic Users in accordance with this Agreement. Creative Description of the Creative D	and compliance with this Agreement (including the grants Subscriber a non-exclusive, non-transferable ces during the Term, solely for use by Authorized eativebug will provide to Subscriber the necessary rized Users to access the Services solely through
Cancellation:	Either party may cancel the Agreement by pro- Cancellation or termination for any reason beguaranteed fees owed to Creativebug by Substitution	roviding 30 days' written notice to the other Party. * efore expiration of the Minimum Term will result in scriber for the Minimum Term.
and is subject to, t and binding when	the Creativebug Subscription Agreement Term	clined above. This Order Form is issued pursuant to, as and Conditions. This Order Form becomes valid rebug, LLC. Upon signature, the Order Form is a start on the Effective Date.
Acknowledg Acknowledg	e you have read and agree to the Creativebug's e you have read and agree to the Creativebug's	Subscription Agreement Terms and Conditions s Website Privacy Policy – Enterprise Users
Subscriber:		Creativebug, LLC
Ву:		Ву:
Print Name:		Print Name:
Title:		Title:
Date:		Date:

Creativebug, LLC 2560 Ninth Street Unit 314/316 Berkeley, CA 94710

Term Information

Creativebug Enterprise Subscription (Apr '22 - Mar '23

\$ 1250

Amount due 90 days from

04/01/2022

\$ 1250

Please send checks to:

Jo-Ann Stores, LLC ATTN: Creativebug P.O. Box 399 Hudson, OH 44236-0399

Checks should be made out to Jo-Ann LLC for the amount identified above.

Creativebug Subscription Agreement

Terms and Conditions – Enterprise Users

This Subscription Agreement ("Agreement") consists of the Order Form and these Terms and Conditions – Enterprise Subscribers, and is made between Creativebug, LLC, a Delaware limited liability company, 2560 Ninth Street, Suite 314-316, Berkeley, CA 94710 ("Creativebug"), and the Subscriber listed on the Order Form. Creativebug and Subscriber may be referred to collectively as the "Parties" or individually as a "Party."

Subscriber desires to access the Services, and Creativebug desires to provide Subscriber and its patrons (members) access to the Services, subject to this Agreement. In consideration of the mutual covenants, terms, and conditions set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

1. Definitions

- a. "Aggregated Data" means any data and information submitted, posted, or otherwise transmitted by or on behalf of Subscriber or an Authorized User through the Services; or any data and information related to Subscriber and an Authorized User's use of the Services, including any data and information automatically collected by or on behalf of Creativebug.
- b. "Authorized User" means an individual having a valid and active Subscriber library card or membership who is authorized by Subscriber to access and use the Services under the rights granted to Subscriber pursuant to this Agreement.
- c. "Creativebug Content" means all works created by or on behalf of Creativebug for: (a) incorporation in Creativebug's online classes, including, but not limited to, educational videos, transcripts, materials lists, and lookbooks; and (b) use in connection with the Services.
- d. "Creativebug IP" means the Services, Creativebug Content, Aggregated Data, and any and all intellectual property rights associated therewith.
- e. "Creativebug Trademarks" means the CREATIVEBUG® trademark; creativebug.com; and all other future trademarks applied-for, registered, or licensed by Creativebug in connection with the Services.
- f. "Fees" means the subscription fees in the Order Form.
- g. "Services" means the services provided by Creativebug on its website (www.creativebug.com) for delivering proprietary educational video classes, including all material associated with Creativebug Content.

2. Access and Use

- a. Provision of Access. Subject to Subscriber's payment of the Fees and compliance with this Agreement, Creativebug hereby grants Subscriber a non-exclusive, non-transferable right to access and use the Services during the Term, solely for (1) use by Authorized Users in accordance with this Agreement, and (2) use by Subscriber during public classes and events ("public performance"). Creativebug will grant access to its website to Authorized Users through personalized log-in credentials, which may be the same, similar to, or associated with an Authorized User's membership (card) number or other identifying information with Subscriber. Authorized Users are subject to Creativebug's Terms and Conditions of Use, Privacy Policy, and other provisions applicable to Creativebug's website, as stated on Creativebug's website from time to time (collectively, the "Creativebug Terms").
- b. <u>Use Restrictions</u>. Subscriber shall not use the Services, or encourage any Authorized User to use the Services, for any purpose beyond the scope of the access granted in this Agreement. Subscriber shall

not at any time, directly or indirectly: (1) copy, modify, or create derivative works of the Services or Creativebug Content, in whole or in part; (2) rent, lease, lend, sell, license, sublicense, assign, distribute, publish, transfer, or otherwise make available the Services or Creativebug Content; (3) reverse engineer, disassemble, decompile, decode, adapt, or otherwise attempt to derive or gain access to any software component of the Services, in whole or in part; (4) remove any proprietary notices from the Services or Creativebug Content; or (5) use the Services or Creativebug Content in any manner or for any purpose that infringes, misappropriates, or otherwise violates any intellectual property right or other right of any person, or that violates any applicable law.

- c. Reservation of Rights. Creativebug reserves all rights not expressly granted to Subscriber in this Agreement. Except for the limited rights and licenses expressly granted under this Agreement, nothing in this Agreement grants, by implication, waiver, estoppel, or otherwise, to Subscriber or any third party any intellectual property rights or other right, title, or interest in or to the Creativebug IP.
- d. <u>Suspension</u>. Creativebug may temporarily suspend Subscriber's and any Authorized User's access to any portion or all of the Services if:
 - 1. Creativebug reasonably determines that (A) either Subscriber or an Authorized User has infringed or misappropriated any Creativebug IP; (B) Subscriber or any Authorized User is using the Services in a manner that violates applicable laws; (C) the events in Section 9(b)(3) occur to Subscriber; (D) Creativebug's provision of the Services to Subscriber or any Authorized User is prohibited by applicable law; or (E) Creativebug determines in its sole discretion that suspension is required in order to comply with any federal, state or local law or regulation;
 - 2. Any vendor of Creativebug has suspended or terminated Creativebug's access to or use of any third-party services or products required to enable Subscriber to access the Services; or
 - 3. Non-payment of Fees in accordance with Section 4(a)(2).

Each of the conditions described in Section 2(d) is referred to as a "Service Suspension." Creativebug shall use commercially reasonable efforts to provide written or email notice of any Service Suspension to Subscriber and to provide updates regarding resumption of access to the Services after any Service Suspension. Creativebug shall use commercially reasonable efforts to resume providing access to the Services as soon as reasonably possible after the event giving rise to the Service Suspension is cured. Creativebug will have no liability for any damage, liabilities, losses (including any loss of data or profits), or any other consequences that Subscriber or any Authorized User may incur as a result of a Service Suspension.

e. <u>Aggregated Data</u>. Creativebug may monitor its website and the Services and collect and compile Aggregated Data. Subscriber agrees that Creativebug may use Aggregated Data to the extent and in the manner permitted under applicable law.

3. Subscriber Responsibilities

Subscriber shall use reasonable efforts to make all Authorized Users aware of this Agreement's provisions as applicable to such Authorized User's use of the Services, such as notifying Authorized Users that they will be subject to Creativebug's Terms.

4. Fees and Payment

a. Subscriber shall pay Creativebug the Fees in accordance with the Order Form without offset or deduction. If Subscriber fails to make any payment when due, without limiting Creativebug's other rights and remedies: (1) Subscriber shall reimburse Creativebug for all costs incurred by Creativebug in collecting any late payments, including reasonable attorneys' fees, court costs, and collection agency fees; and (2) if such failure continues for 10 days or more, Creativebug may terminate this

- Agreement or suspend Subscriber's and its Authorized Users' access to any portion or all of the Services until such amounts are paid in full.
- b. All Fees and other amounts payable by Subscriber under this Agreement are exclusive of taxes and similar assessments. Subscriber is responsible for all sales, use, and excise taxes, and any other similar taxes, duties, and charges of any kind imposed by any federal, state, or local governmental or regulatory authority on any amounts payable by Subscriber hereunder, other than any taxes imposed on Creativebug's income.

5. Intellectual Property Ownership

Subscriber acknowledges that, as between Subscriber and Creativebug, Creativebug solely owns all right, title, and interest in and to the Creativebug IP.

6. Warranty Disclaimer

THE CREATIVEBUG IP IS PROVIDED "AS IS" AND CREATIVEBUG HEREBY DISCLAIMS ALL WARRANTIES, WHETHER EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE. CREATIVEBUG SPECIFICALLY DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE, AND NON-INFRINGEMENT, AND ALL WARRANTIES ARISING FROM COURSE OF DEALING, USAGE, OR TRADE PRACTICE. CREATIVEBUG MAKES NO WARRANTY OF ANY KIND THAT THE CREATIVEBUG IP OR ANY USE THEREOF WILL MEET SUBSCRIBER'S OR ANY OTHER PERSON'S REQUIREMENTS, OPERATE WITHOUT INTERRUPTION, ACHIEVE ANY INTENDED RESULT, BE COMPATIBLE OR WORK WITH ANY SOFTWARE, SYSTEM OR OTHER SERVICES, OR BE SECURE, ACCURATE, COMPLETE, FREE OF HARMFUL CODE, OR ERROR FREE.

7. Indemnification

a. Creativebug Indemnification.

- 1. Creativebug shall indemnify, defend, and hold harmless Subscriber from and against all losses, damages, liabilities, and costs (including reasonable attorneys' fees) ("Losses") incurred by Subscriber resulting from any third-party claim, suit, action, or proceeding that the Services, or any use of the Services in accordance with this Agreement, infringes or misappropriates such third party's intellectual property rights, provided that Subscriber promptly notifies Creativebug in writing of the claim, cooperates with Creativebug, and allows Creativebug sole authority to control the defense and settlement of such claim.
- 2. If such a claim is made or appears possible, Subscriber agrees to permit Creativebug, at Creativebug's sole discretion, to (A) modify or replace the Services, or component or part thereof, to make it non-infringing, or (B) obtain the right for Subscriber to continue use. If Creativebug determines that neither alternative is reasonably available, Creativebug may terminate this Agreement in its entirety or with respect to the affected component or part effective immediately on written notice to Subscriber.
- 3. Creativebug has no indemnification obligation if the alleged infringement arises from: (A) use of the Services in combination with data, software, hardware, equipment, or technology not provided by Creativebug or authorized by Creativebug in writing; or (B) modifications to the Services not made by Creativebug.
- 4. This Section 7 sets forth Subscriber's sole remedies and Creativebug's sole liability and obligation for any actual, threatened, or alleged claims that the Services infringe, misappropriate, or otherwise violate any intellectual property rights of any third party.

b. Subscriber Indemnification. Subscriber shall defend, indemnify and hold Creativebug, its shareholders, directors, officers, employees, affiliates, suppliers, artists, service providers and licensors ("Indemnified Persons") harmless from all Losses incurred by Creativebug in connection with any third-party claim, suit, action, or proceeding arising out of, or related to, Subscriber's: (1) use of the Services; (2) violation of any provision of this Agreement; (3) infringement or misappropriation of any Creativebug IP or third-party intellectual property rights; or (4) unauthorized use of any Aggregated Data collected from any Authorized User. Subscriber may not settle, compromise, or in any other manner dispose of any claim described in this Section 7(b) without the written consent of the Indemnified Persons. Notwithstanding the forgoing, if Subscriber is a library (individual or system) or other governmental agency or unit, then the indemnification obligation shall be applicable only if it is so permitted by applicable law, and solely to the extent permitted.

8. Limitation of Liability

In no event will Creativebug be liable under or in connection with this Agreement under any legal or equitable theory, including breach of contract, tort (including negligence), strict liability, and otherwise, for any: (a) consequential, incidental, indirect, exemplary, special, enhanced, or punitive damages; (b) increased costs, diminution in value or lost business, production, revenues, or profits; (c) loss of goodwill or reputation; (d) use, inability to use, loss, interruption, delay or recovery of any data, or breach of data or system security; or (e) cost of replacement services, in each case regardless of whether Creativebug was advised of the possibility of such losses or damages or such losses or damages were otherwise foreseeable.

In no event will Creativebug's aggregate liability arising out of or related to this Agreement under any legal or equitable theory, including breach of contract, tort (including negligence), strict liability, and otherwise exceed the total amounts paid to Creativebug under this Agreement during the preceding calendar year prior to the event giving rise to the claim.

9. Term, Renewal and Termination

- a. The Term begins on the Effective Date and will continue in effect for the period identified on the Order Form. For any Term whose initial period is longer than one year, this Agreement will automatically renew on each anniversary of the Effective Date for identical, successive periods. For any Term whose initial period is one year or less, this Agreement will not renew automatically. The Minimum Term, if any, is identified on the Order Form.
- b. <u>Termination</u>. In addition to any other termination right in this Agreement:
 - 1. Creativebug may terminate this Agreement at any time if Subscriber: (A) fails to pay any amount when due and such failure continues more than 10 days after notice to Subscriber; or (B) breaches any of its obligations under Section 2(b);
 - 2. Either Party may terminate this Agreement, with or without cause, upon 30 days' written notice to the other Party; or
 - 3. Either Party may terminate this Agreement at any time if the other Party: (A) becomes insolvent or is generally unable to pay, or fails to pay, its debts as they become due; (B) files or has filed against it, a petition for bankruptcy or otherwise becomes subject, voluntarily or involuntarily, to any proceeding under any bankruptcy or insolvency law; (C) makes or seeks to make a general assignment for the benefit of its creditors; or (D) applies for or has appointed a receiver, trustee, custodian, or similar agent appointed by court order to take charge of, or sell, any material portion of its property or business.

Cancellation or termination of this Agreement for any reason before expiration of the Minimum Term will result in guaranteed fees owed to Creativebug by Subscriber for the Minimum Term.

- c. <u>Effect</u>. Upon expiration or earlier termination of this Agreement, Subscriber shall immediately discontinue use of the Creativebug IP and Subscriber shall delete, destroy, or return all copies of the Creativebug IP and certify in writing to Creativebug that the Creativebug IP has been deleted or destroyed. No expiration or termination will affect Subscriber's obligation to pay all Fees that may have become due before such expiration or termination, or entitle Subscriber to any refund.
- d. <u>Survival</u>. The provisions of this Agreement that by their sense and context are intended to survive the completion of the performance, cancellation or termination of this Agreement will so survive, including Sections 4, 5, 6, 7, 8 and 9.

10. Miscellaneous

- a. <u>Entire Agreement</u>. This Agreement constitutes the sole and entire agreement of the Parties with respect to the subject matter of this Agreement and supersedes all prior and contemporaneous understandings, agreements, and representations and warranties, both written and oral, with respect to such subject matter.
- b. Notices. All notices and other communications (each, a "Notice") must be in writing and addressed to the Parties at the addresses on the Order Form (or to such other address that may be designated in accordance with this Section). A Notice is effective when: (a) received by the receiving Party; or (b) seven days after being sent by certified US mail, return receipt requested; or by private courier service (e.g. UPS, FedEx) to the Party's address on the Order Form. Notices to Creativebug must be copied to: Creativebug, c/o JOANN, 5555 Darrow Road, Hudson, OH 44236, Attn: General Counsel.
- c. Unavoidable Delay. In no event shall either Party be liable to the other Party, or be deemed to have breached this Agreement, for any failure or delay in performing its obligations under this Agreement (except for any obligations to make payments), if and to the extent such failure or delay is caused by any circumstances beyond such Party's reasonable control, including but not limited to, acts of God, flood, fire, earthquake, explosion, war, terrorism, invasion, riot or other civil unrest, strikes, labor stoppages or slowdowns or other industrial disturbances, interruptions or disruptions in utility service or in other networks or connections necessary for the provision or hosting of websites or the Services on the internet / world wide web, or passage of law or any action taken by a governmental or public authority, including an embargo. Creativebug has no responsibility or liability for public utility connections, transmission networks, communications towers, cable or fiber networks, and other equipment or services of third parties that may be necessary for the availability of the internet / world wide web.
- d. Amendment and Modification: Waiver. No amendment to or modification of this Agreement is effective unless it is in writing and signed by each Party. No waiver by any Party of any of the provisions hereof will be effective unless explicitly set forth in writing and signed by the Party so waiving. No failure to exercise, or delay in exercising, any rights, remedy, power, or privilege arising from this Agreement will be a waiver thereof. All waivers must be in writing. No single or partial exercise of any right, remedy, power, or privilege hereunder will preclude any other or further exercise thereof or the exercise of any other right, remedy, power, or privilege.
- e. <u>Severability</u>. If any provision of this Agreement is invalid, illegal, or unenforceable in any jurisdiction, such invalidity, illegality, or unenforceability will not affect any other term or provision of this Agreement or invalidate or render unenforceable such term or provision in any other jurisdiction.
- f. Governing Law. For Subscribers located in the United States, this Agreement is governed by and construed in accordance with the internal laws of the state in which the Subscriber is located, without giving effect to any choice or conflict of law provision or rule that would require or permit the

- application of the laws of any jurisdiction. If Subscriber is located outside the United States, then the laws of Ohio and the United States shall govern.
- g. <u>Assignment</u>. Subscriber may not assign any of its rights or delegate any of its obligations hereunder, whether voluntarily, involuntarily, by operation of law or otherwise, without the prior written consent of Creativebug. Any purported assignment or delegation in violation of this Section will be null and void. No assignment will relieve the assigning Party of any of its obligations hereunder. This Agreement is binding upon and inures to the benefit of the Parties and their respective permitted successors and assigns.
- h. Equitable Relief. Subscriber acknowledges and agrees that a breach or threatened breach by Subscriber of any obligation under Section 2(b), or if Creativebug identifies actions by Subscriber in Section 2(d)(1), then it would cause Creativebug irreparable harm for which monetary damages would not be an adequate remedy; therefore, Creativebug is entitled to equitable relief, including a restraining order, an injunction, specific performance and any other relief that may be available from any court, without any requirement to post a bond or other security, or to prove actual damages or that monetary damages are not an adequate remedy. Such remedies are not exclusive and are in addition to all other remedies that may be available at law, in equity or otherwise.
- i. <u>Counterparts</u>. This Agreement may be signed in counterparts, each of which is deemed an original, but all of which together are deemed to be one and the same agreement.

In Process

Creativebug's Website Privacy Policy - Enterprise Users

Creativebug, LLC Privacy Policy - Enterprise Users

Introduction

Welcome to the www.creativebug.com network of websites and applications. This Privacy Policy —Enterprise Users, is intended to inform you of our policies and practices regarding our use and disclosure of the information that you submit to us, and the information that we collect from you through our web site and our applications, including mobile applications.

This Privacy Policy –Enterprise Users, applies to members and patrons of any organization that has contracted with Creativebug to provide the services to its patrons and members at no cost to its patrons and members. If you are an individual subscriber to Creativebug who has paid for your own subscription, or if you are an individual who has received a gift subscription, then this policy does not apply to you. A separate privacy policy applies to individual subscribers.

Whenever we use the words "we" or "us" or "Creativebug," we are referring to Creativebug, LLC (doing business as CreativebugTM), and to our affiliates and parent companies, including Jo-Ann Stores, LLC. Whenever we use the words "our web site," we are referring to our applications and to http://www.creativebug.com.

This Privacy Policy is divided into the following sections:

- 1. Definitions
- 2. Consent
- 3. How We Collect Personal Information
- 4. How We Use Personal Information
- 5. Our Disclosure of Your Personal Information
- 6. Advertising
- 7. Social Network Widgets
- 8. Testimonials and Affiliate Program
- 9. How You Can Stop Receiving Communications
- 10. Information From Children Under 13
- 11. Links to Other Web Sites
- 12. Security
- 13. Your California Privacy Rights
- 14. Questions about this Privacy Policy
- 15. How to Access or Correct Personal Information or Opt Out of Marketing and Advertising
- 16. Revisions to the Privacy Policy

1. Definitions

"De-identified Information" means information that is no longer associated with you, or linked to your Personal Information (as defined below). De-identified Information does not reference the identities of individual persons.

"Cookies" are small pieces of information that a web site, including our web site, sends to your computer or to your mobile device while you are viewing a web site. Cookies are alphanumeric identifiers that are placed onto your computer's hard drive. Cookies identify your computer so that we can recognize you the next time you visit us. Cookies help us remember your preferences and collect technical information about your use of the Services. We use both session Cookies (which expire after you close your web browser) and persistent Cookies (which stay on your computer until you delete them) to provide you with a more personalized and interactive experience on our web site. Persistent Cookies can be removed by following your Internet browser help file directions. If you choose to disable Cookies, some areas of ourweb site may not work properly.

An "Internet protocol address" or "IP Address" is a number that is automatically assigned to your computer when you use the Internet. In some cases, your IP Address stays the same from browser session to browser session, but if you use a consumer internet service provider, your IP Address probably varies from session to session. We track IP Addresses in conjunction with session Cookies to analyze our web page traffic flow and also to identify the location of the computer.

"Personal Information" is information about you that is linked to you as an individual, such as your name, postal address, email address, phone number, credit card number and expiration date, account username and log-in password to our web site. Personal Information does not include technical information such as unique device identifiers, randomly assigned unique identifiers in cookies, mobile device name, or IP addresses.

"Services" means the various services available on our web site.

2. Consent

Our web site is maintained in the state of California in the United States, and by submitting your Personal Information to us, either through our web site, or by other means, you are agreeing to the collection and storage in the United States of your Personal Information.

When you submit Personal Information to us, it means that you have agreed to this Privacy Policy, and that you expressly consent to the use of your Personal Information according to this Privacy Policy.

Please note that your Personal Information may be used by Creativebug in the country where it was collected, as well as in the United States, where laws regarding the use of Personal Information may be less strict than the laws in your country.

3. How We Collect Personal Information

We (or our partners, on our behalf) collect and keep Personal Information that you submit to us voluntarily to our web site in the following ways:

- When you register and set up an account on our web site, we collect your name(or first initial and last initial), password, and email address.
- We maintain a record of the classes you have watched.
- If you voluntarily post materials on our web site with your Personal Information, we may post that Personal Information, and we may link your postings with other personal information (e.g., your account with us) for the purposes described in this Privacy Policy.
- When you contact us by email, we collect your name, email address, and any other information contained in the email that you send us.
- When you call, email or chat with our customer service, we may collect all or some of the following: name, email address, telephone number(s), and other information that you provide during the interaction.

On our web site, we (or our partners, on our behalf) also collect other information from you automatically, through the use of technology, without you taking steps to submit that information, in the following ways:

- As you navigate our web site, we collect information including your IP address, location of device, browser type, domain names, access times, operating system, other device identification information, and navigational and clickstream data that shows what pages are visited and how long various features are used.
- We also use Cookies (described in Section 1, "Definitions"), pixels, and navigational data like uniform resource locators (URL) to collect information regarding the date and time of your visit, the classes that you searched and viewed, and the other resources on our web site that you used or visited.
- When you access our web site from mobile devices (such as smart phones or tablets), we collect information including access times, the operating system, the classes for which you searched and viewed, and the other resources on our web site that you used or visited.

4. How We Use Personal Information

We may use the information described in this Privacy Policy for any or all of the following purposes:

- to establish user accounts;
- to administer and run our web site:
- to help identify you if you lose your password and to help you find information on our web site;
- to comply with legal requirements.

Personal Information that we collect from a particular browser or device, including a mobile device, may be used with another computer or device that we have linked to the original browser or device, including a mobile device, on which such Personal Information was collected.

We may use De-identified Information to analyze request patterns and usage patterns across our web site.

5. Our Disclosure of Your Personal Information

We share your usage history (on an aggregate, non-individual basis) with the enterprise (i.e., library system) under whose master account the Services were used.

Regardless of any choices you make regarding your Personal Information, we may disclose your Personal Information if we believe in good faith that disclosure is necessary to (a) comply with laws or to respond to subpoenas or other judicial orders served on us;(b) to protect and defend the rights or property of Creativebug, our affiliates or third parties;(c) to enforce the Terms and Conditions of Use of our web site and this Privacy Policy; (d) to prevent imminent harm; or(e) if we find that your actions on our web site violate any laws, or any of our usage guidelines.

We may disclose Personal Information to any company that buys our business or assets. The purchaser will assume the rights and obligations regarding your Personal Information as described in this Privacy Policy. We may transfer your Personal Information to a successor company in the case of a merger, acquisition, bankruptcy, or other sale of all or a portion of our assets or stock.

6. Advertising

If you receive advertisements, email, direct mail, or other promotional communications from us, you will have the opportunity to "opt-out"by following the "unsubscribe"instructions in the email you receive, or by contacting us directly. If you have submitted your email address to "unsubscribe," please note that you may continue to receive emails for a time while our system updates your request. You also may use the "Contact Us" page on our website.

7. Information from Children Under 13

We do not intentionally gather Personal Information about visitors to our web site who are under the age of 13. If you learn that your child under age 13 has provided our web site with his/her Personal Information, please contact us and we will attempt to disable that information.

8. Security

Our web site has implemented electronic means of protecting your Personal Information. Even though we have taken steps to ensure that your Personal Information is not accessed, used, or disclosed by unauthorized persons, you should know that we cannot fully eliminate all security risks.

You are responsible for maintaining the confidentiality of your password. Do not share it with others. Creativebug will not ask you for your password. If you need a new user name or password, we may require you to follow certain security procedures (such as providing us with certain Personal Information or correctly answering security questions). If satisfied with your answers, we will generate a new user name and password

and send it to your email. You may never use another person's account without permission. When creating your account, you must provide accurate and complete information. You are solely responsible for the activity that occurs on your account. You agree to notify Creativebug immediately of any suspected or known unauthorized use of your account. Creativebug will not be liable for losses caused by any unauthorized use of your account.

9. Your California Privacy Rights

Under Section 1798.83 of the California Civil Code, residents of California have the right to request from a business, with whom the California resident has an established business relationship, certain information with respect to the types of personal information the business shares with third parties for those third parties' direct marketing purposes, and the identities of the third parties with whom the business has shared such information during the immediately preceding calendar year. To exercise your rights, you may make one request each year by emailing us at legal@joann.com with "Request for California Privacy Information" on the subject line and in the body of your message. Be sure to provide in the request sufficient information to properly identify yourself.

10. Questions About this Privacy Policy

If you have questions regarding this Privacy Policy, please contact us at:

Creativebug, LLC c/o Jo-Ann Stores, LLC Attn: Senior Legal Counsel 5555 Darrow Road Hudson, OH 44236

Email to: legal@joann.com

11. How to Access or Correct Personal Information

If you would like to modify your personal information, please log onto your account by clicking the "Login"link on the website. Registered users may modify their privacy settings, and may correct, modify and update their personal information at any time by logging into their account and making their desired changes. Registered users may also "un-register" or ask that your information be deleted, in which case we will remove you from our list of registered users, but we reserve the right to retain Personal Information until we determine there is no potential need for it. We may also retain Personal Information to resolve disputes, troubleshoot problems and enforce our Terms and Conditions of Use. In addition, it may not be technologically possible or feasible to remove each record of the information you have provided to us. A copy of your Personal Information may exist in a non-erasable format that will be difficult or impossible for us to locate. Information may also persist in backup copies.

Except in limited circumstances governed by law, you may obtain access to and have your Personal Information in our records corrected. In addition, upon request, you may have your Personal Information opted-out of future marketing and advertising efforts by us. A request for access, correction or opt-out must be made in writing to the address provided in Section 10.

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12. Privacy Policy Updates

This Privacy Policy is subject to revision and changes at any time in our sole discretion. If you object to any changes, you must stop visiting our web site. Your continued use of our web site, will indicate your acknowledgment of the changes and agreement to be bound by the provisions of this Privacy Policy, as revised.

This Privacy Policy - Enterprise Users, was issued in October 2019.

In Process





Agenda Item 7.c.ii.

April 4, 2022

Prepared by Shellie McGill

Library

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

City Council consideration and approval of a contract between Link Media Outdoor and the Bartlesville Public Library/City of Bartlesville for billboards for the 2022 Summer Reading Program.

Attachment: Link Media Contract for Outdoor Advertising

II. STAFF COMMENTS AND ANALYSIS

Each year the Library purchases billboards to advertise the annual Summer Reading Program. As in the past, we plan to purchase four billboards for May 2022. The total cost of billboards and artwork this year is \$2,130.00. This programming expense was included in this year's fiscal budget.

III. RECOMMENDED ACTION

Staff recommends the approval of the Link Media Contract for Outdoor Advertising and the Bartlesville Public Library/City of Bartlesville.





CONTRACT FOR OUTDOOR ADVERTISING

2022-03-28 13:01:43 43830-0

CONTRACTED BY:		ON BEHALF OF ADVERTISER:		
CUSTOMER#	37330	CUSTOMER#		
NAME	Bartlesville Public Library	NAME		
ADDRESS	600 S. Johnstone	ADDRESS		
CITY/STATE/ZIP	Bartlesville, OK 74003	CITY/STATE/ZIP		
CONTACT	Denise Goff	CONTACT		
EMAIL ADDRESS	dcgoff@cityofbartlesville.org	EMAIL ADDRESS		
PHONE #		PHONE #		
P.O.#				
ADVERTISER	Bartlesville Public Library			

Qty	Product Description	Illum	Size	Term in Months	Service Dates	Production Rate	Rate Per Period
1_	OK.KE004E.B.LR.STA, Oklahoma, Hensley Blvd, 80 ft W/O S Cherokee Ave S/S, E/F, Regular	Yes	12'0 x 24'0	1	05/01/2022 - 05/31/2022	100.00	300.00
1	OK.KE039W.LR.STA, Oklahoma, Frank Phillips Blvd, 250 ft E/O Silver Lake Rd N/S, W/F, Regular	Yes	12'0 x 24'0	1	05/01/2022 - 05/31/2022	100.00	460.00
1	OK.KE052E.RR.STA, Oklahoma, USH 60, .27 mi W/O Silver Lake Rd N/S, E/F, Regular	Yes	12'0 x 24'0	1	05/01/2022 - 05/31/2022	100.00	510.00
1	OK.KE058W.LR.STA, Oklahoma, USH 60, .08 mi W/O Madison Blvd N/S, W/F, Regular	Yes	12'0 x 24'0	1	05/01/2022 - 05/31/2022	100.00	460.00
		Amou	nt Per Period	(Net)			\$1,730.00
		Tax to	ated Product be Added Up nal Productio	on Invoicir		\$400.00	
		Grand	Total (Net)				\$2,130.00

Agency/Advertiser hereby contracts for the outdoor advertising services described in this contract ("Contract"), which consists of the terms set forth above and the "Standard Terms" below. Contracts transmitted, approved and otherwise verified via electronic methods are to be treated as original contracts and are subject to the terms and conditions this document. This Contract must be signed by Agency or Advertiser and Link Media Outdoor or its subsidiary to be considered binding and effective.

Advertiser:		Agency:	
Signature:		Signature:	
Printed Name:	Date:	Printed Name:	Date:
Link Media Outdoor			
Signature:	Name:	Date:	

FOR INTERNAL USE: (T)



Sales Person
Andy Manning
523 South Virginia Ave.
Bartlesville, OK 74003
Ph#: 918-333-8855

Office Address

Link Media Outdoor
523 South Virginia Ave.
Bartlesville, OK 74003
Ph#: 844-404-Link (5465) Fax#: 866-464-6691

STANDARD CONTRACT TERMS AND CONDITIONS FOR LINK MEDIA OUTDOOR AND ITS SUBSIDIARIES

- 1. Advertising Services. By signing this contract, Advertiser and/or Agency, (hereinafter referred to as Advertiser) and Link Media Outdoor (hereinafter referred to as Link) agree that Link shall provide the advertising services specified on Page 1 of the contact in return for payments specified upon the terms and conditions set forth. This is a non-cancellable agreement. Advertiser may not cancel or modify this contract for any reason without the written approval from Link.
- 2. Advertising Agency. If this contract is signed by an Advertising Agency or if Advertiser subsequently appoints an agency to represent Advertiser, the term 'Advertiser' shall include both Advertiser and Agency with all Advertiser obligations being joint and several between Advertiser and Agency.
- 3. Payments/In Service Dates. New advertisers shall pay in advance for the first month of the contract plus payment in full for the production and installation of any ads, upon execution of the contract. Thereafter, Advertiser agrees to pay Link promptly, in advance, at the beginning of each billing period. A billing period is defined as a calendar month or 4-week/28 day period, All charges are net to Link.
- 4. Commencement Date. The Advertiser accepts that the billing begins on the Commencement Date, The actual posting may occur five business days either side of the Commencement Date, to adjust for any weather, shipping or operational delays. Advertiser will furnish approved artwork (scaled, high resolution images, fonts and colors) or materials to prepare final artwork or printed material to Link 2 weeks prior to the Commencement Date.
- 5. Credit_If Link has extended credit to Advertiser as a convenience to Advertiser, Link will send an invoice at regular intervals. Advertiser's obligation will not be dependent upon the receipt of said invoice. Payment for services rendered is Net 10. Past due accounts shall be charged interest from the invoice date at a per annum rate of 12%, or the highest rate allowed by applicable law, whichever is less. If Advertiser disputes any charges on an invoice, Advertiser will contact Link via email to accounting@linkmediaoutdoor.com within 10 days after the invoice date ("10-day window"), stating the alleged error and providing evidence detailing the dispute. All charges will be considered accurate and agreed upon if Advertiser fails to notify Link within the 10-day window.
- 6. Invoices, Invoices will be sent to the accounts payable email address as designated on page 1 of this contract. Advertiser is responsible to update all address information promptly by notifying accounting@linkmediaoutdoor.com. Payments under this contract are due according to the agreed upon billing schedule, whether or not invoices have been received.
- 7. Credit Card Authorization. Advertiser may from time to time authorize Link to charge a credit card for all amounts due hereunder and/or under all advertising contracts between the parties. In such event, Advertiser acknowledges and agrees that Link is authorized to charge the credit card upon each invoice date under this contract for the full amount owed for that billing period, including one-time and recurring charges, specified in this contract. Advertiser agrees that such authorization shall extend to any modifications to such amounts agreed to in writing by both parties. Advertiser may revoke such authorization by written notice received by Link at least 3 days prior to the effective date of revocation. If the authorization revocation is affected without a substitute credit card authorization or a substitute payment plan being mutually agreed upon by the parties in writing with 10 days thereafter, Link may at its option consider the revocation a material breach of this contract and the provisions of Section 8 shall be applicable.
- 8. Breach. Advertiser agrees that failure to make payment of any invoice according to the terms and conditions of this contract shall constitute a material breach of this contract. Upon a material breach of this contract by Advertiser, Link shall have the option to exercise one or more of the following remedies: (i) receipt of immediate payment of all amounts owed plus the remaining contract balance up to a maximum of 3 period's charges, (ii) termination of this contract, and/or (iii) removal of all advertising and resale of that space. No delay by Link to act upon such a breach shall be considered as a waiver of such rights by Link. Advertiser agrees to pay all reasonable collection expenses, attorney fees and court costs incurred by Link in the enforcement of this contract, including without limitation, for the collection of any amounts due and payable to Link.
- 9. Copy Approval. Link, at its sole discretion, may reject or remove any advertising copy submitted by Advertiser for any reason at any time during the term of the contract. Advertiser represents and warrants that it is the rightful owner or licensee of the advertising copy, including images, and that said content and images do not infringe, violate or misappropriate any intellectual property, trademark, patent or copyright of any third party. Advertiser represents and warrants that the advertising content contains no libelous content and includes all disclaimers and other notices that may be required by statues, laws, rules and regulations. Advertiser assumes all liability for all advertising content and responsibility for all claims arising therefrom. Advertiser shall indemnify and hold Link harmless against all costs, expenses, losses and liabilities (including, without limitation, reasonable attorneys' fees and expenses) arising in any way from any political or otherwise controversial content in any advertising copy.
- 10. Ownership. Advertiser acknowledges that all advertising copy, physical ads, concepts and designs developed by Link are the exclusive property of Link for all purposes (excluding, for the avoidance of doubt, any trademarks and other intellectual property elements provided by Advertiser) and are subject to copyright ownership by Link. Such Link property may not be copied, reproduced or released to other parties or otherwise used by Advertiser or other parties without prior written approval by Link.
- 11. Out of Service. Acceptance of this contract by Link will be subject to the availability of any specified displays. In the event any display covered by this contract becomes unavailable, Advertiser agrees to accept, as compensation for the loss of advertising space, at Link's discretion, a move to a location of equal advertising value or an extension of the contract term beyond the termination date for a period sufficient to equal the period of advertising service lost and/or a service credit. In the event a Tri-vison or LED panel is not placed back into service within 5 working days, a credit will be issued to Advertiser for the lost service dates, as per the terms of the contract. Illumination of non-digital advertising faces will be from dusk to midnight, unless specified, with a fee, under Extended Illumination, in the contract. In the event a lamp is out on a contracted face, Advertiser must email a notification to Link. If Link is unable to illuminate the faulty lamp within 5 days of the notice, Advertiser is entitled to 25% credit against charges for the period from the notice to the corrected date, as to the contract terms.
- 12. Assignment. If Advertiser's business is sold or transferred during the term of this contract, Advertiser shall continue to be directly liable to Link. This contract, however, may be assigned to a successor, actual advertiser or agency only with 90 days prior written notice and the written consent of Link. This contract may be assignable by Link at any time without Advertiser's consent.
- 13. Technology Change. Link reserves the right at any time during the term of this contract to convert the advertising display from its present to any other outdoor advertising technology and to terminate this contract upon 30 days advance written notice to Advertiser. In such event, Advertiser will be given a first right of refusal to enter into a new advertising contract at this location at the new technology market rate.
- 14. Non-Liability of Link. Link shall not be liable for any failure or delay in the performance of its undertakings when due to fire, crimes committed against Link's property, acts of God, government restrictions, court orders, labor disputes, landowner lease restrictions or any actions or conditions beyond Link's control.
- 15. Acceptance of Contract. This contract by Advertiser shall be complete only at such time as Advertiser completes required paperwork, makes required payments and is signed by Link. Advertiser agrees that Link may contact a credit agency regarding the financial status and credit worthiness of the Advertiser. Following acceptance, this contract shall be binding upon all parties and their respective heirs, successors, administrators and permitted assigns.
- 16. Entire Contract. The failure of Link or Advertiser to enforce any of the provisions of this contract shall not be construed as a general relinquishment or waiver of that or any other provision. It is understood that neither party shall be bound by any contract or representation, expressed or implied, not specifically contained in the writing in this contract. This contract is the final and complete contract between the parties and may not be modified, supplemented, explained or waived by parole evidence, nor by the course of dealing, nor in any other way except by modification or change reduced to writing and signed by authorized representatives of Advertiser and Link. The person signing this contract, on behalf of the respective party represents and warrants that he/she has full authority to do so.

Advertiser's Initials



Agenda Item 7.c.iii.
Agenda Item April 4, 2022
Date
Prepared by Shellie McGill
Library

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Discuss and approve a contract between the City of Bartlesville/Bartlesville Public Library and ProQuest for an annual subscription for the database, Newspaper.com – World Collection.

Attachments:

Contract from ProQuest between the City of Bartlesville/Bartlesville Public Library and ProQuest

II. STAFF COMMENTS AND ANALYSIS

For the last three years, we used WorldArchives as our database for historical newspapers. This year we compared WorldArchives and ProQuest Newspaper.com – World Collection. The renewal cost of WorldArchives is \$3,835. The cost for ProQuest Newspaper.com – World Collection is \$3,875.02. We feel it is worth paying \$40 more to switch to ProQuest Newspaper.com for these reasons:

- 1. ProQuest provides a number of local newspapers where WorldArchives does not provide any.
- 2. ProQuest provides a much larger number of newspapers compared to WorldArchives, especially for other Oklahoma cities and towns.
- 3. ProQuest Newspapers.com ties in with our Ancestry database. Ancestry, our second most popular database, has links to Newspaper.com so patrons can go directly to the newspaper article that Ancestry is referencing.

III. RECOMMENDED ACTION

Staff recommends City Council approval of the ProQuest Newspaper.com World Collection contract for our historical newspaper online database.

License Agreement consists of:

ProQuest Customer Order Form Terms and Conditions 07/17/2017 Addenda (if applicable)



By signing this License Agreement ("Agreement") with your signature below, you agree to license the Service under these terms and conditions below and you certify that you are authorized to enter into this Agreement on behalf of the Customer.

Customer:	Bartlesville Public Library			
Authorization by C	customer:	Autho	rization by ProQue	est LLC:
Signature:		Signature:		
	Duly Authorized Signature	_		
Name:		Name:		
Title:		Title:		
Date Signed:		Date Signed:		
				Q-00545168
	Bundle	Genealogy Pkg		
Product Name	CU NEW HOLD BURNING	Code	Start Date	End Date
Newspapers.com -	World Collection			
Newspapers.com -	World Collection	NEWSCOMWC	4/1/2022	3/31/2023
10 4 5 10 10 10 10 10 10	Alle Astrollor (1966) entre la 1983 (n. 1966) en	Pict Bills 18 5 5 mg	Bundle Prid	ce: \$3,875.02 USD
Product Notes:	THE RESERVE THE PARTY OF THE PA			
	THE RESIDENCE OF THE PROPERTY			

Additional Information:

Discount is contingent upon maintaining renewals for Ancestry Library Edition, Heritage Quest Online AND Fold3 Library Edition. If any of the above are not renewed, all remaining items go to the current list price. Discount for Newspapers.com World Collection expires 5/31/2022 Pricing for Newspapers.com is IN Addition to existing renewals.

Billing Information: Please review your billing address to ensure its accuracy.	Shipping Information: Please confirm the shipping address is accurate.
Bartlesville Public Library 600 S Johnstone Ave Bartlesville OK United States 74003-4646	Bartlesville Public Library 600 S Johnstone Ave Bartlesville OK United States 74003-4646
Electronic Invoice Recipient(s): Elsie Green elgreen@cityofbartlesville.org	Electronic Renewal Recipient(s): Elsie Green elgreen@cityofbartlesville.org
If your subscribing institution requires the use of Purchase Orders, please indicate below. Purchase Order #	Tax Registration Number # If tax exempt, please include copy of supporting documentation with signed agreement or email a copy to taxinformation@proquest.com

Invoices will be emailed to the bill-to-	To sign up for our auto-renewal program as part of our 'go green' initiative, please
contact and renewals will be emailed to	check this box: □
the ship-to-contact. If your institution is unable to accept electronic invoices, please check this box:	Your subscription to the service will automatically renew for successive 12 month periods at the rate set forth in the renewal invoice sent to the Customer, unless Customer sends written cancellation notice to ProQuest within 30-days of the Customer's receipt of the renewal invoice, with such cancellation to be effective as of the end of the current subscription period.
	of the end of the current subscription period.

Technical Contact:	Phone:	Email:

IP Authentication:	Barcode Scheme:	Alternative Authentication:	LIBCODE
	Length: Prefix:		
Authentication Instructions			

Additional Sites:	a Big all in the Extension

Account Manager Information:

Dawn Ledwidge | dawn.ledwidge@proquest.com

Terms and Conditions

- 1. <u>License Grant.</u> Subject to the terms of this Agreement, ProQuest LLC and its affiliates ("ProQuest") hereby grant to Customer a non-exclusive, non-transferable license (the "License") for Customer and its Authorized Users to access and use the products and services listed on Customer's approved Order Form (the "Service") solely at Customer's principal location and those locations identified on the Order Form or a separate schedule ("Additional Sites"). Additional locations may be added as Additional Sites upon written notice to ProQuest and payment of additional fees, if applicable. Access and use of the Service is only for the internal, research purposes of Customer and/or its Authorized Users as further described in Exhibit A (Permitted Uses). Customer does not acquire any intellectual property ownership in the Service or any associated software, systems, documentation, content, other materials and/or improvements made thereto, including improvements based upon customer feedback. All such rights and interests remain in ProQuest and its licensors.
- 2. <u>Authorized Users.</u> Unless otherwise detailed on the Order Form, "Authorized User" means only: (a) For public libraries: library staff, individual residents of Customer's reasonably defined geographic area served, and walk-in patrons while they are on-site; (b) For schools and other academic institutions: currently enrolled students, faculty, staff, and visiting scholars, as well as walk-in patrons while they are on-site; and (c) For other types of organizations: employees and independent contractors, while performing their work. Authorized Users excludes Customer's corporate affiliates, academic bookstores, and alumni unless those users are expressly included and reflected on the Order Form or Additional Sites Schedule.
- Secure/Remote Access. All access and use of the Service must be made via a secure network
 and secure authentication methods. Use of the Service by remote access is allowed unless
 otherwise stated on the Order Form. Customer will strictly limit any remote access to its

- Authorized Users through the use of secure methods of user verification. Customer will promptly notify ProQuest if Customer believes security has been compromised. Posting or sharing of passwords, or otherwise enabling access for the benefit of non-subscribing institutions or users, is strictly prohibited.
- 4. <u>Updates to the Service.</u> ProQuest will provide reasonable notice of any substantial modifications of information, databases, materials, capabilities, or services within the Service by email to Customer's representatives who sign up to receive updates. These changes shall be subject to the terms and conditions of this Agreement, and shall not materially alter use of the Service in an adverse manner.
- 5. <u>Supplemental Terms.</u> Some content included in the Service has terms of use applicable solely to such content. Content-specific terms are clearly displayed with the associated content or embedded in the systems and technologies incorporated into the Service. Where third-party databases or content are subject to supplemental terms, such terms shall be clearly referenced on the Order Form. Such supplemental terms shall not materially alter use of the Service.
- 6. Variations in Content. The content provided as part of the Service is primarily owned and supplied to ProQuest under agreement with third party licensors, and is subject to the continuation and extent of the license granted under such agreements. ProQuest shall have the right, in its reasonable and good faith discretion, to remove or modify materials in the Service because (a) ProQuest's right to distribute such materials lapses, (b) such materials contain errors or could be subject to an infringement or other adverse claim by a third party, or (c) particular content collections have changed due to editorial selection, coordination, or arrangement of materials.
- 7. Fees and Payments. Customer agrees to pay the fees for the Service shown on the Order Form within 30 days of receipt of ProQuest's invoice unless otherwise specified on the Order Form. Fees are based in part on Customer's population served, Authorized Users and Additional Sites at the time of the order or such other license parameters as may be listed on the Order Form. If any one or a combination of these elements materially increases (e.g., if the Customer acquires a new affiliate), a fee increase commensurate with such change may be required before access and use of the Service is provided to or for the benefit of the additional user population and/or Additional Sites. Firm U.S. Government orders require a valid purchase order and advance payment or payment in accordance with FAR 52.213.2.
- 8. <u>U.S. Government Restricted Rights.</u> Services include materials that are commercial technical data and/or computer databases and/or commercial computer software, as applicable, which were developed exclusively at private expense by ProQuest LLC, 789 E. Eisenhower Parkway, Ann Arbor, MI 48108. U.S. Government rights to use, modify, reproduce, release, perform, display, or disclose these technical data and/or computer databases and/or computer software are subject to the limited rights restrictions of DFARS SUBPART 252.227-7202-3 (December 2011) Rights in Computer Software and Computer Software Documentation and/or subject to the restrictions of DFARS 252.227-7019 (Sep 2011) Validation of Asserted Restrictions Computer Software, as applicable for U.S. Department of Defense procurements and the limited rights restrictions of FAR 52.227-14 (December 2007) Rights in Data-General, FAR 52-227-20(c)(2-3) (December 2007) Rights in Data-SBIR Program and/or subject to the restricted rights provisions of FAR 52.227-15 (December 2007) Representation of Limited Rights Data and Restricted Computer Software and FAR 52.227-19 (Dec 2007) Commercial Computer Software-Restricted Rights, as applicable, and any applicable agency FAR Supplements, for non-Department of Defense Federal procurement.

US2017 (rev. 7/17/2017)

- Term. Customer's access to a particular Service shall continue for the period on the Order Form, plus any agreed renewal period(s). This Agreement shall continue in force for so long as Customer subscribes to at least one Service. Thereafter, the following survive: Sections 9–11 and 13-16, and any perpetual archive licenses ("PAL") (subject to all relevant use restrictions and security requirements).
- 10. <u>Termination for Breach.</u> If a party breaches a material term of this Agreement and does not cure within 30 days from written notice, the other party may immediately terminate this Agreement in whole or as to the affected Service. If this Agreement is terminated in whole or in part for Customer's breach, (a) ProQuest shall disable access to any terminated Service, (b) Customer shall destroy any files, information, data or software derived from any terminated Service in its possession or control, and certify destruction upon request, and (c) ProQuest reserves the right to pursue all available legal remedies.
- 11. <u>Remedial Action.</u> Without limiting the above, ProQuest may suspend delivery of the Service if it reasonably determines that Customer's or an Authorized User's failure to comply with this Agreement may cause irreparable harm to it or its licensors. If delivery is suspended, ProQuest will work in good faith to restore Customer's access as soon as possible after the failure to comply has been remedied in full.
- 12. <u>Service Level.</u> If the Service or content are hosted by ProQuest, ProQuest will use commercially reasonable efforts to provide access to the Service on a continuous 24/7 basis (except for regularly scheduled maintenance) and free from viruses or other harmful software. ProQuest shall not be liable for any failure or delay or interruption in the Service or failure of any equipment or telecommunications resulting from any cause beyond ProQuest's reasonable control. Customer is responsible for providing all required information for account set up and activation, and for its own telecommunications connections and related third-party charges.
- 13. Limited Warranty and Disclaimer of Warranty. ProQuest warrants that the Service will perform substantially as documented on ProQuest's public websites (the "ProQuest Websites"). EXCEPT AS EXPRESSLY WARRANTED HEREIN, THE SERVICE IS PROVIDED "AS IS" AND "AS AVAILABLE." PROQUEST AND ITS LICENSORS DISCLAIM ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, THOSE PERTAINING TO: MERCHANTABILITY, NON-INFRINGEMENT, FITNESS FOR A PARTICULAR PURPOSE, AVAILABILITY, ACCURACY, TIMELINESS, CORRECTNESS, RELIABILITY, CURRENCY, OR COMPLETENESS OF THE SERVICE OR ANY INFORMATION OR RESULTS OBTAINED THROUGH THE SERVICE, EVEN IF ASSISTED BY PROQUEST. PROQUEST SPECIFICALLY DISCLAIMS ANY RESPONSIBILITY FOR DETERMINING THE COMPATIBILITY OF ANY HARDWARE OR SOFTWARE NOT SUPPLIED BY PROQUEST WITH THE SERVICE AND PROVIDES NO WARRANTY WITH RESPECT TO THE OPERATION OF SUCH HARDWARE OR SOFTWARE WITH THE SERVICE.
- 14. <u>Limitation of Liability.</u> THE MAXIMUM AGGREGATE LIABILITY OF PROQUEST AND ITS LICENSORS ARISING OUT OF OR RELATED TO THE SERVICE OR THIS AGREEMENT SHALL BE LIMITED TO THE TOTAL AMOUNT OF FEES RECEIVED BY PROQUEST FROM CUSTOMER FOR THE RELEVANT SERVICE IN THE 12 MONTHS IMMEDIATELY PRECEDING THE EVENTS GIVING RISE TO THE CLAIMS. IN NO EVENT SHALL PROQUEST OR ITS LICENSORS BE LIABLE TO CUSTOMER OR ITS AUTHORIZED USERS FOR (a) ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR SPECIAL DAMAGES; OR (b) ANY CLAIM RELATED TO CUSTOMER'S OR ITS AUTHORIZED USERS'

- USE OF COVER IMAGES OR USER-GENERATED CONTENT PROVIDED AS PART OF THE SERVICE; OR (c) UNAUTHORIZED USE OF THE SERVICE.
- 15. <u>Place.</u> ProQuest's principal place of business, where this contract is formed and all services will be deemed performed, is 789 E. Eisenhower Pkwy, Ann Arbor, MI 48108.
- 16. Entire Agreement. This Agreement consists of these Terms and Conditions, any applicable Order Form referencing these Terms and Conditions, and any Exhibits or Addenda attached hereto or referencing this Agreement (including the Exhibit A (Permitted Uses), and constitutes the entire agreement between the parties hereto with respect to its subject matter and supersedes all previous and contemporaneous agreements between the parties with respect to the same subject matter and may not be amended, except in a writing signed by the parties. The terms of Customer's purchase orders, if any, are for Customer's convenience and do not supersede or supplement any term or condition of this Agreement.

Exhibit A: Permitted Uses

- 1. Online Research Services. Services designed to facilitate online research may be used for Customer's internal research or educational purposes as outlined below provided that doing so does not violate an express provision of this Agreement:
 - a) Research and Analysis. Customer and its Authorized Users are permitted to display and use reasonable portions of information contained in the Service for educational or research purposes, including illustration, explanation, example, comment, criticism, teaching, or analysis.
 - b) <u>Digital and Print Copies.</u> Customer and its Authorized Users may download or create printouts of a reasonable portion of articles or other works represented in the Service (i) for its own internal or personal use as allowed under the doctrines of "fair use" and "fair dealing"; (ii) when required by law for use in legal proceedings or (iii) to furnish such information to a third party for the purpose of, or in anticipation of, regulatory approval or purpose provided that the recipient is advised that the copies are not for redistribution. All downloading, printing and/or electronic storage of materials retrieved through the Service must be retrieved directly from the on-line system for each and every print or digital copy.
 - c) <u>Electronic Reserves, Coursepacks, and Intranet Use.</u> Provided that Customer does not circumvent any features or functionality of the Service, Customer may include durable links to articles or other works (or portions thereof) contained in the Service in electronic reserves systems, online course packs and/or intranet sites so long as access to such materials are limited to Authorized Users.
 - d) <u>Fair Use/Fair Dealing.</u> Customer and its Authorized Users may use the materials contained within the Service consistent with the doctrines of "fair use" or "fair dealing" as defined under the laws of the United States or England, respectively.
 - e) <u>Academic Institutions, Schools, and Public Libraries.</u> If Customer is an academic institution, school, or public library:
 - i. <u>Interlibrary Loan (ILL)</u>. Library Customer may loan digital or print copies of materials retrieved from the Service to other libraries, provided that (i) loans are not done in a manner or magnitude that would replace the receiving library's own subscription to the Service or purchase of the underlying work (e.g., newspaper, magazine, book), (ii) Customer complies with any special terms governing specific content or licensors as described in this Agreement, (iii) with respect to ebooks, copying is limited to small portions of a book, and (iv) Customer complies with all laws and regulations regarding ILL.
 - ii. <u>Scholarly Sharing.</u> Customer and its Authorized Users may provide to a third party colleague minimal, insubstantial amounts of materials retrieved from the Service for personal use or scholarly, educational research use in hard copy or electronically, provided that in no case is any such sharing done in a manner or magnitude as to act as a replacement for the recipient's or recipient educational institution's own subscription to either the Service or the purchase of the underlying work.
- 2. All Streaming Video and Audio Products. Audio and Video files are delivered to Customer and its Authorized Users via streaming service over the Internet. Customer and its Authorized Users shall not download or otherwise copy the streaming videos or audio contained in the Service. In the case of content that can potentially be publicly performed, Customer must secure permission from ProQuest's Licensor and/or the copyright holder for any public performance other than reasonable classroom and educational uses.

- 3. MARC Records. MARC records may be placed in Customer's online public access catalog (OPAC) or shared online catalog (e.g., WorldCat) unless otherwise specified on the Order Form with respect to a particular Service.
- 4. <u>Scholar/Researcher Profiles.</u> The data contained within scholar profiles are for use in facilitating research and collaboration amongst colleagues. Neither Customer nor its Authorized Users may export or otherwise exploit the scholar profiles for mass mailings or similar marketing purposes.
- 5. <u>Electronic Resource Discovery, Access, and Management.</u> For electronic resource discovery (e.g., Summon, 360 Link), access and/or management services, the Customer reserves all right, title and interest in all Customer specific data it contributes to the Service (which may include but is not limited to Customer created metadata, bibliographic information, holdings and circulation data) and grants ProQuest permission to use such data in raw form for the limited purpose of operating and improving the Service and such information may only be provided to third parties in aggregate form. Raw usage data containing information relating to the identity of specific users shall not be provided to any third party without Customer's permission. Provided that such access, use, and/or sharing does not violate an express provision of this Agreement, Customer and its Authorized Users are permitted to: (a) access the Service and information derived from the Service in order to discover, manage and provide access to library resources owned or licensed by Customer, (b) create, store and retain any reports and lists delivered by the Service, (c) share data about Customer's own library holdings that is retrieved from such Service with third party applications, so long as prior written notice is provided to ProQuest and all pricing information is kept confidential to the fullest extent permitted by applicable law; and (d) display metadata, bibliographic and holdings information in the library catalog available on Customer's library website.
- 6. <u>Library Catalog Enrichment Service.</u> For library catalog enrichment Services (*e.g.*, Syndetics), Customer may use the enrichment elements for the sole purpose of augmenting Customer's own library OPAC or website. Customer may not convert Service metadata records into MARC format, nor distribute or display the enrichment elements in any third party applications, catalogs or websites.
- 7. Purchased Content. For perpetual archive licenses ("PAL") (as specified on the ProQuest Websites or Order Form), Customer pays a one-time fee for a perpetual license to the designated materials (the "Purchased Content"), and an annual "Continuing Service Fee."
 - Perpetual License. The License to Purchased Content and any updates Customer receives is perpetual, and may only be revoked if Customer materially breaches this Agreement, or if the licensed materials contain errors or could be subject to an infringement or other adverse claim by a third party.
 - b) <u>Continuing Services.</u> In consideration of the Continuing Service Fee, ProQuest will provide Customer and its Authorized Users with online access to the Purchased Content, plus any included updates, on a proprietary platform designed to enhance the research experience (a "ProQuest Platform"). ProQuest will maintain systems and technology that help Customer comply with use restrictions and security standards required by ProQuest's licensors.
 - c) <u>File Delivery.</u> If Customer loses the ability to access its Purchased Content online through ProQuest (e.g., if ProQuest discontinues online access services), or if the Purchased Content is otherwise eligible for local loading, Customer may obtain digital copies upon certifying that it will secure and restrict use of the Purchased Content as contemplated under this Agreement, using systems and technology at least as protective as ProQuest's. In the case of Audio, any local access must be restricted by DRM and be limited to one (1) simultaneous user (unless the Customer tracks the

- necessary playbacks and makes all royalty payments to copyright holders for mechanical and performance rights). All use of the materials delivered continue to be subject to this Agreement. File transfer costs, if any, are Customer's responsibility.
- d) <u>Locally Loaded Purchased Content Data Mining.</u> Subject to any content-specific restrictions, Customer and its Authorized Users may extract and compile data from locally-loaded copies of the Purchased Content solely for Customer's teaching, learning, and research purposes.
- 8. Acquisition Models. For certain Services, Customer may elect to have user activity trigger the purchase of content. Purchase preferences and Service eligibility for these models are described on the ProQuest Websites. Examples of these types of purchase models include Patron Driven Acquisition (PDA), Demand Driven Acquisition (DDA), Evidenced Based Acquisition, Access-To-Own (ATO), and Build By Choice.
- 9. <u>Analytics.</u> Some Services contain library collection analysis capabilities related to library holdings, or functionality that allows Authorized Users to create reports, lists, or alerts. Customer and Authorized Users may create, download, store and retain any such analytics or lists delivered by the Service. ProQuest may use library holdings and other information in the Service for comparison and metrics purposes and in order to better understand the customers' needs.
- 10. Restrictions. Except as expressly permitted above, Customer and its Authorized Users shall not:
 - a) Translate, reverse engineer, disassemble, decompile, discover, or modify ProQuest's software;
 - b) Remove any copyright and other proprietary notices placed upon the Service or any materials retrieved from the Service by ProQuest or its licensors;
 - c) Circumvent any use limitation or protection device contained in or placed upon the Service or any materials retrieved from the Service;
 - d) Perform penetration tests or use the Service to execute denial of service attacks:
 - e) Perform automated searches against ProQuest's systems (except for non-burdensome federated search services), including automated "bots," link checkers or other scripts;
 - f) Provide access to or use of the Services by or for the benefit of any unauthorized school, library, organization, or user;
 - g) Publish, broadcast, sell, use or provide access to the Service or any materials retrieved from the Service in any manner that will infringe the copyright or other proprietary rights of ProQuest or its licensors:
 - h) Use the Service to create products or perform services which compete or interfere with those of ProQuest or its licensors:
 - i) Text mine, data mine or harvest metadata from the Service:
 - j) Communicate or redistribute materials retrieved from the Service; or
 - k) Download all or parts of the Service in a systematic or regular manner or so as to create a collection of materials comprising all or a material subset of the Service, in any form.
 - Store any information on the Service that violates applicable law or the rights of any third party.



Agenda Item 7.c.iv. April 4, 2022 Prepared by Shellie McGill Library

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

City Council consideration and approval of an amendment to the current agreement between the Bartlesville Public Library/City of Bartlesville and Innovative Interfaces for The Carousel Toolkit license.

Attachment: Amendment to Innovative Interfaces Agreement

Statement of Work

II. STAFF COMMENTS AND ANALYSIS

The software that the Library uses to manage our collection is purchased from Innovative Interfaces Incorporated. The Carousel Toolkit is a separate subscription license we need to purchase to be able to display carousels of books on the main page of the website we are developing. Once the website is launched, patrons will be able to see "Current Bestsellers" or "Titles on Order" in a tasteful and interesting manner.

The cost of *The Carousel Toolkit* software is \$375.00.

RECOMMENDED ACTION III.

Staff recommends the approval of the Amendment to Innovative Interfaces Agreement.

AMENDMENT TO AGREEMENT

This **AMENDMENT** is made and entered into as of the date of the last signature of the parties hereto (the "Effective Date"), by and between **INNOVATIVE INTERFACES INCORPORATED**, a California corporation ("Innovative"), and the **BARTLESVILLE PUBLIC LIBRARY** (the "Client"). Capitalized terms not otherwise defined in this Amendment will have the meanings set forth in the Agreement (as defined below).

WHEREAS, the Client and Innovative Interfaces Incorporated are parties to the Subscription License Agreement made effective as of April 1, 2020 (as amended from time to time, the "Agreement"); and

WHEREAS, the Client desires to purchase from Innovative certain upgrades to the Software and, in connection with such purchase, the parties desire to amend the Agreement as set forth in this Amendment; and

Now, Therefore, for good and valuable consideration and intending to be legally bound hereby, the parties hereby agree as follows.

- **1. Software**. Exhibit A of the Agreement is hereby amended to include the attached Pricing Exhibit EST-INC14748. The term of the subscription will be thirty-six (36) months.
- **2. Fees**. The Fees for the Software listed in Exhibit A will be pro-rated in order align Client's Software to a single annual billing cycle.
 - 3. Miscellaneous.
 - a. This Amendment will become effective upon execution by both Innovative and the Client.
 - b. Except as otherwise amended hereby, the other provisions of the Agreement will remain in full force and effect as of the date hereof. In the event of a conflict between the provisions of this Amendment and the Agreement, the terms of this Amendment will control.
 - c. This Amendment may be signed in any number of counterparts, each of which will be an original, with the same effect as if the signatures thereto and hereto are upon the same instrument.
 - d. This Amendment will be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns.

[Signature Page Follows]

IN WITNESS WHEREOF, the parties hereto have caused their duly authorized representatives to enter into this Amendment as of the dates specified below.

BARTLESVILLE PUBLIC LIBRARY	INNOVATIVE INTERFACES INCORPORATED
Signature:	Signature:
Print Name:	Print Name:
Title:	Title:
Date:	Date:



Part of Clarivate

Innovative Interfaces Incorporated 1900 Powell St. Suite 400 Emeryville CA 94608 United States

Bill To

Bartlesville Public Library

Date Quote # 3/25/2022 EST-INC14748

Payment Terms

Net 30

Overall Contract Term (Months)

Pricing Exhibit

36

Contract Start Date Contract End Date

Sales Rep

Patrick McCrae

Site Code **Expires**

BART1810 6/23/2022

600 South Johnstone Bartlesville OK 74003 **United States**

Ship To

Bartlesville Public Library 600 South Johnstone Bartlesville OK 74003 **United States**

Currency

US Dollar

item	Item Category	Qty	Description	Options	Original Rate	Discounted Rate	Amount	Discount
Content Carousel	License - Term	1	Separately licensed The Carousel Toolkit allows libraries to get carousel code snippets for record sets (bibliographic records only) and for the following existing system-supplied and automatic dashboard web parts: This allows the library to publish a content carousel to a website.		375	375.00	375.00	

First Year Total US\$375.00



Statement of Work

This Statement of Work (the "SOW") dated March 28, 2022 is entered into pursuant to the Master Professional Services Agreement between Bartlesville Public Library ("Client") and Innovative Interfaces Incorporated ("Innovative") effective as of February 23, 2018 (the "Agreement"). Innovative and Client may each be referred to as "Party" from time to time or collectively as "Parties".

A. Purpose of this Statement of Work

The SOW provides an overview of the scope of the project and fees to complete the engagement based on Innovative's prior experience with similar projects and preliminary discussions with Client. The Client hereby acknowledges that the SOW is not meant to capture all detailed requirements but documents the high level requirements and implementation approach discussed and that additional detailed requirements discussions will be required to outline the full scope of work between the Parties.

B. Project Scope of Services

1. Content Carousel Installation

a) Innovative will install the Content Carousel software.

All specified work includes, where necessary:

- Project management
- Requirements consultation between client and Innovative
- Installation and configuration of the purchased software modules on a single production environment. If installation and configuration is required to be performed on additional server environments, additional fees will apply.
- Post-implementation testing
- Remediation of post-implementation issues, found during our own testing or found by the client

No work will be performed, on the client's production environment, without prior notification to, and approval from, the client. Work will be performed in pre-specified maintenance windows, as agreed upon in advance by the client and Innovative.

Any requested work, outside of the specifications listed above, will be quoted at an additional cost, and written approval must be provided by the client before work can proceed.

C. Innovative Services Team

The Services Team will have the following resources available for this project:

1. Support Engineer: Content Carousel implementation is performed by a support engineer, who will be responsible for all aspects of the implementation as stated above.

D. Client Implementation Team

 Librarian Lead – Works closely with System Engineer to ensure requirements are clear and representative of the needs of the library. The Librarian Lead will coordinate with key members of the team as required



2. Technical Lead: Will be responsible for assisting with Client responsibilities related to the installation and any other system level duties required by Client.

E. Implementation Assumptions

- 1. Client will have adequate resources available to ensure timely completion of any library tasks outlined in the project schedule.
- 2. Timeline for the completion of this project will be established, through joint planning conversations between the client and Innovative during the initial stage of the project.
- 3. Client will provide a technical point of contact who is able to provide, or coordinate access to, necessary information and library resources. This includes information related to server access, collecting and providing any prerequisite information required to support installation and configuration of software, and other needs that may arise during the project.

F. Fees and Payment Terms

Fees for Services delivered under this SOW will be charged on a fixed price basis as set forth in the Innovative Pricing Exhibit EST-INC14747 attached herewith and are made in good faith based on the activities, approach, and assumptions contained within the SOW. Payment terms for this SOW are as set forth in the Professional Services Agreement Any additional Change Requests will be performed at a blended rate of \$200 per hour for all resources. Additionally, Client is responsible for all reasonable out-of-pocket costs and expenses incurred during this SOW. Pricing assumes that deliverables in this Statement of Work are completed within six months or additional Services fees will apply.

IN WITNESS WHEREOF each party has caused this SOW to be executed by its duly authorized representatives.

AGREED:

Client	Innovative
Bartlesville Public Library	Innovative Interfaces Incorporated
Ву:	Ву:
Name:	Name:
Title:	Title:
Date:	Date:



Part of Clarivate

Innovative Interfaces Incorporated 1900 Powell St. Suite 400 Emeryville CA 94608 United States

Bill To

Bartlesville Public Library 600 South Johnstone Bartlesville OK 74003 United States

Date Quote

3/25/2022 EST-INC14747

Payment Terms Sales Rep Technical Contac

Net 30 Patrick McCrae

Technical Contact Site Code CU4948 Bartlesville Public Library

Site Code Expires

Pricing Exhibit

BART1810 6/23/2022

Currency

US Dollar

Item	Item Category	Qty	Description	Options	Original Rate	Unit Price	Amount
Polaris Content Carousels Implementation	Services	1	Polaris Content Carousels Implementation		200	200.00	

Ship To

United States

Bartlesville Public Library 600 South Johnstone Bartlesville OK 74003

Total Fees

US\$200.00



Agenda Item 7.c.v.
April 4, 2022
Prepared by Shelley Charles
Engineering

I. SUBJECT AND ATTACHMENTS

A. SUBJECT

Discuss and take possible action to execute a Contract with CEC Corporation for engineering services on the M. J. Lee Parking Improvements Project.

B. ATTACHMENTS

CEC Corporation Contract

II. PROJECT BUDGET, DESCRIPTION, STAFF COMMENTS AND ANALYSIS

A. PROJECT BUDGET AND DESCRIPTION

This project will utilize Capital Improvement Sales Tax Funds, with a total allocation of \$350,000.00. Funding was approved as part of the FY 21-22 Capital Budget.

The project will consist of constructing two new parking lots at Lee Lake and Cooper Dog Park which will replace the existing gravel lots, installing a new connection road between the Lee Lake Parking Lot, Cooper Dog Park, and Daniels Fields, removing the westernmost and easternmost drive approaches onto Adams Blvd, and constructing a new 75 yd x 120 yd soccer field along the east of the existing fields.

B. STAFF COMMENTS AND ANALYSIS

Staff has reached out to CEC Corporation and negotiated a contract to complete design work and prepare construction bid documents for a planned advertisement date of Mid-July. The total cost of CEC's proposed contract is \$23,600.00.

The City of Bartlesville has contracted with CEC Corporation on multiple successful projects in the past 10 years. They have the expertise and available staffing resources to complete the design in accordance with our local and state standards

III. RECOMMENDED ACTION

Staff recommends approval of the contract with CEC Corporation for	engineering
services on the M. J. Lee Parking Improvements Project.	
Council Member or Staff Member Dat	<u></u>



ENGINEERING CONTRACT FEE PROPOSAL - REV1

FOR

CITY OF BARTLESVILLE BARTLESVILLE, OKLAHOMA

M.J. LEE LAKE PARKING IMPROVEMENTS

BARTLESVILLE, OKLAHOMA MARCH 30, 2022

CEC Corporation
4617 East 91st Street South
Tulsa, OK 74137

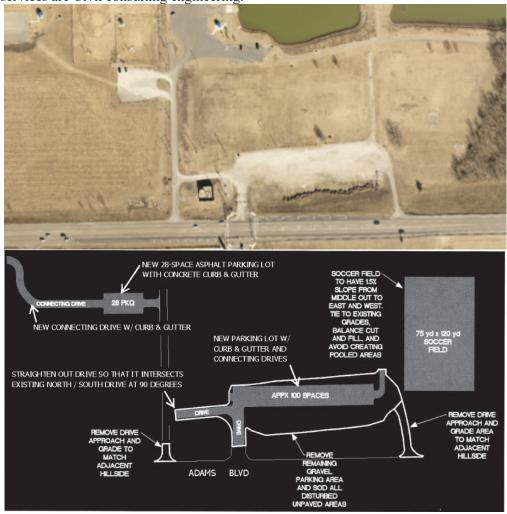
Phone: 918.663.9401 | Fax: 918.663.9404

www.connectcec.com



GENERAL SCOPE OF SERVICES

CEC Corporation (hereinafter referred to as CEC) proposes to provide professional services as described herein to the City of Bartlesville (hereinafter referred to as CLIENT). The following is our understanding of the project and scope of our recommended design services associated with the proposed M.J. Lee Lake Parking Improvements. The project consists of providing Construction Documents for the parking lot and soccer field improvements located at the Lee Lake Recreational Area in Bartlesville, Oklahoma. The proposed services are Civil consulting engineering.



Images provided by client

Our basic understanding of the project is as follows:

- The proposed project will involve the removal of the westernmost and easternmost driveways from Adams Boulevard. These areas will be graded to match adjacent slopes.
- There will be two (2) proposed parking lots with curb and gutter. The southernmost parking lot will have approximately 100 stalls and the northernmost lot will have 28 stalls.
- The proposed parking lots will be lighted. Lighting design to be provided by PSO.
- The existing driveway running east-west on the west side of the 100-stall lot will be straightened and made perpendicular to the existing drive running north-south.

- There will be a new road connecting the 28-stall lot to the existing lot located northwest of the project site.
- The proposed 75 yd x 120 yd soccer field area will be graded so that there is a high point in the middle and 1.5% slopes out.
- Earthwork within the project site will have balanced cut/fill.
- Stormwater detention will not be required for this project.
- CEC was not provided a geotechnical report for this site. The CLIENT will provide pavement section(s) for CEC to use.

Our proposed Scope of Work is as follows:

CD TASK - CONSTRUCTION DOCUMENTS PHASE

- Participate in up to three (3) team meetings with the CLIENT and provide necessary coordination with all team members.
- Code research as applicable to project and authority having jurisdiction (AHJ)
- Assist with general site layout analysis (turning movements, parking requirements). Refine paving and parking arrangement on the site.
- Coordinate lighting layout with PSO.
- Provide typical Civil Engineering Construction Document services.
- Design typical plan sheets will include:
 - Existing Site Plan Display existing site features according to the survey provided for the site.
 - Demolition Plan Display the areas and items to be removed for the proposed improvements.
 - Site Plan Provide full dimensions of the site.
 - Dimensions shall be tied to existing buildings, back of curbs, and other features.
 - Show proposed lighting in parking lots.
 - o Grading & Drainage Plan Fine grade the entire site.
 - Spot elevations will be shown to display the top of curb, necessary pavement elevations, and drainage patterns.
 - o Erosion Control Plan Create an erosion control plan for the site to meet ODEQ and City requirements.
 - Prepare NOI permit application to be submitted to ODEQ by the contractor
 - Generate a SWPPP document to remain on-site during construction.
 - o Details Provide details for the project including paving, curb, striping, and erosion control measures.
- Provide original Construction Documents (Drawings and Specifications) with engineer's cost estimate at CLIENT-directed interim submittals (e.g. 60% and 90% completion)
- Provide signed and sealed Construction Documents in PDF format

BIDDING PHASE

- Attend Pre-Bid Conference
- Prepare any required addenda

ITEMS EXCLUDED FROM THE SCOPE OF WORK

- Topographic, property or construction staking survey services (if needed, this service can be added based on the hourly rates submitted with this proposal) an AutoCAD file of the existing survey will be provided to CEC
- Lighting design (lighting to be provided by PSO)
- Geotechnical investigation/pavement recommendations
- Landscape/irrigation design
- Flood study, establishing a FEMA base flood elevation, or finish floor flood elevation certificate
- Re-zoning, PUD, plat revisions, or attending public meetings
- Property research, easement preparation, or surveyor exhibits
- Public roadway improvements and/or traffic study
- Underground storm sewer drainage system and/or underground storm water detention
- Storm water detention pond/facility and/or drainage report
- Public utility (water, sanitary sewer, storm sewer) improvements or modifications
- Obtaining any regulatory permits or payment of any permit fees
- Attendance at Contractor's periodic construction progress meetings
- On-site material testing and/or construction inspection
- Review of Contractor's monthly payment applications
- Record Drawing or As-Built Drawing production
- Site observations during or after Contractor's one (1) year warranty period
- Review of shop and erection drawings of material used in construction ways and means such as formwork, shoring and bracing by Contractor
- Construction administration services of any kind including, but not limited to, value engineering, bidding services, submittal review, RFI response, construction site visits, or as-built drawings

PROJECT SCHEDULE

Following receipt of our Notice to Proceed, it is expected that CEC personnel can begin working on the project within one (1) week. As long as reasonable time is allowed between Notice to Proceed and the first deadline, it is expected that CEC can meet the following schedule provided by the CLIENT:

- May $22^{nd} 85\%$ construction documents
- June $6^{th} 99\%$ construction documents (plans and specifications)
- June 13th 100% signed and sealed constructions documents (plans and specifications)

ADDITIONAL SERVICES

If there should be a change in project scope that leads to additional work or additional services are requested by CLIENT, we will negotiate a fee to provide the changes or additional services prior to commencing work.

REIMBURSABLE EXPENSES

The costs for project related reimbursable expenses listed below will be billed at direct cost and only with prior written approval of CLIENT.

- Fees paid for securing jurisdiction approval or permitting/application services
- Reproduction expenses
- Mailing expenses

PROPOSED ENGINEERING CONTRACT FEE SUMMARY

CD TASK - Construction Documents Phase (Includes meetings) • Civil Engineering Fee	\$ 22,800.00
Bidding Phase • Civil Engineering Fee	\$ 800.00

TOTAL Proposed Engineering Fee

\$ 23,600.00

We sincerely appreciate the opportunity to submit this engineering contract fee proposal. In lieu of subsequent contract documents, this document in its entirety, including the following Terms and Conditions page, shall govern as a contract between the signing parties. A returned signed copy of this proposal will be considered a 'notice-to-proceed' and will be a legally binding document. If the terms are agreeable, please sign and return a scanned copy/hard copy to me via email or at the address listed on the cover page. If you have any questions or need additional information, please call Andy Blankenship at 918.900.6255.

Submitted for approval by:	Accepted by:
fely Blake	By:
Andy Blankenship, P.E.	
CEC Corporation	Print:
Civil Department Manager	
Date: March 30, 2022	Date:
	Title:
	Address:
	Phone:

Notes

- 1. The fee shall be invoiced by CEC on a progressive basis either monthly or in accordance with formal design review submissions and monthly construction progress as directed by CLIENT.
- 2. The fee presented is based on current hourly rates and is valid if contracted within 90 days from the date listed on the cover sheet.
- 3. CEC reserves the right to revisit the proposal scope and fee should the project be placed on hold for more than 90 days.

STANDARD TERMS AND CONDITIONS FOR PROFESSIONAL SERVICES

These Standard Terms and Conditions, together with the attached proposal, make up the Agreement between the named Client and CEC Corporation (CEC). Before countersigning the Agreement or verbally authorizing work, be sure you read and understand its contents, which deal with the allocation of risks and duties between the Client and CEC.

- 1. Scope. The scope of work for the Engineering Services to be provided is specifically set forth in the attached proposal, submitted to Client by CEC. If Client requests a change in the scope of the Services to be provided, CEC reserves the right to revise delivery schedules and make an equitable adjustment to the price. Client acknowledges and agrees that CEC is providing the Services only and is not providing or participating in the provision of any product(s). CEC will not be obligated to provide any services which are (a) outside of the scope defined in the applicable documentation; (b) outside its area of expertise; or (c) in violation of any applicable laws, codes or regulations.
- 2. Standard of Care. CEC will perform the services limited to and in accordance with the skill and care ordinarily used by qualified professionals performing the same type of services at the same time under similar conditions in the same or similar locality. No other standards or warranties, expressed or implied apply. The Client will notify CEC in writing of any deficiencies in the services within 15 days of their discovery but not later than 120 days after substantial completion of the services. The Client will give CEC a reasonable opportunity to correct these deficiencies.
- 3. Client's Responsibilities. Client will provide permits, licenses, approvals and consents necessary for performance of the services, except those maintained by CEC for its ordinary conduct of business. Client will provide CEC with all reasonably available documents that are related to the services, including information related to hazardous materials or other environmental and geotechnical conditions at the site. Before CEC performs any subsurface activities, the Client will provide all available information concerning underground services, conduits, pipes, tanks, other facilities and obstructions at the site. CEC will rely on the documents and information provided by the Client. The Client grants CEC and its sub-consultant(s) permission to enter the site to perform the services. If the site is owned by others, the Client represents and warrants that the owner has granted permission for CEC to enter the site and perform the services. Client will provide CEC with written verification of site access permission upon request.
- 4. Payment. Client will compensate CEC for the services at its standard rates, and reimburse its expenses. CEC will submit periodic invoices that are due upon receipt, regardless of Client's receipt of payments from third parties. The Client will notify CEC in writing within 10 days of any disputed item on the invoice and pay all undisputed items within 30 days from invoice date. Overdue payments will accrue interest at the lower of 1½ percent per month or the maximum lawful rate. CEC may terminate its services upon 10 days written notice any time payment is overdue on any account with the Client. Client agrees to pay for all services through termination, plus termination and collection costs, including reasonable attorneys' fees and expenses. CEC reserves the right to withhold final reports, letters of compliance, or any other relevant document until all past due invoices have been paid. The attached price list shall be adjusted annually as of the date of execution for this agreement.
- 5. Limits on CEC Responsibility. CEC will not be responsible for the acts or omissions of any others, except for its employees and sub-consultant(s). CEC will not supervise, direct or have control over any contractor's work. CEC will not have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction, for work site health or safety precautions or programs, or for any failure of contractors to comply with contracts, plans, specifications or laws. Client acknowledges that CEC does not warrant or guarantee the approval or receipt of any governmental permits or approvals, or the time to obtain such permits or approvals.
- 6. Changed Conditions. The Client acknowledges that encountered conditions may differ considerably from those anticipated, that laws and regulations are subject to change, and that regulatory requirements may be unpredictable. CEC will notify the Client if additional services, costs or time become necessary due to any of these factors and the parties will negotiate appropriate changes to the scope of services, compensation and schedule. In the event of an emergency, CEC may take immediate steps to protect public safety, health and the environment, and will be equitably compensated for its work by the Client. CEC will not be responsible for delays, failures to perform or extra costs due to weather, labor disputes, intervention by or inability to get approvals from public authorities, acts or omissions by the Client, or any other causes beyond CEC's reasonable control. The Client will compensate CEC for any increase in its costs resulting from any of these factors.
- 7. Documents and Information. All documents, data, calculations and work papers prepared or furnished by CEC are instruments of service and will remain CEC's property. Designs, reports, data and other work product delivered to or on behalf of the Client are for Client's use only for the limited purposes disclosed to CEC and subject to Client paying for the services to provide said work product. Any delayed use, use at another site, use on another project, or use by a third party will be at the user's sole risk and Client agrees to indemnify CEC against any liabilities resulting there from. Any technology, methodology, or technical information learned or developed by CEC will remain its property.
- 8. Confidentiality and Subpoenas. Information about this Agreement and CEC's services and information provided by the Client about the services will be maintained in confidence and will not be disclosed to others without the Client's consent, except as CEC believes is necessary to perform its services, comply with professional standards to protect public safety, health and the environment, and to comply with laws and court orders. CEC will make reasonable efforts to notify the Client prior to any disclosure except as necessary to perform its services. Information available to the public and unprotected information acquired from third parties will not be considered confidential. The Client will reimburse CEC to respond to any subpoena or governmental inquiry or audit related to the services at CEC's standard rates then in effect.
- 9. Insurance. During the work, CEC will maintain workers' compensation, commercial general liability, automobile liability, and professional liability insurance in the following minimum amounts: Workers compensation statutory amount; General liability \$1,000,000 per occurrence, \$2,000,000 aggregate; Auto liability \$1,000,000 per accident; Professional liability \$5,000,000 aggregate. CEC will furnish certificates of insurance upon request. CEC will purchase project specific insurance at Client request if it is commercially available and Client pays the premium and the costs to obtain the additional coverage.
- 10. Limitation of Liability. To the fullest extent permitted by law and notwithstanding anything else in this Agreement to the contrary, the aggregate liability of CEC and its affiliates and sub-consultants and their employees, officers, and directors for all claims arising out of this Agreement or the services is limited to the compensation received by CEC under this agreement or \$25,000 whichever is greater. This limitation applies to all injuries, damages, claims, losses, expenses and defense costs, whether based in contract, negligence, strict liability, statutory, trespass, indemnity, misrepresentation or any other theory of liability. No claim will be valid if presented to CEC more than ten (10) years after substantial completion of the services or, if shorter, the applicable statute of limitations period. CEC will not be liable for lost profits, loss of use of property, diminution of value of property or goods, delays, cost to obtain replacement samples, or other special, indirect, incidental, consequential, punitive, exemplary or multiple damages. CEC shall not be liable in any event for any special or consequential damages suffered by the client arising out of the services hereunder. Special or consequential damages as used herein shall include, but not be limited to, loss of capital, loss of product, loss of use on any system, or other property, or any other indirect, special or consequential damage, whether arising in contract, tort (including negligence), warranty or strict liability.
- 11. Disputes. All disputes between the Client and CEC shall be subject to non-binding mediation. Either party may demand mediation by serving written notice stating the essential nature of the dispute, the amount of time or money claimed, and requiring the matter be mediated within forty-five days of service of notice. The mediation shall be administered by the American Arbitration Association in accordance with their most recent Construction Mediation Rules, or by such other person or organization as the parties may agree on. No action or suit may be commenced unless mediation has occurred but did not resolve the dispute, or unless a statute of limitation period would expire if suit were not filed prior to such forty-five days after service of notice.
- 12. Assignment. Client may not assign the Agreement between CEC and Client without the prior written consent of CEC.
- 13. Delivery/Force Majeure. CEC shall have no liability for delays or any other breach of its obligations resulting from an Act of God, war, riot, explosion, accident, act of government, work stoppage, default of subcontractor or supplier of materials, or any other cause beyond the reasonable control of CEC.
- 14. Other. This Agreement shall be governed by Oklahoma law. This Agreement becomes effective when fully executed by all parties and will remain in effect as defined by the requirements of the work. The above terms and conditions regarding Limitation of Liability and Indemnification shall survive the completion of the services under this Agreement and the termination of the contract for any cause. Any amendment to this Agreement must be in writing signed by all parties. This Agreement supersedes any contract terms, purchase orders or other documents issued by the Client. If these Terms and Conditions have been provided to you, CEC must receive this fully executed document or written authorization to commence services. The provisions of this Agreement are severable; if any provision is unenforceable, it shall be appropriately limited and given effect to the extent that it is enforceable. Headings in these Terms and Conditions are for convenience only and do not form a part of the agreement. Nothing in this Agreement shall be construed to give any rights or benefits to third parties.





I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Discuss and take possible action regarding a resolution and traffic signal maintenance agreement with the Oklahoma Department of Transportation for Job Piece Number 23438(10) State Highway 123 Over Caney River.

Attachments:

Resolution Traffic Signal Maintenance Agreement

II. STAFF COMMENTS AND ANALYSIS

The Oklahoma Department of Transportation (ODOT) has been planning a project to reconstruct the State Highway 123 bridge over the Caney River. Construction is slated to begin on April 4th. The City of Bartlesville has been included in the planning of this project from early on. One of the first things that the City of Bartlesville was involved with was an evaluation of preferred alignment options. With the City's input, ODOT decided to realign State Highway 123 with Delaware Avenue rather than Cherokee Avenue. This allows a large portion of the new bridge to be constructed prior to closing State Highway 123 to remove the exiting bridge. This alignment also eliminates the awkward 5-leg intersection at Cherokee and Hensley. ODOT completed a traffic study to determine traffic signal needs with this new alignment. The study revealed that traffic signals would still be warranted at Cherokee Avenue and Hensley Boulevard (SH 123) and new signals would be warranted at Delaware Avenue and Hensley Boulevard. Maintenance and operation of traffic signals has always been the responsibility of municipalities. The City of Bartlesville operates and maintains all of the traffic signals on US 75, US 60, and SH 123 that are located within our City Limits. ODOT requires execution of the attached resolution and traffic signal maintenance agreement as they move forward with this project. Staff has reviewed the maintenance agreement and it is in line with other traffic signal agreements currently in effect with ODOT.

III. RECOMMENDED ACTION

Staff is requesting the City Council approve and authorize the Mayor to execute the resolution and traffic signal agreement with ODOT for construction of traffic signals at the intersection of State Highway 123 and Cherokee Avenue and State Highway 123 and Delaware Avenue.

		UTION	RESOL
--	--	-------	-------

A RESOLUTION APPROVING A TRAFFIC SIGNAL MAINTENANCE AGREEMENT WITH THE STATE OF OKLAHOMA DEPARTMENT OF TRANSPORTATION.

WHEREAS, the Oklahoma Department of Transportation has planned, bid, and awarded a contract to replace the State Highway 123 Bridge over the Caney River; and,

WHEREAS, the newly constructed bridge will be aligned with Delaware Avenue instead of the existing alignment with Cherokee Avenue and will then intersect with Hensley Boulevard which is also State Highway 123; and,

WHEREAS, a traffic impact analysis (TIA) has been completed for the proposed modifications in the City of Bartlesville, Oklahoma, and said study indicates that traffic signals are warranted at the intersection of State Highway 123 and Cherokee Avenue and at the intersection of State Highway 123 and Delaware Avenue; and,

WHEREAS, the City of Bartlesville agrees with the Oklahoma Department of Transportation plan to install traffic signals at the intersection of State Highway 123 and Cherokee Avenue and at the intersection of State Highway 123 and Delaware Avenue; and,

WHEREAS, the City of Bartlesville agrees to execute a maintenance agreement to maintain the traffic signal devices to a level of service acceptable to the Oklahoma Department of Transportation and pay all utility expenses associated with the operation of the traffic signal devices.

NOW, THEREFORE, BE IT RESOLVED that the Mayor is hereby authorized and directed to execute the above described agreement on behalf of the City of Bartlesville.

PASSED AND APPROVED at a regular meeting of the City Council of the City of Bartlesville and duly signed by the Mayor this 4th day of April, 2022.

	THE CITY OF BARTLESVILLE, OKLAH	OMA
	Dale Copeland, Mayor	
ATTEST:		
City Clerk		
(SEAL)		

PROJECT

MAINTENANCE AGREEMENT

FOR

FEDERAL-AID PROGRAM PROJECT

PROJECT NUMBER STP-274B(025)PM JOB PIECE NO. 24348(10)

FOR THE INSTALLATION OF TRAFFIC SIGNALS AT THE INTERSECTION OF STATE HIGHWAY 123 & CHEROKEE AVENUE & DELAWARE AVENUE

IN THE CITY OF BARTLESVILLE

BY AND BETWEEN

THE CITY OF BARTLESVILLE

AND

THE OKLAHOMA DEPARTMENT OF TRANSPORTATION

AGREEMENT

This AGREEMENT, made the day and year last written below, by and between the CITY of BARTLESVILLE, herein after referred to as the CITY, and the Department of Transportation of the State of Oklahoma, herein after referred to as the DEPARTMENT, for the following intents and purposes and subject to the following terms and conditions, to wit:

WITNESSETH:

THAT the DEPARTMENT proposes to make certain traffic improvements as directed by the Oklahoma Transportation Commission at their meeting of February 2007, authorizing State apportioned Federal-aid Project funds for participation in the project for a Traffic Signal in the CITY of BARTLESVILLE designated as Federal-aid Project STP-274B(025)PM, JP#24348(10) consisting of the actual traffic improvements as follows:

- 1. Installation of traffic signals at the intersection of STATE HIGHWAY 123 AND CHEROKEE AVENUE in the CITY OF BARTLESVILLE, WASHINGTON County.
- 2. Installation of traffic signals at the intersection of STATE HIGHWAY 123 AND DELAWARE AVENUE in the CITY OF BARTLESVILLE, WASHINGTON County.

All construction is to be in accordance with the plans and by reference made a part of this AGREEMENT. Such plans are to be in accordance with the Oklahoma Standard Specifications for Highway Construction, Edition of 2019 and current updates.

It is the policy of the Oklahoma Department of Transportation to assure compliance with Title VI of the Civil Rights Act of 1964, and the CITY hereby agrees that as a condition to receiving any Federal financial assistance, it will comply with Title VI of the Civil Rights Act of 1964 which requires that no person in the United States shall, on the grounds of race, color, religion, sex, disability, or national origin, be excluded from the participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which Federal Financial Assistance is received.

NOW, THEREFORE, the parties hereto mutually agree as follows:

 The DEPARTMENT agrees to provide the plans, specifications, and construction cost estimates for this project. The DEPARTMENT agrees to become jointly responsible with the contractor as coapplicants for meeting all Environmental Protection Agency (EPA) requirements for storm water runoff on this project. It is agreed that the project plans and specifications, required schedules for accomplishing the temporary and permanent erosion control work, the storm water pollution prevention plan sheet and appropriate USGS topographic map contained in the plans constitute the storm water management plan for the project described previously in this document. Further, if required, the DEPARTMENT and the CITY agree to file jointly with the contractor the Notice of Intent (NOI) for Storm Water Discharges Associated with CONSTRUCTION ACTIVITY under the OPDES General Permit with the Oklahoma Department of Environmental Quality which authorizes the storm water discharges associated with industrial activity from the construction site identified in this document.

2.

- 3. The DEPARTMENT shall appoint competent supervision of the construction work to the end of obtaining work strictly in accordance with the approved plans and specifications.
- 4. The CITY shall, by resolution or letter of concurrence, duly authorize the execution of this AGREEMENT by proper officials, and attach copies of such resolution or letter of concurrence to this AGREEMENT.
- It is understood and agreed that the roadway improvements and all devices specified herein shall not be altered, removed, or cease to be operative without mutual written consent of the DEPARTMENT and the CITY.
- 6. The CITY agrees that upon completion of construction of said project, final inspection, and acceptance of the project by the DEPARTMENT, the CITY will be responsible for the maintenance and cost of operation of all traffic signal equipment erected and installed pursuant to this agreement and all the devices.
- 7. The CITY and the DEPARMENT hereby agrees to periodically review the adequacy of the aforesaid project to ensure the safety of the traveling public and should the DEPARTMENT determine that further modification or improvement be required, the CITY shall take such actions as are necessary to make such modification or improvement. When

maintenance and/or operational modifications are required which, in the opinion of the DEPARTMENT, exceed the capabilities of the CITY's staff, the CITY agrees to retain, at the sole expense of the CITY, competent personnel for the purpose of bringing the improvement up to the proper standard of operation.

- 8. In the event that any hardware installed hereunder is no longer needed for the purposes designated herein, then the hardware installed hereunder shall not be removed by the CITY to any point other than that which is approved by the DEPARTMENT prior to such removal.
- 9. In the event there is no mutually agreed location for reinstallation, the CITY will assume complete ownership of the equipment following removal if the installation is ten (10) years old or older. If the installation is less than ten (10) years old, and:
 - (a) In the event that the CITY desires total ownership of the equipment, the CITY shall reimburse the DEPARTMENT for 100% of the original equipment costs only, amortized for a ten (10) year service life, interest ignored, and assuming straight line depreciation.
 - (b) In the event the CITY does not desire total ownership of the equipment, the CITY shall sell the equipment at public auction to the highest bidder. The CITY shall reimburse the DEPARTMENT 100% of the proceeds of such sale.
- 10. Upon completion of the aforesaid project, the CITY hereby specifically agrees that the CITY assumes any and all financial obligation for the operation of the aforesaid project.
- 11. If the CITY should fail to fulfill its responsibilities under this AGREEMENT, such a failure will disqualify the CITY from future Federal-aid participation on any Federal-aid project. Federal funds are to be withheld until such time as a traffic engineering staff, satisfactory to the DEPARTMENT, has been properly established and functioning, deficiencies in regulations have been corrected, or the traffic operations improvements to be installed under this Agreement are brought to a satisfactory condition of maintenance.

IN WITNESS WHEREOF,	the Deputy Dire	ctor of the Department of Transportation, pursuant to
authority vested in her by the	Transportation C	ommission, has hereunto subscribed her name as Deputy
Director of the Department of	of Transportation,	and the CITY has executed same pursuant to authority
prescribed by law.		
The CITY on the	day of	, 20, and the STATE on the day
of, 20_		
		THE CITY OF BARTLESVILLE
		BY:
ATTEST:		APPROVED AS TO FORM AND LEGALITY
		BY:
Title		City Attorney STATE OF OKLAHOMA DEPARTMENT OF TRANSPORTATION
		BY: Division Engineer
		BY: State Traffic Engineer
		By: Deputy Director
		APPROVED AS TO FORM AND LEGALITY
		BY: General Counsel



Prepared by Mike Richardson. Airport Director Bartlesville Municipal Airport

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Consider and take action to enter into a merchant agreement with Kropp Holdings Inc. ("KHI") to sell merchandise, products or services to authorized holders of the RESQ card for first responders and/or the US Government Air Card.

Attachments:

KHI- Air Card Merchant Enrollment Package KHI- RESQ Card Merchant Enrollment Package

II. STAFF COMMENTS AND ANALYSIS

The US Government Aircraft utilize the US Government Air Card for fuel and ancillary services that the City owned FBO could provide to them should we become a merchant. This would potentially expand our customer base to include US Government Aircraft.

III. RECOMMENDED ACTION

The Airport Director recommends entering into a merchant agreement with KHI for the US Government Aircard and the RESQ card for first responders.



MERCHANT ENROLLMENT FORM

To ensure the quickest set up please make sure all fields marked with an ** are filled in as they are required for completion. IF these are left blank the merchant sign up materials will be returned to you with the request that they be filled in. Merchant enrollment into the AIR Card® program will not progress until all required data has been provided.

Merchant Information			
** Company Name:			
** Doing Business As (if applicable):			
** Supplier (who supplies your produ-	ict):		
Financial Office/Remittance Ad	ldress		
** Finance Manager:			
** Address:			
** City/State	** Postal Code:	**	Country:
** Email:	7-7-1		
** Phone:		Fax:	
Physical Address			
** Operations Manager:			
** Address:			
	2011		
** City/State	** Postal Code:	**	Country:
** Email:			
** Phone:		Fax:	
Parent Company (** if applicabl	le)		
** Company Name:			
** Address:			
** City/State	** Postal Code:	**	Country:
** Email:		<u>'</u>	
** Phone:		Fax:	
		*	
Notification Contacts			
Communication	** Email		** Phone
Fuel and or Handling Requests			
	*.		
Tax Information			
In accordance with the laws of the United Sta	ates Internal Revenue Service.	KHI is required to obtain a	a completed W-9 from all
merchants based within the United States. F	For companies outside of the U	nited States, a W-8 form of	or the enclosed W-8 Substitution
form is required. Your merchant account wil	II NOT be completed without on	e of the below forms. Ple	ase select which form is to be
submitted.			
W-9 W-8 W-8 Sul	hstitution		
	Dollation		
	bolitation		
	bolitation		





KHI AIR Card® MERCHANT LOCATION FORM

(Please provide a list of all locations and s	ervices or products offered at those loc	ations. Attach additional forms if nece	ssary.)
ICAO/IATA:	Hours of Operation:		
Primary Contact Name:	Phone #:	Email:	
Invoice submission method:			
Paper (fax, email, courier)			
Electronic (KHI certified and approved)			
Other (explain)			

Fuel and Ground Services Available or applicable Taxes/Fees (Please check all that apply)

Fuel/Fuel Related Taxes/Fees	Products and Ground Services		
let A	ABO Aviator Breathing Oxygen	Ice	
Jet A with Additive	Air Start	Ladder	
Jet A1	Aircraft Cleaning	Landing Fee	
Jet A1 with Additive	Aircraft Emissions	Lavatory Services	
Jet B	Aircraft Towing	Lighting	
Jet B with Additive	Airport Fee	Maintenance	
Jet Fuel Russian Commercial	APU	Marshaling	
JP-8	Baggage Fee	Nitrogen	
AvGas	Cargo Loading/Unloading	Noise Tax	
Corrosion Inhibitor	Catering	Oil	
-SII	Chocks	Overtime	
Prist	Communications	Parking Fee	
SDA	CAWI- Continuous alcohol water injection	Passenger Fee	
Anti-Ice	Crane Truck	Passenger Handling	
Canadian Excise Tax	Crew Transportation	Pilot Supplies	
Canadian Tax - QST	Customs	Potable Water	
Compulsory Storage Fee	De-Fuel	Preheat	
Customs Duty Tax	De-icing De-icing	Push Back	
Excise Duty Tax	Dispatch	Ramp Fee	
Federal Excise Tax	Disposal Fee	Re-service	
Federal Oil Spill Tax	Dolly	Sampling Charge	
Flowage Fee	Facility Fee	Security Communications	
Government Thru-Put Fee	Fire Truck	Security Force Vehicle	
GST	Flight Cancellation	Security Services	
Harmonized Sales Tax	Flight Planning/Weather	Slot Time & Fees	
Hookup Fee	Follow Me	Take Off	
Hydrant Fee	Fork Lift	Terminal Operations	
Mineral Oil Tax	Fumigation	Tie Down	
Provincial Fuel Tax	Hangar Rental	Touch and Go	
SAGESS Tax	High Loader	Trash Removal	
Sales Tax	Hydraulic Fluid	Vendor Admin Fee	
State Tax			



Turnover Tax

Value Added Tax (VAT)



MERCHANT AGREEMENT

THIS MERCHANT AGREEMENT, made and entered	into as of the	day o	of	20	(AGREEMENT) by and between,
(MERCHANT) located in	and Kropp Holdings,	Inc.,	a Maryland	corporati	ion with an office at 8650 College Boulevard, Overland Park,
Kansas 66210 (PROCESSOR).					

A. MERCHANT AGREES:

- 1. To honor each valid AIR Card® when presented by a holder thereof for the purchase of aviation related products and services (Merchandise).
- 2. To follow all procedures and purchase policies applicable to the purchase of Merchandise using an AIR Card®, including but not limited to those relating to invoicing and transaction authorization.
- 3. To send PROCESSOR, at least weekly, the MERCHANT's Invoices representing all purchases made with the AIR Card®.
- 4. To pay PROCESSOR the Service Fee in accordance with the Payment Option as selected in writing by MERCHANT. MERCHANT authorizes PROCESSOR to deduct and retain for its own account from each payment due to MERCHANT under the acceptable Payment Option the Service Fee arrived at by multiplying the percentage amounts corresponding to the Payment Option selected by MERCHANT times the total amount of each Invoice included in the PROCESSOR payment to MERCHANT.
- 5. If MERCHANT fails to properly authorize any AIR Card® transaction, and such transaction is not an authorized transaction, MERCHANT shall not be entitled to payment for and PROCESSOR shall not be required to pay MERCHANT for such transaction.
- 6. Amounts representing Merchandise purchases not made in accordance with the AIR Card® Operating Procedures will be rejected by PROCESSOR. If a transaction is paid and billed to DLA Customer, who subsequently rejects the transaction, this amount will be deducted from the next regular payment due to the MERCHANT.
- PROCESSOR PAYMENT OPTION. MERCHANT hereby elects the Payment Option and corresponding PROCESSOR Service Fee percentage as follows: (Please circle preferred Payment Option)

Payment		Service Fee
Option	PROCESSOR will electronically send payment based on the schedule below equal to the net invoice amount for all invoices	Percentage
A	Four Week Pay – Payment will be sent approximately 20 - 21 business days after KHI invoice Processing Date	2.500% **
В	Two Week Pay – Payment will be sent approximately 10 - 11 business days after KHI invoice Processing Date	3.000% **
С	One Week Pay – Payment will be sent approximately 5 - 6 business days after KHI invoice Processing Date	3.500% **
D	Three Day Pay – Payment will be sent approximately 3 - 4 business days after KHI invoice Processing Date	3.965% **

PROCESSOR offers various Electronic invoice submission options at NO ADDITIONAL Fee to the MERCHANT. Benefits include secure, Level III authorization along with a reduction in processing errors and faster MERCHANT payments. Options include: Web-based and Mobile-based POS (Point of Sale) applications. ** Note: an additional fee of \$40 (per invoice) will be assessed to MERCHANT for any invoice submitted via Manual methods, which include the following: 1) Mail 2) Courier 3) Fax or 4) Email. In order to allow MERCHANT a reasonable time to adopt electronic invoice submission methods, PROCESSOR will not apply the manual invoice fee until six months after the date MERCHANT executes this Merchant Agreement.

The above selected Payment Option and corresponding Service Fee Percentages shall remain in effect until the date that PROCESSOR receives and accepts the MERCHANTS's signed written instrument selecting a new Payment Option and corresponding Service Fee percentages being effective for all PROCESSOR payments made to the MERCHANT on and after such date of receipt and acceptance.

B. PROCESSOR AGREES TO:

- 1. Make payments to the MERCHANT in accordance with Payment Option selected by MERCHANT less the amounts due PROCESSOR per Payment Option,
- 2. Provide MERCHANT operating guidance, which outlines procedures and purchase policies, authorized products/services, invoice and payment information and any other written materials which PROCESSOR determines that the MERCHANT will require to fulfill MERCHANTS obligations under this agreement. The AIR Card® Acceptance & Operating Procedures shall be provided to MERCHANT by PROCESSOR.
- 3. Keep confidential all proprietary or confidential information or data of MERCHANT received from MERCHANT or otherwise obtained by PROCESSOR in the course of performing this Agreement. Such information or data shall be used by PROECESSOR solely for the purpose of performing its obligations under this Agreement or in the course of fulfilling its obligations as PROCESSOR for of the AIR Card®. PROCESSOR shall not disclose such information to any third party, including but not limited to affiliates of PROCESSOR. Notwithstanding the foregoing, PROCESSOR shall be permitted to make disclosures to the U.S. Government required in the course of fulfilling its obligations as PROCESSOR of the AIR Card® and disclosures required by law, regulation or any court of competent jurisdiction.

This agreement: (i) is strictly between the PROCESSOR and MERCHANT for non-contract fuel and/or ground services and has no impact on any current into-plane contract the MERCHANT may have with the US Government; (ii) may be terminated at any time by either PROECESSOR or MERCHANT upon written notice to the other party; (iii) shall be automatically terminated upon change in control, ownership or management of MERCHANT; (iv) may not be assigned by MERCHANT without the written consent of PROECSSOR, and (v) shall be governed and construed in accordance with the laws of the State of Kansas and subject to the jurisdiction of the courts of the State of Kansas situated in Johnson County.

Executed this day of	, 20	Accepted this day of	, 20
	(MERCHANT)	Kropp Holdings Inc	(PROCESSOR)
	(PRINTED NAME)	72	(PRINTED NAME)
<u>a</u>	(SIGNATURE)	8 	(SIGNATURE)
	(TITLE)		(TITLE)





PAYMENT SELECTION AND BANKING INFORMATION

This document authorizes Kropp Holdings, Inc. (KHI) or its affiliate to:

- Deposit funds into the undersigned's bank account by means of Electronic Funds Transfer for payment of goods and services processed by the KHI AIR Card® Processing Center.
- Withhold processing fees as selected below from the reimbursement of invoice payments.
- Initiate funds withdrawal for adjustments or offsets in the event of billing errors or chargebacks. Disputes regarding deposits should be made within fifteen days of issuance of the account statement. Disputes regarding charges should be made within forty-five after the account was charged.

This authorization will remain in effect until notification in writing of cancellation.

Below is the Processing Fee Schedule outlined in the KHI Merchant Agreement and Operating Procedures. The selected fee option will be withheld from all payments made directly from KHI. Please select one.								
Option A: Four Week Pay at 2.500% - Payment will be sent approximately 20-21 business days after the KHI processing date.								
Option B: Two Week Pay at 3.000% - Pa	yment will be sent app	roximately	10-11 busine	ess days after the KHI processing date.				
Option C: One Week Pay at 3.500% - Pag	yment will be sent app	roximately	5-6 business	s days after the KHI processing date.				
Option D: Three Day Pay at 3.965% - Pay	yment will be sent app	roximately	3-4 business	s days after the KHI processing date.				
*An additional fee of \$40 (per invoice) will be a First time payments	ssessed for any invoice s may incur an addition 2 t							
Bank Details for Payment:								
Bank Name:								
City:	Postal Code	:		Country:				
IBAN:	•		Preferred C	urrency:				
ABA/SWIFT:		Acct Nur	nber:	1				
Authorized by:								
Name:								
Company:								
Address:								
City:	Postal Code:	Country:						
Email:								
Phone: Fax:								
Signature Date								

PLEASE SEND A COPY OF A VOIDED CHECK WHEN RETURNING THIS FORM.





AIR Card® Acceptance Operating **Procedures**

Important Contact Information

Voice Authorization:

+1.855.319.0570 US and Canada

Support Phone:

+1.913.217.9374 outside US and Canada +1.866.308.3811 US and Canada

+1.913,217.9303 outside US and Canada

Support E-Mail: Support Fax:

merchant-support@aircardsys.com

+1.913,217.9358



Submit your manual invoices to:

By e-mail:

invoices@aircardsys.com

By fax:

+1.913.217.9308

By mail:

AIR Card® Operations, 8650 College Blvd., Overland Park, KS 66210 USA

Acceptance Policies – Revised – April - 2016

AGREEMENT

As an authorized Merchant for Kropp Holdings Inc. ("KHI") you agree to sell merchandise, products or services to authorized holders of the U.S. Government AIR Card®. All AIR Card® sales must be serviced, processed, and handled by KHI or its subcontractor, Multi Service Technology Services, and by no other party. The Merchant agrees that they will not enter into or attempt to enter into any agreement with any other party to allow such other party to service, process, or handle transactions generated by use of KHI cards. If KHI, in its sole discretion, makes an exception to a requirement of processing a transaction, it does not negate any clause in these Operating Procedures for any other transactions.

SUBMISSION OF INVOICE OR ACCEPTANCE OF AN U.S. GOVERNMENT AIR CARD® FOR PAYMENT CONSTITUTES ACCEPTANCE OF THE TERMS AND CONDITIONS OF THE KHI MERCHANT AGREEMENT.

KHI processes and reimburses the Merchant for the transaction in accordance with the terms and conditions in these Operating Procedures and established Merchant Agreement. In both types of transactions, all Rules, Regulations, Terms and Conditions in these Operating Procedures must be followed in order to obtain reimbursement. Merchants are not authorized to charge any fee to the cardholder except as outlined in Appendix A of these operating procedures.

**** DLA ENERGY ONLY ALLOWS CERTAIN PRODUCTS TO BE CHARGED ON THE U.S. GOVERNMENT AIR CARD®. ONLY THOSE PRODUCTS LISTED ON APPENDIX A OF THESE OPERATING PROCEDURES ARE ALLOWED. WORDING ON THE INVOICE MUST MATCH THE DLA APPROVED PRODUCT CODE LIST OR THE TRANSACTION WILL BE REJECTED AND NOT PAID. IT IS THE MERCHANTS RESPONSIBILITY FOR HAVING THE MOST CURRENT LIST OF APPROVED PRODUCTS WHICH CAN BE DOWNLOADED FROM www.khinc.com/air-card ****

PAYMENT SCHEDULES

KHI will reimburse Merchant in accordance with the terms and conditions as agreed upon in the Merchant Agreement. KHI will have the right to offset outstanding amounts owed by Merchant on the Merchant's account against any sums payable to the Merchant by KHI, or its affiliates, under any contract, agreement, or arrangement. For payment inquiries, please contact Support at the numbers listed above.





TAIL NUMBER (AIRCRAFT REGISTRATION) VERIFICATION

If a tail number is embossed on the U.S. Government AIR Card®, verify that it corresponds to that of the aircraft for which the purchase is being made. If a suspicious situation arises, please contact Support before any further action is taken. The tail number associated with the purchase must be included with all transactions submitted for processing.

ANY AIRCRAFT CARDS

KHI does issue cards embossed with "ANY ACFT" upon request. If "ANY ACFT" appears on the U.S. Government AIR Card®, positively identify the cardholder as being an employee of the respective government or company. Please record the aircraft tail number/side number or Navy Identification Code (US Navy Only)/Serial number (no greater than 10 characters) on the invoice or input it into the electronic point of sale processing system.

RULES AND REGULATIONS

- 1. VALID CARD AND AUTHORIZAION: The Merchant will accept all valid U.S. Government AIR Cards® when properly presented as payment from cardholders for authorized purchases. All U.S. Government AIR Card® purchases must be authorized prior to invoice submission. Authorization must be obtained by utilizing one of the authorization methods provided by KHI or by calling the number listed on the first page.
- 2. SUBMISSION OF INVOICE: Merchants may submit invoices for U.S. Government AIR Cards® via various methods:
 - A. Electronic (certified and approved by KHI) Point of Sale (POS) device, FBO Software or via electronic file settlement.
 - B. Manual Mail or courier, fax, or email.

Refer to the information at the top of this document for manual submission. All invoices must be submitted within 30 (thirty) days after the Date of Delivery, KHI reserves the right to deny processing for any transactions received after this time.

Merchants may also submit invoices or batches of deliveries for U.S. Government AIR Card® transactions via electronic file settlement through the KHI secure gateway. Many companies utilize accounting software that allows transaction data to be exported into a prescribed file format. The KHI settlement and transaction processing system supports several of these file formats—IATA and XML for example. Electronic file submission allows for faster, more accurate processing, resulting in quicker payment to the merchant. For further information regarding electronic file submission, please contact our customer service team 7x24.

- 3. COMPLETION OF INVOICE: The Merchant must complete every invoice in full. Non-fuel items may be entered on the same transaction with fuel. The cardholder's copy of each invoice or signed fuel delivery ticket must be delivered to the cardholder after the invoice or delivery ticket is completed. Applicable taxes must be separately stated (example FET, State Tax, VAT, GST, Sales Tax must each be reported on a separate line) as they are applied to individual product items. No more than one fuel product may be on a single invoice.
- a. For manual Merchants, imprint the U.S. Government AIR Card® onto the invoice or delivery ticket, or enter the full card number and tail number onto the invoice or the delivery ticket. U.S. Government AIR Cards® begin with 789682. When an authorization code is required (see instructions above) be sure to enter the authorization code on each invoice. Submit invoice copies to KHI within 30 (thirty) days of purchase (as evidenced by the postmark date, faxed receipt date or e-mail receipt date) or KHI cannot guarantee payment to you or your credit card service provider.

The minimum information required for transactions to be considered complete:

- 1. Merchant number or merchant identifying information
- 2. ICAO
- 3. Card number
- 4. Tail number/side number or Navy unit identification code (US Navy Only)/serial number
- 5. Date and time of delivery
- 6. Invoice date
- 7. Product or detailed description of purchases (Listed as separate line items)
- 8. Fuel: net quantity of fuel in US gallons or liters with unit of measure clearly identified
- 9. Price charged per unit
- 10: Cost per unit for ground services and handling
- 11. Pilot's signature and printed name
- 12. Signature of fueling operator
- 13. Cardholder name (e.g. unit or squadron name)
- 14. Authorization code (see authorization code section)





- 15. Invoice number and/or delivery ticket number
- 16. Card expiration date
- 17. Unit (price multiplied by quantity) must equal total per line item
- 18. All units of measure and currency must be properly displayed
- 19. Invoices must be submitted in the currency in which the Merchant agreed to be paid
- 20. Taxes applicable to each product or service purchased
- b. For electronic U.S. Government AIR Card® Merchants, the card must be swiped through an electronic magnetic card reader or entered manually on the electronic processing system provided by KHI or your fuel supplier for acceptance of the U.S. Government AIR Card®. Electronic Merchants should settle transactions to your processing center by 11:59 p.m. U.S. Central Standard Time on the day the transaction took place.
- c. While the U.S. Government AIR Card® may be used for both fuel and ground services, only specific aviation related ground services and products may be charged to the U.S. Government AIR Card®. A complete list of authorized ground services and products is located in Appendix A of these Operating Procedures and the most current version can always be downloaded at www.khinc.com/air-card. It is the merchant's responsibility to always be using the most current version. Invoices received with charges other than these authorized charges will be returned to the Merchant for correction and resubmission. Additionally, the bundling or packaging of ground services is not permitted and invoices reflecting packages will be returned to the Merchant for correction and resubmission.
- 4. THIRD PARTY MANAGEMENT AND RESPONSIBILITY: In the event that Merchant utilizes the services of a third party subcontractor, the Merchant will accept full responsibility in managing the subcontractor. The Merchant will ensure that said subcontractor adheres to the guidelines set forth in this document and provides the services represented by the Merchant. It is the Merchant's responsibility to manage their subcontractor to obtain invoicing information and to then render an invoice to KHI for DLA approved services rendered. Should a dispute arise, KHI will work to resolve the situation with the Merchant directly and will not attempt to remediate with a subcontractor.
- 5. CHARGEBACKS AND REJECTED TRANSACTIONS: Merchants will not receive payment from KHI or may be subject to chargebacks or rejections for any invoices that do not comply with these Operating Procedures. KHI will chargeback, or reject, any U.S. Government AIR Card® transaction to a Merchant where the Merchant had previously billed the same transaction to the cardholder, or the Merchant fails to provide requested back-up information within three (3) United States business days. International merchants have up to fourteen (14) calendar days to submit requested back-up information. In the event that KHI receives an invoice that does not comply with these Operating Procedures, KHI may elect to bill the invoice and attempt to collect from the cardholder. If KHI, in its sole discretion, makes an exception to a requirement for particular transaction(s), it does not negate any clause in these Operating Procedures for all other transactions. KHI will not refund the Service Fee on any chargeback transaction. If such transaction is re-submitted, an additional Service Fee may apply.
- 6. CASH PAYMENTS: No Merchant will accept cash payments from cardholders with respect to charges made on U.S. Government AIR Cards®, and no cash advance will be paid by the Merchant to the cardholder for any U.S. Government AIR Card® transaction.
- 7. REVISIONS: KHI may revise these Operating Procedures at its option at any time, and any revisions will become effective seven (7) days after notice of such revisions to the Merchant. The Merchant will be deemed to have agreed to this and any future revisions by continued participation in the U.S. Government AIR Card® program after the effective date of the revisions.
- 8. AUDIT AND REVIEW OF PERFORMANCE: DLA-Energy and KHI have the right at all reasonable times and on reasonable notice in writing of at least fourteen (14) days to audit and inspect your systems, procedures, supporting documentation, financial and other books and records to the extent that they relate to your obligations under the related Merchant Agreement and Operating Procedures. Merchants are also required to respond to DLA-Energy or KHI surveys should the need arise.
- 9. GOVERNING LAW, JURISDICTION AND FORUM: These AIR Card® Operating Procedures will be governed under the laws of the State of Kansas. Each of the parties agrees to the exclusive jurisdiction and forum of the federal court sitting in Johnson County, Kansas, without regard to Kansas' conflict or choice of law principles, in any action or proceeding arising out of or relating to this Agreement; provided, however, for any matter or controversy not qualifying for federal subject matter jurisdiction, the exclusive jurisdiction and forum will be in the District Court of Johnson County, Kansas and each of the parties agrees that all claims in respect of the action or proceeding may be heard and determined in any such court and the parties hereto agree to such jurisdiction and forum. In recognition of the national and international nature of aviation and the necessity for legal certainty, predictability and convenience; upon reimbursement from KHI, Merchant irrevocably assigns to KHI all rights acquired by Merchant, including lien rights, resulting from transactions for fuel and services for which Merchant has received payment or reimbursement, to allow KHI to pursue payment from the account holder.
- 10. LIABILITY: The Merchant acknowledges that KHI and/or any of its affiliates are acting as a processor only and at no time does title or risk of loss for any product or service supplied pass to KHI. Any dispute arising under or about such a purchase is a matter between the Merchant and the account holder purchasing the product or service. Neither party will be liable to the other party under the KHI Merchant Agreement and Operating Procedures and all related documents for any indirect or consequential loss or damage (including loss of profits, business, contracts, anticipated savings, revenue or goodwill) suffered by the other party whether such loss is caused by that party's breach of its contractual obligations or by any tortious act or omission (including negligence) or in any other way.





11. INDEMNIFICATION: Except for Kropp Holdings Inc.'s willful misconduct, gross negligence or negligence, Merchant agrees to indemnify and hold harmless KHI, its officers, directors, employees, successors, assigns, subsidiaries, and affiliates from and against any and all losses, damages, costs, and expenses (including, without limitation, any reasonable attorneys' fees and court costs), liabilities, claims, settlements, and judgments arising out of (i) Merchant's or its employees' or agents' gross negligence, willful misconduct or negligence in the performance of its duty and obligation under the Merchant Agreement or Operating Procedures or related documents; (ii) the failure by Merchant or its employees or agents to properly comply with the terms of the Merchant Agreement or Operating Procedures or related documents; (iii) Merchant or its employees' or agents' errors or omissions regarding the subject matter hereof; or (iv) the sale of products or services to AIR Card® holders.

Except for Merchant's willful misconduct, gross negligence or negligence, KHI agrees to indemnify and hold harmless Merchant, its officers, directors, employees, successors, assigns, subsidiaries, and affiliates from and against any and all losses, damages, costs, and expenses (including, without limitation, any reasonable attorneys' fees and court costs), liabilities, claims, settlements, and judgments arising out of (i) KHI or its employees' or agents' gross negligence, willful misconduct or negligence in the performance of its duty and obligation under the Merchant Agreement or these Operating Procedures or related documents; (ii) the failure by KHI or its employees or agents to properly comply with the terms of the Merchant Agreement or these Operating Procedures or related documents; or (iii) KHI or its employees' or agents' errors or omissions regarding the subject matter hereof.

- 12. FORCE MAJEURE: Neither party will be liable to the other for failure to perform under the KHI Merchant Agreement or these Operations Procedures or related documents where such failure to perform is due to any natural disaster, fire, flood, storm, strike, labor unrest, acts of God, equipment or power interruptions (when not due to the negligence of the nonperforming party, its employees and contractors), interruptions in the telephone systems, failures in third-party computer software or hardware, or any cause beyond the non-performing party's reasonable control provided that written notice of such force majeure event is provided to the other party within ten (10) days of such event. However, in the event that any party declares force majeure and will be unable to recommence performance within sixty (60) days of the date of the onset of force majeure, the parties agree that they will meet and negotiate in good faith concerning acceptable solutions to the situation.
- 13. TAX EXEMPTION: The U.S. Government expects tax exempt status for Merchant transactions as a Merchant requirement for participation in the program. KHI will work with global merchants to obtain tax exemptions on behalf of the US Government. KHI will also work with the US Government to resolve such issues if they should arise.
- 14. DATA MAINTENANCE: The merchant is responsible and expected to maintain current price and contact data within the system via EAS or by contacting KHI's 7x24x365 Customer Service Team.

KHI DOES NOT GUARANTEE PAYMENT FOR INVOICES THAT FAIL TO MEET ANY OF THESE REQUIREMENT(S) SET FORTH





U.S. Government AIR Card® Authorized Fuel and Fuel Additive Products

The following authorized aviation fuel and additive products are permissible charges to the U.S. Government AIR Card®. The commercial receipt and invoice provided to the Ordering Official (pilot or aircrew) for signature shall contain, at a minimum, the requested authorized product, quantity and price. The merchant or Ordering Official are financially responsible when **UNAUTHORIZED** products are rendered or requested.

Fuel Products

- 1. Jet A
- 2. Jet A with Additive
- 3. Jet A1
- 4. Jet A1 with Additive
- 5. Jet B
- 6. Jet B with Additive
- 7. Jet Fuel Russian Commercial
- 8. JP-8
- 9. AVGAS

Fuel Additives

- 1. Corrosion Inhibitor
- 2. FSII
- 3. Prist
- 4. SDA
- 5. Anti-Ice

^{*}Merchant may deliver fuel products to customer's aircraft, vehicle(s) or bladder(s).



DEFENSE LOGISTICS AGENCY

U.S. Government AIR Card® Authorized Ancillary Services

The following authorized aviation ancillary services listed are permissible charges to the U.S. Government AIR Card®. The commercial receipt and invoice provided to the Ordering Official (pilot or aircrew) for signature shall contain, at a minimum, each requested authorized service, quantity and price. The Merchant and/or Ordering Official are financially responsible when **UNAUTHORIZED** services are invoiced.

Authorized Ground Service	Acceptable Terms for the Authorized Ground Service	Description of Authorized Ground Service			
ABO Aviator Breathing Oxygen	Liquid Oxygen, LOX, O2, Aviator Breathing Oxygen	O2 for pressurized aircraft			
Air Start External engine start, ASU		External engine start			
Aircraft Cleaning	Aircraft fleet service, Cabin cleaning	Clean the interior or exterior of the aircraft			
Aircraft Emissions		Charged per landing according to the amount of nitrogen oxide emitted.			
Aircraft Towing	Tow bar				
Airport Fee					
APU	Auxiliary power unit, ground power unit (GPU), generator, power cart,	Aircraft requires power			
Baggage Fee	Alternate power unit Baggage service, luggage				
Cargo Loading/Unloading	Porter, conveyor belt, loader, loading equipment, MDL (main deck loader), tractor, air bridge	Services charged to load or unload aircraft cargo			
Catering		ONLY AUTHORIZED for passenger flights for non-per diem passengers (food and non-alcoholic beverages)			
Chocks		Used to keep aircraft from moving on the ramp			
Communications	Phone, fax, internet	Cell phones MAY NOT be purchased using the AIR Card			
CAWI – Continuous Alcohol Water Injection	CAWI, Continuous alcohol water injection				
Crane Truck					
Crew Transportation	Ramp transport	Fee to transport aircrew to airport terminal. Transportation services such as taxi, car rental, bus, van, outside of the airport is NOT a valid AIR Card® charge.			
Customs	Immigration, VISA, Port health	Airport customs occurring at OConus commercial airports. Military may be exempt, check with your Service or State Department.			
De-fuel	Defuel, Defueling, De fuel	Ordering Official requests, fuel removed from the aircraft. Generally, the charge is \$0,33 per gallon. The ordering official may request a payment for the fuel offloaded.			
De-icing	Deice, Deicing, De-ice	Glycol used to de-ice an aircraft,			
Dispatch		Communication between airport ground crew and pilot			
Disposal Fee Disposal charge		Fee to dispose of spilled fuel, Fee applies to non-contract fuel and is a ground charge,			
Dolly	Baggage cart	Used to move cargo.			
Facility Fee					
Fire Truck	Fire car, fire brigade				
Flight Cancellation		A pre-arranged flight cancellation charge when the merchant already			
		obtained fuel and/or services in support of pre-arrangement.			



DEFENSE LOGISTICS AGENCY

Authorized Ground Service	Acceptable Terms for the Authorized Ground Service	Description of Authorized Ground Service
Flight Planning/Weather	Flight tracking, Meteo	
Fallow Me	Nose car, leading, aircraft guidance	Cart that directs the aircraft to the ramp, taxiway or back to runway.
Fork Lift		Handling aircraft cargo
Fumigation	Disinsection	Fumigate the aircraft
Hangar Rental		Charges not to exceed 5 days. If an extended arrangement is required, setup a contract with the merchant or use an alternate payment mechanism.
High Loader	Loader	Handling aircraft cargo
Hydraulic Fluid		
Ice		
Ladder	Stairs, Steps	
Landing Fee	Weight	Charge to an aircraft to land at an airport.
Lavatory Services	Latrine, toilet, toilet cart, water service	
Lighting		
Maintenance	Aircraft maintenance, labor	
Marshaling	Marshalling	Service crew directs the aircraft to a designated location on the airport.
Nitrogen		Used in aircraft tires
Noise Tax		Charged by the airport authority for aircraft noise or noise pollution
Oil		
Övertime	Call out, holiday, weekend	Fee charged when airport personnel support is required after normal business hours.
Parking Fee	Reposition, RON, overnight, mooring, stay over, ramp parking	Fee charged to park aircraft at airport, typically for several hours or overnight.
Passenger Fee	PAX	Typically, OConus airports charge a small fee based on the number of passengers onboard the aircraft.
Passenger Handling	PAX handling, PRM – passenger of reduced mobility	Fee charged to handle boarding document, check in. Should be a nominal fee.
Pilot Supplies	Charts, maps,	Fee charged should be a nominal fee.
Potable Water	Water, palletized water	Water for lavatory sinks for hand washing purposes.
Preheat	Heater	Charged to heat the aircraft before flight.
Push Back	Nose car, positioning	Charged to push an aircraft into a hanger or different section of the ramp.
Ramp Fee	Ramp handling, tarmac, apron,	Charged to aircraft for use of ramp
Re-service	Reservice	Charged to place de-fueled fuel back on aircraft.
Sampling Charge		Charge to sample the quality of non-contract commercial fuel.
Security Communication		Charge for security staff cell phone usage
Security Force Vehicle		Charge for securily forces guarding an aircraft and using the vehicle as the shed.



DEFENSE LOGISTICS AGENCY

Authorized Ground Service	Acceptable Terms for the Authorized Ground Service	Description of Authorized Ground Service
Security Services	Aircraft guarding, security escort service, security supervision	
Slot Time & Fees		Charged for slot time, typically at OCONUS high volume airports
Take Off	Departure	
Terminal Operations	Operations, terminal fee, flight services	
Tie Down		Securing aircraft to ramp (Typically overnight).
Touch and Go		Charge for aircraft to land and immediately take off. This is typically during a training exercise.
Trash Removal	Garbage, garbage removal, liter service, rubbish	
Vendor Admin Fee	Agent fee, administration fee, arrangement/coordination fee	Fee charged by third party agents that arrange ancillary services with the local airport vendor that will not accept the AIR Card®. The local airport vendor often requires immediate payment. NOTE: Prior to signature, ensure VAF amount is present on the delivery receipt or invoice and is a reasonable amount. Additional guidance is located on the DLA Energy website. (Limit one VAF per invoice)



MERCHANT AGREEMENT

THIS MERCHANT AGREEMENT, made and entered into as of the_day of	20	_(AGREEMENT) by and between
(MERCHANT) located in the state	of	and Kropp Holdings, Inc., a Maryland
corporation with an office at 8650 College Boulevard, Overland Park, Kansas 662	210 (PRO	CESSOR). In this agreement, KHI Card will refer
to any card issued, managed, or operated by KHI including but not limited to the	RESQ Ca	rd or any white-labeled card program.

A. MERCHANT AGREES:

- 1. To honor each valid KHI Card when presented by a holder thereof for the purchase of aviation related products and services (Merchandise).
- 2. To follow all procedures and purchase policies applicable to the purchase of Merchandise using an KHI Card, including but not limited to those relating to invoicing and transaction authorization.
- 3. To send PROCESSOR, at least weekly, the MERCHANT's Invoices representing all purchases made with the KHI Card.
- 4. To pay PROCESSOR the Service Fee in accordance with the Payment Option as selected in writing by MERCHANT. MERCHANT authorizes PROCESSOR to deduct and retain for its own account from each payment due to MERCHANT under the acceptable Payment Option the Service Fee arrived at by multiplying the percentage amounts corresponding to the Payment Option selected by MERCHANT times the total amount of each Invoice included in the PROCESSOR payment to MERCHANT.
- 5. If MERCHANT fails to properly authorize any KHI Card transaction, and such transaction is not an authorized transaction, MERCHANT shall not be entitled to payment for and PROCESSOR shall not be required to pay MERCHANT for such transaction.
- 6. Amounts representing Merchandise purchases not made in accordance with the KHI Card Operating Procedures will be rejected by PROCESSOR. If a transaction is paid and billed to a KHI Card holder, who subsequently rejects the transaction, this amount will be deducted from the next regular payment due to the MERCHANT.
- 7. PROCESSOR PAYMENT OPTION. MERCHANT hereby elects the Payment Option and corresponding PROCESSOR Service Fee percentage as follows: (Please circle preferred Payment Option)

Payment Option	PROCESSOR will electronically send payment based on the schedule below equal to the net invoice amount for all invoices	Service Fee Percentage
A	Four Week Pay – Payment will be sent approximately 20 - 21 business days after KHI invoice Processing Date	2.500% **
В	Two Week Pay – Payment will be sent approximately 10 - 11 business days after KHI invoice Processing Date	3.000% **
С	One Week Pay – Payment will be sent approximately 5 - 6 business days after KHI invoice Processing Date	3.500% **
D	Three Day Pay – Payment will be sent approximately 3 - 4 business days after KHI invoice Processing Date	3.965% **

PROCESSOR offers various Electronic invoice submission options at NO ADDITIONAL Fee to the MERCHANT. Benefits include secure, Level III authorization along with a reduction in processing errors and faster MERCHANT payments. Options include: Web-based and Mobile-based POS (Point of Sale) applications.

MERCHANT submitting any invoice via Manual methods, which include the following: 1) Mail 2) Courier 3) Fax or 4) Email will be subject to a 1% increase in merchant selected payment option processing fees. Processing fees are adjusted based on the payment option selected in the above table.

The above selected Payment Option and corresponding Service Fee Percentages shall remain in effect until the date that PROCESSOR receives and accepts the MERCHANTS's signed written instrument selecting a new Payment Option and corresponding Service Fee percentages being effective for all PROCESSOR payments made to the MERCHANT on and after such date of receipt and acceptance.

B. PROCESSOR AGREES TO:

- Make payments to the MERCHANT in accordance with Payment Option selected by MERCHANT less the amounts due PROCESSOR per Payment Option.
- Provide MERCHANT operating guidance, which outlines procedures and purchase policies, authorized products/services, invoice
 and payment information and any other written materials which PROCESSOR determines that the MERCHANT will require to
 fulfill MERCHANTS obligations under this agreement. The KHI Card Acceptance & Operating Procedures shall be provided to
 MERCHANT by PROCESSOR.



RESQ Card Operations | 8650 College Boulevard | Overland Park, Kansas 6621

Phone: +1 (877) 681-5151 | Fax: +1 (913)271-9358

merchant@resqcard.com | www.KHInc.com

Keep confidential all proprietary or confidential information or data of MERCHANT received from MERCHANT or otherwise obtained by PROCESSOR in the course of performing this Agreement. Such information or data shall be used by PROCEESSOR solely for the purpose of performing its obligations under this Agreement or in the course of fulfilling its obligations as PROCESSOR for of the KHI Card. PROCESSOR shall not disclose such information to any third party, including but not limited to affiliates of PROCESSOR...

This agreement: (i) is strictly between the PROCESSOR and MERCHANT; (ii) may be terminated at any time by either PROCESSOR or MERCHANT upon written notice to the other party; (iii) shall be automatically terminated upon change in control, ownership or management of MERCHANT; (iv) may not be assigned by MERCHANT without the written consent of PROCESSOR, and (v) shall be governed and construed in accordance with the laws of the State of Kansas and subject to the jurisdiction of the courts of the State of Kansas situated in Johnson County.

Executed thisday of	, 20	Accepted thisday of	, 20
:====	(MERCHANT)	Kropp Holdings Inc	(PROCESSOR)
t 	(PRINTED NAME)	-	(PRINTED NAME)
(=	(SIGNATURE)	-	(SIGNATURE)
	(TITLE)		(TITLE)





MERCHANT ENROLLMENT FORM

To ensure the quickest set up please make sure all fields marked with an ** are filled in as they are required for completion. If these are left blank the merchant sign up materials will be returned to you with the request that they be filled in. Merchant enrollment into the RESQ Card program will not progress until all required data has been provided.

filled in. Merchant enrollment into the	RESQ Care	d program will not pro	gress until all requin	ed da	ata has been provided.
Merchant Information					
** Company Name:	. N.:				
** Doing Business As (if applicable					
** Supplier (who supplies your pro	duct):				
Financial Office/Remittance A	ddrooo				
** Finance Manager:	luuress				
** Address:					
7 (441000)					
** City/State		** Postal Code:	*	* Co	untry:
** Email:			'		
** Phone:			Fax:		
Physical Address					
** Operations Manager:					
** Address:					
** City/State		** Postal Code:	*	* Co	untry:
** Email:		•	•		•
** Phone:			Fax:		
			*		
Parent Company (** if applica	ble)				
** Company Name:					
** Address:					
			[K		
** City/State		** Postal Code:	1 *	* Ca	untry:
** Email:		Posial Code.		<u> </u>	unitry.
** Phone:			Fax:		
T Hotie,			I ax.		
Natification Contests					
Notification Contacts	T				I
Communication	** Ema				** Phone
Fuel and or Handling Requests					
Tax Information					
In accordance with the laws of the United					
merchants based within the United States form is required. Your merchant account					
submitted.	1101 00	oopiotoa mitilout one t	o, alo poloti lollilo. I l	Jude	SOLOSE WITHOUT FORTH 18 TO DE
	Subatitutio-				
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PAYMENT SELECTION AND BANKING INFORMATION

This document authorizes Kropp Holdings, Inc. (KHI) or its affiliate to:

- Deposit funds into the undersigned's bank account by means of Electronic Funds Transfer for payment of goods and services processed by the KHI Card Processing Center.
- Withhold processing fees as selected below from the reimbursement of invoice payments.
- Initiate funds withdrawal for adjustments or offsets in the event of billing errors or chargebacks. Disputes regarding deposits should be made within fifteen days of issuance of the account statement. Disputes regarding charges should be made within forty-five after the account was charged.

This authorization will remain in effect until notification in writing of cancellation.

	low is the Processing Fee Schedule outlin I be withheld from all payments made direc			•	nt and Operat	ting Procedures. The selected fee option		
	Option A: Four Week Pay at 2.500% - Payment will be sent approximately 20-21 business days after the KHI processing date. Option B: Two Week Pay at 3.000% - Payment will be sent approximately 10-11 business days after the KHI processing date.							
	Ontion C: One Week Pay at 3 500% - Payment will be sent approximately 5-6 business days after the KHI processing date							
	Option D: Three Day Pay at 3.965% - Pa	ayment w	ill be sent appr	oximately	3-4 business	s days after the KHI processing date.		
ч	*MERCHANT submitting any invoice via Manual met	MERCHANT submitting any invoice via Manual methods, which include the following: 1) Mail 2) Courier 3) Fax or 4) Email will be subject to a 1%						
	increase in merchant selected payment option proce	ssing fees. F	Processing fees are	e adjusted ba	ased on the payr	ment option selected in the above table		
Bar	k Details for Payment:							
	nk Name:							
Cit	y:		Postal Code:			Country:		
IB/	AN:			Preferred Currency:				
AB	A/SWIFT:			Acct Number:				
Au	thorized by:							
Na	me:							
Co	mpany:							
Ad	dress:							
Cit	City: Postal Code:					Country:		
Em	ail:					•		
Ph	one:			Fax:				
			**					

PLEASE SEND A COPY OF A VOIDED CHECK WHEN RETURNING THIS FORM.

Signature



Date





RESQ Card Acceptance Operating Procedures

Revised: October 15, 2019



AGREEMENT

As an authorized Merchant for Kropp Holdings Inc. ("KHI"), you agree to sell merchandise, products or services to authorized holders of the RESQ Card. All RESQ Card sales must be serviced, processed, and handled by KHI or its authorized subcontractors. The Merchant agrees that they will not enter into or attempt to enter into any agreement with any other party to allow such other party to service, process, or handle transactions generated by use of KHI cards. If KHI, in its sole discretion, makes an exception to a requirement of processing a transaction, it does not negate any clause in these Operating Procedures for any other transactions.

SUBMISSION OF INVOICE OR ACCEPTANCE OF AN RESQ CARD FOR PAYMENT CONSTITUTES ACCEPTANCE OF THE TERMS AND CONDITIONS OF THE KHI MERCHANT AGREEMENT.

KHI processes and reimburses the Merchant for the transaction in accordance with the terms and conditions in these Operating Procedures and established Merchant Agreement. In both types of transactions, all Rules, Regulations, Terms and Conditions in these Operating Procedures must be followed in order to obtain reimbursement. Merchants are not authorized to charge any service fee to the cardholder.





PAYMENT SCHEDULES

KHI will reimburse Merchant in accordance with the terms and conditions as agreed upon in the Merchant Agreement. KHI will have the right to offset outstanding amounts owed by Merchant on the Merchant's account against any sums payable to the Merchant by KHI, or its affiliates, under any contract, agreement, or arrangement. For payment inquiries, please contact Support at the numbers listed above.

TAIL NUMBER (AIRCRAFT REGISTRATION) VERIFICATION

If a tail number is embossed on the RESQ Card, verify that it corresponds to that of the aircraft for which the purchase is being made. If a suspicious situation arises, please contact Support before any further action is taken. The tail number associated with the purchase must be included with all transactions submitted for processing.

ANY AIRCRAFT CARDS

KHI does issue cards embossed with "ANY ACFT" upon request. If "ANY ACFT" appears on the RESQ Card, positively identify the cardholder as being an employee of the respective government or company. Please record the aircraft tail number/side number on the invoice or input it into the electronic point of sale processing system. If needed, KHI will also provide Into-Truck cards upon request.

CONTACT INFORMATION

Important Contact Information:	Voice Au	thorizations: (855) 319-0570
	24x7 Support : (877) 681-5151	
	Support I	Email: merchant@RESQCard.com
	Fax: (913) 217-9358
Submit Manual Invoices to:	By e-mail: invoices@RESQCard.com	
	By fax:	(913) 217-9308
	By mail:	RESQ Card Operations
	_	8650 College Blvd.
		Overland Park, KS 66210 USA





RULES AND REGULATIONS

- 1. **VALID CARD AND AUTHORIZAION**: The Merchant will accept all valid RESQ Cards when properly presented as payment from cardholders for authorized purchases. All RESQ Card purchases must be authorized prior to invoice submission. Authorization must be obtained by utilizing one of the authorization methods provided by KHI or by calling the number listed on the first page. RESQ Cards will be accepted at select unattended pumps. Signatures are not required for these transactions.
- 2. SUBMISSION OF INVOICE: Methods Merchants may submit invoices for RESQ Card:
 - A. **Electronic** Point of Sale (POS) device, FBO Software or via electronic file settlement.
 - B. **Manual** Mail or courier, fax, or email. Manual transactions are subject to additional processing fees assessed upon processing and based upon reimbursement terms selected in the signed Merchant Processing Agreement.

Refer to the information at the top of this document for manual submission. All invoices must be submitted within 30 (thirty) days after the date of delivery.

Merchants may also submit invoices or batches of deliveries for RESQ Card transactions via electronic file settlement through the KHI secure gateway. Many companies utilize accounting software that allows transaction data to be exported into a prescribed file format. The KHI settlement and transaction processing system supports several of these file formats—IATA and XML for example. Electronic file submission allows for faster, more accurate processing, resulting in quicker payment to the merchant. For further information regarding electronic file submission, please contact our customer service team 7x24.

3. **COMPLETION OF INVOICE:** The Merchant must complete every invoice in full. Non-fuel items may be entered on the same transaction with fuel. The cardholder's copy of each invoice or signed fuel delivery ticket must be delivered to the cardholder after the invoice or delivery ticket is completed. Applicable taxes must be separately stated (example - FET, State Tax, VAT, GST, Sales Tax must each be reported on a separate line) as they are applied to individual product items. No more than one fuel product may be on a single invoice.





- A. For manual Merchants, imprint the RESQ Card onto the invoice or delivery ticket, or enter the full card number and tail number onto the invoice or the delivery ticket. RESQ Cards begin with 78250600. When an authorization code is required, be sure to enter the authorization code on each invoice. The Voice Authorization number is listed on page 2.
- B. Submit invoice copies to KHI within 30 (thirty) days of purchase (as evidenced by the postmark date, faxed receipt date or e-mail receipt date) or KHI cannot guarantee payment to you or your credit card service provider.

The minimum information required for transactions to be considered complete:

- 1. Merchant number or merchant identifying information
- 2. ICAO
- Card number
- 4. Tail number/side number
- 5. Date and time of delivery
- 6. Invoice date
- 7. Product or detailed description of purchases (Listed as separate line items)
- 8. Products: net quantity of product with correct unit of measure clearly identified
- 9. Price charged per unit
- 10. Pilot's signature and printed name if submitting manual tickets
- 11. Signature of fueling operator if submitting manual tickets
- 12. Cardholder name if submitting manual tickets
- 13. Authorization code (see authorization code section)
- 14. Invoice number and/or delivery ticket number
- 15. Card expiration date
- 16. All units of measure and currency must be properly displayed
- 17. Invoices must be submitted in the USD
- 18. Taxes applicable to each product or service purchased
- b. For electronic RESQ Card Merchants, the card must be swiped through an electronic





magnetic card reader or entered manually on the electronic processing system provided by KHI or your fuel supplier for acceptance of the RESQ Card. Electronic Merchants should settle transactions to your processing center by 11:59 p.m. U.S. Central Standard Time on the day the transaction took place.

- c. While the RESQ Card may be used for both fuel and ground services, only specific aviation related ground services and products may be charged to the RESQ Card. A complete list of authorized ground services and products is located in Appendix A of these Operating Procedures. Invoices received with charges other than these authorized charges will be returned to the Merchant for correction and resubmission. Additionally, the bundling or packaging of ground services is not permitted and invoices reflecting packages will be returned to the Merchant for correction and resubmission.
- d. Merchants have the flexibility to offer First Responders discounted fuel pricing equivalent to what would be known within the aviation industry as "contract fuel pricing". To offer any discounted pricing, please refer to software or Point of Sale system instructions. If utilizing AvPOS as the software solution, KHI's support team is available to assist.
- 4. THIRD PARTY MANAGEMENT AND RESPONSIBILITY: In the event that Merchant utilizes the services of a third-party subcontractor, the Merchant will accept full responsibility in managing the subcontractor. The Merchant will ensure that said subcontractor adheres to the guidelines set forth in this document and provides the services represented by the Merchant. It is the Merchant's responsibility to manage their subcontractor to obtain invoicing information and to then render an invoice to KHI for approved services rendered. Should a dispute arise, KHI will work to resolve the situation with the Merchant directly and will not attempt to remediate with a subcontractor.
- 5. CHARGEBACKS AND REJECTED TRANSACTIONS: Merchants will not receive payment from KHI or may be subject to chargebacks or rejections for any invoices that do not comply with these Operating Procedures. KHI will chargeback, or reject, any RESQ Card transaction to a Merchant where the Merchant had previously billed the same transaction to the cardholder, or the Merchant fails to provide requested back-up information within three United States business days. International





merchants have up to 14 days to submit requested back-up information. If KHI receives an invoice that does not comply with these Operating Procedures, KHI may elect to bill the invoice and attempt to collect from the cardholder. If KHI, in its sole discretion, makes an exception to a requirement for particular transaction(s), it does not negate any clause in these Operating Procedures for all other transactions.

- 6. **CASH PAYMENTS**: No Merchant will accept cash payments from cardholders with respect to charges made on RESQ Card, and no cash advance will be paid by the Merchant to the cardholder for any RESQ Card transaction.
- 7. **REVISIONS**: KHI may revise these Operating Procedures at its option at any time, and any revisions will become effective seven (7) days after notice of such revisions to the Merchant. The Merchant will be deemed to have agreed to this and any future revisions by continued participation in the RESQ Card program after the effective date of the revisions.
- 8. GOVERNING LAW, JURISDICTION AND FORUM: These RESQ Card Operating Procedures will be governed under the laws of the State of Kansas. Each of the parties agrees to the exclusive jurisdiction and forum of the federal court sitting in Johnson County, Kansas, without regard to Kansas' conflict or choice of law principles, in any action or proceeding arising out of or relating to this Agreement; provided, however, for any matter or controversy not qualifying for federal subject matter jurisdiction, the exclusive jurisdiction and forum will be in the District Court of Kansas and each of the parties agrees that all claims in respect of the action or proceeding may be heard and determined in any such court and the parties hereto agree to such jurisdiction and forum. In recognition of the national and international nature of aviation and the necessity for legal certainty, predictability and convenience; upon reimbursement from KHI, Merchant irrevocably assigns to KHI all rights acquired by Merchant, including lien rights, resulting from transactions for fuel and services for which Merchant has received payment or reimbursement, to allow KHI to pursue payment from the account holder.
- 9. **LIABILITY**: The Merchant acknowledges that KHI and/or any of its affiliates are acting as a processor only and at no time does title or risk of loss for any product or service supplied pass to KHI. Any dispute arising under or about such a purchase is a matter between the Merchant and the account





holder purchasing the product or service. Neither party will be liable to the other party under the KHI Merchant Agreement and Operating Procedures and all related documents for any indirect or consequential loss or damage (including loss of profits, business, contracts, anticipated savings, revenue or goodwill) suffered by the other party whether such loss is caused by that party's breach of its contractual obligations or by any tortious act or omission (including negligence) or in any other way.

10. **INDEMNIFICATION**: Except for Kropp Holdings Inc.'s willful misconduct, gross negligence or negligence, Merchant agrees to indemnify and hold harmless KHI, its officers, directors, employees, successors, assigns, subsidiaries, and affiliates from and against any and all losses, damages, costs, and expenses (including, without limitation, any reasonable attorneys' fees and court costs), liabilities, claims, settlements, and judgments arising out of (i) Merchant's or its employees' or agents' gross negligence, willful misconduct or negligence in the performance of its duty and obligation under the Merchant Agreement or Operating Procedures or related documents; (ii) the failure by Merchant or its employees or agents to properly comply with the terms of the Merchant Agreement or Operating Procedures or related documents; (iii) Merchant or its employees' or agents' errors or omissions regarding the subject matter hereof; or (iv) the sale of products or services to RESQ Card holders.

Except for Merchant's willful misconduct, gross negligence or negligence, KHI agrees to indemnify and hold harmless Merchant, its officers, directors, employees, successors, assigns, subsidiaries, and affiliates from and against any and all losses, damages, costs, and expenses (including, without limitation, any reasonable attorneys' fees and court costs), liabilities, claims, settlements, and judgments arising out of (i) KHI or its employees' or agents' gross negligence, willful misconduct or negligence in the performance of its duty and obligation under the Merchant Agreement or these Operating Procedures or related documents; (ii) the failure by KHI or its employees or agents to properly comply with the terms of the Merchant Agreement or these Operating Procedures or related documents; or (iii) KHI or its employees' or agents' errors or omissions regarding the subject matter hereof.

11. **FORCE MAJEURE**: Neither party will be liable to the other for failure to perform under the KHI Merchant Agreement or these Operations Procedures or related documents where such failure to perform is due to any natural disaster, fire, flood, storm, strike, labor unrest, acts of God, equipment or





power interruptions (when not due to the negligence of the nonperforming party, its employees and contractors), interruptions in the telephone systems, failures in third-party computer software or hardware, or any cause beyond the non-performing party's reasonable control provided that written notice of such force majeure event is provided to the other party within ten (10) days of such event. However, in the event that any party declares force majeure and will be unable to recommence performance within sixty (60) days of the date of the onset of force majeure, the parties agree that they will meet and negotiate in good faith concerning acceptable solutions to the situation.

- 12. **TAX EXEMPTION**: It is the sole responsibility of the Merchant to verify that correct tax applications are incorporated in all transactions including tax exemption of the Card Holder. Under no circumstances will KHI have any responsibility or liability to Merchant with respect to the calculation, billing, or collection of applicable taxes.
- 13. **DATA MAINTENANCE**: The merchant is responsible and expected to maintain current contact data within the RESQ Card system or by contacting KHI's 7x24x365 Customer Service Team by calling 877-681-5151 or emailing merchant@resqcard.com.



Agenda Item 7.d.i.

March 30, 2022

Prepared by Greg Collins, Assistant Director

Nancy Warring, Planner II

Community Development

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Consider and take action on a Surveyor's Certificate and Correction of the Plat of Cunningham Addition to the City of Bartlesville, Washington County, Oklahoma.

Attachments: Exhibit B: Cunningham Addition Plat

Exhibit C: Site Development Plan and Revised Site Development Plan

Exhibit D: Tractor Supply Approval Letter

Exhibit E: Certification of Registered Land Surveyor and Correction of Plat

II. STAFF COMMENTS AND ANALYSIS

Applicant	Clay Fielder of Fielder Land Surveying on behalf of Richard Smith
Requested Action Approval of a Surveyor's Certificate and Correction of the Plat of Cunningham Addition to the City of Bartlesville, Washington Count Oklahoma	
Location	3605 SE Rice Creek Road Lot 2, Cunningham Addition



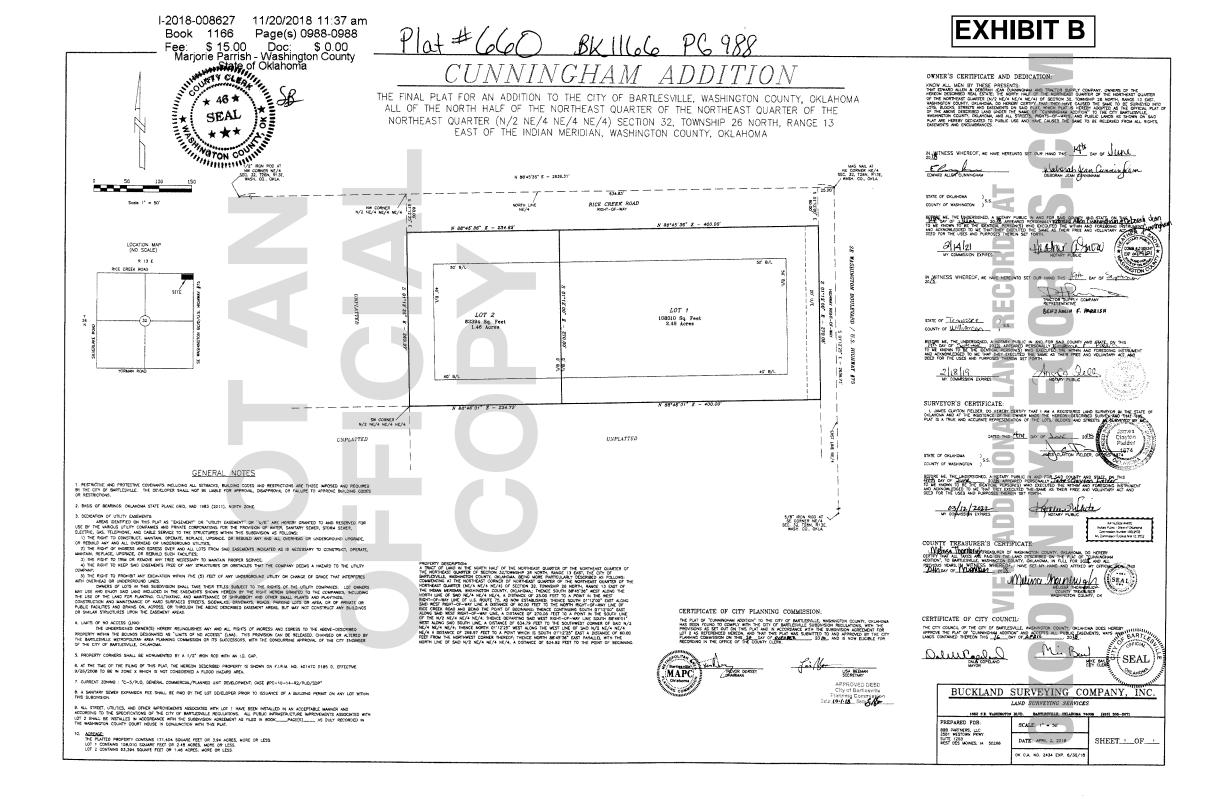
In 2010, 7.5 acres, including this property, was annexed into the city and rezoned from Residential Agriculture to C-5/PUD to allow the development of the Tractor Supply store and future development of other commercial uses. In 2018, the east 3.94 acres, which consisted of the Tractor Supply property and Richard Smith's property, was platted as two commercial lots known as Cunningham Addition. See the plat attached as Exhibit B.

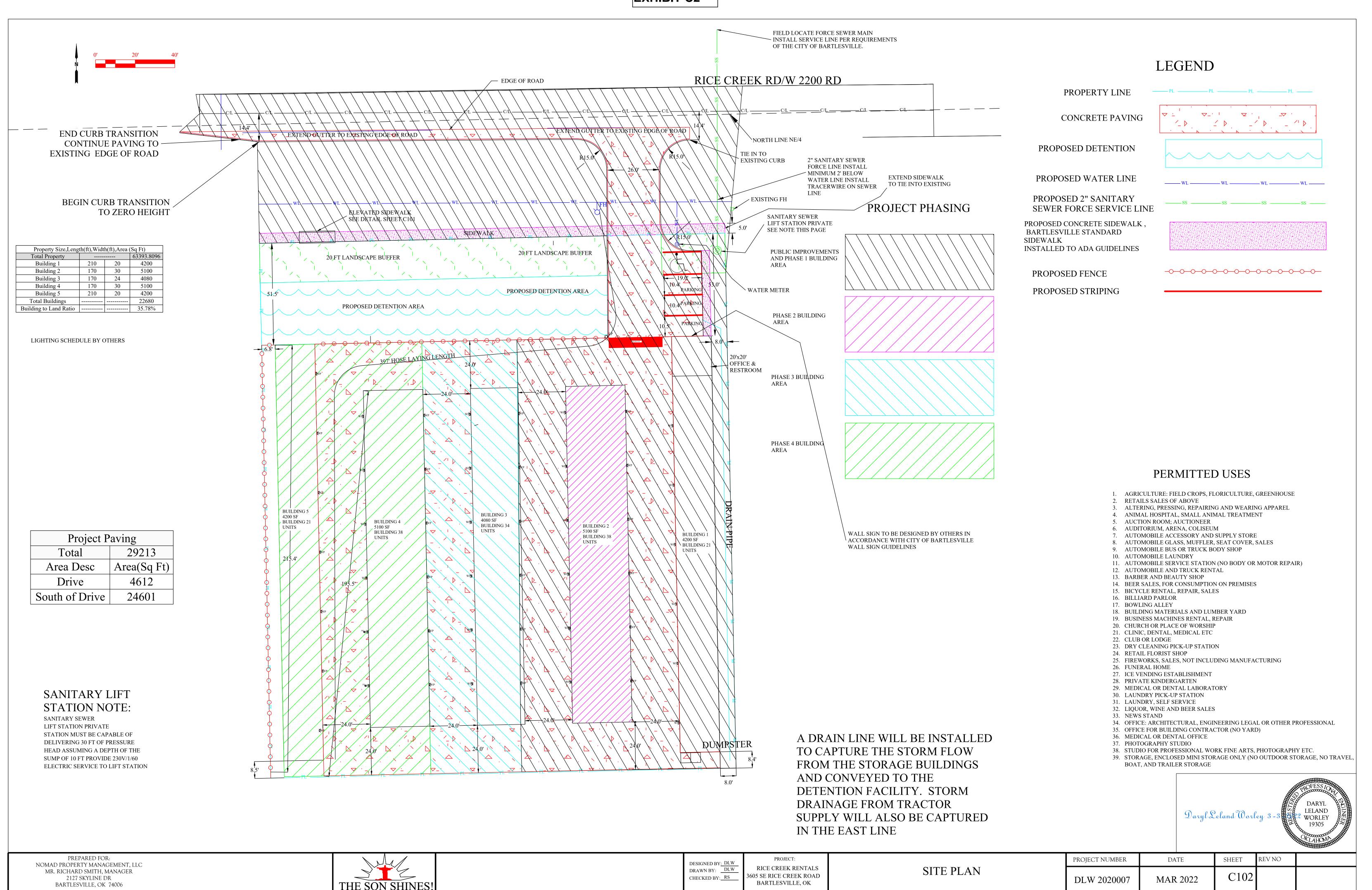
Last year, Mr. Smith received conditional approval of a PUD Amendment and Site Development Plan to allow the development of mini storage buildings on Lot 2 of Cunningham Addition (Case No. RZ-0621-0009 & 0010) (July 27, 2021). The Site Development Plan for the development called for lesser building setbacks than the platted build lines set forth on the plat for Cunningham Addition: 6 feet from the west lot line and 8.4 to 8.5 feet from the south lot line. The Site Development Plan was conditionally approved by Planning Commission. A revised Site Development Plan was submitted in March 2022 by the landowner's civil engineer. Both are attached as Exhibit C. Mr. Smith was required to provide a letter from Tractor Supply, who is the other property owner on the plat, stating approval of the lesser setbacks. The letter is attached as Exhibit D.

In order to legally document the lesser building setbacks, a certified Correction of Plat must be approved by the City Council and filed with the Washington County Clerk. A certified Correction of Plat, attached as Exhibit E, has been prepared by James C. Fielder, the registered land surveyor who prepared the Cunningham Addition final plat.

III. RECOMMENDED ACTION

The Planning Commission considered the Surveyor's Certificate and Correction of Plat at its meeting on March 22, 2022 and recommended approval of that document. The Council is requested to take final action at its regular meeting on Monday, April 4, 2022.









Via email: richardtomassmith@gmail.com

October 29, 2020

Richard Smith 2127 Skyline Drive Bartlesville, OK 74006

Re: Property located adjacent to #1520-Tractor Supply Company, 3403 SE Washington Blvd, Bartlesville OK, Plat #660 BK1166 Pg988 – Lot 2, Cunningham Addition (the "Plat") – Variance Request for Consent

Dear Mr. Smith:

Please be advised that Tractor Supply Company does not object to a variance being granted to you for the purpose of changing the building setbacks of the property depicted in the below image of the Plat as Lot 2 of the Cunningham Addition to allow for a zero foot (0') building setback for only the Western and Southern boundaries. The Eastern and Northern setback requirements will remain unchanged.

If you have any questions or need anything further in support of your request for a variance, please let me know.

Regards,

Valerie Jacobs

Director, Lease Administration TRACTOR SUPPLY COMPANY

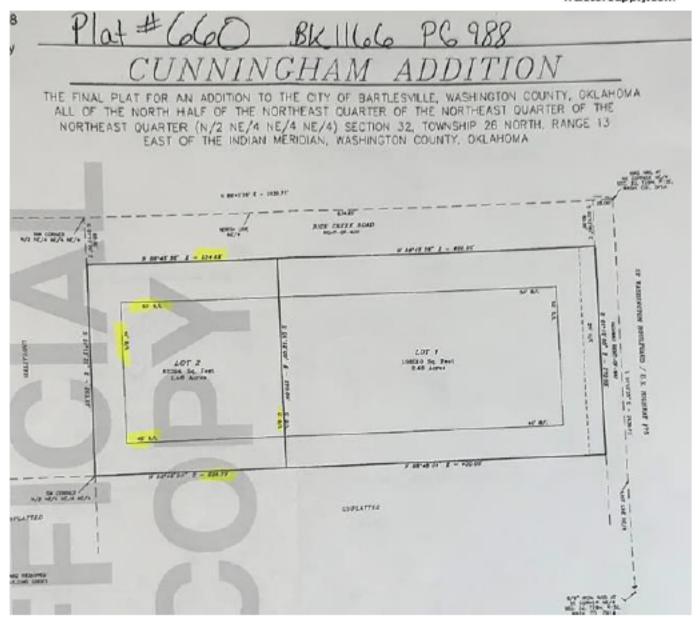
Real Estate Department

Valerie L Jacobs

615-440-4863

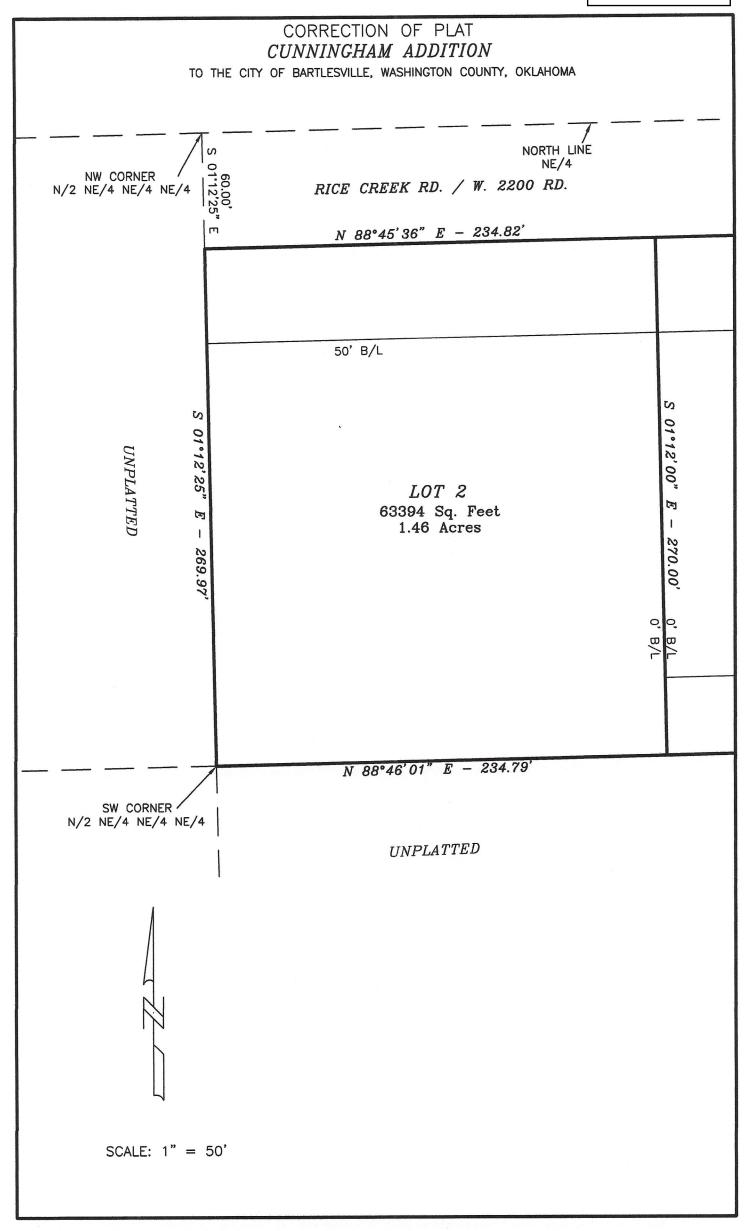
vjacobs@tractorsupply.com





CERTIFICATION OF REGISTERED LAND SURVEYOR CORRECTION OF PLAT

	STATE OF OKLAHOMA))S.S.
	COUNTY OF WASHINGTON)
1.	THE UNDERSIGNED, JAMES C. FIELDER, THE LICENSED PROFESSIONAL LAND SURVEYOR WHO EXECUTED THE SUBDIVISION PLAT OF CUNNINGHAM ADDITION, AN ADDITION TO THE CITY OF BARTLESVILLE, WASHINGTON COUNTY, OKLAHOMA, CERTIFIES THAT SAID SUBDIVISION PLAT WAS DULY FILED AND RECORDED AS PLAT #660, IN BOOK 1166, ON PAGE 988 OF THE RECORDS IN THE OFFICE OF THE COUNTY CLERK OF WASHINGTON COUNTY, OKLAHOMA.
2.	I, JAMES C. FIELDER, HEREBY CERTIFY THAT SAID SUBDIVISION PLAT IS BEING CORRECTED TO REFLECT THE FOLLOWING CHANGES: THE SIDE (WEST) BUILDING LINE SETBACK AND REAR (SOUTH) BUILDING LINE SETBACK FOR LOT 2, CUNNINGHAM ADDITION, STATED ON THE FACE OF THE SUBDIVISION PLAT ARE SHOWN TO BE 40 FEET. AT THE INSISTENCE OF THE OWNER, THE SIDE (WEST) BUILDING LINE SETBACK AND THE REAR (SOUTH BUILDING LINE SETBACK SHOULD BE EXTENDED TO THE WEST LOT LINE.
3.	FOR CURRENT BUILDING LINE, SETBACK AND OTHER ZONING AND BULK REGULATIONS THAT APPLY TO THIS PROPERTY, REFER TO THE CITY OF BARTLESVILLE'S ZONING REGULATIONS AND THE CURRENT APPROVED PLANNED UNIT DEVELOPMENT AMENDMENT AND SITE DEVELOPMENT PLAN.
	THIS REVISION IS HEREBY AMENDED AND CORRECTED BY THIS CERTIFICATE PURSUANT TO THE PROVISIONS OF SECTION 41-115 OF TITLE 11 OF THE OKLAHOMA STATUTES.
	DATED THIS 17TH DAY OF FEBRUARY, 2022.
	JAMES C. FIELDER, PLS #1674 James Clayton Fielder 1674 2/17/27 0
	STATE OF OKLAHOMA))S.S.
	COUNTY OF WASHINGTON)
	BEFORE ME, THE UNDERSIGNED NOTARY PUBLIC, IN AND FOR SAID COUNTY AND STATE, ON THIS 17TH DAY OF FEBRUARY, 2022, PERSONALLY APPEARED JAMES C. FIELDER, TO ME KNOWN TO BE THE IDENTICAL PERSON WHO EXECUTED THE WITHIN AND FOREGOING INSTRUMENT AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME AS HIS FREE AND VOLUNTARY ACT AND DEED FOR THE USES AND PURPOSES HEREIN SET FORTH.
	GIVEN UNDER MY HAND AND SEAL THE DAY AND YEAR LAST ABOVE WRITTEN.
	MY COMMISSION EXPIRES MAY(NOT, 2025 NOTARY PUBLIC
	SAMANTHA HUNT NOTARY PUBLIC - STATE OF OKLAHOMA MY COMMISSION EXPIRES MARCH 07, 2025 COMMISSION #17002240
	BE IT RESOLVED BY THE COUNCIL OF THE CITY OF BARTLESVILLE THAT THE CERTIFICATION OF REGISTERED LAND SURVEYOR AND CORRECTION OF PLAT OF CUNNINGHAM ADDITION, SHOWN HEREON IS APPROVED BY THE CITY OF BARTLESVILLE THIS 7TH DAY OF MARCH, 2022.
	JASON MUNNINGER, CITY CLERK DALE COPELAND, MAYOR





Agenda Item 7.e.i.

April 4, 2022

Prepared by Laura Sanders, HR Director
Human Resources Division

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Discuss and take possible action to approve Ordinance regarding an amendment to the City of Bartlesville plan adopting revised and restated Oklahoma Municipal Retirement Fund (OMRF) Master Defined Contribution Retirement Plan.

Attachments:

Internal Revenue Service (IRS) – Determination Letter to McAfee & Taft McAfee & Taft Memorandum – Summary of Plan Changes OMRF Master Defined Contribution Plan Amended Ordinance

II. STAFF COMMENTS AND ANALYSIS

The City of Bartlesville offers a defined contribution retirement plan through the Oklahoma Municipal Retirement Fund (OMRF). Every six years the plan provider must file to retain plan qualification and obtain a determination letter from the IRS. Upon approval by the IRS, the City of Bartlesville must formally adopt the new documents containing the updated plan language. The documents must be adopted by our governing body on or before April 30, 2022.

There is a total of 14 changes made to the Master plan as identified and listed in the McAfee & Taft Memorandum (second attachment).

The ordinance was reviewed by City Attorney Jess Kane.

III. RECOMMENDED ACTION

Staff recommends approval and execution of ordinance.



February 28, 2022

RECEIVED

Laura Sanders City of Bartlesville 401 S Johnstone Ave Bartlesville, OK 74003

RE: City of Bartlesville DC Plan

Dear Laura,

MAR 0 3 2022 CITY OF BARTLESVILLE HUMAN RESOURCES

The OkMRF Defined Contribution Master Plan and Joinder Agreement were recently amended and restated and approved by the Internal Revenue Service (IRS). OkMRF, as your plan provider, must follow a six-year filing cycle for preapproved plans in order to retain plan qualification and obtain a determination letter from the IRS. Upon approval by the IRS, it requires the OkMRF Board and each participating member to formally adopt these new documents containing the updated plan language. The OkMRF Board of Trustees approved the Amended and Restated Defined Contribution Master Plan and Joinder Agreement at the December Board meeting. Now it is requested that your governing body approve and adopt the documents for your plan as provided.

Enclosed are the following:

- IRS Determination Letter for the OkMRF Defined Contribution Plan documents
- Summary of Plan changes (memo from John Papahronis, OkMRF Tax Attorney, McAfee & Taft)
- Two (2) originals of amending Ordinance or Resolution & Joinder agreement effective April 1, 2022
- Your copy of the OkMRF Defined Contribution Master Plan

These documents must be approved by your governing body on or before April 30, 2022.

Suggested wording for your agenda action item for the plan documents:

Consideration and Possible Action on Ordinance or Resolution 2022-X Regarding an Amendment to the City of Bartlesville Plan Adopting the Revised and Restated OkMRF Master Defined Contribution Retirement Plan

After your governing board has taken action and fully signed these documents, please return the following original documents to the OkMRF offices as soon as possible:

- ✓ One (1) Ordinance or Resolution
- ✓ Two (2) Joinder Agreements

The OkMRF Board of Trustees will approve and countersign the Joinder Agreement and an original will be returned for your records.

If you would like an electronic version of the documents, please email me at kbaser@okmrf.org. We are pleased to have you as an OkMRF member! Providing this legal service to you is just one of the many advantages you receive while participating in Oklahoma's premiere municipal retirement program!

Kair Bason

Sincerely,

enclosures

Kari M Baser, Distribution & Project Specialist

BOARD OF TRUSTEES

Donna Doolen Ada District 3 Joe Don Dunham Lawton District 8 Tamera Johnson Shawnee District 4 Robert Johnston Clinton

At-large

Jim Luckett, Jr Thomas District 7 Robert Park Sallisaw District 2 Melissa Reames Stillwater Tim Rooney Mustang District 6 Ed Tinker Glenpool District 1 George Wilkinson Weatherford Trustee Emeritus



8TH FLOOR • TWO LEADERSHIP SQUARE 211 NORTH ROBINSON • OKLAHOMA CITY, OK 73102-7103 (405) 235-9621 • FAX (405) 235-0439 www.mcafeetaft.com

MEMORANDUM

TO:

Oklahoma Municipal Retirement Fund

FROM:

McAfee & Taft A Professional Corporation

(John A. Papahronis)

DATE:

November 12, 2021

RE:

Oklahoma Municipal Retirement Fund Master Defined Contribution Plan and

Joinder Agreement—Summary of Material Changes

The following summary compares the current version of the Oklahoma Municipal Retirement Fund Master Defined Contribution Plan and Joinder Agreement with the version recently approved by the Internal Revenue Service:

A. Master Defined Contribution Plan

Sec.	<u>Feature</u>	Current Version	Newly-Approved Version	
1.1	Purpose	States the purpose of the Plan.	Adds IRS required sentence that the plan is intended to qualify as a governmental plan.	
1.3	Exclusive Benefit	None	Added IRS required language that the Plan is for the exclusive benefit of employees. Expanded language that was previously in 1.1.	
2.1(m)	Definition of Compensation	Includes historical language required by IRS	Deletes historical IRS required language that is obsolete.	
2.1(r)	Definition of Employee	None	Includes a definition of Employee by cross referencing Joinder Agreement.	
4.5	Change of Rate of Voluntary Nondeductible Contributions	Permits Participant to change rate of payroll deduction	Deletes reference to minimum and maximum rates.	

4.8(d)(i)(3)	Roth Elective Deferrals	Provisions describing permitted Roth Elective Deferrals	Added IRS required language regarding correction of excess contributions of Roth Elective Deferrals.
5.11(a)(iv)	Maximum Permissible Amount	Definition for IRS limit	Updated IRS dollar limit for current amount.
6.12	Loss of Benefits for Cause	Reserved Section holder	Deleted per request of IRS.
6.17	Forfeiture of Benefits	Reserved Section holder	Deleted per request of IRS.
8.5	Provider's Power to Amend	Authority of Volume Submitter Practitioner to Amend for Adopting Employers	Modified to reflect current IRS terminology in accordance with Rev. Proc. 2017-41.
10.5	Benefits Payable to Incompetents	Protocol for benefit payments to incompetents	Modified to provide payments will be made to valid power of attorney, court appointed guardian, or other person authorized under state law.
11.11	Supersession of Inconsistent Provisions	Incorporates provisions of Trust Indenture	IRS required deletion of incorporation of provisions of Trust Indenture.

B. Joinder Agreement

Sec.	<u>Feature</u>	Current Version	Newly-Approved Version
8.	Forfeitures	Timing of allocation of forfeitures not specified	Timing of allocation specified
Sig. page	Required Disclosure re: IRS Approval	IRS required disclosure regarding the use and restrictions of IRS Preapproved Plan	Update language to meet current IRS requirements

OKLAHOMA MUNICIPAL RETIREMENT FUND MASTER DEFINED CONTRIBUTION PLAN

OKLAHOMA MUNICIPAL RETIREMENT FUND MASTER DEFINED CONTRIBUTION PLAN

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ARTICLE I. Purpose and Organization

1.1 **Purpose**: The purpose of this Plan is to encourage the loyalty and continuity of service of the Participants, to provide retirement benefits for all eligible Employees of the Employer, as hereinafter defined, who complete a period of faithful service and become eligible hereunder, and to qualify the Plan under Section 401(a) of the Code. It is intended that the Plan satisfy Section 401(a) of the Code by meeting the requirements of Section 414(d) of the Code. The benefits provided by this Plan will be paid from a Fund established by the Employer and will be in addition to the benefits Employees are entitled to receive under any other programs of the Employer and from the Federal Social Security Act.

The design type of this Plan is a profit sharing plan. To the extent this Plan is a governmental retiree benefit plan under Section 401(a)(24) of the Code, and prior to the termination of the Plan and satisfaction of all liabilities of the Plan, no part of the corpus or income of the Fund shall be used for, or diverted to, purposes other than for the exclusive benefit of the Plan participants and their beneficiaries.

- 1.2 **Parties**: The Oklahoma Municipal Retirement Fund hereby adopts and establishes this Plan for the benefit of Employees of those Employers, as defined herein, formed, chartered or incorporated under the laws of the State of Oklahoma, who wish to adopt it by executing a Joinder Agreement which incorporates this Plan by reference.
- 1.3 **Exclusive Benefit:** This Plan and the separate related Fund forming a part hereof are established and shall be maintained for the exclusive benefit of the eligible Employees of the Employer and their beneficiaries. Except as provided under Section 11.12, the Employer does not have any beneficial interest in any asset of the Fund and no part of any asset in the Fund may ever revert to or be repaid to the Employer, either directly or indirectly; nor, prior to the satisfaction of all liabilities with respect to the Participants and their Beneficiaries under the Plan, may any part of the corpus or income of the Fund, or any asset of the Fund, be (at any time) used for, or diverted to, purposes other than the exclusive benefit of the Participants or their Beneficiaries and for defraying reasonable expenses of administering the Plan.

ARTICLE II. Definitions and Construction

- 2.1 **Definitions**: Where the following words and phrases appear in this Plan, they shall have the respective meanings set forth below, unless their context clearly indicates to the contrary:
- (a) Account: One or more of several records maintained to record the interest in the Plan of each Participant and Beneficiary, and shall include any or all, where appropriate, of the following: (i) Municipality Contribution Account, (ii) Participant Deductible Contribution Account, (iii) Participant Deferred Compensation Contribution Account, (iv) Participant Mandatory Contribution Account, (v) Participant Nondeductible Contribution Account, (vi) Participant Roth Contribution Account, (vii) Pick-Up Contribution Account, (viii) Participant Rollover Account, (ix) Catch-Up Contribution Account, and (x) Loan Account.
- (b) Adjustment Factor: The cost of living adjustment factor prescribed by the Secretary of the Treasury under Section 415(d) of the Code for years beginning after December 31, 1987, as applied to such items and in such manner as the Secretary shall provide.
- (c) Amount(s) Forfeited: That portion of a terminated Participant's Municipality Contribution Account to which such Participant is not entitled because of insufficient Service.
- (d) Authorized Agent: The City Clerk of the Employer or such other person designated by the Employer to carry out the efficient operation of the Plan at the local level.
- (e) Authorized Leave of Absence: Any absence authorized by the Employer under the Employer's standard personnel practices applied to all persons under similar circumstances in a uniform manner, including any required military service during which a Participant's reemployment rights are protected by law; provided that he resumes employment with the Employer within the applicable time period established by the Employer or by law.
- **(f) Beneficiary**: Any person or entity designated or deemed designated by a Participant as provided in Section 6.11 hereof.
- (g) Break in Service: The expiration of ninety (90) days from the date the Participant last performed Service for the Employer for which such Participant was entitled to wages as defined in Section 3121(a) of the Code unless the Participant is on Authorized Leave of Absence. If a Participant does not resume employment with the Employer upon the expiration of an Authorized Leave of Absence, the Participant will be deemed to be absent from work on the first day of his Authorized Leave of Absence for purposes of determining if the Participant has a Break in Service.

For determining the amounts to be forfeited from a Participant's account under Section 6.6, any periods of employment with the Employer during which the Participant was not considered an Employee under the Plan shall not be considered as a Break in Service that causes a forfeiture unless the Participant was covered under a state retirement system or any other program outside the Oklahoma Municipal Retirement Fund System.

- (h) Catch-Up Contributions: A Participant's contributions described in Section 4.8(c) herein.
- (i) Catch-Up Contribution Account: The Account maintained for a Participant in which any Catch-Up Contributions are recorded.
- (j) City Council: The City Council or Board of Trustees of the Employer or other duly qualified and acting governing authority of the Employer.
 - (k) Code: The Internal Revenue Code of 1986, as amended from time to time.
- (I) Committee: The City Council of the Municipality, which shall act as the Plan Administrator of the Plan as provided for under Article X hereof.
- (m) Compensation: Compensation means wages for federal income tax withholding purposes, as defined under Code §3401(a), plus all other payments to an Employee in the course of the Employer's trade or business, for which the Employer must furnish the Employee a written statement under Code §\$6041, 6051 and 6052, but determined without regard to any rules that limit the remuneration included in wages based on the nature or location of the employment or services performed (such as the exception for agricultural labor in Code §3401(a)(2)). The Employer in Section 4 of its Joinder Agreement may specify modifications to the definition of Compensation, for purposes of contribution allocations under the Plan. For purposes of determining a Participant's compensation, any election by such Participant to reduce his regular cash remuneration under Code Sections 125, 401(k), 414(h), 403(b) or 457 shall be disregarded.
- (1) Limitations. The annual compensation of each Participant taken into account in determining allocations for any Plan Year beginning after December 31, 2001, shall not exceed \$280,000, as adjusted for cost-of-living increases in accordance with Section 401(a)(17)(B) of the Code. Annual compensation means compensation during the Plan Year or such other consecutive 12-month period over which compensation is otherwise determined under the Plan (the determination period). The cost-of-living adjustment in effect for a calendar year applies to annual compensation for the determination period that begins with or within such calendar year. If compensation for a period of less than 12 months is used for a plan year, then the otherwise applicable compensation limit is reduced in the same proportion as the reduction in the 12-month period. If a determination period consists of fewer than 12 months, the annual compensation limit will be multiplied by a fraction, the numerator of which is the number of months in the determination period, and the denominator of which is 12.

If Compensation for any prior determination period is taken into account in determining an Employee's benefits accruing in the current Plan Year, the Compensation for that prior determination period is subject to applicable annual compensation limit in effect for that prior determination period.

For limitation years beginning on and after January 1, 2001, for purposes of applying the limitations described in this Subsection 2.1(m), Compensation paid or made available during such limitation years shall include elective amounts that are not includible in the gross income of the Employee by reason of Section 132(f)(4) of the Code.

- (n) Deductible Participant Contribution: Prior to January 1, 1987, the amount a Participant may voluntarily contribute to the Plan which could not exceed the lesser of \$2,000 (or such higher limit as allowed by the Code), or 100% of Compensation, and is deductible from gross income by the Participant pursuant to the Code. No Deductible Participant Contributions may be made after January 1, 1987.
- (o) Deferred Compensation Contributions: A Participant's contributions described in Section 4.8 herein and credited to his Participant Deferred Compensation Contribution Account.
- (p) Disability: A physical or mental condition which, in the judgment of the Committee, totally and presumably permanently prevents a Participant from engaging in any substantial gainful employment with the Employer. A determination of such disability shall be based upon competent medical evidence.
- (q) Effective Date: The later of: (a) the date specified in the Joinder Agreement; or (b) the first day on which the Plan has a Participant.
- (r) Employee: Shall have the meaning set forth in Section 2 of the Joinder Agreement.
- (s) Employer: A Municipality chartered, incorporated or formed under the laws of the State of Oklahoma which executes the Joinder Agreement.
- (t) Employment Commencement Date: The first day of the first pay period during which the Participant receives wages as defined in Section 3121(a) of the Code from the Employer.
 - (u) Entry Date: The date an Employee becomes a Participant.
- (v) Forfeiture: The portion of a Participant's Accounts which becomes forfeitable pursuant to Section 6.6 hereof.
- (w) Fund: The fund established to provide the benefits under the Plan for the exclusive benefit of the Participants included in the Plan, and which will be pooled with similar funds of other incorporated cities and towns of Oklahoma as a part of the Oklahoma Municipal Retirement Fund, for purposes of pooled management and investment.
- (x) Investment Manager: A person who is either (i) registered as an investment adviser under the Investment Advisers Act of 1940, (ii) a bank, as defined in the Investment Advisers Act of 1940, or (iii) an insurance company qualified to perform investment management services under the laws of more than one state.
- (y) Investment Options: Any of those investment options selected by the Committee in accordance with Section 5.12 hereof.
- (z) Joinder Agreement: The agreement by which the Employer adopts this Plan and Fund as its Plan and Fund.

(aa) Leased Employee: Any person (other than an employee of the recipient) who pursuant to an agreement between the recipient and any other person ("leasing organization") has performed services for the recipient (or for the recipient and related persons determined in accordance with Section 414(n)(6) of the Code) on a substantially full time basis for a period of at least one year, and such services are performed under primary direction or control by the recipient. Contributions or benefits provided a Leased Employee by the leasing organization which are attributable to services performed for the recipient employer shall be treated as provided by the recipient employer.

A Leased Employee shall not be considered an employee of the recipient if: (I) such employee is covered by a money purchase pension plan providing: (1) a nonintegrated employer contribution rate of at least 10% of compensation, as defined in Section 415(c)(3) of the Code, but including amounts contributed pursuant to a salary reduction agreement which are excludable from the employee's gross income under Section 125, Section 402(e)(3), Section 402(h)(1)(B) or Section 403(b) of the Code, (2) immediate participation, and (3) full and immediate vesting; and (ii) leased employees do not constitute more than 20% of the recipient's nonhighly compensated work force.

- **(bb)** Limitation Year: The twelve (12) consecutive month period ending on June 30th of each year. If the Limitation Year is amended to a different twelve (12) consecutive month period, the new Limitation Year must begin on a date within the Limitation Year in which the amendment is made.
- (cc) Loan Account: A Participant's Separate Account established in the event he desires to make a loan from his applicable Account as provided in Section 6.13 herein.
- (dd) Mandatory Contributions: Contributions, if elected by the Employer in the Joinder Agreement, which Participants are required to make in order to participate in the Plan.
- (ee) Municipality: (1) each and every incorporated municipality in the State of Oklahoma; (2) public trusts having municipalities as a beneficiaries; (3) interlocal cooperatives created pursuant to 74 Oklahoma Statutes, Sections 1001, et seq., between municipalities and/or their public trust, and; (4) any other legal entity comprising a municipal authority as that term is used in Chapter 48 of Title 11 Oklahoma statutes, which has adopted the Plan and/or which has become a participant in the related trust according to the terms herein.
- (ff) Municipality Contribution Account: The account maintained for a Participant in which his share of the contributions of the Employer and the Amounts Forfeited and any adjustments relating thereto are recorded.
- (gg) Normal Retirement Date: The first day of the month occurring on or next following the date a Participant attains sixty-five (65) years of age.
- (hh) Oklahoma Municipal Retirement Fund: The trust created in accordance with Sections 48-101 et seq., of Title 11, Oklahoma Statutes 1981, to combine pension and retirement funds in incorporated cities and towns of Oklahoma for purposes of management and investment, represented by and acting through its Board of Trustees.

- (ii) Participant: Any Employee or former Employee who meets the eligibility requirements and is covered under the Plan.
- (i) Participant Contribution Accounts: All of the following Accounts: (i) Participant Deductible Contribution Account, (ii) Participant Deferred Compensation Contribution Account, (iii) Participant Nondeductible Contribution Account, (iv) Catch-Up Contribution Account, (v) Pick-Up Contributions Account, (vi) Participant Mandatory Contributions Account, (vii) Participant Rollover Account, and (viii) Participant Roth Contribution Account.
- (kk) Participant Deductible Contribution Account: The Account maintained for a Participant in which his Deductible Participant Contributions and adjustments relating thereto are recorded.
- (II) Participant Deferred Compensation Contribution Account: The Account maintained for a Participant in which his Deferred Compensation Contributions resulting from the Participant's election under Section 4.8 of the Plan and adjustments thereto are recorded.
- (mm) Participant Mandatory Contribution Account: The Account maintained for a Participant in which his Mandatory Contributions and adjustments relating thereto are recorded.
- (nn) Participant Nondeductible Contribution Account: The Account maintained for a Participant in which his voluntary nondeductible contributions and adjustments relating thereto are recorded.
- (00) Participant Rollover Account: The Account maintained for a Participant in which any Rollover Contributions are recorded.
- (pp) Participant Roth Contribution Account: The Account maintained for a Participant in which any Roth Contributions are recorded.
- (qq) Participation: The period commencing as of the date an Employee became a Participant and ending on the date the final distributions of all the Account balances are made.

(rr) Period(s) of Service or Service:

- (1) A Participant's last continuous period during which the Participant was an Employee of the Employer and/or any other Municipality prior to the earlier of his Retirement or Break in Service.
 - (i) Service includes employment with a Municipality other than the Employer prior to the time that the other Municipality adopted the Plan if the other Municipality credits a participant's past service under its retirement plan; and
 - (ii) Service for the Employer does not include employment with any Municipality if that service would not be included under the Municipality's Plan.

- (2) Concurrent employment with more than one Municipality shall be credited as only one period of service.
- (3) Any Authorized Leave of Absence shall not be considered as interrupting continuity of employment, provided the Employee returns within the period of authorized absence. Until such time as the City Council shall adopt rules to the contrary, credit for Service with the Employer shall be granted for any period of Authorized Leave of Absence during which the Employee's full Compensation is continued and contributions to the Fund are continued at the same rate and made by or for him, but credit for Service with the Employer shall not be granted for any period of authorized, nonpaid absence due to illness, union leave, military service, or any other reason, unless arrangements are made with the City Council for the Employee's continued participation and for contributions to be continued at the same rate and made by him or on his behalf during such absence. Provided, however, if a Participant is on an Authorized Leave of Absence and is receiving worker's compensation during such Authorized Leave of Absence, and if the Employer so elects in the Joinder Agreement, such Participant shall be credited with Service for such period for purposes of vesting only (and not for purposes of allocation of Employer Contributions).
- (4) The expiration of the term of office of an elected official shall not be considered as interrupting continuity of employment, provided the official is re-elected for a consecutive term.
- (5) Any reference in this Plan to the number of years of Service of a Participant shall include fractional portions of a year.
- (6) With respect to a Participant who was previously 100% vested in any other Municipality's qualified retirement plan prior to becoming a Participant in this Plan, such Participant's "Service" for purposes of determining years of service for vesting under this Plan shall include the Participant's last continuous period during which the Participant was an employee of the other Municipality.
- (ss) Pick-Up Contributions: The Employer's contributions described in Section 4.7 hereof and credited to his Pick-Up Contribution Account.
- (tt) Pick-Up Contributions Account: The account maintained for a Participant in which his share of Pick-Up Contributions are recorded.
- (uu) Plan: The Oklahoma Municipal Retirement Fund Master Defined Contribution Plan set forth herein, and all subsequent amendments.
- (vv) Plan Administrator: The persons who administer the Plan pursuant to the provisions of Article X hereof.
- (ww) Plan Year: Means the twelve (12) consecutive month period ending June 30th of each year. The initial or final Plan Year may be less than a twelve (12) consecutive month period.

- (xx) Previous Plan: The terms and provisions in the prior instruments governing the Employer's qualified defined contribution retirement plan and related trust, and applying before the Effective Date hereof, or any other date expressly specified herein if different from the Effective Date, which prior instruments are amended, restated and superseded by this instrument.
 - (yy) Retirement: Termination of employment upon a Participant's attaining age 65.
- (zz) Roth Contributions: A Participant's contributions described in Section 4.8(d) herein and credited to his Participant Roth Contribution Account.
- (aaa) Trust Service Provider: The person appointed by the Trustee to supervise operation of the Oklahoma Municipal Retirement Fund and to assist participating Municipalities in the adoption and operation of the Plan.
- (bbb) Trustee: The Trustees appointed pursuant to the Trust Indenture establishing the Oklahoma Municipal Retirement Fund.
- (ccc) Valuation Date: The date specified in Section 13 of the Joinder Agreement and any Special Valuation Dates determined in accordance with Section 5.10.
 - (ddd) Valuation Period: The period of time between two successive Valuation Dates.
- 2.2 **Construction**: The masculine gender, where appearing in the Plan, shall be deemed to include the feminine gender, unless the context clearly indicates to the contrary. The words "hereof," "herein," "hereunder" and other similar compounds of the word "herein" shall mean and refer to the entire Plan, not to any particular provision or section.

ARTICLE III. Eligibility and Participation

- 3.1 Eligibility: An Employee, as defined in the Joinder Agreement, who has satisfied all the requirements set forth in the Joinder Agreement shall be eligible to participate in the Plan. Any person who has been classified by the Employer as an independent contractor and has had his compensation reported to the Internal Revenue Service on Form 1099 but who has been reclassified as an "employee" (other than by the Employer) shall not be considered as an eligible Employee who can participate under this Plan; provided, if the Employer does reclassify such worker as an "Employee," for purposes of this Plan, such reclassification shall only be prospective from the date that the Employee is notified by the Employer of such reclassification.
- 3.2 **Entry Date**: The participation of an Employee eligible to become a Participant shall commence on the earliest date permitted by the Employer in the Joinder Agreement.
- 3.3 Re-employment of Former Participants: Subject to Section 3.4, if a Participant incurs a Break in Service and is subsequently re-employed by the Employer, the Participant shall not receive any credit for his previous Period of Service with the Employer and such Participant shall be treated in the same manner as a person who has not previously been employed by any Municipality.
- 3.4 Re-employment of Retired or Fully Vested Participants: If a retired or fully vested Participant is re-employed by the Employer, no distributions shall be made from the Plan during the period of such re-employment. Periods of Service prior to such Participant's retirement or termination of service, as applicable, shall count as Periods of Service for purposes of determining such Participant's vested interest in his Municipality Contribution Account.

ARTICLE IV. Contributions

4.1 Contributions by Employer: The Employer shall make such contributions as set forth in the Joinder Agreement. Such contributions shall be made from the operating revenue of the current taxable year or from accumulated revenue or surplus, as appropriate. The contribution shall be determined by written action of the Employer stating the amount of such contribution, and by the payment of such stated amount to the Trustee monthly. Upon execution of the Joinder Agreement, the Employer will contribute one Dollar (\$1.00) to establish the Fund. Any Participant who received Compensation from the Employer during the Valuation Period shall share in the Employer's contribution for the Valuation Period, even if not employed on the last day of the Valuation Period.

All Participant contributions shall be transmitted monthly to the Trustee after being withheld by the Employer. The Trustee shall hold all such contributions, subject to the provisions of the Plan and Fund, and no part of these contributions shall be used for, or diverted to, any other purpose.

- 4.2 Required Participant Contributions: If the Employer so elects in the Joinder Agreement, Participants shall not be required to contribute to the Plan.
- 4.3 **Mandatory Contributions**: If the Employer so elects in the Joinder Agreement, a Participant shall contribute to the Plan for each Plan Year the percentage of his Compensation set forth in the Joinder Agreement. Mandatory Contributions shall be made by payroll deductions. The Participant shall authorize such deductions in writing on forms approved by, and filed with, the Committee.
- 4.4 Voluntary Nondeductible Contributions by Participants: Subject to the limitations of Sections 5.11 and to such rules of uniform application as the Committee may adopt, each Participant may elect to make nondeductible contributions to the Plan. The contributions of such Participant after the Effective Date may be by payroll deduction, which the Participant shall authorize the Employer to make on written authorization forms designated by and filed with the Committee, or by cash payments by such Participant to the Trustee. The authorization to make contributions by payroll deductions shall be effective on the first day following the Committee's receipt of the payroll deduction authorization. In addition, a Participant may make Rollover Contributions notwithstanding the percentage limitations in the first sentence of this Section or the cash payment requirement of the second sentence of this Section.
- 4.5 Change of Rate of Voluntary Nondeductible Contributions by Participant: The Participant may change his rate of payroll deduction at any time, or he may discontinue his payroll deductions at any time. Any change of rate or discontinuance of payroll deductions shall be effective on the first payday following the receipt of written notice thereof by the Committee; provided, however, that not more than one change or discontinuance shall be made within a calendar month unless otherwise stated by the Committee.

The Participant must furnish the Committee at the time of any Participant Contribution or payroll deduction authorization an election designating the contribution as a Mandatory Contribution, Deductible Participant Contribution, or a Voluntary Nondeductible Contribution.

- 4.6 **Participant Contributions Nonforfeitable**: Each Participant who contributes hereunder shall have a nonforfeitable vested interest in that portion of the value of his own contributions not theretofore previously withdrawn by him.
- 4.7 Pick-Up Contributions: If the Employer elects in Section 5 of the Joinder Agreement, all Participants shall be required as a condition of employment to make the contributions specified in the Joinder Agreement. These contributions shall be picked up and assumed by the Employer and paid to the Fund in lieu of contributions by the Participant. Such contributions shall be designated as Employer contributions for federal income tax purposes. Participant's Compensation will be reduced by the amount paid to the Fund by the Employer in lieu of the required contribution by the Participant. These contributions shall be excluded from the Participant's gross income for federal income tax purposes and from wages for purposes of withholding under Sections 3401 through 3404 of the Code in the taxable year in which contributed. No Participant shall have the option of receiving the contributed amounts directly as Compensation. Contributions made by the Employer under this election shall be designated as Participant contributions for purposes of vesting, determining Participant rights and Participant Compensation. [In order for the Employer to have reliance on whether the Pick-Up Contributions comply with Section 414(h)(2) of the Code, the Employer must obtain a private letter ruling from the Internal Revenue Service.]
- 4.8 **Deferred Compensation Contributions**: If the Employer elects in the Joinder Agreement and if such Employer adopted a cash or deferred feature before May 7, 1986, the following provisions shall apply:
- (a) Deferred Compensation Contributions under Code Section 401(k): A Participant, by written notice to the Plan Administrator, may elect to make a Deferred Compensation Contribution to the Plan rather than receive Compensation to which the Participant would otherwise be entitled during the period immediately following such election.

Subject to the limitations of this Section 4.8 and Section 5.11, a Participant's Deferred Compensation Contribution may be any whole percentage of his Compensation, but in no case shall a Participant's Deferred Compensation Contribution election exceed the percentage set forth in the Joinder Agreement. Such election shall be binding until the Participant, by written notice to the Plan Administrator, modifies or discontinues his Deferred Compensation Contribution. A Participant's initial election, or modification or discontinuance shall be effective as soon as administratively practicable following the Plan Administrator's receipt of the Participant's written notice of election, modification or discontinuance, and shall remain in effect until modified or terminated. Provided, not more than one change or discontinuance shall be made within a calendar month unless otherwise stated by the Committee.

Employer contributions made pursuant to this Section 4.8 shall be credited to the Participant's Participant Deferred Compensation Account. All such Employer contributions shall

be paid to the Trustee as soon as practicable following the retention of such amounts by the Employer from the Participant's Compensation.

(b) Dollar Limitation on Deferred Compensation Contributions:

- (i) General Rule. No Participant shall be permitted to make Deferred Compensation Contributions during any calendar year in excess of the dollar limitation contained in Section 402(g) of the Code (including, if applicable, the dollar limitation on Catch-Up Contributions defined in Section 414(v) of the Code) in effect as of the beginning of the taxable year as adjusted under Section 402(g)(4) of the Code (hereafter referred to as "Excess Elective Deferrals"). In the case of a Participant who is age 50 or over by the end of the taxable year, the dollar limitation described in the preceding sentence includes the amount of Deferred Compensation Contributions that can be Catch-Up Contributions. In the event a Catch-Up Contribution eligible Participant makes Excess Elective Deferrals, the Plan Administrator shall cause such Participant's Deferred Compensation Contributions to be recharacterized as Catch-Up Contributions to the extent necessary to either (i) exhaust his Excess Elective Deferrals, and/or (ii) increase his Catch-Up Contributions to the applicable limit under Section 414(v) of the Code for the Plan Year.
- (ii) Recharacterization to Meet Limits of Section 402(g) of the Code. In the event a Participant's Deferred Compensation Contributions for a Plan Year do not equal the maximum Contributions that may be made under the Plan during that Plan Year for any reason, the Participant's Catch-Up Contributions for such Plan Year shall be recharacterized as Deferred Compensation Contributions for all purposes to the extent necessary to increase his Deferred Compensation Contributions to equal such maximum for such Plan Year.

(iii) Corrective Distributions.

- a. General. Notwithstanding any other provision of the Plan to the contrary, Excess Elective Deferrals (remaining after recharacterization as discussed above) and income and loss allocable thereto for the applicable calendar year must be distributed no later than April 15 following the calendar year in which Excess Elective Deferrals are incurred to avoid penalty, to Participants who have Excess Elective Deferrals for the preceding calendar year. Provided that, Excess Elective Deferrals to be distributed for a taxable year will be reduced by Excess Contributions previously distributed for the Plan Year beginning in such taxable year. For years beginning after 2005, distribution of Excess Elective Deferrals for a year shall be made first from the Participant's Account holding Deferred Compensation Contributions, to the extent Deferred Compensation Contributions were made for the year, unless the Participant specifies otherwise.
- b. Calculation of Income Allocable to Excess Elective Deferrals. The Plan Administrator shall use the method provided in Section 5.6 herein for computing the income allocable to corrective distributions pursuant to this Section. Excess Elective Deferrals are determined on a date that is no more than seven (7) days before the distribution. For the Plan Year beginning in 2007, income or loss allocable to the period between the end of the taxable year and the

date of distribution ("gap period") must be taken into account for corrective distributions. For Plan Years beginning after 2007, income or loss applicable to the gap will not be taken into account for corrective distributions.

(c) Catch-up Contributions: For Plan Years beginning after December 31, 2001, all Employees who are eligible to make Deferred Compensation Contributions under this Plan and who have attained age 50 before the close of the Employee's taxable year shall be eligible to make Catch-Up Contributions in accordance with, and subject to the limitations of, Section 414(v) of the Code. Catch-Up Contributions are Deferred Compensation Contributions made to the Plan that are in excess of an otherwise applicable Plan limit and that are made by Participants who are age 50 or over by the end of their taxable years. An otherwise applicable Plan limit is a limit in the Plan that applies to Deferred Compensation Contributions without regard to Catch-Up Contributions, such as the limit on Annual Additions and the Code Section 402(g) limit. Such Catch-Up Contributions shall not be taken into account for purposes of the provisions of the Plan implementing the required limitations of Sections 402(g) and 415 of the Code. The Plan shall not be treated as failing to satisfy the provisions of the Plan implementing the requirements of Section 401(k)(3), 401(k)(11), 401(k)(12), 410(b), or 416 of the Code, as applicable, by reason of the making of such Catch-Up Contributions.

(d) Roth Elective Deferrals:

(i) General Application.

- (1) If elected by the Employer in the Joinder Agreement, this Subsection (d) will apply to Contributions beginning with the effective date specified in the adoption agreement but in no event before the first day of the first taxable year beginning on or after January 1, 2006.
- (2) As of the effective date under Subsection (1), the Plan will accept Roth elective deferrals made on behalf of Participants. A Participant's Roth elective deferrals will be allocated to a separate account maintained for such deferrals as described in Subsection (ii).
- (3) Unless specifically stated otherwise, Roth elective deferrals will be treated as elective deferrals for all purposes under the Plan. Roth elective deferrals that are determined to be excess elective deferrals shall be corrected by distribution in the manner set forth in Section 4.8.

(ii) Separate Accounting.

- (1) Contributions and withdrawals of Roth elective deferrals will be credited and debited to the Roth elective deferral account maintained for each Participant.
- (2) The Plan will maintain a record of the amount of Roth elective deferrals in each Participant's account.

- (3) Gains, losses, and other credits or charges must be separately allocated on a reasonable and consistent basis to each Participant's Roth elective deferral account and the Participant's other accounts under the Plan.
- (4) No contributions other than Roth elective deferrals and properly attributable earnings will be credited to each Participant's Roth elective deferral account.

(iii) Direct Rollovers.

- (1) Notwithstanding Section 9.5, a direct rollover of a distribution from a Roth elective deferral account under the Plan will only be made to another Roth elective deferral account under an applicable retirement plan described in § 402A(e)(1) or to a Roth IRA described in Code Section 408A, and only to the extent the rollover is permitted under the rules of Code Section 402(c).
- (2) Notwithstanding Section 9.5, if elected by the Employer in the Joinder Agreement, the Plan will accept a rollover contribution to a Roth elective deferral account only if it is a direct rollover from another Roth elective deferral account under an applicable retirement plan described in Code Section 402A(e)(1) and only to the extent the rollover is permitted under the rules of Code Section 402(c).
- (3) The Plan will not provide for a direct rollover (including an automatic rollover) for distributions from a Participant's Roth elective deferral account if the amount of the distributions that are eligible rollover distributions are reasonably expected to total less than \$200 during a year. In addition, any distribution from a Participant's Roth elective deferral account is not taken into account in determining whether distributions from a Participant's other accounts are reasonably expected to total less than \$200 during a year. However, eligible rollover distributions from a Participant's Roth elective deferral account are taken into account in determining whether the total amount of the Participant's account balances under the Plan exceeds \$1,000 for purposes of mandatory distributions from the plan.

(iv) Definition.

- (1) **Roth Elective Deferrals.** A Roth elective deferral is an elective deferral that is:
 - a. Designated irrevocably by the Participant at the time of the cash or deferred election as a Roth elective deferral that is being made in lieu of all or a portion of the pre-tax elective deferrals the Participant is otherwise eligible to make under the plan; and
 - b. Treated by the Employer as includible in the Participant's income at the time the Participant would have received that amount in cash if the Participant had not made a cash or deferred election.

ARTICLE V. Accounting, Allocation and Valuation

- 5.1 Accounts: The Committee shall maintain a separate Municipality Contribution Account, Participant Nondeductible Contribution Account, Participant Mandatory Contribution Account, Participant Deductible Contribution Account, Participant Rollover Account, Participant Deferred Compensation Contribution Account, Catch-Up Contribution Account, Pick-Up Contributions Account and Loan Account as necessary for each Participant. A separate sub-account for each such Account shall be maintained for each Investment Option offered in accordance with Section 5.12. All such Accounts shall be credited or debited as herein provided.
- 5.2 **Eligibility for Allocation**: Employer contributions together with Amounts Forfeited as of the Valuation Date shall be allocated to the Municipality Contribution Accounts of Participants.
- 5.3 **Allocation of Contribution**: The Employer contributions, together with Amounts Forfeited as of the prior Valuation Date shall be allocated in the manner elected by the Employer in the Joinder Agreement.
- 5.4 **Allocation of Amounts Forfeited**: No Amount Forfeited attributable to the contribution of one Employer adopting this Plan may be allocated for the benefit of Participants of the Plan of any other adopting Employer.
- 5.5 Value of Account: The value of a Participant's Account is equal to the sum of all contributions, earnings or losses, and other additions credited to the Account, less all distributions (including distributions to Beneficiaries and to alternate payees and also including disbursement of Plan loan proceeds), forfeitures, expenses and other charges against the Account as of a Valuation Date or other relevant date. For purposes of a distribution under the Plan, the value of a Participant's Account balance is its value as of the Valuation Date immediately preceding the date of the distribution. The value of a Participant's Account is the fair market value of the assets in the account.
- 5.6 Allocation of Investment Earnings and Losses: As of each Valuation Date, the Accounts will be adjusted to reflect the earnings and losses since the last Valuation Date. Earnings or losses will be allocated using the daily valuation method so that earnings or losses will be allocated on each day of the Plan Year for which Plan assets are valued on an established market.
- 5.7 Accounting for Participants' Contributions: Contributions by or on behalf of each Participant shall be credited to his Participant Nondeductible Contribution Account, Participant Mandatory Contribution Account, Participant Deductible Contribution Account, Catch-Up Contribution Account, Pick-Up Contribution Account, or Participant Deferred Compensation Contribution Account as deposited with the Trustee.
- 5.8 Accounting for Statement of Account: As soon as is administratively feasible, the Committee shall present to each Participant a statement of such Participant's Accounts, at least annually, showing the balances at the beginning of the reported period, any changes during the reported period, the balances at the end of the reported period, and such other information as the Committee may determine. However, neither the maintenance of accounts, the allocations to

Accounts, nor the statements of account shall operate to vest in any Participant any right or interest in or to the Fund except as the Plan specifically provides herein.

- 5.9 **Time of Adjustment**: Each adjustment required by this Article V shall be deemed to have been made at the times specified in this Article V, regardless of the dates of actual entries or receipts by the Trustee of contributions for such Plan Year.
- 5.10 Special Valuation Date: If the Committee determines that a substantial change in the value of any Investment Fund has occurred since the last Valuation Date, the Committee may, prior to the next Valuation Date, establish one or more Special Valuation Dates and determine the adjustment required to make the total net credit balance in the Accounts of the then Participants equal to the then market value of the total assets of the Fund. Such adjustments shall be made consistent with the procedure specified in Section 5.5. Having determined such adjustment, all distributions which are to be made as of or after such special Valuation Date, but prior to the next succeeding Valuation Date or Special Valuation Date, shall be made as if the net credit balances in all Accounts had actually been credited or debited to reflect the adjustment provided by this Section.
- 5.11 Limitation on Allocation of Employer Contributions: The following provisions will be applicable in determining if the Plan and the Employer contributions thereto satisfy the requirements of Section 415 of the Code and the regulations thereunder. Except to the extent permitted under Section 4.8(c) of this Plan and Section 414(v) of the Code, if applicable, the Annual Additions that may be contributed or allocated to a Participant's Accounts under the Plan for any limitation year shall not exceed the Maximum Permissible Amount.
- (a) **Definitions:** For the purposes of this Section the following definitions shall be applicable:
- (i) Annual Additions: For purposes of the Plan, "Annual Additions" shall mean the amount allocated to a Participant's Account during the Limitation Year that constitutes:
 - (1) Employer contributions,
- (2) Employee Deferred Compensation Contributions or Roth Contributions (excluding excess deferrals that are distributed in accordance with Treas. Reg. § 1.402(g)-1(e)(2) or (3)),
 - (3) Forfeitures, and
- (4) Amounts allocated to an individual medical account, as defined in Section 415(1)(2) of the Code, which is part of a pension or annuity plan maintained by the Employer are treated as annual additions to a defined contribution plan; and amounts derived from contribution plans or accrued after December 31, 1985, and taxable years ending after such date, which are attributable to post-retirement medical benefits, allocated to the separate account of a key employee, as defined in Section 419(A)(d)(3) of the Code, under a welfare benefit fund, as defined in Section 419(e) of the Code, maintained by the Employer are treated as annual addition to a defined contribution plan.

Annual additions for purposes of Code § 415 shall not include restorative payments. A restorative payment is a payment made to restore losses to a Plan resulting from actions by a fiduciary for which there is reasonable risk of liability for breach of a fiduciary duty under federal or state law, where participants who are similarly situated are treated similarly with respect to the payments. Generally, payments are restorative payments only if the payments are made in order to restore some or all of the Plan's losses due to an action (or a failure to act) that creates a reasonable risk of liability for such a breach of fiduciary duty (other than a breach of fiduciary duty arising from failure to remit contributions to the Plan). This includes payments to a plan made pursuant to a court-approved settlement, to restore losses to a qualified defined contribution plan on account of the breach of fiduciary duty (other than a breach of fiduciary duty arising from failure to remit contributions to the Plan). Payments made to the Plan to make up for losses due merely to market fluctuations and other payments that are not made on account of a reasonable risk of liability for breach of a fiduciary duty are not restorative payments and generally constitute contributions that are considered annual additions.

Annual additions for purposes of Code § 415 shall not include: (1) The direct transfer of a benefit or employee contributions from a qualified plan to this Plan; (2) rollover contributions (as described in Code §§ 401(a)(31), 402(c)(1), 403(a)(4), 403(b)(8), 408(d)(3), and 457(e)(16)); (3) repayments of loans made to a participant from the Plan; and (4) repayments of amounts described in Code § 411(a)(7)(B) (in accordance with Code § 411(a)(7)(C)) and Code § 411(a)(3)(D), as well as Employer restorations of benefits that are required pursuant to such repayments.

If, in addition to this Plan, the Participant is covered under another qualified plan which is a defined contribution plan maintained by the Employer, a welfare benefit fund, as defined in Section 419(e) of the Code maintained by the Employer, or an individual medical benefit account, as defined in Section 415(1)(2) of the Code maintained by the Employer, which provides for Annual Additions during any Limitation Year, then the Annual Additions which may be credited to a Participant's Account under this Plan for any such Limitation Year will not exceed the Maximum Permissible Amount reduced by the Annual Additions credited to a Participant's Account under the other plans and welfare benefit funds for the same Limitation Year. If the Annual Additions with respect to the Participant under other defined contribution plans and welfare benefit plans maintained by the Employer are less than the Maximum Permissible Amount and the Employer contribution that would otherwise be contributed or allocated to the Participant's Account under this Plan would cause the Annual Additions for the Limitation Year to exceed this limitation, the amount contributed or allocated will be reduced so that the Annual Additions under all such plans and funds for the Limitation Year will equal the Maximum Permissible Amount. If the Annual Additions with respect to the Participant under such other defined contribution plans and welfare benefit funds in the aggregate are equal to or greater than the Maximum Permissible amount, no excess amount will be contributed or allocated to a Participant's Account under this Plan for the Limitation Year.

(ii) Actual Compensation: The words "Actual Compensation" shall mean a Participant's wages, salaries, and fees for professional services and other amounts received without regard to whether or not an amount is paid in cash for personal services actually rendered in the course of employment with the Employer, to the extent that the amounts are includible in gross income (or to the extent amounts deferred at the election of the Employee

would be includible in gross income but for the rules of Sections 125, 132 (for limitation years beginning after December 31, 2001), 402(e)(3), 402(h)(1)(B), 402(k), or 457(b) of the Code). These amounts include, but are not limited to, commissions paid salesmen, compensation for services on the basis of a percentage of profits, commissions on insurance premiums, tips and bonuses, fringe benefits, and reimbursements or other expense allowances under a nonaccountable plan as described in Treas. Reg. §1.62-2(c)). For years beginning after December 31, 2008, (i) an individual receiving a differential wage payment, as defined by Code §3401(h)(2), is treated as an employee of the employer making the payment, (ii) the differential wage payment is treated as Actual Compensation, and (iii) the Plan is not treated as failing to meet the requirements of any provision described in Code §414(u)(1)(C) by reason of any contribution or benefit which is based on the differential wage payment.

For purposes of applying the limitations described in this Section 5.11 of the Plan, Compensation paid or made available during such limitation years shall include elective amounts that are not includable in the gross income of the Employee by reason of Code Section 132(f)(4).

Actual Compensation shall be adjusted, as set forth herein, for the following types of compensation paid after a Participant's severance from employment with the Employer maintaining the Plan (or any other entity that is treated as the Employer pursuant to Code § 414(b), (c), (m) or (o)). However, amounts described in Subsections (a) and (b) below may only be included in Actual Compensation to the extent such amounts are paid by the later of $2\frac{1}{2}$ months after severance from employment or by the end of the limitation year that includes the date of such severance from employment. Any other payment of compensation paid after severance of employment that is not described in the following types of compensation is not considered Actual Compensation within the meaning of this Section, even if payment is made within the time period specified above.

- (1) Regular Pay: Actual Compensation shall include regular pay after severance of employment if:
- A. The payment is regular compensation for services during the Participant's regular working hours, or compensation for services outside the Participant's regular working hours (such as overtime or shift differential), commissions, bonuses, or other similar payments; and
- B. The payment would have been paid to the Participant prior to a severance from employment if the Participant had continued in employment with the Employer.
- (2) Leave Cashouts and Deferred Compensation: Leave cashouts shall not be included in Actual Compensation. In addition, deferred compensation shall be included in Actual Compensation.
- (3) Salary Continuation Payments for Disabled Participants: Actual Compensation does not include compensation paid to a Participant who is permanently and totally disabled (as defined in Code § 22(e)(3)).
- (iii) Excess Amount: The words "Excess Amount" shall mean the excess of the Participant's Annual Additions for the applicable Limitation Year over the Maximum Permissible Amount.

- (iv) Maximum Permissible Amount: The words "Maximum Permissible Amount" shall mean for the applicable Limitation Year, the "maximum permissible amount" (except for Employee Catch-Up Contributions under Section 414(v) of the Code) which may be contributed or allocated to or made with respect to any Participant which amount shall be the lesser of:
- (1) \$56,000, as adjusted for cost-of-living under Code Section 415(d) the "Defined Contribution Dollar Limitation," or
- (2) 100% of the Participant's Actual Compensation for the Limitation Year.

The compensation limitation referred to above shall not apply to: any contribution for medical benefits (within the meaning of Section 419A(f)(2) of the Code) after separation from service which is otherwise treated as an Annual Addition, or any amount otherwise treated as an Annual Addition under Section 415(1)(1) of the Code.

- (b) Determination of Excess: If an excess amount was allocated to a Participant on an allocation date of this Plan which coincides with an allocation date of another plan, the excess amount attributed to this Plan will be the product of (1) the total excess amount allocated as of such date times (2) the ratio of (i) the Annual Additions allocated to the Participant for the Limitation Year as of such date under this Plan to (ii) the total Annual Additions allocated to the Participant for the Limitation Year as of such date under this and all other qualified plans which are defined contribution plans.
- (c) Treatment of Excess: Notwithstanding any provision of the Plan to the contrary, if the annual additions (within the meaning of Code § 415) are exceeded for any participant, then the Plan may be able to correct such excess in accordance with the Employee Plans Compliance Resolution System (EPCRS) as set forth in Revenue Procedure 2018-52 or any superseding guidance, including, but not limited to, the preamble of the final § 415 regulations. However, EPCRS may not be available in all situations.

5.12 **Investment Options**:

- (a) Self-Directed: If the Employer elects in the Joinder Agreement, each Participant in the Plan is hereby given the specific authority to direct the investment of all or any portion of his Accounts in one or more Investment Options provided under this Plan in accordance with the procedures established by the Committee. If a Participant does not designate an Investment Option for his Accounts, his Accounts will be invested in the age-based balanced fund or such other Investment Option as may be designated by the Trustees. For purposes of this Section, the Participants shall be exercising full investment control, discretion, authority and fiduciary responsibility as provided in this Plan of the investments in such Participants' applicable Accounts.
- (b) Non-Self-Directed: If the Employer does not elect in the Joinder Agreement to allow self-directed investments, all Accounts will be invested in the Balanced Fund or such other Investment Option as may be designated by the Trustees.

ARTICLE VI. Benefits

- 6.1 **Retirement or Disability:** If a Participant's employment with the Employer is terminated when he attains age sixty-five (65), or if a Participant's employment is terminated at an earlier age as the result of a Disability, he shall be entitled to receive the entire amount of his Municipality Contribution Account.
- 6.2 **Deferred Retirement:** If a Participant, with the consent of the Employer, shall continue in active employment following his Normal Retirement Date, he shall continue to participate under the Plan. Upon actual retirement, such Participant shall be entitled to receive the entire amount of his Municipality Contribution Account as of his actual retirement date.
- 6.3 **Death of a Participant:** Upon the death of a Participant, his Beneficiary shall be entitled to receive the entire amount of his Municipality Contribution Account and Participant Contribution Accounts as of the date of his death. In the case of a death occurring on or after January 1, 2007, if a Participant dies while performing qualified military service (as defined in Code § 414(u)), the survivors of the Participant are entitled to any additional benefits (other than benefit accruals relating to the period of qualified military service) provided under the Plan as if the Participant had resumed and then terminated employment on account of death.
- 6.4 **Termination for Other Reasons Vested Percentage:** If a Participant's employment with the Employer is terminated before his Normal Retirement Date for any reason other than Disability or death, he shall be entitled to an amount equal to the vested percentage of his Municipality Contribution Account. Such vested percentage shall be determined as of the date of termination in accordance with the election of the Employer in the Joinder Agreement.
- 6.5 **Initial Distribution Date:** The date of initial distribution ("Initial Distribution Date") of a Participant whose employment is terminated and provided that the Participant requests a distribution, shall be as soon as practicable following his termination of employment and he shall be entitled to the vested percentage of his Accounts on such Initial Distribution Date payable in accordance with the provisions of Section 6.10. The portion of the Employer's contribution, the Amounts Forfeited or the periodic adjustment which is allocated to a Participant terminated for the reasons specified in Section 6.4 after such Initial Distribution Date shall be payable in accordance with the method utilized under Section 6.10 as soon as practicable.
- 6.6 **Determination of Amounts Forfeited:** Upon a distribution pursuant to Section 6.4 or if the Participant incurs a Break in Service, the forfeited percentage of a Participant's Municipality Contribution Account, if any, shall be deducted from the Participant's Account. Such Amounts Forfeited shall become available for allocation in accordance with Item 8 of the Joinder Agreement as of the end of the calendar quarter following the Valuation Period in which the terminated Participant forfeited such amounts.
- 6.7 Participant Contribution Accounts: A Participant shall be fully vested in his Participant Contribution Accounts at all times. A Participant's Contribution Account balances shall be paid to him in connection with the distribution to him of the vested portion of his

Municipality Contribution Account on or after his Initial Distribution Date. Such distributions shall be made in accordance with Section 6.10 and Section 6.8.

- 6.8 Withdrawals from Participant's Contribution Accounts: In accordance with the provisions hereof, a Participant may withdraw all or any part of his Participant Contribution accounts by filing a written application with the Administrator. Such withdrawal shall be effective no sooner than thirty (30) (unless waived by the Participant) but not later than ninety (90) days after the Participant's receipt from the Plan Administrator of a rollover notice required by Code Section 402(f). A Participant who withdraws all or part of his Participant Contribution Account balances shall not forfeit his proportionate share of net income, gains and profits, if any, for the Valuation Periods previously allocated to his Participant Contribution Accounts, nor any portion of his Municipality Contribution Account but the Participant's Contribution Accounts shall not share (to the extent of any withdrawals) in any net income for the Valuation Period in which the withdrawal occurs. For any distribution notice issued in Plan Years beginning after December 31, 2006, any reference to the 90-day maximum notice period prior to distribution in applying the notice requirements of Code §§402(f) (the rollover notice), or 411(a)(11) (Participant's consent to distribution) will become 180 days.
- (a) Participant Deductible Contribution Account: If allowed in the Joinder Agreement, a Participant may withdraw all or any part of his Participant Deductible Contribution Account (but not to exceed the amount in his Participant Deductible Contribution Account at the time of withdrawal) by filing a written application with the Plan Administrator. Such withdrawal may be made no more often than once a year. If at the time of the withdrawal the Participant has not attained age 59½ or is not disabled, the Participant will be subject to a federal income tax penalty unless such withdrawal is rolled over to a qualified plan or individual retirement account within sixty (60) days of the date of distribution.
- (b) Participant Nondeductible Contribution Account: A Participant may withdraw all or any part of his Participant Nondeductible Contribution Account by filing a written application with the Plan Administrator.
- any other provision of this Plan, no amount in a Participant's Deferred Contribution Account may be distributed to a Participant earlier than such Participant's retirement, death, Disability, or severance from employment. The above distribution requirements shall be strictly interpreted by the Plan Administrator to conform with the requirements of Section 401(k) of the Code and future amendments or Internal Revenue Service interpretations thereof. If a Participant is allowed to withdraw from his Participant Deferred Compensation Contribution Account, the provisions of the first paragraph of this Section 6.8 shall apply to such withdrawals. Notwithstanding the foregoing, for purposes of Code §401(k)(2)(B)(i)(I), effective January 1, 2009, an individual is treated as having been severed from employment during any period the individual is performing service in the uniformed services described in Code §3401(h)(2)(A). If an individual elects to receive a distribution by reason of severance from employment, death or disability, the individual may not make an elective deferral or Employee contribution during the 6-month period beginning on the date of the distribution.

- (d) Pick-up Contribution Account: Notwithstanding any other provision of this Plan, no amount in a Participant's Pick-Up Contribution Account may be distributed to a Participant earlier than such Participant's retirement, death, Disability, or separation from service. If a Participant is allowed to withdraw from his Pick-Up Contribution Account, the provisions of the first paragraph of this Section 6.8 shall apply.
- 6.9 Withdrawals from Participant's Mandatory Contribution Account: A Participant may not withdraw any portion of his Participant Mandatory Contribution Account prior to the termination of his employment. Such account balances will be paid at the same time and in the same manner as such Participant's Municipality Contribution Account.
- 6.10 Methods of Distribution: On and after each Participant's Initial Distribution Date, after all adjustments to his Accounts required as of such date shall have been made, distribution of his share shall be made to or for the benefit of the Participant or, in case of his death, to or for the benefit of his Beneficiary, by one of the following methods, as determined by the Committee:
 - (a) a lump sum distribution;
- (b) an installment distribution consisting of approximately equal installments for a term not exceeding ten (10) years;
- (c) an installment distribution consisting of approximately equal installments for a term not extending beyond the joint life expectancy (as calculated in accordance with Income Tax Regulation section 1.72-9) on the Initial Distribution Date of the Participant and his spouse;
 - (d) periodic distributions as designated by the Participant or Beneficiary; or
 - (e) purchase of an annuity.

Commencement of payments under the method of distribution selected shall be as of the initial Distribution Date of the Participant, provided that for administrative convenience, such commencement may be delayed as reasonably necessary but in no event for more than sixty (60) days after a reasonable time for all administrative calculations, allocations and accounting operations necessary to determine the amount of the distribution. The Committee, in its sole discretion, may accelerate the payment of any unpaid installments. If a former Participant receiving installment payments dies prior to the receipt by him of the full amount to be paid to him from his Participant Accounts, the remaining installments shall be paid to his Beneficiary. Under no circumstance may a method of payment be elected that would be expected to cause more than fifty percent (50%) of the present value of any series of payments to go to a person other than the Participant.

6.11 **Designation of Beneficiary:** Each Participant shall designate his Beneficiary on a form provided by the Committee and such designation may include primary and contingent Beneficiaries. If Participant designates more than one Beneficiary, each shall share equally unless the Participant specifies a different allocation. The designation may be changed at any time by filing a new form with the Committee. In the absence of such written designation, the surviving spouse, if any, of the Participant shall be deemed to be the designated Beneficiary, and otherwise the estate of such Participant. Further, the written designation of the Participant's spouse may be voided upon divorce of the Participant if required by applicable state law. In all events, the date of determination of a Participant's Beneficiary shall be the date of death of a

Participant. Production of a certified copy of the death certificate of any Participant or other persons shall be sufficient evidence of death, and the Committee shall be fully protected in relying thereon.

6.12 Payments Under a Qualified Domestic Relations Order:

- (a) The Municipality shall follow the terms of any "Qualified Domestic Relations Order" as defined in Subsection (b) below issued with respect to a Participant where such Qualified Domestic Relations Order grants to an "Alternate Payee" rights in the benefit of the Participant.
- (b) The term "Qualified Domestic Relations Order" means an order issued by the District Court of the State of Oklahoma pursuant to the domestic relations laws of the State of Oklahoma which relates to the provision of marital property rights to a spouse or former spouse of a Participant and which creates or recognizes the existence of an Alternate Payee's right to, or assigns to an Alternate Payee the right to receive a portion of the benefits payable with respect to a Participant of the Plan.
- (c) To qualify as an Alternate Payee, a spouse or former spouse must have been married to the Participant for a period of not less than thirty (30) continuous months immediately preceding the commencement of the proceedings from which the Qualified Domestic Relations Order issues.
- (d) A Qualified Domestic Relations Order is valid and binding on the Trustees and the Participant only if it meets the requirements of this Section.
 - (e) A Qualified Domestic Relations Order shall clearly specify:
- 1) the name, social security number, and last-known mailing address (if any) of the Participant, and the name and mailing address of the alternative payee covered by the order;
- 2) the amount or percentage of the Participant's benefits to be paid by the Plan to the Alternate Payee;
- 3) the characterization of the benefit as to marital property rights, and whether the benefit ceases upon the death or remarriage of the Alternate Payee; and,
 - 4) each plan to which such order applies.
- (f) A Qualified Domestic Relations Order meets the requirements of this Section only if such order:
- 1) does not require the Plan to provide any type or form of benefit, or any option not otherwise provided under the Plan;
 - 2) does not require the Plan to provide increased benefits; and,

- 3) does not require the payment of benefits to an Alternate Payee which are required to be paid to another Alternate Payee pursuant to another order previously determined to be a Qualified Domestic Relations Order, or an order recognized by the Plan as a valid order prior to the effective date of the Plan.
- (g) A Qualified Domestic Relations Order shall not require payment of benefits to an Alternate Payee prior to the actual retirement date or withdrawal of the related member.
- (h) In the event a Qualified Domestic Relations Order requires the benefits payable to an Alternate Payee to terminate upon the remarriage of said Alternate Payee, the Plan shall terminate said benefit only upon the receipt of a certified copy of a marriage license, or a copy of a certified order issued by the Court that originally issued said Qualified Domestic Relations Order declaring the remarriage of said Alternate Payee.
- (i) This Section of the Plan shall not be subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA), 29 U.S.C.A. Section 1001, et seq., as amended from time to time, or rules and regulations promulgated thereunder, and court cases interpreting said Act.
- (j) Effective on or after April 6, 2007, a domestic relations order that otherwise satisfies the requirements for a QDRO will not fail to be a QDRO: (i) solely because the order is issued after, or revises, another domestic relations order or QDRO; or (ii) solely because of the time at which the order is issued, including issuance after the annuity starting date.
- (k) The Board of Trustees of the Oklahoma Municipal Retirement Fund shall promulgate such rules as are necessary to implement the provisions of this Section.
- (I) An Alternate Payee who has acquired beneficiary rights pursuant to a valid Qualified Domestic Relations Order must fully comply with all provisions of the rules promulgated by the Trustees pursuant to this Section in order to continue receiving his or her benefits.
- (m) Nothing in this Section shall grant a spouse or former spouse of a Participant any property rights in the benefits of any Participant except as specifically authorized for Qualified Domestic Relations Orders, and no spousal consent shall be required for a Participant to elect or change elections pertaining to a benefit payable under this Plan.

6.13 Loans to Participants:

(a) General: The Committee, in its sole discretion, may direct Trustees to make loans to Participants upon the written direction and application of the Participant who desires to effect such loan, up to 50% of the vested balance of a Participant's Accounts. All such loans (i) shall not be made available to Highly Compensated Employees (as defined in Section 414(q) of the Code) in an amount greater than the amount made available to other Employees, (ii) shall be available to all Participants on a nondiscriminatory basis, (iii) shall be made available in an amount equal to the lesser of 50% of the borrowing Participant's vested Benefit in his Account or \$50,000, (iv) shall bear a reasonable rate of interest which will be established by the Committee, (v) shall be secured by the borrowing Participant's Benefit account balance attributable to his Account, (vi) shall be amortized and repaid in level payments of principal and

interest made not less frequently than monthly over the term of the loan, (vii) shall be repaid by payroll reduction while the Participant is employed; (viii) shall accelerate and be due in full on the date a Participant terminates employment with the Employer; (ix) shall not be less than \$1,000 in amount each; and (x) shall be made upon such other reasonable terms which the Committee shall designate, such terms being applied in a nondiscriminatory fashion; provided, in no event shall any loan have a term in excess of five years. There shall not be more than one or two loans outstanding (as elected by the Employer) at any time with respect to a Participant. No Participant who has borrowed from the Plan may make another loan until the previous loan has been fully repaid. Outstanding loans are not subject to refinancing by a new loan. Upon direction by the Committee, and subject to Subsection (c) below, the Trustees may foreclose upon such Participant's interest in his Account in the event of default. A loan to a Participant, when added to the outstanding balance of all other loans to the Participant from the Plan and other plans sponsored by the Employer, cannot exceed \$50,000, reduced by the excess of the highest outstanding balance of loans from the Plan (and all other plans sponsored by the Employer) during the one-year period ending on the day before the date the loan is made over the outstanding balance of the loans from the Plan on the date the loan is made. No distribution of a Benefit shall be made to any Participant, Beneficiary or the estate of a Participant unless and until all unpaid loans made by the Plan to such Participant together with accrued interest have been paid in full. In determining if any of the foregoing limitations regarding the making of loans to Participants, loans made under all other plans (i) sponsored by the Employer and (ii) qualified under Sections 401(a) and 501(a) of the Code will be considered. All costs and expenses of any loan will be charged to the applicable Accounts of the Participant.

- Establishment of Loan Account: At such time as it is determined that a (b) Participant is to receive a loan from the Plan, the loan shall be made from the Participant's applicable Account in the order and precedence indicated hereafter and such amount shall be deemed to be credited to the Participant's Loan Account with a corresponding debit to occur to (i) first, an Account holding Employer contributions, including "rollover contributions" (other than Deferred Compensation Contributions, if applicable); (ii) second, an Account holding Deferred Compensation Contributions, if applicable; and (iii) third, an Account holding contributions picked up and assumed by the Employer pursuant to Section 4.7 of this Plan. All interest payments to be made pursuant to the terms and provisions of the loan shall be credited to the applicable Account in such a manner so that the Loan Account will reflect unpaid principal and interest from time to time. The earnings attributable to the Loan Account shall be allocable only to the Loan Account of such Participant and shall not be considered as general earnings of the Trust Fund to be allocated to the other Participants therein as provided herein. Other than for the limited purposes of establishing a separate account for the allocation of the interest thereto, a Participant's Loan Account shall, for all other purposes, be considered as part of his applicable Account.
- (c) Foreclosure of Loan Account: The Trustees may foreclose upon such Participant's interest in his Account in the event of default under the loan made to the Participant under this Section.
- (d) Special Restrictions on Foreclosure: In the event of default under a loan made under this Section, foreclosure under the promissory note evidencing such loan and attachment of the Participant's interest in his applicable Accounts shall occur within a reasonable time

following the event of default; provided, with respect to any portion of a loan secured by amounts governed under Section 401(k) of the Code, if applicable, foreclosure on such 401(k) amounts shall not occur until the occurrence of an event described under Section 401(k) of the Code which would otherwise permit a distribution to be made from the Plan.

- (e) Establishment of Loan Program: The Trustees are hereby authorized and directed to establish a "loan program" (the "Loan Program") and the Trustees are further authorized to delegate to the Committee the duties and responsibilities with regard to the implementation of the Loan Program as adopted by the Trustees for and on behalf of the Plan. The Loan Program shall be considered to be a part of this Plan for the purposes stated in the Loan Program.
- (f) Loan Account: The words "Loan Account" shall mean a Participant's separate Account established in the event he desires to make a loan from his applicable Account as provided in this Section 6.13.
- 6.14 Required Minimum Distributions: The provisions of this Section 6.14 will apply for purposes of determining Required Minimum Distributions for distribution calendar years beginning with the 2003 calendar year, as well as Required Minimum Distributions for the 2002 Distribution Calendar Years that are made on or after August 1, 2002. The requirements of this Section will take precedence over any inconsistent provisions of the Plan. All distributions required under this Section will be determined and made in accordance with the Treasury regulations under Section 401(a)(9) and the minimum distribution incidental benefit requirement of Section 401(a)(9)(G) of the Internal Revenue Code. Notwithstanding the other provisions of this Section, distributions may be made under a designation made before January 1, 1984, in accordance with Section 242(b)(2) of the Tax Equity and Fiscal Responsibility Act (TEFRA) and the provisions of the Plan that relate to Section 242(b)(2) of TEFRA.
- (a) Limits on Distribution Periods: As of the first distribution calendar year, distributions, if not made in a single-sum, may only be made over one of the following periods (or a combination thereof): (1) the life of the participant; (2) the life of the participant and a designated beneficiary; (3) a period certain not extending beyond the life expectancy of the participant; or (4) a period certain not extending beyond the joint and last survivor expectancy of the participant and a designated beneficiary.

(b) Time and Manner of Distribution:

- (i) Required Beginning Date. The Participant's entire interest will be distributed, or begin to be distributed, to the Participant no later than the Participant's Required Beginning Date. For purposes of this Section, the "Required Beginning Date" of a Participant is the April 1 of the calendar year following the later of the calendar year in which the Participant attains age 70½ or the calendar year in which the Participant retires.
- (ii) Death of Participant Before Distributions Begin. If the Participant dies before distributions begin, the Participant's entire interest will be distributed, or begin to be distributed, no later than as follows:
 - (1) If the Participant's surviving spouse is the Participant's sole

designated Beneficiary, then, distributions to the surviving spouse will begin by December 31 of the calendar year immediately following the calendar year in which the Participant died, or by December 31 of the calendar year in which the Participant would have attained age 70½, if later.

- (2) If the Participant's surviving spouse is not the Participant's sole designated Beneficiary, then, distributions to the designated Beneficiary will begin by December 31 of the calendar year immediately following the calendar year in which the Participant died.
- (3) If there is no designated Beneficiary as of September 30 of the year following the year of the Participant's death, the Participant's entire interest will be distributed by December 31 of the calendar year containing the fifth anniversary of the Participant's death.
- (4) If the Participant's surviving spouse is the Participant's sole designated Beneficiary and the surviving spouse dies after the Participant but before distributions to the surviving spouse begin, this Subsection (ii), other than Subsection (ii)(1), will apply as if the surviving spouse were the Participant.

For purposes of this Subsection (ii) and Subsection (d), unless Subsection (ii)(1) applies, distributions are considered to begin on the Participant's Required Beginning Date. If Subsection (ii)(1) applies, distributions are considered to begin on the date distributions are required to begin to the surviving spouse under Subsection (ii)(4). If distributions under an annuity purchased from an insurance company irrevocably commence to the Participant before the Participant's Required Beginning Date (or to the Participant's surviving spouse before the date distributions are required to begin to the surviving spouse under Subsection (ii)(4)), the date distributions are considered to begin is the date distributions actually commence.

(iii) Forms of Distribution. Unless the Participant's interest is distributed in the form of an annuity purchased from an insurance company or in a single sum on or before the Required Beginning Date, as of the first distribution calendar year distributions will be made in accordance with Subsections (c) and (d) of this Section. If the Participant's interest is distributed in the form of an annuity purchased from an insurance company, distributions thereunder will be made in accordance with the requirements of Section 401(a)(9) of the Code and the Treasury regulations.

(c) Required Minimum Distributions During Participant's Lifetime:

- (i) Amount of Required Minimum Distribution For Each Distribution Calendar Year. During the Participant's lifetime, the minimum amount that will be distributed for each distribution calendar year is the lesser of:
- (1) the quotient obtained by dividing the Participant's Account balance by the distribution period in the Uniform Lifetime Table set forth in Section 1.401(a)(9)-9, Q&A-2, of the Treasury regulations, using the Participant's age as of the Participant's birthday in the distribution calendar year; or
- (2) if the Participant's sole designated Beneficiary for the distribution calendar year is the Participant's spouse, the quotient obtained by dividing the Participant's Account balance by the number in the Joint and Last Survivor Table set forth in Section

1.401(a)(9)-9, Q&A-3, of the Treasury regulations, using the Participant's and spouse's attained ages as of the Participant's and spouse's birthdays in the distribution calendar year.

(ii) Lifetime Required Minimum Distributions Continue Through Year of Participant's Death. Required minimum distributions will be determined under this Subsection (c) beginning with the first distribution calendar year and up to and including the distribution calendar year that includes the Participant's date of death.

(d) Required Minimum Distributions After Participant's Death:

(i) Death On or After Date Distributions Begin.

- (1) Participant Survived by Designated Beneficiary. If the Participant dies on or after the date distributions begin and there is a designated Beneficiary, the minimum amount that will be distributed for each distribution calendar year after the year of the Participant's death is the quotient obtained by dividing the Participant's Account balance by the longer of the remaining life expectancy of the Participant or the remaining life expectancy of the Participant's designated Beneficiary, determined as follows:
- a. The Participant's remaining life expectancy is calculated using the age of the Participant in the year of death, reduced by one for each subsequent year.
- b. If the Participant's surviving spouse is the Participant's sole designated Beneficiary, the remaining life expectancy of the surviving spouse is calculated for each distribution calendar year after the year of the Participant's death using the surviving spouse's age as of the spouse's birthday in that year. For distribution calendar years after the year of the surviving spouse's death, the remaining life expectancy of the surviving spouse is calculated using the age of the surviving spouse as of the spouse's birthday in the calendar year of the spouse's death, reduced by one for each subsequent calendar year.
- c. If the Participant's surviving spouse is not the Participant's sole designated Beneficiary, the designated Beneficiary's remaining life expectancy is calculated using the age of the Beneficiary in the year following the year of the Participant's death, reduced by one for each subsequent year.
- (2) No Designated Beneficiary. If the Participant dies on or after the date distributions begin and there is no designated Beneficiary as of September 30 of the year after the year of the Participant's death, the minimum amount that will be distributed for each distribution calendar year after the year of the Participant's death is the quotient obtained by dividing the Participant's Account balance by the Participant's remaining life expectancy calculated using the age of the Participant in the year of death, reduced by one for each subsequent year.

(ii) Death Before Date Distributions Begin.

(1) Participant Survived by Designated Beneficiary. If the Participant dies before the date distributions begin and there is a designated Beneficiary, the minimum amount that will be distributed for each distribution calendar year after the year of the

Participant's death is the quotient obtained by dividing the Participant's Account balance by the remaining life expectancy of the Participant's designated Beneficiary, determined as provided in Subsection (i).

- (2) No Designated Beneficiary. If the Participant dies before the date distributions begin and there is no designated Beneficiary as of September 30 of the year following the year of the Participant's death, distribution of the Participant's entire interest will be completed by December 31 of the calendar year containing the fifth anniversary of the Participant's death.
- (3) Death of Surviving Spouse Before Distributions to Surviving Spouse Are Required to Begin. If the Participant dies before the date distributions begin, the Participant's surviving spouse is the Participant's sole designated Beneficiary, and the surviving spouse dies before distributions are required to begin to the surviving spouse under Subsection (b)(ii)(1), this Section 6.14(ii) will apply as if the surviving spouse were the Participant.

(e) Definitions:

- (i) **Designated Beneficiary**. The individual who is designated as the Beneficiary under Section 6.11 of the Plan and is the designated Beneficiary under Section 401(a)(9) of the Internal Revenue Code and Section 1.401(a)(9)-4 of the Treasury regulations.
- (ii) Distribution Calendar Year. A Calendar Year for which a minimum distribution is required. For distributions beginning before the Participant's death, the first Distribution Calendar Year is the calendar year immediately preceding the Calendar Year which contains the Participant's Required Beginning Date. For distributions beginning after the Participant's death, the first Distribution Calendar Year is the calendar year in which distributions are required to begin under Subsection (b)(ii). The Required Minimum Distribution for the Participant's first Distribution Calendar Year will be made on or before the Participant's Required Beginning Date. The Required Minimum Distribution for other Distribution Calendar Years, including the Required Minimum Distribution for the Distribution Calendar Year in which the Participant's Required Beginning Date occurs, will be made on or before December 31 of that distribution calendar year.
- (iii) Life Expectancy. Life Expectancy as computed by use of the Single Life Table in Section 1.401(a)(9)-9, Q&A-1 of the Treasury regulations.
- (iv) Participant's Account Balance. The Account Balance as of the last valuation date in the calendar year immediately preceding the distribution calendar year (valuation calendar year) increased by the amount of any contributions made and allocated or forfeitures allocated to the Account Balance as of dates in the valuation calendar year after the valuation date and decreased by distributions made in the valuation calendar year after the valuation date. The Account Balance for the valuation calendar year includes any amounts rolled over or transferred to the Plan either in the valuation calendar year or in the distribution calendar year if distributed or transferred in the valuation calendar year.
- 6.15 Withdrawals from Participant Rollover Account: A Participant may request and receive a distribution from his Participant Rollover Account at any time, even if he or she has not terminated employment, unless the rollover was from a defined benefit retirement plan sponsored by the Employer.

ARTICLE VII. <u>Notices</u>

- 7.1 **Notice to Oklahoma Municipal Retirement Fund:** As soon as practicable after a Participant ceases to be in the employ of the Employer, the Committee shall give written notice to the Oklahoma Municipal Retirement Fund. The notice shall include such of the following information and directions as are necessary or advisable under circumstances:
 - (a) name and address of the Participant;
 - (b) reason he ceased to be in the Employer's employ;
- (c) name and address of the Beneficiary or Beneficiaries in case of Participant's death;
- (d) percentage or amount to which such Participant is entitled in case of termination of employment;
 - (e) time, manner and amount of payments to be made to such Participant; and
 - (f) information required to complete the Trustee's Withholding Election Form.

As soon as practicable after the Committee learns of the death of a Participant, it shall give like notice to the Oklahoma Municipal Retirement Fund.

- 7.2 **Subsequent Notices:** At any time and from time to time after giving the notice as provided for in Section 7.1, the Committee may modify such original notice or any subsequent notice by means of a further written notice or notices to the Oklahoma Municipal Retirement Fund, but any action taken or payments made by the Oklahoma Municipal Retirement Fund pursuant to a prior notice shall not be affected by a subsequent notice.
- 7.3 **Copy of Notice:** A copy of each notice provided for in Sections 7.1 and 7.2 shall be mailed by the Committee to the Participant or to each Beneficiary involved, as the case may be, but if, for any reason, such copy is not sent or received, that fact shall not affect the validity of any notice to the Oklahoma Municipal Retirement Fund nor the validity of any action taken or payment made pursuant thereto.
- 7.4 Reliance Upon Notice: Upon receipt of any notice as provided in this Article VII, the Oklahoma Municipal Retirement Fund shall promptly take whatever action and make whatever payments are called for therein, it being intended that the Oklahoma Municipal Retirement Fund may rely upon the information and directions in such notice absolutely and without question. However, the Oklahoma Municipal Retirement Fund may call to the attention of the Committee any error or oversight which the Oklahoma Municipal Retirement Fund believes to exist in any notice.

ARTICLE VIII. <u>Amendment and Termination</u>

- 8.1 **Termination of Plan:** The Employer may at any time, effective as specified, terminate the Plan and may direct and require the Oklahoma Municipal Retirement Fund to liquidate the Fund. In the event the Employer shall for any reason cease to exist, the Plan shall terminate and the Fund shall be liquidated. In the event of the termination, partial termination, or complete discontinuance of contributions hereunder, the Account balances of each Participant will become nonforfeitable.
- 8.2 Suspension and Discontinuance of Contributions: If the governing body of the Employer decides it is impossible or inadvisable to continue to make contributions to the Plan, it shall have the power by appropriate resolution or decision to:
 - (a) suspend contributions to the Plan;
 - (b) discontinue contributions to the Plan; or
 - (c) terminate the Plan.

Suspension shall be a temporary cessation of contributions and shall not constitute or require a termination of the Plan. A discontinuance of contributions shall not constitute a formal termination of the Plan and shall not preclude later contributions but all Municipality Contribution Accounts not theretofore fully vested shall become fully vested in the respective Participants notwithstanding the provisions of Section 6.4. In such event, Employees who become eligible to enter the Plan subsequent to the discontinuance shall receive no benefits. After the date of a discontinuance of contributions, the Trust shall remain in existence as provided in this Section 8.2 and the provisions of the Plan and Trust shall remain in force. A certified copy of such decision or resolution shall be delivered to the Oklahoma Municipal Retirement Fund, and as soon as possible thereafter the Oklahoma Municipal Retirement Fund shall send or deliver to each Participant or Beneficiary concerned a copy thereof.

8.3 Liquidation of Trust Fund: Upon a complete termination or upon a partial termination of the Plan, unless the Employer's successor shall elect to continue the Plan, the Accounts of all Participants and Beneficiaries shall thereupon be and become fully vested. Upon a complete termination, the Oklahoma Municipal Retirement Fund shall convert the proportionate interest of such Participants and Beneficiaries in the Trust Fund to cash and, after deducting all charges and expenses, the Oklahoma Municipal Retirement Fund shall adjust the balances of such Accounts as provided in Section 5.5 treating the termination date as the current Valuation Date.

Thereafter, the Oklahoma Municipal Retirement Fund shall distribute as soon as administratively feasible the amount to the credit of each such Participant and Beneficiary as the Committee shall direct.

8.4 Amendments: Each Employer agrees to adopt any amendments to this Plan which are necessary for an initial or continued determination that the Plan is a qualified, tax exempt plan under Sections 401(a) and 501(a) of the Code. Any such amendments will be an amendment of the Employer's separate Plan if approved by the Trustee. The Employer may amend its separate

Plan in any respect and at any time, subject to the limitations of the Plan, by amendment of or addition to the Joinder Agreement. However, the Oklahoma Municipal Retirement Fund reserves the right to approve all Employer amendments.

8.5 **Provider's Power to Amend for Adopting Employers:** The Provider, as defined in section 4.08 of Rev. Proc. 2017-41, may amend any part of the Plan. However, for purposes of reliance on an Opinion Letter (as defined in Rev. Proc. 2017-41), the Provider will no longer have the authority to amend the Plan on behalf of the Employer as of the date (1) the Employer amends the Plan to incorporate a type of plan described in section 6.03 of Rev. Proc. 2017-41 that is not permitted under the Pre-Approved Plan program, or (2) the Internal Revenue Service notifies the Employer, in accordance with section 8.06(3) of Rev. Proc. 2017-41, that the Plan is an individually designed plan due to the nature and extent of Employer amendments to the Plan.

ARTICLE IX. Employment Transfers

9.1 Transfers from This Plan:

- (a) To Another Category with This Employer: If a Participant is employed by the Employer and is transferred to employment with this Employer but under another department, classification or category, so that he is no longer eligible to participate in this Plan, such participation shall thereupon cease and his Account balance shall remain in the Fund and will continue to accrue interest but he will not continue to accrue Service for the purpose of additional vesting credit for benefits under this Plan. However, if an Employee participates in any other plan sponsored by the Employer within the Fund, he or she will continue to accrue service under this Plan for vesting purposes only.
- (b) To Another Municipality: If a Participant's employment by the Employer is terminated by virtue of his transfer to employment with another Municipality, his membership in this Plan shall thereupon cease and he shall be subject to the following rules and requirements relating to this Plan and his right and benefits hereunder, to-wit:
- (i) if he is fully vested under this Plan as of the date of such employment transfer, he shall be entitled to take any distribution, full or partial, without any effect on his current vesting status; or
- (ii) if he is not fully vested under this Plan as of the date of such employment transfer, and he is, immediately upon such transfer of employment, covered by the retirement system under which such other Municipality participates in the Oklahoma Municipal Retirement Fund, he will continue to accrue Service for the purpose of additional vesting credit for benefits under this Plan. However, upon any distribution (that would not be optional to an active Employee), full or partial, vesting will stop and any unvested balance, if any, will be forfeited.

9.2 Transfers to This Plan:

- (a) From Another Category with This Employer: If a person becomes a Participant immediately upon his transfer from full-time, regular employment with this Employer under another department, classification or category where he is ineligible for membership only because of the type of such employment, his Service accrued by virtue of such prior employment shall not be counted in determining his vesting credit for benefits hereunder.
- (b) From Another Municipality: If a person becomes a Participant immediately upon his transfer from full-time, regular employment with a Municipality other than this Employer, his Service accrued by virtue of such prior employment shall be counted in determining his vesting credit for benefits hereunder, and he shall also be subject to all the other provisions of this Plan. A Participant's eligibility for membership under this Plan will be determined by applying the eligibility requirements in the Joinder Agreement as though the date which his credited Service from the other Municipality began was his date of employment with this Employer. Service from such prior employment will however be ignored in its entirety upon any distribution from that Municipality, full or partial, if taken prior to its full vesting.

- (c) Previously Fully Vested With Another Municipality: With respect to a Participant who was previously 100% vested in any other Municipality's qualified retirement plan prior to becoming a Participant in this Plan, such Participant's "Service" for purposes of determining years of service for vesting under this Plan shall include the Participant's last continuous period during which the Participant was an Employee of the other Municipality.
- 9.3 **Notice of Transfers:** Immediately after any transfer of employment referred to in Sections 9.1 or 9.2, the transferred Participant shall give written notice of such transfer to the Authorized Agent on a form furnished by the Authorized Agent. Such Participant shall not be penalized, however, for failure to give such notice. The Authorized Agent shall give immediate notice in writing of such transfers to the Trust Service Provider and the Committee.
- 9.4 **Transfer from Other Qualified Plans:** The Employer may cause to be transferred to the Oklahoma Municipal Retirement Fund all or any of the assets held in respect to any plan or trust which satisfied the applicable requirements of the Code relating to qualified plans and trusts, which is maintained by the Employer for the benefit of its Employees. Any such assets so transferred shall be accompanied by written instructions from the Employer, or the trustee or custodian or the individual holding such assets, setting forth the Participants for whose benefit such assets have been transferred and showing separately the respective contributions by the Employer and by the Participants and the current value of the assets attributable thereto. Upon receipt of such assets and instructions the Oklahoma Municipal Retirement Fund shall thereafter proceed in accordance with the provisions of the Fund.
- 9.5 Rollover Contributions: A Participant who is or was entitled to receive an eligible rollover distribution, as defined in Code Section 402(c)(4) and Treasury Regulations issued thereunder, from a qualified plan described in Section 401(a) or 403(a) of the Code (including after-tax employee contributions), an annuity contract described in Section 403(b) of the Code (including after-tax employee contributions, or an eligible plan under Section 457(b) of the Code which is maintained by a state, political subdivision of a state, or any agency or instrumentality of a state or political subdivision of a state, or an individual retirement account may elect to contribute all or any portion of such distribution to the Trust directly from such qualified plan, annuity contract or eligible plan, or within 60 days of receipt of such distribution to the Participant. Rollover Contributions shall only be made in the form of cash, or, if and to the extent permitted by the Employer with the consent of the Trustee, promissory notes evidencing a plan loan to the Participant; provided, however, that Rollover Contributions shall only be permitted in the form of promissory notes if the Plan otherwise provides for loans.

The Committee shall develop such procedures and require such information from Participants as it deems necessary to ensure that amounts contributed under this Section 9.5 meet the requirements for tax-deferred rollovers established by this Section 9.5 and by Code Section 402(c). No Rollover Contributions may be made to the Plan until approved by the Committee.

If a Rollover Contribution made under this Section 9.5 is later determined by the Administrator not to have met the requirements of this Section 9.5 or of the Code or Treasury regulations, then, within a reasonable time after such determination is made, the amounts then held in the Trust attributable to such Rollover Contribution shall be distributed to the Employee.

A Participant's Rollover Contributions Account shall be subject to the terms of the Plan except as otherwise provided in this Section 9.5.

Notwithstanding any other provision of this Section 9.5, the Employer may direct the Trustee not to accept Rollover contributions.

9.6 **Transfer to Other Qualified Plans:** The Employer, by written direction to the Oklahoma Municipal Retirement Fund, may transfer some or all of the assets held under the Fund to another plan or trust meeting the requirements of the Code relating to qualified plans and trusts. In the case of any merger or consolidation with, or transfer of assets and liabilities to, any other plan, provisions shall be made so that each Participant in the Plan on the date thereof (if the Plan then terminated) would receive a benefit immediately after the merger, consolidation or transfer which is equal to or greater than the benefit he would have been entitled to receive immediately prior to the merger, consolidation or transfer (if the Plan had then terminated).

9.7 Rollover to Another Plan or IRA:

- (a) General: Notwithstanding any provision of the Plan to the contrary that would otherwise limit a Distributee's election under this Section, a Distributee may elect, at the time and in the manner prescribed by the Committee, to have any portion of an Eligible Rollover Distribution paid directly to an Eligible Retirement Plan specified by the Distributee in a Direct Rollover. The Committee shall establish procedures for implementing such Direct Rollover distribution.
- **(b) Definitions:** For purposes of this Section 9.7, the following definitions shall apply:
- "Eligible Rollover Distribution": An "Eligible Rollover Distribution" is any distribution of all or any portion of the balance to the credit of the Distributee, except that an Eligible Rollover Distribution does not include: any distribution that is one of a series of substantially equal periodic payments (not less frequently than annually) made for the life (or life expectancy) of the Distributee or the joint lives (or joint life expectancies) of the Distributee and the Distributee's designated Beneficiary, or for a specified period of 10 years or more; any distribution to the extent such distribution is required under Section 401(a)(9) of the Code; the portion of any distribution that is not includable in gross income (determined without regard to the exclusion for net unrealized appreciation with respect to Employer Stock); and any distributions attributable to a hardship. With respect to distributions made after December 31, 2001, for purposes of the direct rollover provisions in Section 9.7 of the Plan, a portion of a distribution shall not fail to be an eligible rollover distribution merely because the portion consists of after-tax employee contributions which are not includible in gross income. However, such portion may be transferred only to (i) an individual retirement account or annuity described in Section 408(a) or (b) of the Code or, effective for distributions on or after January 1, 2008, a Roth individual retirement account of annuity described in Section 408A of the Code, or (ii) a qualified defined contribution plan described in Section 401(a) or 403(a) of the Code that agrees to separately account for amounts so transferred, including separately accounting for the portion of such distribution which is includible in gross income and the portion of such distribution which is not so includible.

- "Eligible Retirement Plan": An "Eligible Retirement Plan" is an (ii) individual retirement account described in Section 408(a) of the Code, an individual retirement annuity described in Section 408(b) of the Code, an annuity plan described in Section 403(a) of the Code, or a qualified plan described in Section 401(a) of the Code, an annuity contract described in Section 403(b) of the Code and an eligible plan under Section 457(b) of the Code which is maintained by a state, political subdivision of a state, or any agency or instrumentality of a state or political subdivision of a state and which agrees to separately account for amounts transferred into such plan from this Plan; or, effective January 1, 2008, a Roth IRA described in Code Section 408A(b), that accepts the Distributee's Eligible Rollover Distribution. However, in the case of an Eligible Rollover Distribution to the surviving spouse or a Participant's surviving Beneficiary, an Eligible Retirement Plan is an individual retirement account or individual retirement annuity. The definition of Eligible Retirement Plan shall also apply in the case of a distribution to a surviving spouse, or to a spouse or former spouse who is the alternate payee under a qualified domestic relation order, as defined in Section 414(p) of the Code. If any portion of an Eligible Rollover Distribution is attributable to payments or distributions from a designated Roth account, an Eligible Retirement Plan with respect to such portion shall include only another designated Roth account of the individual from whose account the payments or distributions were made, or a Roth IRA of such individual. In the case of a nonspouse beneficiary, the direct rollover may be made only to an individual retirement account or annuity described in Code Section 408(a) or 408(b) ("IRA") that is established on behalf of the designated Beneficiary and that will be treated as an inherited IRA pursuant to the provisions of Code Section 402(c)(ii). Further, the determination of any required minimum distribution under Code Section 401(a)(9) that is ineligible for rollover shall be made in accordance with IRS Notice 2007-7, O&A 17 and 18, 2007-5 I.R.B. 395.
- (iii) "Distributee": A "Distributee" includes a Participant or former Participant. In addition, the Participant's spouse or former Participant's surviving spouse or surviving Beneficiary (effective January 1, 2007) and the Participant's or former Participant's spouse or former spouse who is the alternate payee under a qualified domestic relations order, as defined in Section 414(p) of the Code, are distributees with regard to the interest of the spouse or former spouse.
- (iv) "Direct Rollover": A "Direct Rollover" is a payment by the Plan directly to the Eligible Retirement Plan specified by the Distributee.
- 9.8 Requirements for Rollover by Individuals: An Employee (whether or not a Participant under this Plan), who, as a result of a termination of another plan qualified under Section 401(a) of the Code, a termination of employment, disability or attainment of age 59½ years, has had distributed to him his entire interest in a plan which meets the requirements of Section 401(a) of the Code (hereinafter referred to as the "Other Plan") may, in accordance with procedures approved by the Committee, transfer all or any part of the distribution received from the Other Plan to the Trustees under this Plan, provided the following conditions are met:
- (a) the transfer occurs on or before the 60th day following his receipt of the distribution from the Other Plan, or, if such distribution had previously been deposited in an individual retirement account (as defined in Section 408 of the Code), the transfer occurs on or

before the 60th day following his receipt of such distribution, plus earnings thereon from such individual retirement account;

- (b) the distribution from the Other Plan qualifies as a lump sum distribution within the meaning of Subsection 402(e)(4)(A) of the Code or is a result of a termination of another plan qualified under Section 401(a) of the Code; and
- (c) the amount transferred shall not exceed the distribution he received from the Other Plan, less the amount, if any, considered contributed by him in accordance with Subsection 402(e)(4)(D)(i) of the Code, plus earnings thereon during the period, if any, in which the amount was held in an individual retirement account.

9.9 Transfers From Another Qualified Plan:

- (a) With respect to an Employee (whether or not a Participant under this Plan), who has an undistributed account balance in another plan which meets the requirements of Section 401(a) of the Code (hereinafter referred to as the "Other Plan"), the Committee may, in its sole discretion, approve a direct transfer of such account balance from the Other Plan to the Trustees under this Plan.
- (b) If the Plan receives a direct transfer (by merger or otherwise) of elective contributions (or amounts treated as elective contributions) under a plan with a Section 401(k) arrangement, the distribution restrictions of Sections 401(k)(2) and (10) of the Code continue to apply to those transferred elective contributions.
- 9.10 **Procedures:** With respect to transfers under either Section 9.8 or 9.9 herein, the Committee shall develop such procedures, and may require such information from an Employee or the fiduciaries of the Other Plan desiring to make such a transfer, as it deems necessary or desirable to determine that the proposed transfer will meet requirements of this Article and the law. Upon approval by the Committee, the amount transferred shall be deposited in the Trust Fund and shall be credited to a Rollover Account established in the Employee's name. Such Account shall be 100% vested in and nonforfeitable by the Employee, shall share in increases and decreases thereon determined in accordance with the Plan, but shall not share in Employer Contributions or Forfeitures. Upon termination of employment, the total amount of Employee's Participant Rollover Account shall be distributed as part of his Benefit.

ARTICLE X. Administration

- 10.1 Administration: The Plan shall be administered by the Committee which is hereby created and established and which shall be composed of the members of the City Council of the Employer. The duties of the Committee shall be performed without compensation other than the compensation, if any, which they receive as officers of the Employer unless additional compensation is specifically provided for by action of the City Council. Any usual and reasonable expenses incurred by the Committee in the administration of this Fund and Plan shall be paid by the Employer.
- (a) Committee: The Committee shall have such powers as may be necessary to discharge its duties hereunder and under the document creating the Oklahoma Municipal Retirement Fund, and under the contract for the pooling of the Fund with similar funds of other Municipalities. Such powers shall include but not be limited to the following powers and duties:
- (1) to delegate to, specify, direct, and supervise the performance of duties of the Authorized Agent, as the agent of the Employer and Committee in matters relating to the Plan, the Fund, and the Oklahoma Municipal Retirement Fund, including but not limited to, the duties set forth below in Subsection 10.1(b) and including any duties of the Employer under the Plan, or as set forth in this Subsection 10.1(a);
- (2) acting by direction to the Authorized Agent to file a petition for nomination, or otherwise nominate, and cause the ballot for the election of Trustees of the Oklahoma Municipal Retirement Fund;
- (3) to construe and interpret the Plan and resolve any ambiguities with respect to any of the terms and provisions thereof as written and as applied to the operation of the Plan;
- (4) to decide all questions of eligibility and determine the amount, manner and time of payment of any benefits hereunder;
- (5) to prescribe procedures to be followed by Participants in filing applications for benefits;
- (6) to make a determination as to the right of any person to a benefit and to afford any person dissatisfied with such determination the right to a hearing thereon;
- (7) to receive from the Employer, the Trustees, the Trust Service Provider and the Authorized Agent, such information as shall be necessary for the proper administration of the Plan;
- (8) to prepare and distribute, in such manner as it determines to be appropriate, information explaining the Plan;
- (9) to furnish the Employer, upon request, such annual reports with respect to the administration of the Plan as are reasonable and appropriate;

- (10) to receive and review reports from the auditor appointed by the Trustees, the City Treasurer and City Auditors, of the financial condition of the Fund;
- (11) to have full power, to manage and control, the Plan and Fund and to authorize in writing, all payments from the Fund by written direction of the Authorized Agent, or otherwise;
- (12) to sue in any court of competent jurisdiction for the enforcement of any contract, claim or other right, and to defend against or to compromise, settle or otherwise dispose of any claim or suit against the Employer, the Plan, or the City Treasurer, as Treasurer of the Plan; and
 - (13) to appoint such person or persons as necessary to perform the following:
 - a. to receive and separately account for, payments, appropriations, apportionments, allocations, payroll deductions, and any other assets, which are for, or consist of contributions or assets under the Plan for the Fund, which are made by the Employer, the Participants, or from any other source;
 - b. to transfer, remit, pay over and deliver, upon the written direction of the Authorized Agent, as soon as practicable after his receipt thereof, all such contributions and assets, to the Oklahoma Municipal Retirement Fund for management and investment;
 - c. to keep as evidence and permanent records, all such written directions of the Authorized Agent for such transfers and disbursements, maintain accurate accounts and records of such receipts, transfers and disbursements, and keep such other records and furnish such information and advice to the Employer, the City Council, the Committee and the Authorized Agent as may be necessary and proper for the performance of such duties in coordinating the administration and operation of the Plan;
 - d. maintain such records including vital statistics on health, age, sex, birth, death, Compensation and length of Service of all the Participants of the Employer or their beneficiaries who are included in the Plan or who are, or may become eligible for such inclusion, as are necessary for the proper administration of the Plan, and furnish such information as is requested by the Authorized Agent, or is requested by the Administrator;
 - e. notify the Authorized Agent when any Participant is eligible for Retirement under the Plan; and
 - f. attend meetings of the Committee while matters pertaining to the Plan, the Employees or their beneficiaries are under consideration.

The Committee shall have no power to waive or fail to apply any requirements of eligibility for a Benefit under the Plan. The Committee may adopt such rules, regulations and actuarial tables as it deems necessary or desirable to administer the Plan. All such rules,

regulations and decisions shall be uniformly and consistently applied to all Employees in similar circumstances.

Any such rule or decision which is not inconsistent with the provisions of the Plan shall be conclusive and binding upon all persons affected by it and there shall be no appeal from any ruling by the Committee which is within its authority.

When making a determination or calculation, the Committee shall be entitled to rely upon information furnished by the Trustees, the Trust Service Provider, the Employer, the Authorized Agent, the legal counsel of the Employer, or the actuary for the Plan.

- (b) Authorized Agent: An Authorized Agent shall be designated in writing by the Committee and shall act as the agent of the Employer (but not the agent of the Trustees or the Trust Service Provider of the Oklahoma Municipal Retirement Fund) in matters pertaining to the Plan, the Fund and the Oklahoma Municipal Retirement Fund, to centralize in one person the local administration and coordination thereof, and to file payroll and contribution information, to file claims, forms and applications for Participants, and to advise Participants, the Employer and the Committee. The Authorized Agent, under the control and direction of the Committee, shall have such general duties as the Employer and the Committee may deem necessary and proper for such purposes, which duties shall include but not be limited to, the following:
- (1) to coordinate the deduction of Participant contributions and to see that Employer and Participant contributions are properly received and forwarded promptly to the Oklahoma Municipal Retirement Fund for management and investment;
- (2) to forward any communications directed to Participants and beneficiaries by the Trustees, the Trust Service Provider or the Oklahoma Municipal Retirement Fund;
- (3) to lend assistance to Participants and beneficiaries in filing applications for benefits, and in communicating with the Employer, the Committee and the Trustees or the Trust Service Provider of the Oklahoma Municipal Retirement Fund and to forward such communications to the addressees;
- (4) to assist the Committee in determining whether or not Employees are eligible for participation in the Plan;
- (5) to certify at the direction of the Committee that a Participant is on an authorized leave of absence, paid or unpaid; and
- (6) to file at the direction of the Committee a petition or nomination, and cast a ballot for election of Trustees of the Oklahoma Municipal Retirement Fund.
- (c) Plan Counselor: The Committee of the Employer shall appoint the legal advisor of the Employer and the Committee, and such legal advisor shall represent them in any legal matters, proceedings, or litigation.
- 10.2 **Bonds:** No bond to secure the performance of administrative duties in the operation of the Plan and Fund, shall be required of any persons or organizations unless required by law, or unless required by the Trust Indenture establishing The Oklahoma Municipal Retirement Fund, or unless required by the Employer for any persons or organizations engaged in the

administration of the Plan. If such a bond is required by law, the Trustees or the Employer, the premiums therefor shall be paid as expenses of the Oklahoma Municipal Retirement Fund as to its members, agents, employees, Municipal Retirement Fund, or as expenses of the Employer as to the administration of the Plan. Any agents, officials or Employees of the Employer engaged in the administration of the Plan shall be covered as to the performance of such administrative duties, by any official or other bond covering their regular duties otherwise.

10.3 **Benefit Payments:** All benefits are to be paid pursuant to the provisions of the Plan out of the applicable portion of the Oklahoma Municipal Retirement Fund.

10.4 Abandonment of Benefits:

- (a) If, anytime following the date either of a Participant or Beneficiary of a deceased Participant becomes entitled to receive any non-deferred benefits under the Plan, then, if the whereabouts of such Participant or Beneficiary is unknown, the benefits may be forfeited in certain limited circumstances as provided hereafter. If the Committee has mailed to the Participant or Beneficiary notice of the present right to receive benefits, and the Committee mails such notice again after one year, then, if no claim has been received by the second anniversary of the first mailing of the notice, the Accounts representing unclaimed Benefits (including those holding Employee contributions) can be forfeited pursuant to Section 5.4 herein.
- (b) Each Participant and Beneficiary shall file with the Committee, from time to time in writing, their post office address and each change of post office address, if any, and the Committee shall not be obliged to search for or ascertain the whereabouts of any Participant or Beneficiary. Any communication addressed to a Participant or Beneficiary at their last post office address filed with the Committee, or if no such address was filed, then at their last post office address as shown on the Employer's records, shall be binding on the Participant and the Beneficiary for all purposes of the Plan and Trust.
- (c) In the event that the whereabouts of a lost Participant, or lost Beneficiary of a deceased Participant, ever becomes known to the Committee, and either of such parties makes a claim for benefits, the Committee shall, if the Plan is in existence, reinstate any Benefits which have been previously forfeited to satisfy such claim; provided, the amount reinstated shall, in any event, be equal to the amount of the forfeited benefit unadjusted by any increases or decreases under Section 5.6 herein occurring after such forfeitures were allocated. Reinstated Forfeitures shall be satisfied from the following sources in the priority indicated: (i) unallocated Forfeitures, (ii) unallocated Fund increases, or (iii) Employer contributions which the Employer shall make if necessary to satisfy such reinstatement. For purposes of this Subsection (c), the limitations under Section 415 of the Code shall not apply.
- 10.5 **Benefits Payable to Incompetents:** Any payments due hereunder to a minor or other person under legal disability may be made, at the discretion of the Committee, to a valid power of attorney, a court appointed guardian, or any other person authorized under state law to receive the benefit. The Committee shall not be required to see to the application of any such payment, and the payee's receipt shall be a full and final discharge of all responsibility hereunder of the Employer, the Committee and the Trustees.

ARTICLE XI. General

- 11.1 **USERRA:** Notwithstanding any provision of this Plan to the contrary, effective December 12, 1994, contributions, benefits and service credit with respect to qualified military service will be provided in accordance with Section 414(u) of the Code. A Participant returning from military service shall not be entitled to catch-up on Pick-Up Contributions missed during such military service.
- 11.2 Not Contract Between Employer and Participant: Neither the creation of this Plan, nor any amendment to it, nor the creation of any fund, nor the payment of benefits hereunder shall be construed as giving any legal or equitable right to any Participant against the Employer or against the Oklahoma Municipal Retirement Fund, except as provided herein, and all liabilities under this Plan shall be satisfied, if at all, only out of the Fund held by the Oklahoma Municipal Retirement Fund. Participation in the Plan shall not give any Participant any right to be retained in the employ of the Employer, and the Employer hereby expressly retains the right to hire and discharge any Participant at any time with or without cause, as if this Plan had not been adopted, and any such discharged Participant shall have only such rights or interests in the Fund as may be specified herein.
- 11.3 **Payment of Fees:** The Employer shall pay a fee in an amount determined and revised from time to time by the Oklahoma Municipal Retirement Fund.
- 11.4 Governing Law: The validity, construction and administration of this Plan shall be determined under the laws of the State of Oklahoma.
- 11.5 **Counterpart Execution:** This Plan may be executed in two or more counterparts, as may be all amendments thereto be executed, and any one of the executed copies shall be deemed an original.
- 11.6 **Severability:** Every provision of this Agreement is intended to be severable. If any term or provision hereof is illegal or invalid for any reason whatsoever, such illegality or invalidity shall not affect the validity of the remainder of this Plan.
- 11.7 **Spendthrift Provisions:** Benefits payable under this Plan shall not be subject in any manner to anticipation, alienation, sale, transfer, assignment, pledge, encumbrance, charge, garnishment, execution or levy of any kind, either voluntary or involuntary, including any such liability which is for alimony or other payments for the support of a spouse or former spouse, or for any other support of a spouse or former spouse, or for any other relative of the Employee, prior to actually being received by the person entitled to the benefit under the terms of the Plan; and any attempt to anticipate, alienate, sell, transfer, assign, pledge, encumber, charge or otherwise dispose of any right to benefits payable hereunder, shall be void. The Fund shall not in any manner be liable for, or subject to, the debts, contracts, liabilities, engagements or torts of any person entitled to benefits hereunder. The preceding provisions shall not apply to the creation, assignment or recognition of a right to any benefit payable with respect to a Participant pursuant to a domestic relations order, and does not preclude the Oklahoma Municipal

Retirement Fund from complying with a court order requiring deduction from the benefits of a Participant in pay status for alimony and support payments.

- 11.8 **Maximum Duration:** Nothing herein shall be construed to suspend the power of alienation or prevent the vesting of the interest of any person in the Plan for a longer period than the duration of the lives of the designated Beneficiaries of a particular interest therein in being at the time such designation becomes irrevocable, plus twenty-one (21) years; if any provisions shall be held to violate a rule or law against restraints on alienation or remote vesting, the Plan shall not be vitiated thereby, but the Plan, or the portion of the Plan thus affected, shall immediately be distributed to those entitled as their interest shall then appear.
- 11.9 **Number and Gender:** Pronouns and other similar words used herein in the masculine gender shall be read as the feminine gender where appropriate; pronouns and other similar words used herein in the neuter gender shall be read as the masculine or feminine gender where appropriate; and the singular form of words shall be read as the plural where appropriate.
- 11.10 Compensation and Expenses of Administration: If a Trustee, a member of Oklahoma Municipal Retirement Fund, or a member of the Committee is an Employee of the Employer, he shall serve without any additional compensation. The Employer may pay all or part of the expenses of administration of the Plan, including the compensation and expenses of the Trustee. and any other expenses incurred at the direction of the Oklahoma Municipal Retirement Fund, including, without limitation, fees of actuaries, accountants, attorneys, investment managers, investment advisors and other specialists, and any other costs of administering the Plan. To the extent that any of such expenses are not paid by the Employer, such expenses shall be paid by the Oklahoma Municipal Retirement Fund out of the Fund. In addition, the Plan or Trustees shall be authorized to charge to a Participant's Account any direct expenses it incurs in connection with such Account, which shall include by example, and not by limitation, expenses resulting from a Participant's QDRO, bankruptcy or default on a Plan loan, and expenses incurred in attempting to locate a Participant. Trustees shall have the power under this Section in their sole discretion to determine the items and amounts thereof which should equitably and reasonably be charged to a particular Account. If such charges exceed the balance in a Participant's Accounts, the excess shall be charged to the general Trust Fund.
- 11.11 **Supercession of Inconsistent Provisions:** The provisions of the Plan override any conflicting provision contained in the Trust or custodial account documents used with the Plan.
- 11.12 **Mistake of Fact:** All contributions to the Plan are made subject to the correctness of the amount. In the event a contribution is made to the Plan and Trust by the Employer under a mistake of fact concerning the correctness of such contribution, then the Oklahoma Municipal Retirement Fund shall return such portion of such contribution which is in excess of the amount that would have been contributed had there not occurred a mistake of fact within one year after the payment of the contribution to the Oklahoma Municipal Retirement Fund.

In the case of amounts returned pursuant to this Section 11.12, no earnings attributable to such amounts may be returned to the Employer, but losses attributable thereto shall reduce the amount returned, and no such return shall reduce the balance of any Participant's Municipality

Contribution Accounts to less than the balance which would have been credited thereto had such amount not been contributed.

11.13 Written Notices: Any reference herein to written notices or documents or notices or elections in writing shall be deemed to include any method of communication acceptable to the Oklahoma Municipal Retirement Fund, and subject to applicable requirements of Treas. Reg. Section 1.401(a)-21.

IN WITNESS WHEREOF, and as conclusive evidence of the adoption of the foregoing instrument comprising the Plan, the Oklahoma Municipal Retirement Fund, has caused its corporate seal to be affixed hereto and these presents to be duly executed in its name and behalf by its proper officers thereunto authorized this 17th day of December, 2021.

ONL RES	OKLAHOMA MUNICIPAL RETIREMENT
AFA SEAL	By Jonno Joles
By Secretary	
STATE OF OKLAHOMA)) ss.
COUNTY OF OKLAHOMA)
be the identical person who subscrimunicipal corporation, to the foregulation that he executed the same as his free	ned a Notary Public in and for said County and State, on this personally appeared, to me known to bed the name of the Oklahoma Municipal Retirement Fund, a going instrument as its Chairperson and acknowledged to me se and voluntary act and deed and as the free and voluntary act are uses and purposes therein set forth.
	D AND SEAL OF OFFICE, the day and year last above
written.	Notary Public Photo
My Commission Expires:	My Commission No.: 21012746
(NOTARY SEAL)	
Million III	



DEPARTMENT OF THE TREASURY INTERNAL REVENUE SERVICE

WASHINGTON, D.C. 20224

Plan Description: Non-Standardized Pre-Approved Profit Sharing Plan With CODA

FFN: 317D1080001-001 Case: 201800527 EIN: 73-0781676

Letter Serial No: Q702320a Date of Submission: 12/18/2018

MCAFEE & TAFT 211 NORTH ROBINSON TWO LEADERSHIP SQUARE, 10TH FLOOR OKLAHOMA CITY, OK 73102

Contact Person: Janell Hayes Telephone Number: 513-975-6319

In Reference To: TEGE:EP:7521

Date: 06/30/2020

Dear Applicant:

In our opinion, the form of the plan identified above is acceptable for use by employers for the benefit of their employees under Internal Revenue Code (IRC) Section 401.

We considered the changes in qualification requirements in the 2017 Cumulative List of Notice 2017-37, 2017-29 Internal Revenue Bulletin (IRB) 89. Our opinion relates only to the acceptability of the form of the plan under the IRC. We did not consider the effect of other federal or local statutes.

You must provide the following to each employer who adopts this plan:

- . A copy of this letter
- . A copy of the approved plan
- . Copies of any subsequent amendments including their dates of adoption
- . Direct contact information including address and telephone number of the plan provider

Our opinion on the acceptability of the plan's form is a determination as to the qualification of the plan as adopted by a particular employer only under the circumstances, and to the extent, described in Revenue Procedure (Rev. Proc.) 2017-41, 2017-29 I.R.B. 92. The employer who adopts this plan can generally rely on this letter to the extent described in Rev. Proc. 2017-41. Thus, Employee Plans Determinations, except as provided in Section 12 of Rev. Proc. 2020-4, 2020-01 I.R.B. 148 (as updated annually), will not issue a determination letter to an employer who adopts this plan. Review Rev. Proc. 2020-4 to determine the eligibility of an adopting employer, and the items needed, to submit a determination letter application. The employer must also follow the terms of the plan in operation.

Except as provided below, our opinion doesn't apply to the requirements of IRC Sections 401(a)(4), 401(l), 410(b), and 414(s). Our opinion doesn't apply to IRC Sections 415 and 416 if an employer maintains or ever maintained another qualified plan for one or more employees covered by this plan. For this purpose, we will not consider the employer to have maintained another defined contribution plan provided both of the following are true:

- . The employer terminated the other plan before the effective date of this plan
- . No annual additions have been credited to any participant's account under the other plan as of any date within the limitation year of this plan

Also, for this purpose, we'll consider an employer as maintaining another defined contribution plan, if the employer maintains any of the following:

. A welfare benefit fund defined in IRC Section 419(e), which provides post-retirement medical benefits allocated to separate accounts for key employees as defined in IRC Section 419A(d)

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. An individual medical account as defined in IRC Section 415(I)(2), which is part of a pension or annuity plan maintained by the employer

. A simplified employee pension plan

Our opinion doesn't apply to Treasury Regulations Section 1.401(a)-1(b)(2) requirements for a money purchase plan or target benefit plan where the normal retirement age under the employer's plan is lower than age 62.

Our opinion doesn't constitute a determination that the plan is an IRC Section 414(d) governmental plan. This letter is not a ruling with respect to the tax treatment to be given contributions which are picked up by the governmental employing unit within the meaning of IRC Section 414(h)(2).

Our opinion doesn't constitute a determination that the plan is an IRC Section 414(e) church plan.

Our opinion may not be relied on by a non-electing church plan for rules governing pre-ERISA participation and coverage.

Our opinion applies to the requirements of IRC Section 410(b) if 100 percent of all non-excludable employees benefit under the plan.

Employers who choose a safe harbor allocation formula and a safe harbor compensation definition may also rely on this opinion letter for the non-discriminatory amounts requirement under IRC Section 401(a)(4).

If this plan includes a cash or deferred arrangement (CODA) or otherwise provides for contributions subject to IRC Sections 401(k) and/or 401(m), the employer may rely on the opinion letter regarding the form of the non-discrimination tests of IRC Sections 401(k)(3) and 401(m)(2), if the employer uses a safe harbor compensation definition. For plans described in IRC Sections 401(k)(12) or (13) and/or 401(m)(11) or (12), employers may rely on the opinion letter regarding whether the plan's form satisfies the requirements of those sections unless the plan provides for the safe harbor contribution to be made under another plan. For SIMPLE plans described in IRC Sections 401(k)(11) and 401(m)(10), employers may also rely on the opinion letter regarding whether the plan's form satisfies the requirements of those sections.

The provisions of this plan override any conflicting provision contained in the trust or custodial account documents used with the plan, and an adopting employer may not rely on this letter to the extent that provisions of a trust or custodial account that are a separate portion of the plan override or conflict with the provisions of the plan document. This opinion letter does not cover any provisions in trust or custodial account documents.

An employer who adopts this plan may not rely on this letter when:

- . the plan is being used to amend or restate a plan of the employer which was not previously qualified
- , the employer's adoption of the plan precedes the issuance of the letter
- . the employer doesn't correctly complete the adoption agreement or other elective provisions in the plan . the plan is not identical to the pre-approved plan (that is, the employer has made amendments that cause
- the plan not to be considered identical to the pre-approved plan, as described in Section 8.03 of Rev. Proc. 2017-41)

Our opinion doesn't apply to what is contained in any documents referenced outside the plan or adoption agreement, if applicable, such as a collective bargaining agreement.

Our opinion doesn't consider issues under Title I of the Employee Retirement Income Security Act (ERISA) which are administered by the Department of Labor.

If you, the pre-approved plan provider, have questions about the status of this case, you can call the telephone number at the top of the first page of this letter. This number is only for the provider's use.

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Individual participants or adopting eligible employers with questions about the plan should contact you.

You must include your address and telephone number on the pre-approved plan or the plan's adoption agreement, if applicable, so that adopting employers can contact you directly.

If you write to us about this plan, provide your telephone number and the best time to call if we need more information. Whether you call or write, refer to the letter serial number and file folder number at the top of the first page of this letter.

Let us know if you change or discontinue sponsorship of this plan.

Keep this letter for your records.

Sincerely Yours,

Khin M. Chow

Director, EP Rulings & Agreements

Kluin M. Chow

Letter 6186 (June-2020) Catalog Number 72434C

ORDINANCI	I. NO
OMUMANU	110.

AN ORDINANCE AMENDING THE EMPLOYEE RETIREMENT SYSTEM, CONTRIBUTION PLAN FOR THE CITY OF BARTLESVILLE, OKLAHOMA BY ADOPTING A REVISED AND RESTATED RETIREMENT PLAN; PROVIDING RETIREMENT BENEFITS FOR ELIGIBLE EMPLOYEES OF THE CITY OF BARTLESVILLE, OKLAHOMA; PROVIDING FOR PURPOSE AND ORGANIZATION; PROVIDING FOR DEFINITIONS; PROVIDING FOR ELIGIBILITY AND PARTICIPATION; PROVIDING FOR NON-ALIENATION OF BENEFITS; PROVIDING FOR EMPLOYER AND EMPLOYEE CONTRIBUTIONS; PROVIDING FOR ACCOUNTING, ALLOCATION, AND VALUATION; PROVIDING BENEFITS; PROVIDING FOR REQUIRED NOTICE; PROVIDING FOR AMENDMENTS AND TERMINATION; PROVIDING FOR TRANSFER TO AND FROM OTHER PLANS; CREATING A RETIREMENT COMMITTEE AND PROVIDING FOR POWERS, DUTIES, AND RIGHTS OF RETIREMENT COMMITTEE; PROVIDING FOR PAYMENT OF CERTAIN OBLIGATIONS; PROVIDING FOR DURATION AND PAYMENT OF EXPENSES; PROVIDING FOR EFFECTIVE DATE; PROVIDING FOR VESTING SCHEDULES; PROVIDING FOR A FUND TO FINANCE THE SYSTEM TO BE POOLED WITH OTHER INCORPORATED CITIES, TOWNS AND THEIR AGENCIES AND INSTRUMENTALITIES FOR PURPOSES OF ADMINISTRATION, MANAGEMENT, AND INVESTMENT AS PART OF THE OKLAHOMA MUNICIPAL RETIREMENT FUND; PROVIDING FOR PAYMENT OF ALL CONTRIBUTIONS UNDER THE SYSTEM TO THE OKLAHOMA MUNICIPAL RETIREMENT FUND FOR MANAGEMENT AND INVESTMENT; PROVIDING FOR REPEALER AND SEVERABILITY; ADOPTING THOSE AMENDMENTS MANDATED BY THE INTERNAL REVENUE CODE; AND DECLARING AN EMERGENCY.

BE IT ORDAINED BY THE CITY COUNCIL OF BARTLESVILLE, OKLAHOMA:

Section 1. That pursuant to the authority conferred by the laws of the State of Oklahoma, and for the purpose of encouraging continuity and meritorious service on the part of City employees and thereby promote public efficiency, there is hereby authorized created, established, and approved and adopted, effective as of April 1, 2022, the amended and restated Plan designated "Employee Retirement System of the City of Bartlesville, Oklahoma, Defined Contribution Plan," (hereinafter called System), an executed counterpart of which is marked Exhibit "A" (Joinder Agreement) and Exhibit "B" (amended and restated plan) and attached hereto as part hereof.

Section 2. FUND. A fund is hereby provided for the exclusive use and benefit of the persons entitled to benefits under the System. All contributions to such fund shall be paid over to and received in trust for such purpose by the City. Such Fund shall be pooled for purposes of management and investment with similar funds of other incorporated cities, towns, and municipal trusts in the State of Oklahoma as a part of the Oklahoma Municipal Retirement Fund in accordance with the trust agreement of the Oklahoma Municipal Retirement Fund, a public trust. The City shall hold such contributions in the form received, and from time to time pay over and transfer the same to the Oklahoma Municipal Retirement Fund, as duly authorized and directed by the Board of Trustees. The Fund shall be nonfiscal and shall not be considered in computing any levy when the annual estimate is made to the County Excise Board.

Section 3. APPROPRIATIONS. The City of Bartlesville, Oklahoma, is hereby authorized to incur the necessary expenses for the establishment, operation, and administration of the System, and to appropriate and pay the same. In addition, the City of Bartlesville, Oklahoma, is hereby authorized to appropriate annually such amounts as are required in addition to employee contributions to maintain the System and the Fund in accordance with the provisions of the Defined Contribution Plan. Any appropriation so made to maintain the System and Fund shall be for deferred wages or salaries, and for the payment of necessary expenses of operation and administration to be transferred to the trustees of the Oklahoma Municipal Retirement Fund for such purposes and shall be paid into the Fund when available, to be duly transferred to the Oklahoma Municipal Retirement Fund.

Section 4. EXECUTION. The Mayor and City Clerk be and they are each hereby authorized and directed to execute (in counterparts, each of which shall constitute an original) the System instrument,

and to do all other acts and things necessary, advisable, and proper to put said System and related trust into full force and effect, and to make such changes therein as may be necessary to qualify the same under Sections 401(a) and 501(a) of the Internal Revenue Code of the United States. The counterpart attached hereto as Exhibit "A" and Exhibit "B", which has been duly executed as aforesaid simultaneously with the passage of this Ordinance and made a part hereof, is hereby ratified and confirmed in all respects.

This Committee is hereby authorized and directed to proceed immediately on behalf of the City of Bartlesville, Oklahoma, to pool and combine the Fund into the Oklahoma Municipal Retirement Fund as a part thereof, with similar funds of such other cities and towns, for purposes of pooled management and investment.

Section 5. REPEALER. Any Ordinance inconsistent with the terms and provisions of this Ordinance is hereby repealed, provided, however, that such repeal shall be only to the extent of such inconsistency and in all other respects this Ordinance shall be cumulative of other ordinances regulating and governing the subject matter covered by this Ordinance.

Section 6. SEVERABILITY. If, regardless of cause, any section, subsection, paragraph, sentence or clause of this Ordinance, including the System as set forth in Exhibit "A" and Exhibit "B", is held invalid or to be unconstitutional, the remaining sections, subsections, paragraphs, sentences, or clauses shall continue in full force and effect and shall be construed thereafter as being the entire provisions of this Ordinance.

Section 7. EMERGENCY. Whereas, in the judgment of the City Council of the City of Bartlesville, Oklahoma, the public peace, health, safety, and welfare of the City of Bartlesville, Oklahoma, and the inhabitants thereof demand the immediate passage of this ordinance, an emergency is hereby declared, the rules are suspended, and this ordinance shall be in full force and effect on its passage and approval.

END

The undersigned hereby certifies that the fore the City of Bartlesville on the day and approved by the Mayor and City Counc	ofil, on the	, 20 day of	, and was duly adopted , 20
after compliance with notice requirements of t	the Open Meeti	ng Law (25 OSA, Sec	ctions 301, et. seq.).
	City of Bart	lesville	
	By		
	May	yor	
ATTEST:			
Clerk			
Approved as to form and legality on		· · · · · · · · · · · · · · · · · · ·	
	CITY	ATTORNEY	

OKLAHOMA MUNICIPAL RETIREMENT FUND MASTER DEFINED CONTRIBUTION PLAN JOINDER AGREEMENT

City of Bartlesville [a municipality or authority chartered, incorporated or formed under the laws of Oklahoma], a city, town, agency, instrumentality, or public trust located in the State of Oklahoma, with its principal office at Bartlesville, Oklahoma, hereby establishes a Defined Contribution Plan to be known as City of Bartlesville Plan (the "Plan") in the form of the Oklahoma Municipal Retirement Fund Master Defined Contribution Plan.

Except as otherwise provided herein, the definitions in Article II of the Plan apply.

1.

2.

This instrument is a new Plan effective("Effective Date") [such date may not be earlier than the first day of the Plan Year in which it is executed]. X	-	a cure wise provided herein, the definitions in Article It of the I fail apply.
first day of the Plan Year in which it is executed.] [X] This instrument is an amendment, restatement, and continuation of the Previous Plan, which was originally effective January 1, 2010. The effective date of this Joinder Agreement is April 1, 2022 ("Effective Date") [date may not be prior to Plan Year of the date of execution], except as otherwise stated in the Plan and the Joinder Agreement. Employee. The word "Employee" shall mean: [X] Any person, other than a Leased Employee, who, on or after the Effective Date, is considered to be a regular full-time employee in accordance with the Employer's standard personnel policies and practices, and is receiving remuneration for such services rendered to the Employer (including any elected official and any appointed officer or employee of any department of the Employer, whether governmental or proprietary in nature), including persons on Authorized Leave of Absence. Employees shall not include independent contractors. Elected members of the City Council shall not be considered to be Employees solely by reason of their holding such office. [J] Any person, other than a Leased Employee, who, on or after the Effective Date, is considered to be a regular employee in accordance with the Employer's standard personnel policies and practices (including part-time, seasonal and temporary employees), and is receiving remuneration for such services rendered to the Employer (including any elected official and any appointed officer or employee of any department of the Employer, whether governmental or proprietary in nature), including persons on Authorized Leave of Absence. Employees shall not include independent contractors. Elected members of the City Council shall not be considered to be Employees solely by reason of their holding such office. [J] Any person who, [J] on or after the Effective Date, [J] as of, holds the position of: [J] City Manager, City or Town Administrator, President, Chief Executive Officer, General Manager, or District Manager, as applicable. [J]		
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	[X]	

3.	Eligi []	ble Employees shall commence participation in the Plan: (Select only one) months (any number of months up to twelve) after the later of the Employee's Employment Commencement Date or the date the definition of Employee in Section 2 hereof was met, provided that the individual has met the definition of Employee in Section 2 hereof throughout such period. On the Employee's Employment Commencement Date. (If the Employer has opted out of Old Age and Disability Insurance (OADI), this option must be elected).
4.	Com [] [X] [X] [X] [X]	pensation of Compensation. pensation shall exclude the item(s) listed below: No exclusions. Overtime pay. Bonuses. Commissions. Longevity pay. Severance pay. Fringe benefits, expense reimbursements, deferred compensation and welfare benefits. Accrued vacation or sick leave paid upon termination of employment and moving expenses. Other: [must be definitely determinable]
5.	The I	Design. Employer hereby elects the following Plan design: Pick-up Option. Each Employee shall be required to contribute to the Plan 3.00% of his or her Compensation. These contributions shall be picked up and assumed by the Employer and paid to the Fund in lieu of contributions by the Participant. No Participant shall have the option of receiving the contributed amounts directly as Compensation.
	[X]	 Thrift Plan Option. [X] A Participant may elect to contribute to the Plan for each Valuation Period an amount which is at least 1%, but no more than 3.00% of his Compensation ("Mandatory Contributions"). Mandatory Contributions shall be made by payroll deductions. A Participant shall authorize such deductions in writing on forms approved by, and filed with the Committee. [X] The Employer shall contribute to the Fund an amount equal to 100.00% of the total Mandatory Contributions contributed by Participants. The Employer contribution shall be allocated in the proportion which the Mandatory Contributions of each such Participant for such Valuation Period bear to the total Mandatory Contributions contributed by all such Participants for such Valuation Period. Forfeitures attributable to Employer contributions under the Thrift Plan Option of this Section 5 shall be used to reduce Employer contributions under such Option.
	[X]	<u>Fixed Option</u> . The Employer shall contribute to the Fund an amount equal to <u>3.00%</u> of the total covered Compensation of all Participants for the Valuation Period. The Employer contribution shall be allocated in the proportion which the Compensation of each such Participant for such Valuation Period bears to the Compensation paid to all such Participants for such Valuation Period.
	[]	 Variable Option. [] The Employer intends to make a contribution to the Plan for the benefit of the Participants for each Valuation Period. The contribution may be varied from year to year by the Employer. (Select one option below) [] Option A: The Employer contribution shall be allocated in the proportion that each such Participant's total points awarded bear to the total points awarded to all Participants with respect to such year. A Participant shall be awarded one point for each Year of Service. [] Option B: The Employer contribution shall be allocated in the proportion which the Compensation of each such Participant for such Valuation Period bears to the
		Compensation paid to all such Participants for such Valuation Period. [] Option C: A combination of Options A and B in the following ratios: % for Option A, and % for Option B.

	101/10 0 11
[]	401(k) Option. (This Option available only if elected prior to May 1, 1986)
	Participant Deferral Elections shall be allowed under the provisions of Section 4.8 of the Plan. Participants shall be allowed to defer no more than % of their Compensation for each election period.
[]	 Section 4.8(d) of the Plan ("Roth Elective Deferrals") shall apply to contributions after (enter a date later than January 1, 2006, but not earlier than the date the Roth option was initially adopted), and the Plan will accept a direct rollover from another Roth elective deferral account under an applicable retirement plan as described in Code Section 402A(e)(1). Matching Contribution Option. The Employer shall contribute to the Fund an amount equal to % of the Participant's contributions under the Employer's Section 457(b) Deferred Compensation
	Plan. The Employer matching contributions shall be limited to % of the Participant's Compensation. Forfeitures attributable to Employer matching contributions under this Matching Contribution Option of Section 5 shall be used to reduce Employer matching contributions under such Option.
[]	No Employer Contribution Option.
	r Participant Contribution Options.
[X]	Voluntary Nondeductible Contributions by Participants shall be allowed under the provisions of Section 4.4 of the Plan.
[]	A Participant may not withdraw Voluntary Nondeductible Contributions. Participants shall not contribute to the Plan.
	Directed Investments.
[X]	Are permitted. Are not permitted.
	cation of Forfeitures Available. itures of Employer contributions attributable to the Fixed Option or Variable Option under Section eof:
[]	Shall be added to Employer contribution under such Option for the calendar quarter following the
[X]	Participant's Break in Service. Shall reduce the Employer contribution under such Option for the current or next following Plan Year.
If a I such	ice for Worker's Compensation Period. Participant is on an Authorized Leave of Absence and is receiving worker's compensation during Authorized Leave of Absence, such Participant shall be credited with Service for such period for purposes of vesting only and not for purposes of allocations of Employer Contributions. shall not be credited with Service for such period.

6.

7.

8.

9.

10. Vesting.

For purposes of vesting under Section 6.4 of the Plan, the Employer hereby elects the following Option:

[] Option A			[] Option B		
•	Vested	Forfeited		Vested	Forfeited
Years of Service	Percentage	Percentage	Years of Service	Percentage	Percentage
less than 1	0%	100%	Less than 3	0%	100%
at least 1 but less than 2	10%	90%	at least 3 but less than 4	20%	80%
at least 2 but less than 3	20%	80%	at least 4 but less than 5	40%	60%
at least 3 but less than 4	30%	70%	at least 5 but less than 6	60%	40%
at least 4 but less than 5	40%	60%	at least 6 but less than 7	80%	20%
at least 5 but less than 6	50%	50%	7 or more	100%	0%
at least 6 but less than 7	60%	40%			
at least 7 but less than 8	70%	30%			
at least 8 but less than 9	80%	20%			
at least 9 but less than 10	90%	10%			
10 or more	100%	0%			
[] Option C			[] Option D		
	Vested	Forfeited		Vested	Forfeited
Years of Service	Percentage	Percentage	Years of Service	Percentage	Percentage
less than 5	0%	100%	Immediate 100% Vesting	100%	0%
at least 5 but less than 6	50%	50%			
at least 6 but less than 7	60%	40%			
at least 7 but less than 8	70%	30%			
at least 8 but less than 9	80%	20%			
10 or more	100%	0%			

[X] Option E

The Schedule indicated below (the sum of the Vested Percentage and Forfeited Percentage at each Year of Service must equal 100%) the vesting schedule must be at least as favorable as one of the safe harbor pre-ERISA schedules. The safe harbor vesting schedules are:

- a. <u>15-year cliff vesting schedule</u>: The plan provides that a participant is fully vested after 15 years of creditable service (service can be based on years of employment, years of participation, or other creditable years of service).
- b. <u>20-year graded vesting schedule</u>: The plan provides that a participant is fully vested based on a graded vesting schedule of 5 to 20 years of creditable service (service can be based on years of employment, years of participation, or other creditable years of service).
- c. 20-year cliff vesting schedule for qualified public safety employees: The plan provides that a participant is fully vested after 20 years of creditable service (service can be based on years of employment, years of participation, or other creditable years of service). This safe harbor would be available only with respect to the vesting schedule applicable to a group in which substantially all of the participants are qualified public safety employees (within the meaning of Section 72(t)(10)(B)).

	Vested	Forfeited
Years of Service	Percentage	Percentage
less than 1	0%	100%
at least 1 but less than 2	0%	100%
at least 2 but less than 3	0%	100%
at least 3 but less than 4	0%	100%
at least 4 but less than 5	25%	75%
at least 5 but less than 6	50%	50%
at least 6 but less than 7	75%	25%
7 or more	100%	0%

[] Option F

To comply with the Internal Revenue Service Regulations promulgated pursuant to the Code Section 3121(b)(7)(F), Participants who are part-time, seasonal or temporary Employees will have immediate vesting.

(If this Option F is elected, one of the other Options above must also be elected for Participants who are not part-time, seasonal or temporary Employees).

[X] Participant loans shall be offered p [] Participant loans shall not be offered	
Employer is not permitted. [] The Accounts of any Participant ceased to be eligible for participat in another defined contribution ret Plan"), shall be directly transferre	Plan. accounts to another defined contribution plan sponsored by the who (i) is 100% vested in his Accounts in this Plan; (ii) has ion in this Plan; and (iii) who becomes eligible for participation irement plan sponsored by the Employer (the "Other Retirement d to the Other Retirement Plan as soon as practicable after the en direction to the Trustee to such effect in a form acceptable to
14. The Employer has consulted with and provisions of the Plan and the effect of	been advised by its attorney concerning the meaning of the entry into the Plan.
	esville has caused its corporate seal to be affixed hereto and this and behalf by its duly authorized officers this day of
	City of Bartlesville
	By:
Attest:	Title:
Title:	
(SEAL)	

The foregoing Joinder Agreement is here day of,	eby approved by the Oklahoma Municipal Retirement Fund this
	OKLAHOMA MUNICIPAL RETIREMENT FUND
	By:
Attest:	Title:
Secretary	
(CEAL)	d d

(SEAL)

Required Disclosures. This Joinder Agreement is to be used only with the Oklahoma Municipal Retirement Fund Master Defined Contribution Plan. Failure to properly complete this Joinder Agreement may result in failure of the Plan to qualify under Code Section 401(a). In accordance with IRS Rev. Proc. 2017-41, the Provider (as defined in Rev. Proc. 2017-41) who has obtained Internal Revenue Service approval of the Oklahoma Municipal Retirement Fund Master Defined Contribution Plan has authority under the Plan document to amend the Plan on behalf of adopting employers for certain changes in the Code, regulations, revenue rulings, other statements published by the Internal Revenue Service, including model, sample or other required good faith amendments. The Provider will inform adopting employers of any such amendments or of the discontinuance or abandonment of the Pre-Approved Plan document. The name, address and telephone number of the Provider is: McAfee & Taft A Professional Corporation, 211 N. Robinson, Oklahoma City, OK 73102, telephone (405) 552-2231. Any inquiries by the adopting employer regarding the adoption of the Plan, the meaning of Plan provisions, or the effect of the Internal Revenue Service advisory letter on the Pre-Approved Plan may be directed to the Provider.

Reliance on Sponsor Opinion Letter. The Provider has obtained from the IRS an Opinion Letter (as defined in Rev. Proc. 2017-41) specifying the form of this Joinder Agreement and the basic plan document satisfy, as of the date of the Opinion Letter, Code §401. An adopting Employer may rely on the Preapproved Plan Sponsor's IRS Opinion Letter only to the extent provided in Rev. Proc. 2017 41. The Employer may not rely on the Opinion Letter in certain other circumstances or with respect to certain qualification requirements, which are specified in the Opinion Letter and in Rev. Proc. 2017 41 or subsequent guidance. In order to have reliance in such circumstances or with respect to such qualification requirements, the Employer must apply for a determination letter to Employee Plans Determinations of the IRS.



Agenda Item 7.f.i.

March 25, 2022

Prepared by Jason Muninger, CFO/City Clerk

Accounting and Finance

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Receipt of Interim Financials for the eight months ending February 28, 2022.

Attachments:

Interim Financials for February 28, 2022

II. STAFF COMMENTS AND ANALYSIS

Staff has prepared the condensed Interim Financial Statements for February 2022; these should provide sufficient information for the City Council to perform its fiduciary responsibility. All supplementary, detailed information is available for the Council's use at any time upon request. All information is subject to change pending audit.

III. RECOMMENDED ACTION

Staff recommends the approval the Interim Financials for February 28, 2022.



REPORT OF REVENUE, EXPENDITURES AND CHANGES IN FUND BALANCES

For The Eight Months Ended February 28, 2022

CITY COUNCIL

Ward 1 - Dale Copeland, Mayor

Ward 2 - Paul Stuart

Ward 3 - Jim Curd, Vice Mayor

Ward 4 - Billie Roane

Ward 5 - Trevor Dorsey

City Manager Mike Bailey

Prepared by:

Jason Muninger Finance Director

Alicia Shelton Accountant

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HIGHLIGHTS

MAJOR FUNDS:

GENERAL FUND
WASTEWATER OPERATING/BMA WASTEWATER FUNDS
WATER OPERATING/BMA WATER FUNDS
SANITATION

OTHER FUNDS:

REVENUE BUDGET STATUS
EXPENDITURE BUDGET STATUS
CHANGE IN FUND BALANCE

EXPLANATORY MEMO

FINANCIAL STATEMENT REVENUE HIGHLIGHTS

(Dashed line represents average percent of year for 4 preceding fiscal years)



GENERAL FUND

Statement of Revenue, Expenditures, and Changes in Fund Balances

			2021-22 Fisca	al Year			2020-21 Fisc	al Year
						% of		% Total
	Total Budget	YTD Budget	YTD Actual	YTD Encum	YTD Total	Budget	YTD Total	Year
Revenue:								
Sales Tax	\$ 15,301,474	\$ 10,200,983	\$ 11,817,527	\$ -	\$ 11,817,527	77.2%	\$ 10,359,983	65.5%
Gross Receipt Tax	1,321,300	880,867	926,054	-	926,054	70.1%	837,459	67.5%
Licenses and Permits	223,300	148,867	228,258	-	228,258	102.2%	191,905	84.4%
Intergovernmental	3,611,100	2,407,400	3,614,064	-	3,614,064	100.1%	3,199,267	91.9%
Charges for Services	437,000	291,333	375,528	-	375,528	85.9%	343,387	67.6%
Court Costs	151,100	100,733	89,210	-	89,210	59.0%	80,644	63.8%
Police/Traffic Fines	621,600	414,400	250,308	-	250,308	40.3%	321,896	62.8%
Parking Fines	80,000	53,333	30,380	-	30,380	38.0%	43,465	69.3%
Other Fines	71,300	47,533	41,158	-	41,158	57.7%	42,312	64.1%
Investment Income	100,000	66,667	66,667	-	66,667	66.7%	66,667	40.1%
Miscellaneous Income	310,000	206,667	520,677	-	520,677	168.0%	424,298	68.3%
Transfers In	5,176,590	3,451,060	3,451,062		3,451,062	66.7%	3,248,150	66.7%
Total	\$ 27,404,764	\$ 18,269,843	\$ 21,410,893	<u>\$ -</u>	\$ 21,410,893	78.1%	\$ 19,159,433	69.2%
Expenditures:								
General Government	\$ 7,312,420	\$ 4,874,947	\$ 4,898,626	\$ 45,075	\$ 4,943,701	67.6%	\$ 4,664,692	65.6%
Public Safety	13,949,397	9,299,598	9,380,257	112,752	9,493,009	68.1%	8,287,889	68.8%
Street	1,666,671	1,111,114	1,111,048	(46,097)	1,064,951	63.9%	888,719	59.3%
Culture and Recreation	3,093,868	2,062,579	1,995,769	(14,375)	1,981,394	64.0%	1,832,885	66.3%
Transfers Out	3,338,528	2,225,685	2,225,700	-	2,225,700	66.7%	2,501,365	84.8%
Reserves	2,121,085	1,414,057				0.0%		N.A.
Total	\$ 31,481,969	\$ 20,987,980	\$ 19,611,400	\$ 97,355	\$ 19,708,755	62.6%	\$ 18,175,550	68.9%
Changes in Fund Balance:								
Fund Balance 7/1			\$ 4,511,710					
Net Revenue (Expense)			1,799,493					
Ending Fund Balance			\$ 6,311,203					

COMBINED WASTEWATER OPERATING & BMA WASTEWATER FUNDS

Statement of Revenue, Expenditures, and Changes in Fund Balances

			2021-22 Fisc	al Year			2020-21 Fisc	al Year
						% of		% Total
	Total Budget	YTD Budget	YTD Actual	YTD Encum	YTD Total	Budget	YTD Total	Year
Revenue: Wastewater Fees Investment Income Debt Proceeds Miscellaneous	\$ 5,056,535 - - 30,000	20,000	\$ 3,673,248	- - -	\$ 3,673,248	72.6% N.A. N.A. 334.0%	\$ 3,317,220 - - 25,934	66.5% 0.0% N.A. 127.4%
Total	\$ 5,086,535	\$ 3,391,023	\$ 3,773,452	<u> </u>	\$ 3,773,452	74.2%	\$ 3,343,154	66.8%
Expenditures: Wastewater Plant Wastewater Maint BMA Expenses Transfers Out Reserves	\$ 2,423,985 856,942 28,400 1,526,012 76,341	571,295 18,933 1,017,341 50,894	\$ 1,603,441 508,182 13,986 1,017,344	(9,494)	498,688 13,986 1,017,344	98.7% 58.2% 49.2% 66.7% 0.0%	\$ 2,429,660 416,920 14,165 960,116	98.7% 63.8% N.A. 66.7% N.A.
Total	\$ 4,911,680	\$ 3,274,453	\$ 3,142,953	<u>\$ 779,243</u>	\$ 3,922,196	79.9%	\$ 3,820,861	83.9%
Changes in Fund Balance: Fund Balance 7/1 Net Revenue (Expense)			\$ 900,045 <u>630,499</u>					
Ending Fund Balance			\$ 1,530,544					

COMBINED WATER OPERATING & BMA WATER FUNDS

Statement of Revenue, Expenditures, and Changes in Fund Balances

67% of Year Lapsed

	2021-22 Fiscal Year					2020-21 Fisc	al Year	
						% of		% Total
	Total Budget	YTD Budget	YTD Actual	YTD Encum	YTD Total	Budget	YTD Total	Year
Revenue:								
Water Fees	\$ 9,991,595	\$ 6,661,063	\$ 7,889,222	\$ -	\$ 7,889,222	79.0%	\$ 7,202,516	68.5%
Investment Income	-	-	-	-	-	N.A.	-	0.0%
Debt Proceeds	7,720,000	5,146,667	-	-	-	0.0%	-	N.A.
Miscellaneous			7,168	<u> </u>	7,168	N.A.	3,333	330.0%
Total	\$ 17,711,595	\$ 11,807,730	\$ 7,896,390	<u>\$</u> -	\$ 7,896,390	44.6%	\$ 7,205,849	68.5%
Expenditures: Water Plant Water Administration Water Distribution BMA Expenses Transfers Out Reserves Total	\$ 2,927,538 352,856 1,725,081 3,048,026 2,380,530 157,812 \$ 10,591,843	\$ 1,951,692 235,237 1,150,054 2,032,017 1,587,020 105,208 \$ 7,061,228	\$ 2,156,513 227,891 1,000,737 1,471,015 1,587,026 	21,159 52,950 - - -	\$ 1,922,304 249,050 1,053,687 1,471,015 1,587,026 - \$ 6,283,082	65.7% 70.6% 61.1% 48.3% 66.7% 0.0%	\$ 1,616,645 236,963 922,277 1,060,013 1,492,669	58.1% 70.2% 68.3% 35.5% 66.7% N.A.
Changes in Fund Balance:								
Fund Balance 7/1			\$ 7,130,761					
Net Revenue (Expense)			1,453,208					

\$ 8,583,969

Ending Fund Balance

SANITATION FUND

Statement of Revenue, Expenditures, and Changes in Fund Balances

	2021-22 Fiscal Year								2020-21 Fiscal Year					
											% of			% Total
	To	otal Budget	_\	/TD Budget		YTD Actual	Υ	D Encum		YTD Total	Budget	_	YTD Total	Year
Revenue:														
Collection Fees	\$	5,165,759	\$	3,443,839	\$	3,476,891	\$	-	\$	3,476,891	67.3%	\$	2,903,127	66.1%
Investment Income		-		-		-		-		-	N.A.		-	N.A.
Miscellaneous		146,706		45,669		100,489		-		100,489	68.5%		40,541	29.1%
Transfers In			_		_		_		_		N.A.	_	16,811	66.7%
Total	\$	5,312,465	\$	3,489,508	\$	3,577,380	\$		\$	3,577,380	67.3%	\$	2,960,479	64.9%
Expenditures:														
Sanitation	\$	3,204,733	\$,,	\$	2,061,651	\$	178,747	\$		69.9%	\$	_,,	73.5%
Transfers Out		2,259,180		1,506,120		1,506,124		-		1,506,124	66.7%		1,173,751	66.7%
Reserves		113,820	-	75,880	_				_		0.0%	_	-	N.A.
Total	\$	5,577,733	\$	3,718,489	\$	3,567,775	\$	178,747	\$	3,746,522	67.2%	\$	3,334,880	70.9%
Changes in Fund Balance:														
Fund Balance 7/1					\$	183,566								
Net Revenue (Expense)						9,605								
Ending Fund Balance					\$	193,171								

ALL OTHER FUNDS

Revenue Budget Report - Budget Basis

	Budget	Actuals	Dorsont of Budget
	Budget	Actuals	Percent of Budget
Special Revenue Funds:			200/
Economic Development Fund	1,548,905	1,273,845	82%
E-911 Fund	1,062,935	686,163	65%
Special Library Fund	97,100	176,459	182%
Special Museum Fund	-	32,795	N/A
Municipal Airport Fund	285,736	23,715	8%
Harshfield Library Donation Fund		-	N/A
Restricted Revenue Fund	506,000	312,867	62%
Golf Course Memorial Fund	22,594	22,982	102%
CDBG-COVID	-	345,009	N/A
Justice Assistance Grant Fund	-	4,485	N/A
Neighborhood Park Fund	-	12,345	N/A
Cemetery Care Fund	3,100	1,681	54%
Debt Service Fund	4,353,826	3,606,407	83%
Capital Project Funds:			
Sales Tax Capital Improvement Fund	2,910,224	2,230,380	77%
Park Capital Improvement Fund	-	-	N/A
Wastewater Capital Improvement Fund	-	24,450	N/A
Wastewater Regulatory Capital Fund	-	_	N/A
City Hall Capital Improvement Fund	-	450	N/A
Storm Drainage Capital Improvement Fund	_	1,187	N/A
Community Development Block Grant Fund	196,000	· -	0%
2008B G.O. Bond Fund	, -	_	N/A
2009 G.O. Bond Fund	_	_	N/A
2010 G.O. Bond Fund	_	_	N/A
2012 G.O. Bond Fund	-	-	N/A
2014 G.O. Bond Fund	-	-	N/A
2014B G.O. Bond Fund	-	-	N/A
2015 G.O. Bond Fund	-	-	N/A
2017 G.O. Bond Fund	_	_	N/A
2018A G.O. Bond Fund	-	-	N/A
2018B G.O. Bond Fund	-	-	N/A
2018C G.O. Bond Fund	-	-	N/A
2019A G.O. Bond Fund	_	_	N/A
2019B G.O. Bond Fund	_	_	N/A
2021A G.O. Bond Fund	-	-	N/A
Propriotory Funds:			•
Proprietary Funds: Adams Golf Course Operating Fund	420 104	200,000	CC0/
	438,104	290,999	66%
Sooner Pool Operating Fund	40,546	27,034 33,604	67%
Frontier Pool Operating Fund	50,404		67%
Municipal Airport Operating	593,000	386,621	65%
Internal Service Funds:			
Worker's Compensation Fund	163,134	113,188	69%
Health Insurance Fund	3,691,626	2,485,061	67%
Auto Collision Insurance Fund	75,000	56,756	76%
Stabilization Reserve Fund	871,580	581,060	67%
Capital Improvement Reserve Fund	13,783,927	4,186,220	30%
Mausoleum Trust Fund	-	-	N/A

ALL OTHER FUNDS

Expenditure Budget Report - Budget Basis

	Budast	Actuals	Percent of Budget
	Budget	Actuals	Percent of Budget
Special Revenue Funds:			
Economic Development Fund	3,708,789	1,187,600	32%
E-911 Fund	1,104,582	743,092	67%
Special Library Fund	210,000	106,564	51%
Special Museum Fund	41,000	18,173	44%
Municipal Airport Fund	285,736	68,900	24%
Harshfield Library Donation Fund	570,025	148,751	26%
Restricted Revenue Fund	843,265	524,252	62%
Golf Course Memorial Fund	35,511	29,148	82%
CDBG-COVID	936,189	-	0%
Justice Assistance Grant Fund	3,134	-	0%
Neighborhood Park Fund	15,346	-	0%
Cemetery Care Fund	13,781	-	0%
Debt Service Fund	4,354,426	1,947,350	45%
Capital Project Funds:			
Sales Tax Capital Improvement Fund	6,635,963	5,031,027	76%
Park Capital Improvement Fund	-	-	N/A
Wastewater Capital Improvement Fund	107,288	19,393	18%
Wastewater Regulatory Capital Fund	805,434	-	0%
City Hall Capital Improvement Fund	63,758	1,360	2%
Storm Drainage Capital Improvement Fund	45,848	-	0%
Community Development Block Grant Fund	196,000	-	0%
2008B G.O. Bond Fund	-	-	N/A
2009 G.O. Bond Fund	2,636	2,636	100%
2010 G.O. Bond Fund	410	410	100%
2012 G.O. Bond Fund	106,472	106,472	100%
2014 G.O. Bond Fund	-	_	N/A
2014B G.O. Bond Fund	3,885	-	0%
2015 G.O. Bond Fund	-	_	N/A
2017 G.O. Bond Fund	76,130	39,426	52%
2018A G.O. Bond Fund	41,950	41,950	100%
2018B G.O. Bond Fund	57,992	, -	0%
2018C G.O. Bond Fund	576,353	304,403	53%
2019A G.O. Bond Fund	829,598	77,231	9%
2019B G.O. Bond Fund	394,252	16,062	4%
2021A G.O. Bond Fund	1,030,000		0%
Dropriotony Funds	,,		
Proprietary Funds:	F74 2C4	402.744	700/
Adams Golf Course Operating Fund	571,361	402,744	70%
Sooner Pool Operating Fund	51,041	24,724	48%
Frontier Pool Operating Fund	64,020	29,388	46%
Municipal Airport Operating	551,408	270,897	49%
Internal Service Funds:			
Worker's Compensation Fund	430,000	121,751	28%
Health Insurance Fund	3,759,753	2,227,691	59%
Auto Collision Insurance Fund	443,559	14,342	3%
Stabilization Reserve Fund	10,211,008	-	0%
Capital Improvement Reserve Fund	14,658,872	2,459,551	17%
Mausoleum Trust Fund	8,185	-	0%

ALL OTHER FUNDS

Fund Balance Report - Modified Cash Basis

07% OF Tex	л сарэса		
	Beginning of Year	Change	Current
Special Revenue Funds:			
Economic Development Fund	2,249,054	310,645	2,559,699
E-911 Fund	64,762	(49,185)	15,577
Special Library Fund	277,974	82,265	360,239
Special Museum Fund	123,957	14,622	138,579
Municipal Airport Fund	286,628	(6,660)	279,968
Harshfield Library Donation Fund	627,661	(9,967)	617,694
Restricted Revenue Fund	373,973	(2,227)	371,746
Golf Course Memorial Fund	11,894	(66)	11,828
CDBG-COVID	-	(89,474)	(89,474)
Justice Assistance Grant Fund	3,134	4,485	7,619
Neighborhood Park Fund	15,397	12,345	27,742
Cemetery Care Fund	10,323	1,681	12,004
Debt Service Fund	3,520,576	1,659,057	5,179,633
	3,320,370	1,033,037	3,173,033
Capital Project Funds:	F 251 10C	(1,305,530)	4 O4E 6E6
Sales Tax Capital Improvement Fund	5,351,186	(1,305,530)	4,045,656
Park Capital Improvement Fund	116 020	- - 0-7	121 005
Wastewater Capital Improvement Fund	116,828	5,057	121,885
Wastewater Regulatory Capital Fund	808,095		808,095
City Hall Capital Improvement Fund	53,055	(910)	52,145
Storm Drainage Capital Improvement Fund	51,962	1,187	53,149
Community Development Block Grant Fund	140,432	-	140,432
2008B G.O. Bond Fund	2 626	(2, 626)	-
2009 G.O. Bond Fund	2,636	(2,636)	-
2010 G.O. Bond Fund	410	(410)	-
2012 G.O. Bond Fund	106,472	(84,100)	22,372
2014 G.O. Bond Fund	7,686	-	7,686
2014B G.O. Bond Fund 2015 G.O. Bond Fund	3,886	-	3,886
2017 G.O. Bond Fund	12,444	(22 500)	12,444
	104,838	(32,500)	72,338
2018A G.O. Bond Fund 2018B G.O. Bond Fund	128,165	(73,850)	54,315
	292,293	(208,614)	83,679
2018C G.O. Bond Fund	771,579	(551,975)	219,604
2019A G.O. Bond Fund	723,354	(29,853)	693,501
2019B G.O. Bond Fund 2021A G.O. Bond Fund	397,717	-	397,717
2021A G.O. Bolla Fulla	1,079,080	-	1,079,080
Proprietary Funds:			
Adams Golf Course Operating Fund	128,925	(93,312)	35,613
Sooner Pool Operating Fund	4,191	4,944	9,135
Frontier Pool Operating Fund	11,927	4,684	16,611
Municipal Airport Operating	-	133,915	133,915
Internal Service Funds:			
Worker's Compensation Fund	270,848	(7,240)	263,608
Health Insurance Fund	14,700	249,427	264,127
Auto Collision Insurance Fund	427,446	42,414	469,860
Stabilization Reserve Fund	9,339,428	581,060	9,920,488
Capital Improvement Reserve Fund	11,372,880	913,145	12,286,025
Mausoleum Trust Fund	8,128	-	8,128



FROM: Jason Muninger, CFO/City Clerk

SUBJECT: Financial Statement Explanatory Information

GENERAL INFORMATION

The purpose of this memo is to provide some insight as to the construction of the attached financial statements and to provide some guidance as to their use.

The format of the attached financial statements is intended to highlight our most important revenue sources, provide sufficient detail on major operating funds, and provide a high level overview of all other funds. The level of detail presented is sufficient to assist the City Council in conducting their fiduciary obligations to the City without creating a voluminous document that made the execution of that duty more difficult.

This document provides three different types of analyses for the Council's use. The first is an analysis of revenue vs budgeted expectations. This allows the Council to see how the City's revenues are performing and to have a better idea if operational adjustments are necessary.

The second analysis compares expenditures to budget. This allows the Council to ensure that the budgetary plan that was set out for the City is being followed and that Staff is making the necessary modifications along the way.

The final analysis shows the fund balance for each fund of the City. This is essentially the "cash" balance for most funds. However, some funds include short term receivables and payables depending on the nature of their operation. With very few exceptions, all funds must maintain positive fund balance by law. Any exceptions will be noted where they occur.

These analyses are presented in the final manner:

Highlights:

The Highlights section presents a 5 year snap shot of the performance of the City's 4 most important revenue sources. Each bar represents the actual amounts earned in each year through the period of the report. Each dash represents the percent of the year's revenue that had been earned through that period. The current fiscal year will always represent the percent of the budget that has been earned, while all previous fiscal years will always represent the percent of the actual amount earned. This analysis highlights and compares not only amounts earned, but gives a better picture of how much should have been earned in order to meet budget for the year.

Major Operating Funds:

The City's major operating funds are presented in greater detail than the remainder of the City's funds. These funds include the General, Wastewater Operating, BMA – Wastewater, Water Operating, BMA – Water, and Sanitation. Due to the interrelated nature of the Wastewater Operating/BMA – Wastewater and the Water Operating/BMA – Water funds, these have been combined into Wastewater Combined and Water Combined funds. This should provide a better picture of the overall financial condition of these operating segments by combining revenues, operating expenses, and financing activities in a single report.

Other Funds:

All other funds of the City are reported at a high level. These funds are often created for a limited purpose, limited duration, and frequently contain only a one-time revenue source. This high level overview will provide Council with sufficient information for a summary review. Any additional information that is required after that review is available.

These condensed financial statement should provide sufficient information for the City Council to perform its fiduciary responsibility while simplifying the process. All supplementary, detailed information is available for the Council's use at any time upon request. Additionally, any other funds that the Council chooses to classify as a Major Operating fund can be added to that section to provide greater detail in the future.

INFORMATION WILL BE PROVIDED AT THE MEETING.



Agenda Item 9. March 30, 2022
Prepared by Terry Lauritsen
Water Utilities

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Discuss and take action on an agreement with the Osage Nation Gaming Enterprise to provide sewer service for property located west of the Bartlesville Corporate Limits

Attachments:

AGREEMENT FOR SEWER SERVICE OUTSIDE CORPORATE LIMITS

II. STAFF COMMENTS AND ANALYSIS

The Osage Nation Gaming Enterprise (NATION) is developing property for use as a casino, hotel and supporting food service approximately 1 mile west of Bartlesville along US 60. The location of this property is shown below.



The NATION has requested City sewer service for this property with a privately financed public improvement. The NATION will construct a lift station and force main to pump wastewater from their development to the City's collection system located north of the intersection of SH 123 and Frank Phillips Blvd. The development of this property is anticipated in phases with the first phase generating an estimated 125,000 gallons of wastewater per day. The City's wastewater collection system downstream of this proposed connection does have the capacity to accommodate this phase of development. However, this downstream collection system is at capacity when factoring in wet weather inflow and infiltration, and the Casino's discharge will require future downstream improvements to ensure no bypasses during rain events over 2 inches (the goal of the City's collection system is to convey peak flows generated during a 2.25 inch rain event). The NATION will financially participate in the upgrade of the City's downstream collection system through a separate agreement. Since the request is for sewer service of a property located outside of the City's corporate limits, a contract is required to provide this service, which is attached. The agreement stipulates that the NATION will design, and construct the lift station and force main in accordance to applicable City, State, and Osage Nation regulations. City staff must approve construction documents and once the system is complete and accepted, ownership of the pump station and pipeline will be transferred to the City. Easements will be dedicated for portions of the system located outside of the right of way of US Highway 60 (the majority of the force main will be within the highway right of way, with the pump station being located on NATION property). Limits have been placed on the volume of discharge to mitigate any downstream capacity limitations during wet weather events. All permits and fees are the responsibility of the NATION. Bonds and inspection fees will be provided by the NATION in accordance with the Bartlesville Subdivision Regulations. The NATION will pay the City \$625 per month for the first 60 months to cover the operation and maintenance of the lift station and pipeline, after which, this monthly fee may be adjusted annually to reflect increases in operational and/or maintenance costs. The sewer agreement, downstream sewer, and tourism agreements are tied together so a default on one allows the termination of sewer service.

III. RECOMMENDED ACTION

Staff recommends approval of the attached agreement.

AGREEMENT FOR SEWER SERVICE OUTSIDE CORPORATE LIMITS

(Osage Nation/Bartlesville)

This Agreement effective as of the	_, 2022, by and	between the	City of
Bartlesville, Oklahoma (CITY) and The Osage Nation, a fe	ederally recognize	zed Indian Nati	on, d/b/a
the Osage Nation Gaming Enterprise, (NATION);			

WHEREAS: The CITY owns and operates a sewerage system serving customers in the City of Bartlesville and is willing to provide sewage services; and NATION is engaged in the construction and operation of casinos, and desires to obtain sewage services for one such Casino Property, which is located on the following described real property in Osage County, State of Oklahoma, to-wit: THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER (SE/4 OF NW/4) AND THE WEST HALF OF THE NORTHEAST QUARTER (W/2 NE/4) OF SECTION EIGHT (8), TOWNSHIP TWENTY-SIX (26) NORTH, RANGE TWELVE (12) EAST OF THE INDIAN BASE AND MERIDIAN, OSAGE COUNTY, STATE OF OKLAHOMA, ACCORDING TO THE U.S. GOVERNMENT SURVEY THEREOF; and

WHEREAS: Contemporaneous with this Agreement the CITY and the NATION have entered into a separate Agreement for Down Stream Sewer Line Improvement Within Corporate Limits whereby the NATION has agreed to deposit \$1,000,000.00 into escrow for the purpose of upgrading the CITY's sewer infrastructure in support of a project owned by the NATION (the "Escrow Agreement"); and

WHEREAS: Contemporaneous with this Agreement the CITY and the NATION have entered into a separate Agreement for Tourism Support whereby the NATION has agreed to pay the CITY Five Percent (5%) of all revenues derived from the rent of hotel rooms (the "Tourism Agreement");

NOW THEREFORE, in consideration of the premises and mutual covenants set forth herein and in the Escrow Agreement and the Tourism Agreement, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

- 1. NATION represents the legal description above set out is an accurate legal description of the land it wishes to be served by the sanitary sewer. That said land is solely owned by the Osage Nation and it has full power and authority to enter into this Agreement.
- 2 NATION, at NATION's expense, shall cause the design and construction of a lift station and sanitary sewer force main line from the Casino Property to the existing sanitary sewer system of the CITY at a connection point located near Highway 60 and the western boundary of the City limits, as designated by the CITY, on the CITY'S sanitary sewer system and agreed to by the NATION.
- 3 Specifically, but not exclusively, the lift station and force main shall conform as follows:
 - a. The design plans shall be prepared, approved and stamped by a civil engineer licensed to practice in Oklahoma and such other design professions as may be required.
 - b. The lift station and force main sanitary sewer shall be of such depth, size, and capacity as to provide sewer service from the Casino Property, in which is to be located a lift station constructed by the NATION adjacent to Highway 60 in Osage County. The capacity of the lift station shall be sufficient to drain the anticipated peak hourly sewage production

- of the Casino and all buildings to be located on the Casino Property, but not to exceed 200 gallons per minute until the City has upgraded the downstream collection system. After the upgrade, the discharge may be increased to 300 gallons per minute.
- c. The Nation shall provide and reserve space within the easement on which the lift station will be constructed for possible future expansion of the lift station.
- d. The cost of design, dedication of easements, and construction of the lift station with public force main shall be borne by the NATION.
- e. The NATION shall construct a force main from the lift station to the connection point on the CITY sanitary sewer system. The force main shall be buried in compliance with drawings and specifications approved by and subject to any permits which may be required by any governmental entity, including the Osage Nation Environment and Natural Resources Department, Oklahoma Department of Transportation, City of Bartlesville and Oklahoma Department of Environmental Quality.
 - Since it is anticipated the CITY will accept a dedication of the lift station and force main to public use after its construction and for purposes of only this Agreement, the lift station and all necessary components of the force main sanitary sewer shall be designed and constructed according to the requirements of and subject to any permits and fees required by law, including those which may be required by the Osage Nation Environmental and Natural Resources Department, the Oklahoma Department of Environmental Quality, the Bartlesville Subdivision Regulations and Sanitary Sewer Standards, latest version and other City of Bartlesville ordinances regarding sewer service. The design plans shall be approved by the City of Bartlesville and the construction shall be subject to periodic inspection by the City, the same as any other sewer which is to be accepted by CITY. After acceptance of the plans and specifications, no changes shall be made to the design or construction of the lift station and force main without the express written permission of the CITY.
- 4. The force main sanitary sewer shall be physically connected to CITY's wastewater system by a licensed contractor approved in writing by CITY at NATION expense. NATION agrees to provide CITY with access to all sewer facilities throughout the above legal description for operation, maintenance, inspection and compliance review.
- 5. NATION shall pay Monthly sewer rates as published by the CITY for commercial customers in the same category.
- 6. Further, NATION shall pay CITY additional funds of \$625.00 monthly as partial reimbursement for the operation and maintenance of the lift station. Such costs shall be commenced beginning one month after the lift station is put into operation. Lift station costs tend to increase as they age, so after 60 months from commencement of lift station operation, CITY will re-evaluate its costs and may establish a new monthly lift station fee at that time. After the 60 month time frame, the monthly fee will be reviewed and possibly adjusted annually. The CITY shall provide a detailed explanation and supporting quotes and/or invoices to support the increased cost to the NATION. If NATION ceases to be the sole customer, then as additional customers access the sewer system in the future, the monthly fee toward the costs of operation and maintenance of the lift station shall be shared among all customers, and NATION's monthly payment toward such costs will decrease proportionately.
- 7. NATION shall only discharge domestic wastewater into the sanitary sewer without advance notice to and permission from CITY. Should CITY find that any wastewater other than domestic wastewater is being, or has been, discharged into its sewerage system from Casino Property, CITY

will notify NATION of its findings. NATION will immediately take appropriate measures to cease the discharge of non-domestic wastewater from its facility. NATION shall also be subject to the City's sewer use pretreatment standards for the discharge. Any testing to ensure compliance with these standards will be borne by the CITY unless a violation is discovered, then the NATION will bear all costs to correct the deficiency and the associated testing to ensure compliance.

- 8. NATION agrees that upon completion and acceptance by CITY, the ownership of all sewer mains and other sewerage facilities within the public right of way and installed under this agreement will be vested in the CITY. NATION shall provide a bill of sale transferring the ownership of main lines and other sewerage facilities lying in the public right of way to the CITY and shall dedicate any easements not in the current state or city right-of-way and/or easements to those portions of the sanitary sewer system which are to be maintained by the CITY to the public. Any and all infrastructure to complete this public infrastructure project that may sit on propertyheld in Trust by the United States of America for the benefit of the Osage Nation will be leased back to the City of Bartlesville for a period of 99 years.
- 9. For only purposes of this Agreement, NATION acknowledges and agrees under CITY's rules and regulations, CITY does not take ownership of any sanitary sewer lateral connecting the buildings or structures of NATION to CITY's sewerage system, and the repair and maintenance of laterals remains the sole responsibility of the property owner(s).
- 10. NATION shall provide accurate as-built plans and specifications of all sewer facilities constructed under this agreement and which are to be dedicated to the public.
- 11. NATION shall require the contractor who constructs the sewer to give a two year Maintenance Bond to the CITY in the form attached hereto as Exhibit A. Bond shall commence to run from date of CITY acceptance of the sewer. The Bond shall be issued by a corporate surety authorized to do business in the State of Oklahoma and shall ensure the maintenance and successful operation of all lines and facilities constructed for sanitary sewer service for a period of two (2) years from the date CITY accepts the sewer.
- 12. NATION, by execution of this agreement and by execution of Exhibit B (attached hereto and made a part hereof), hereby consents to annexation of its property above described, or other property which it may acquire contiguous to the above described property, wholly, partially or with other parcels, into the corporate limits of the CITY at such time as CITY may so elect. **The NATION'S execution of the consent does not convey any jurisdiction over the Casino Property by the CITY.**
- 13. The NATION's obligation to pay CITY Five Percent (5%) of all revenues derived from the rent of hotel rooms under the terms of the Tourism Agreement shall continue for so long as the CITY provides SEWER service to the NATION under the terms of this Agreement and the Escrow Agreement or any successors agreements thereto. In the event that the NATION fails to pay the CITY Five Percent (5%) of all revenues derived from the rent of hotel rooms, or otherwise defaults on its obligations to the CITY under this Agreement or the Escrow Agreement, the CITY may, at is sole discretion, elect to discontinue sewer service to the NATION.
- 14. The parties agree they will execute any other documents or legal instruments and take any other action that may be necessary or reasonably required by any party to effectuate the purposes and provisions of this Agreement.

15. This Agreement and attached Exhibits contain the entire agreement between the parties. This Agreement may not be amended or changed except by further agreement in writing duly executed by the parties. This-Agreement shall be binding upon and inure to the benefit of the CITY and NATION and their respective successors and assigns.

IN WITNESS WHEREOF, the parties have- executed this Agreement on the respective dates appearing with their signatures.

Osage Nation	City of Bartlesville	
Principal Chief, Geoffrey Standing Bear	Mayor Dale Copeland	



Agenda Item _10_ March 30, 2022 Prepared by Terry Lauritsen Water Utilities

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Discuss and take action on an agreement with the Osage Nation Gaming Enterprise for downstream sewer line improvements within the City's wastewater collection system

Attachments:

AGREEMENT FOR DOWN STREAM SEWER LINE IMPROVEMENTS WITHIN CORPORATE LIMITS

II. STAFF COMMENTS AND ANALYSIS

The Osage Nation Gaming Enterprise (NATION) is developing property for use as a casino, hotel and supporting food service approximately 1 mile west of Bartlesville along US 60. The location of this property is shown below.



The NATION has requested City sewer service for this property with a privately financed public improvement. The NATION will construct a lift station and force main to pump wastewater from their development to the City's collection system located north of the intersection of SH 123 and Frank Phillips Blvd. The development of this property is anticipated in phases with the first phase generating an estimated 125,000 gallons of wastewater per day. The City's wastewater collection system downstream of this proposed connection does have the capacity to accommodate this phase of development. However, this downstream collection system is at capacity when factoring in wet weather inflow and infiltration, and the Casino's discharge will require future downstream improvements to ensure no bypasses during rain events over 2 inches (the goal of the City's collection system is to convey peak flows generated during a 2.25 inch rain event). To ensure compliance goals, the City's collection system needs to be upgraded from Johnstone Park to Cudahy. The estimated cost of this upgrade is \$1.87MM. The NATION will contribute \$1,000,000 towards this upgrade, contingent on use of these funds within 10 years. The downstream sewer, tourism and sewer service agreements are tied together so a default on one allows the termination of sewer service.

III. RECOMMENDED ACTION

Staff recommends approval of the attached agreement.

AGREEMENT FOR DOWN STREAM SEWER LINE IMPROVEMENTS WITHIN CORPORATE LIMITS

(Osage Nation/Bartlesville)

This Agreement effective as of the	_, 2022,	by	and	between	the	City	of
Bartlesville, Oklahoma (CITY) and The Osage Nation, a f	federally	rec	ognize	ed Indian	Natio	on, d/l	b/a
the Osage Nation Gaming Enterprise, (NATION);							

WHEREAS: The CITY and the NATION have entered into a separate MOU to install a forced main Sewer line connecting to CITY Infrastructure from the location identified in the following described real property in Osage County, State of Oklahoma, to-wit:

THE SOUTHEAST QUARTER OF THE NORTHWEST QUARTER (SE/4 OF NW/4) AND THE WEST HALF OF THE NORTHEAST QUARTER (W/2 NE/4) OF SECTION EIGHT (8), TOWNSHIP TWENTY-SIX (26) NORTH, RANGE TWELVE (12) EAST OF THE INDIAN BASE AND MERIDIAN, OSAGE COUNTY, STATE OF OKLAHOMA, ACCORDING TO THE U.S. GOVERNMENT SURVEY THEREOF; and

WHEREAS: The CITY has identified a need to upgrade their infrastructure to improve capacity of the existing sewer line. The NATION is agreeing to support this upgrade; and

WHEREAS: Contemporaneous with this Agreement the CITY and the NATION have entered into a separate Agreement for Tourism Support whereby the NATION has agreed to pay the CITY Five Percent (5%) of all revenues derived from the rent of hotel rooms (the "Tourism Agreement"); and

WHEREAS: Contemporaneous with this Agreement the CITY and the NATION have entered into a separate Agreement for Sewer Service Outside Corporate Limits to accept a forced main sewer line as public infrastructure that supports a project owned by the NATION (the "Sewer Agreement");

NOW THEREFORE, in consideration of the premises and mutual covenants set forth herein and in the Tourism Agreement and the Escrow Agreement, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

- 1 NATION, in Good Will, shall enter into an escrow agreement with the CITY in which the NATION shall deposit \$1,000,000.00 for the purpose of upgrading the CITY's sewer infrastructure downstream from the newly installed Forced Main Sewer line specified in a separate MOU. The Escrow agreement shall not exceed 10 years. At the end of said 10 years if the funds are not utilized for the intended project all funds within the escrow account including interest shall be returned to the NATION.
- 2 The NATION's obligation to pay CITY Five Percent (5%) of all revenues derived from the rent of hotel rooms under the terms of the Tourism Agreement shall continue for so long as the CITY provides SEWER service to the NATION under the terms of this Agreement and the Sewer Agreement or any successors agreements thereto. In the event that the NATION fails to pay the CITY Five Percent (5%) of all revenues derived from the rent of hotel rooms, or otherwise defaults on its obligations to the CITY under this Agreement or the Sewer Agreement, the CITY may, at is sole discretion, elect to discontinue sewer service to the NATION.

- 3 The parties agree they will execute any other documents or legal instruments and take any other action that may be necessary or reasonably required by any party to effectuate the purposes and provisions of this Agreement.
- 4 This Agreement and attached Exhibits, if any, contain the entire agreement between the parties. This Agreement may not be amended or changed except by further agreement in writing duly executed by the parties. This-Agreement shall be binding upon and inure to the benefit of the CITY and NATION and their respective successors and assigns.

IN WITNESS WHEREOF, the parties have executed this Agreement on the respective dates appearing with their signatures.

Osage Nation	City of Bartlesville	
Principal Chief, Geoffrey Standing Bear	Mayor Dale Copeland	



Agenda Item 11.
March 30, 2022
Prepared by Terry Lauritsen
Water Utilities

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Discuss and take action on an agreement with the Osage Nation Gaming Enterprise for tourism support for property located west of the Bartlesville Corporate Limits

Attachments:

AGREEMENT FOR TOURISM SUPPORT

II. STAFF COMMENTS AND ANALYSIS

The Osage Nation Gaming Enterprise (NATION) is developing property for use as a casino, hotel and supporting food service approximately 1 mile west of Bartlesville along US 60. The location of this property is shown below.



In support of tourism, the NATION has agreed to pay the City 5% of all revenues derived from the rent of hotel rooms. The tourism and sewer agreements are tied together so a default on one allows the termination of sewer service.

III. RECOMMENDED ACTION

Staff recommends approval of the attached agreement.

AGREEMENT FOR TOURISM SUPPORT

(Osage Nation/Bartlesville)

This Agreement effective as of the	, 2022,	by	and	between	the	City	of
Bartlesville, Oklahoma (CITY) and The Osage Nation, a f	ederally	rec	ognize	ed Indian	Natio	on, d/	b/a
the Osage Nation Gaming Enterprise, (NATION);							

WHEREAS: Contemporaneous with this Agreement the CITY and the NATION have entered into a separate Agreement for Sewer Service Outside Corporate Limits to accept a forced main sewer line as public infrastructure that supports a project owned by the NATION (the "Sewer Agreement"); and

WHEREAS: Contemporaneous with this Agreement the CITY and the NATION have entered into a separate Agreement for Down Stream Sewer Line Improvement Within Corporate Limits whereby the NATION has agreed to deposit \$1,000,000.00 into escrow for the purpose of upgrading the CITY's sewer infrastructure in support of a project owned by the NATION (the "Escrow Agreement");

WHEREAS: The CITY has requested support for Bartlesville Tourism and the NATION has agreed to offer support.

NOW THEREFORE, in consideration of the premises and mutual covenants set forth herein and in the Sewer Agreement and the Escrow Agreement, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

- 1. In support of tourism in the City of Bartlesville, NATION shall pay the CITY Five Percent (5%) of all revenues derived from the rent of hotel rooms. Said payment will be calculated monthly on a standard form provided by the CITY. For said payment CITY shall provide all acknowledgements for Osage Casino Hotel for the compensation as provided to all other businesses paying the similar value to support local tourism.
- 2. The NATION's obligation to pay CITY Five Percent (5%) of all revenues derived from the rent of hotel rooms shall continue for so long as the CITY provides SEWER service to the NATION under the terms of the Sewer Agreement and the Escrow Agreement or any successors agreements thereto. In the event that the NATION fails to pay the CITY Five Percent (5%) of all revenues derived from the rent of hotel rooms, or otherwise defaults on its obligations to the CITY under the Sewer Agreement or the Escrow Agreement, the CITY may, at is sole discretion, elect to discontinue sewer service to the NATION.
- 3. The parties agree they will execute any other documents or legal instruments and take any other action that may be necessary or reasonably required by any party to effectuate the purposes and provisions of this Agreement.
- 4. This Agreement and attached Exhibits, if any, contain the entire agreement between the parties. This Agreement may not be amended or changed except by further agreement in writing duly executed by the parties. This-Agreement shall be binding upon and inure to the benefit of the CITY and NATION and their respective successors and assigns.

IN WITNESS WHEREOF, the parties have execute appearing with their signatures.	ed this Agreement on the respective dates
Osage Nation	City of Bartlesville
Principal Chief, Geoffrey Standing Bear	Mayor Dale Copeland



Agenda Item 12.
March 31, 2022
Prepared by Jason Muninger. CFO/City Clerk
Accounting and Finance

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Take action to approve an Ordinance amending Chapter 20 of the Bartlesville Municipal Code pertaining to water and wastewater rates and fees.

Attachments:

Ordinance Amending Chapter 20 for FY 2022 through FY 2026

Rate Cost to Average Customer

New Gen Strategies and Solutions Cost of Services and Rate Design Study

II. STAFF COMMENTS AND ANALYSIS

The City engaged to NewGen to perform a comprehensive utility rate study. NewGen provided a 5-year rate plan to recover cost of operations and capital needs for the next five years. The proposed Ordinance for modification of Chapter 20 includes water and wastewater increases for base meter charges, and volumetric increases. The City is still utilizing the conservation approach to increase the cost per thousand gallons on billable water blocks. The City adopted year one of the rate study but as assumptions changed for the AMI project it changed the rate structure for years 2-5. Staff chose to include the current years rates in this ordinance for codification and timing purposes.

III. RECOMMENDED ACTION

Staff has worked with NewGen and the staff at NewGen on numerous occasions and feels very confident in the analysis in which they have provided. Staff recommends approval.

ORDINANCE	
------------------	--

AN ORDINANCE AMENDING CHAPTER 20 OF THE BARTLESVILLE MUNICIPAL CODE PERTAINING TO WATER AND WASTEWATER RATES, BILLING, AND FEES FOR SERVICES IN THE WATER AND WASTEWATER DEPARTMENTS EFFECTIVE JULY 1, 2021.

WHEREAS, it is necessary to increase the City of Bartlesville's water and wastewater operating fees to pay for operations, maintenance, and capital projects for fiscal year 2021-22 and beyond; and

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BARTLESVILLE, OKLAHOMA; that

Effective July 1, 2021, the following sections of Chapter 20 of the Bartlesville Municipal Code be and the same is hereby amended as follows:

Sec. 20-56. - Rates and billing.

- (a) The following charges shall apply for water delivered from the city municipal water system to consumers within the corporate limits of the city:
 - (1) For accounts with meters smaller than 3 inches:

	Charge per 1,000 gallons of billable flow for bills starting:							
Usage	July 1, 2021	July 1, 2022	July 1, 2023	July 1, 2024	July 1, 2025			
0-2,000	0.00	0.00	0.00	0.00	0.00			
2,001-10,000	4.52	4.37	4.37	4.37	4.37			
10,001-25,000	4.98	4.83	4.83	4.83	5.83			
25,001-50,000	5.42	5.27	5.27	5.27	5.27			
>50,000	5.87	5.72	5.72	5.72	5.72			

(2) For accounts with meters 3 inches or larger or industrial or wholesale customers who have a separate contract for the purchase of water from the City of the charge per 1,000 gallons of Billable flow will be:

Charge per 1,000 gallons of billable flow for bills starting:						
July 1, 2021	July 1, 2022	July 1, 2023	July 1, 2024	July 1, 2025		
4.52	4.37	4.37	4.37	4.37		

Sec. 20-57. - Service charges.

- (a) In addition to the charges set out in Section 20-56, each customer shall be billed:
 - (1) A monthly meter service charge for each meter based on the size of the meter, as follows:

	Monthly charge for bills starting:								
Meter Size	July 1, 2021	July 1, 2022	July 1, 2023	July 1, 2024	July 1, 2025				
Less than 1"	16.19	16.19	16.19	16.19	17.19				
1"	40.48	40.48	40.48	40.48	42.98				
1.5"	80.95	80.95	80.95	80.95	85.95				
2"	129.52	129.52	129.52	129.52	137.52				
3"	242.85	242.85	242.85	242.85	257.85				
4"	404.75	404.75	404.75	404.75	429.75				
6"	809.50	809.50	809.50	809.50	859.50				
8"	1295.20	1295.20	1295.20	1295.20	1375.20				

(2) Water capital investment fee per one thousand (1,000) gallons of billable flow

Charge per 1,000 gallons of billable flow for bills starting:						
July 1, 2021	July 1, 2022	July 1, 2024	July 1, 2025			
.95	1.35	1.60	1.85	2.10		

- (b) Consumers located outside the municipal limits shall pay rates provided in sections 20-56 and 20-57 multiplied by one and twenty-five hundredths (1.25) or as provided by a contract for water service with the city.
- (c) A late payment penalty shall be applied to each account which has not paid the bill in full within twenty (20) days of the date of the bill.

Sec. 20-251. - Charges, designated.

- (a) When sewer service is furnished to water consumers, the sewer service charge shall be based upon metered water consumption as shown by the water meters on the various dwelling or business units in accordance with this title, or upon the sewage discharge as shown by the direct sewage metering system where such system has been installed and approved by the city, or upon a fair and reasonable determination of the percentage of metered water returned to the sewer collection system. Such percentage determination shall be established for a specific, defined category of users.
- (b) Monthly bills for sewer service shall be based upon water consumption except as otherwise provided in subsection (f) of this section. Rates are hereby established for all users in three (3) parts:
 - (1) Unit charge for flows based upon water consumption; and
 - (2) A billing charge based upon the overhead and administrative costs of billing and accounting.
 - (3) An additional unit charge also based upon water consumption and restricted for use in wastewater system improvements, titled "Wastewater Capital Investment Fee."
- (c) The billing charge shall be applied to all users equally regardless of the volume of metered water.
- (d) Pursuant to paragraph (b) of this section, the following charges shall be applied to all users of the sanitary sewer system:
 - (1) Unit charge per one thousand (1,000) gallons of billable flow

	Charge per 1,000 gallons of billable flow for bills starting:						
July 1, 2021 July 1, 2022			July 1, 2023	July 1, 2024	July 1, 2025		
	3.49	3.69	3.89	4.09	4.29		

(2) Billing charge per customer per month

Monthly charge for bills starting:							
July 1, 2021	July 1, 2024	July 1, 2025					
11.93	12.93	14.43	15.93	17.43			

(3) Wastewater capital investment fee per one thousand (1,000) gallons of billable flow

Charge per 1,000 gallons of billable flow for bills starting:						
July 1, 2021 July 1, 2022 July 1, 2023 July 1, 2024 July						
2.53	3.23	3.48	3.73	3.98		

- (e) Sewer service charges for residential customers on bills issued on approximately January 1, February 1, March 1, and April 1, shall be based on a volume equal to the metered water consumption on the same bill. Sewer service charges for bills issued the remaining eight (8) months of the year shall reflect a charge for sewer volume equal to the lowest of:
 - (1) The actual water metered for the same period; or

City Clerk

- (2) One and two-tenths (1.2) times the average water consumption for the lowest three (3) of the four (4) bills issued on approximately January 1, February 1, March 1, and April 1, except that if the actual consumption in any of those months is lower than two thousand (2,000) gallons, then two thousand (2,000) gallons shall be used in computing the average and in the case of a new resident where no average for the customer is available, the average shall be assumed to be seven thousand (7,000) gallons.
- (f) Sanitary sewer service charges for all customers other than residential customers shall be based on a volume equal to the metered water consumption reflected on the same bill unless there is installed at the customer's expense a meter for measuring the sewer volume discharged into the sanitary sewer system.
- (g) Consumers located outside the municipal limits shall pay rates provided in sections 20-251 multiplied by one and twenty-five hundredths (1.25) or as provided by a contract for wastewater service with the city.

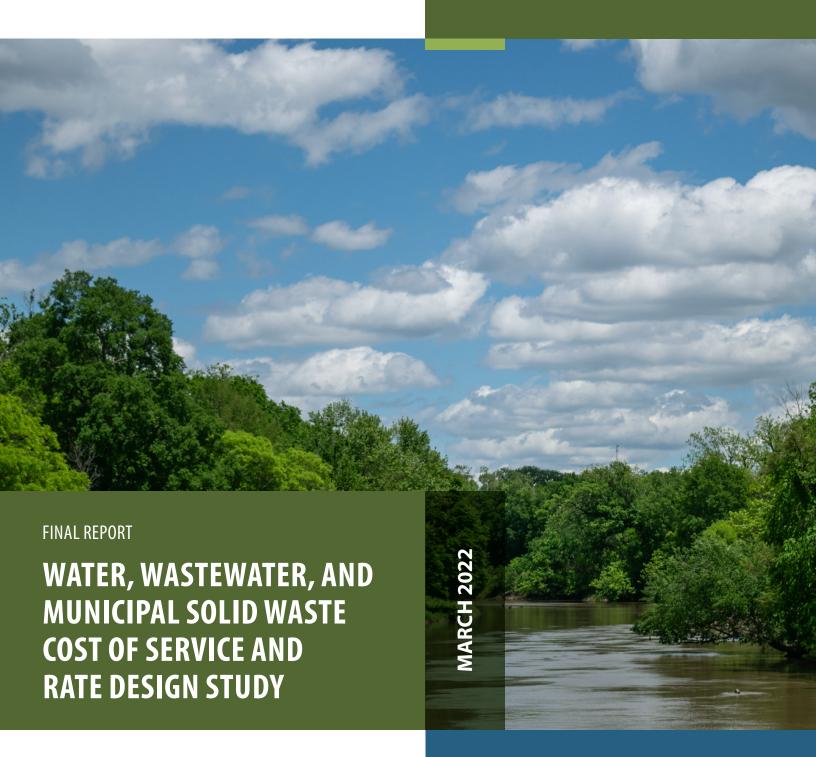
APPROVED BARTLESVI				THE	MAYOR	OF	THE	CITY	OF
ATTEST:				N	Iayor				

AMI DEBT UTILITY RATE INCREASE

		_		1			
	CUR	RENT	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
WATER							
Average monthly residential water usage (g)	E	5,000	6,000	6,000	6,000	6,000	6,000
Volumetric rate/1,000 g	\$	4.27	4.52	4.37	4.37	4.37	4.37
Capital investment fee/1,000 g	\$	0.85	0.95	1.35	1.60	1.85	2.10
Monthly volumetric charge	1	17.08	18.08	17.48	17.48	17.48	17.48
Monthly capital investment fee charge		3.40	3.80	5.40	6.40	7.40	8.40
Monthly base rate	1	15.19	16.19	16.19	16.19	16.19	16.19
Total monthly water charge	\$ 3	35.67	38.07	39.07	40.07	41.07	42.07
WASTEWATER							
Average monthly residential wastewater usage (g)		1,500	4,500	4,500	4,500	4,500	4,500
Volumetric rate/1,000 g	\$	3.29	3.49	3.69	3.89	4.09	4.29
Capital investment fee/1,000 g	\$	2.53	2.53	3.23	3.48	3.73	3.98
Monthly volumetric charge	1	14.81	15.71	16.61	17.51	18.41	19.31
Monthly capital investment fee charge	1	11.39	11.39	14.54	15.66	16.79	17.91
Monthly base rate		9.93	11.93	12.93	14.43	15.93	17.43
Total monthly wastewater charge	\$ 3	36.12	39.02	44.07	47.60	51.12	54.65
SANITATION							
96 Gal Cart Fee	\$ 1	15.50	17.00	18.00	19.00	20.00	20.00
TOTAL UTILITY MONTHLY CHARGE	8	37.29	94.09	101.14	106.67	112.19	116.72
% INCREASE			7.8%	7.5%	5.5%	5.2%	4.0%



www.newgenstrategies.net





Prepared for: City of Bartlesville, Oklahoma 401 S. Johnstone Ave. Bartlesville, OK 74003

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8140 North Mopac Expressway

Suite 1-240 Austin, TX 78759 Phone: (512) 806-7713

March 15, 2022

Mr. Jason Muninger CFO/City Clerk City of Bartlesville 401 S. Johnstone Ave. Bartlesville, OK 74003

Subject: Water, Wastewater, and Solid Waste Cost of Service and Rate Design Study – Final Report

Dear Mr. Muninger:

NewGen Strategies and Solutions, LLC (NewGen) is pleased to present its Final Report to the City of Bartlesville detailing the analysis, findings, and recommendations resulting from the Water, Wastewater, and Solid Waste Cost of Service and Rate Design Study.

The study equitably distributes costs between the three utilities to ensure each utility works toward meeting its own projected revenue requirements. Overall, we found all three utilities to be in good financial shape, with only modest changes recommended with regard to the City's current water, wastewater, and solid waste rates. Further, the rates are projected to generate the necessary revenue to ensure the financial integrity of the water, wastewater, and solid waste utilities.

We thank you for the opportunity to provide our professional services to the City of Bartlesville and would like to express our sincere appreciation to you and your staff for supplying the needed information and data. On review, should you require additional information or clarification as to the contents of this report, please contact Mr. Dave Yanke at 512.649.1254 or via email at dyanke@newgenstrategies.net.

Very truly yours,

DocuSigned by:

-500E94C76CC84BC

David S. Yanke President



Final Report

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ζ ,	
Solid Waste Cost of Service and Rate Design Study	ТАВ В









TAB A. WATER AND WASTEWATER

MARCH 2022

WATER, WASTEWATER, AND
MUNICIPAL SOLID WASTE
COST OF SERVICE AND RATE DESIGN STUDY



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Section 1 INTRODUCTION

The City of Bartlesville (City) retained NewGen Strategies and Solutions, LLC (NewGen) to perform an independent water and wastewater cost of service and rate design study (Study). As part of the Study, NewGen was requested to forecast revenue requirements and rates for Fiscal Year (FY) 2022 through FY 2026. This Study describes the analysis performed for the City and makes recommendations with respect to rates to be charged to the City's water and wastewater customers.

Regular reviews of the performance of a utility's water and wastewater rates are an integral part of the management of any water and wastewater utility, and failure to monitor the City's rates can result in the need for significant rate actions. NewGen recommends that, going forward, the City continues its practice of regularly monitoring and reviewing the performance of its rates and perform rate adjustments, when necessary, to preserve the financial integrity of the water and wastewater utility.

The analysis performed by NewGen is designed to take into account the foreseeable changes from the current fiscal year (FY 2022) through FY 2026. The goal is to construct a planning tool with which the City can gain an understanding of the issues that need to be addressed during the Study's planning horizon. As with any forecast, assumptions must be made and the City should be aware that the actual rates required may be different from the projected rates outlined in this Study due to unforeseen changes in key assumptions, such as system growth, inflation, etc.

Current Utility Operations

The City provides wholesale water to nine wholesale customers in addition to its retail customers, composed of approximately 15,321 connections. Wastewater service is provided to retail customers, comprised of approximately 13,044 residential wastewater customers.

For the twelve month period ending in September 2020, a period of "typical" rainfall, retail customers were billed for approximately 1,260,000,000 gallons of treated water. During the same time period, wholesale customers were billed for approximately 379,506,300 gallons of treated water.

The City's primary sources of water supply are the City-owned Hudson Lake, located north and west of the City, and Hulah Lake, owned by the U.S. Army Corps of Engineers.

Current Retail Rates

The water and wastewater rate structure currently consists of a three-part rate design composed of 1) a minimum monthly charge for all customers; and 2) a volumetric charge per 1,000 gallons for all consumption; and 3) a capital investment fee charge per 1,000 gallons for all consumption. The minimum monthly charge increases with the increasing meter size, which is consistent with industry best management practices. The current retail water meter rates are shown in Table 1-1.



Table 1-1 Current Monthly Meter Rates: Water¹

Meter Size	Retail
<1"	\$15.19
1"	\$37.98
1.5"	\$75.95
2"	\$121.52
3"	\$227.85
4"	\$379.75
6"	\$759.50
8"	\$1215.20

Outside City Limits rates are 125% of Inside City rate.

The City uses a five-tiered volumetric water rate structure for customers with a meter size 3" or smaller, and a flat volumetric rate for customers with meters larger than 3". Table 1-2 lists the current volumetric rates for each retail customer type.

Table 1-2
Current Volumetric Rates: Water¹

Garrone Foramouro Factor Fractor						
Water Consumption (per 1,000 Gallons)	3" or Smaller	Greater than 3"				
0–2,000 gallons	\$ -	\$ -				
2,001–10,000 gallons	\$4.27	\$4.27				
10,001–25,000 gallons	\$4.70	\$4.27				
25,001–50,000 gallons	\$5.12	\$4.27				
> 50,000 gallons	\$5.55	\$4.27				

^{1.} Outside City Limits rates are 125% of Inside City rate.

The Water Capital Investment Fee is based on a flat rate of \$0.85 per 1,000 gallons of consumption.

The City's wastewater rate structure includes a minimum bill, a volumetric rate, and a wastewater capital investment fee. The residential monthly volumetric average is determined by multiplying a 1.2 multiplier times the average water consumption for the lowest three bills issued in January, February, March, and April for residential customers. Commercial customers are billed based on 100% of actual water consumption. The current wastewater rates are shown in Table 1-3.

Table 1-3
Current Wastewater Rates¹

	Rate
Minimum Bill	\$9.93
Volumetric Rate ²	\$3.29
Capital Investment Fee ²	\$2.53

^{1.} Outside City Limits rates are 125% of Inside City rate.

^{2.} Rate per 1,000 gallons.

Section 2 REVENUE REQUIREMENT

There are two primary ratemaking methodologies employed in the water and wastewater utility industry: the cash basis and the utility basis. The primary difference between the cash basis and the utility basis involves the use of depreciation and return on invested capital (utility basis); versus debt service and cash capital outlays (cash basis), to reflect the cost of building and maintaining the utility's capital infrastructure. The cash basis, which is the most common method used by municipal utilities, includes operating and maintenance costs (O&M), debt service, and cash capital outlays in the revenue requirement determination. The cash basis focuses on meeting the cash demands of the utility. The cash basis is usually more easily understood by municipal utilities since it follows the traditional cash-oriented budgeting practices used by governmental entities. In addition, the cash basis is generally easier to explain to customers since the cash basis attempts to match revenues to expenditures. In performing this analysis, the Project Team has utilized the cash basis to develop the City's revenue requirement.

Test Year Revenue Requirement

NewGen reviewed historical financial results for prior fiscal years and developed a "Test Year" for the Study based on the FY 2021¹ Budget. A Test Year is a common term in rate studies that refers to an adjusted fiscal year budget that is used as a basis for setting rates. The Test Year should be representative of "typical" conditions, with adjustments for any unusual or one-time revenues or expenses. The Test Year separates costs and allocates them specifically to the water and wastewater functions, common costs such as administrative expenses were allocated 50% to water and 50% to wastewater.

The Test Year was used to develop a five-year revenue requirement forecast for FY 2022 through FY 2026. The revenue requirement identifies the amount that should be recovered from rates to fully recover the cost of providing service. To ensure the City's budget accurately reflects the cost of providing service, adjustments were made to capital costs and revenue offsets (i.e., miscellaneous revenues received by the City other than through rates). The FY 2021 Budget, adjustments, and resulting "Test Year" are shown in the Appendix, Schedule 1.

In addition, the revenue requirement forecast incorporates existing debt service and a capital improvement plan forecast. The following sub-sections summarize the notable factors affecting the projected revenue requirement.

Inflation Factors

The Test Year revenue requirement was used as the basis for the five-year financial forecast. Certain expenses were projected based on contractual terms, such as debt service payments, however, most expenses were O&M related costs and assigned one of the inflation factors outlined in Table 2-1.



¹ The City's fiscal year starts October 1 and ends September 30.

Table 2-1 Inflation Factors

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
General	2.10%	2.10%	2.10%	2.10%	2.10%
Salaries	5.00%	3.50%	3.50%	3.50%	3.50%
Benefits	5.00%	3.50%	3.50%	3.50%	3.50%
Chemicals	3.00%	3.00%	3.00%	3.00%	3.00%
Electric	3.00%	3.00%	3.00%	3.00%	3.00%
Equip Fuel	5.00%	5.00%	5.00%	5.00%	5.00%
Capital Projects	5.00%	5.00%	5.00%	5.00%	5.00%
General Fund Transfer	4.00%	4.00%	4.00%	4.00%	4.00%

To be conservative, revenue offsets are assumed to be constant over the five-year forecast.

Capital Improvement Plan

The revenue requirement incorporates a capital improvement plan (CIP) provided by the City for the five-year forecast. This capital improvement plan will be financed through a combination of debt issues and cash funded by revenues from water and wastewater rates. This will fund projects related to replacing water lines, replacing pump stations, and heavy equipment upgrades.

A capital improvement plan forecast for the FY 2022 – FY 2026 period is provided in Appendix, Schedule 2.

Debt Service

Existing Debt Service

The five-year revenue requirement forecast includes the City's outstanding debt service to ensure the annual recovery of principal and interest payments. The FY 2022 annual principal and interest payments total approximately \$3.03 million, which decrease to approximately \$2.69 million in FY 2026.

Proposed Debt Service

The City plans to issue the following three debt series within the five-year forecast: \$9.05 million in FY 2022 for Water Construction Projects, \$45 million in FY 2023 for Wastewater Treatment Plant Expansion, and \$20 million in FY 2025 for Caney PS Corridor Improvements.

Revenue Requirement Forecast

Based on the Test Year, and assumptions detailed above, NewGen developed the net revenue requirement forecast for the City. Table 2-2 shows the City's net revenue requirement for the five-year forecast period. A detailed five-year forecast is provided in Appendix, Schedule 3 and Schedule 4.

Table 2-2 Revenue Requirement Forecast

	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Water Revenue Requirement	\$10,813,910	\$10,594,764	\$10,830,509	\$10,772,627	\$11,533,492
Wastewater Revenue Requirement	\$7,477,082	\$8,364,531	\$9,660,331	\$9,923,312	\$10,534,970
Total	\$18,290,992	\$18,959,295	\$20,490,840	\$20,695,939	\$22,068,462



Section 3 RATES

In evaluating the performance of existing rates, and to project future rates, some estimation of billed water consumption is required. In making this estimation, it is necessary to consider a period of normal precipitation. If data involving abnormal weather patterns is utilized (i.e., unusually low or excessive precipitation), then the resulting revenue estimates could be too high or too low. NewGen reviewed customer billing data for the period of October 1, 2017, to September 30, 2020. From these data sets, NewGen compiled 12 months of data determined to be the closest to what normal consumption would be during a year with a "normal" level of rainfall. For purposes of the Study, NewGen used retail consumption data from October 2019 through September 2020. This projected period was used to reflect normal system operation. The Utility's actual water sales should be compared annually to the figures utilized within this Study. To the extent significant variances exist, then the rates forecasted herein may need to be amended.

Revenue Recovery from Current Rates

Table 3-1 provides a summary of the projected revenue to be realized if current rates remain unchanged. It should be noted that for the purpose of this analysis, NewGen has assumed no customer growth from FY 2022 to FY 2026. A detailed five-year forecast is provided in Appendix, Schedule 7 and Schedule 8.

Table 3-1
Projected Revenue Performance under Current Rates

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water					
Revenue	\$10,426,536	\$10,426,536	\$10,426,536	\$10,426,536	\$10,426,536
Cost of Service	\$10,813,910	\$10,594,764	\$10,830,509	\$10,772,627	\$11,533,492
Water Over / (Under) ¹	\$(387,374)	\$(168,228)	\$(403,973)	\$(346,091)	\$(1,106,956)
Wastewater					
Revenue	\$6,864,830	\$6,864,830	\$6,864,830	\$6,864,830	\$6,864,830
Cost of Service	\$7,477,082	\$8,364,531	\$9,660,331	\$9,923,312	\$10,534,970
Wastewater Over / (Under) 1	\$(612,252)	\$(1,499,701)	\$(2,795,501)	\$(3,058,482)	\$(3,670,140)
Total Utility Over / (Under) 1	\$(999,626)	\$(1,667,929)	\$(3,199,474)	\$(3,404,574)	\$(4,777,097)

^{1.} Any minor arithmetic deviation is due to rounding.



Proposed Water Rates

Minimum Bills

Table 3-2 reflects NewGen's proposed minimum bill rates for FY 2022 – FY 2026.

Table 3-2 Proposed Minimum Bill Rates: Water

Meter Size (inches)	Current Rates	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
3/4	\$15.19	\$16.19	\$16.19	\$16.19	\$16.19	\$17.19
1	37.98	40.48	40.48	40.48	40.48	42.98
1 ½	75.95	80.95	80.95	80.95	80.95	85.95
2	121.52	129.52	129.52	129.52	129.52	137.52
3	227.85	242.85	242.85	242.85	242.85	257.85
4	379.75	404.75	404.75	404.75	404.75	429.75
6	759.50	809.50	809.50	809.50	809.50	859.50
8	1,215.20	1,295.20	1,295.20	1,295.20	1,295.20	1,375.20

NewGen proposes the City increase the minimum bill rate by \$1.00 in FY 2022 and FY 2026.²

Volumetric Rates

The City currently uses a tiered volumetric rate for customers with a 3-inch meter or smaller and a flat volumetric rate for customers with a meter greater than 3 inches. Table 3-3 details the proposed retail volumetric rates for FY 2022 – FY 2026.

Table 3-3
Proposed Volumetric Rates: Water

Volumetric Rate (1,000 gal)	Current Rates	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
3" meter or less						
0–2,000 gallons	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2,001-10,000 gallons	4.27	4.52	4.52	4.52	4.52	4.77
10,001–25,000 gallons	4.70	4.98	4.98	4.98	4.98	5.25
25,001-50,000 gallons	5.12	5.42	5.42	5.42	5.42	5.72
>50,000 gallons	5.55	5.88	5.88	5.88	5.88	6.20
Greater than 3" meter						
0-2,000 gallons	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
>2,000 gallons	4.27	4.52	4.52	4.52	4.52	4.77

² Meters one (1) inch and larger are increased at a proportionate rate consistent with the multiplier currently used to increase minimum bills for meters that are one (1) inch and larger.

3-2

NewGen recommends a \$0.25 volumetric rate increase in FY 2022 and FY 2026 for all retail water customers.

Water Capital Investment Fee

The City also charges each customer a Water Capital Investment Fee based on water consumption per 1,000 gallons. Table 3-4 reflects NewGen's proposed Water Capital Investment Fee rates.

Table 3-4
Proposed Capital Investment Fee: Water

	Current	Year 1	Year 2	Year 3	Year 4	Year 5
	Rates	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Volumetric Rate (1,000 gal)	\$0.85	\$0.95	\$0.95	\$0.95	\$0.95	\$1.05

NewGen recommends a \$0.10 increase to the Water Capital Investment Fee in FY 2022 and FY 2026.

Wholesale Water Rates

The City provides water to nine wholesale water customers whose rates are contracted as a percentage of retail water rates, with the exception of Dewey who is charged a flat volumetric rate. Table 3-5 reflects the proposed minimum bills for wholesale customers based on the retail rates proposed in Tale 3-2.

Table 3-5
Proposed Minimum Bill Rates: Wholesale

Meter Size (inches)	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Dewey ¹	\$ -	\$ -	\$ -	\$ -	\$ -
Washington Co. #5 ²	501.89	501.89	501.89	501.89	532.89
Minnesota Water ³	80.95	80.95	80.95	80.95	85.95
2" ⁴	161.90	161.90	161.90	161.90	171.90
3" 4	303.56	303.56	303.56	303.56	322.31
4 " ⁴	505.94	505.94	505.94	505.94	537.19
6" ⁴	1011.88	1011.88	1011.88	1011.88	1,074.38
8" 4	1,619.00	1,619.00	1,619.00	1,619.00	1,719.00

- Per City Contract, Dewey is only charged a flat volumetric rate.
- 2. Per City Contract, Washington Co. #5 is charged 124% of retail water rates.
- 3. Per City Contract, Minnesota Water is charged as a 1.5" retail water customer.
- 4. Per City Contracts, all other wholesale customers are charged 125% of retail water rates.

Table 3-6 reflects the proposed volumetric water rates for wholesale customers based on the retail rates proposed in Table 3-3.

Table 3-6
Proposed Volumetric Rates: Water

Volumetric Rate (1,000 gal)	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Dewey	\$3.32	\$3.32	\$3.32	\$3.32	\$3.32
Washington Co. #5					
0-2,000 gallons	\$ -	\$ -	\$ -	\$ -	\$ -
> 2,000 gallons	5.60	5.60	5.60	5.60	5.91
Minnesota					
0-2,000 gallons	\$4.52	\$4.52	\$4.52	\$4.52	\$4.77
2,001-10,000 gallons	4.98	4.98	4.98	4.98	5.25
10,001-25,000 gallons	5.42	5.42	5.42	5.42	5.72
25,001-50,000 gallons	5.88	5.88	5.88	5.88	6.20
>50,000 gallons	4.52	4.52	4.52	4.52	4.77
Other Wholesale Customers					
0-2,000 gallons	\$ -	\$ -	\$ -	\$ -	\$ -
>2,000 gallons	5.65	5.65	5.65	5.65	5.96

Proposed Wastewater Rates

Minimum Bills

Table 3-7 lists the proposed wastewater minimum bill for all retail wastewater customers.

Table 3-7
Proposed Minimum Bill: Wastewater

	Current	Year 1	Year 2	Year 3	Year 4	Year 5
	Rates	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Retail Monthly Minimum Bill	\$9.93	\$11.93	\$13.93	\$15.93	\$17.93	\$19.93

NewGen proposes the City increase the minimum bill by \$2.00 each year from FY 2022 through FY 2026.

Volumetric Rates

The City currently charges a flat volumetric rate to every customer based on either a winter average (Residential Customers) or actual water consumption (Commercial Customers). Table 3-8 lists the proposed wastewater volumetric rates.

Table 3-8
Proposed Volumetric Rates: Wastewater

	Current	Year 1	Year 2	Year 3	Year 4	Year 5
	Rates	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Rate per 1,000 gallons	\$3.29	\$3.49	\$3.69	\$3.89	\$4.09	\$4.29

NewGen recommends the City increase the volumetric rate by \$0.20 each year from FY 2022 through FY 2026.

Wastewater Capital Investment Fee

The City charges a Wastewater Capital Investment Fee to each customer based on their water consumption per 1,000 gallons. The Wastewater Capital Investment fee is currently set by the City at \$2.53 per 1,000 gallons. NewGen <u>does not</u> propose a rate increase to the Wastewater Capital Investment Fee during the five-year period.

Projected Revenue Recovery

The rates proposed in Scenario 1 are projected to generate sufficient revenue, over the next five years, as shown in Table 3-9. A detailed five-year forecast is provided in Appendix, Schedule 9 and Schedule 10.

Table 3-9
Projected Revenue Performance under Proposed Rates

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	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water					
Revenue	\$11,091,140	\$11,091,140	\$11,091,140	\$11,091,140	\$11,755,740
Cost of Service	\$10,813,910	\$10,594,764	\$10,830,509	\$10,772,627	\$11,533,492
Water Over / (Under)	\$277,230	\$496,377	\$260,631	\$318,513	\$222,248
Cumulative Over / (Under) Recovery	\$277,230	\$773,607	\$1,034,238	\$1,352,751	\$1,574,999
Wastewater					
Revenue	\$7,361,676	\$7,858,521	\$8,355,367	\$8,852,213	\$9,349,059
Cost of Service	\$7,477,082	\$8,364,531	\$9,660,331	\$9,923,312	\$10,534,970
Wastewater Over / (Under)	\$(115,406)	\$(506,010)	\$(1,304,964)	\$(1,071,099)	\$(1,185,911)
Cumulative Over / (Under) Recovery ¹	\$(115,406)	\$(621,416)	\$(1,926,379)	\$(2,997,478)	\$(4,183,389)

^{1.} Wastewater Utility is utilizing approximately \$5 million in reserves towards revenue shortfall.

Average Residential Bill

Table 3-10 shows the average bill for residential customers under the proposed rates from FY 2022 – FY 2026. The average residential bill assumes an average monthly consumption of 5,800 gallons of water, 4,000 gallons of wastewater, and a ¾" meter.

Table 3-10
Average Bill – Proposed Rates (Residential)

	Current	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water (5,800 gallons)	\$36.38	\$38.88	\$38.88	\$38.88	\$38.88	\$41.41
Wastewater (4,000 gallons)	\$33.21	\$36.01	\$38.81	\$41.61	\$44.41	\$47.21
Total Bill	\$69.59	\$74.89	\$77.69	\$80.49	\$83.29	\$88.62
Variance		\$5.30	\$2.80	\$2.80	\$2.80	\$5.33
% Change		7.62%	3.74%	3.60%	3.49%	6.40%

Average Commercial Bill

Table 3-11 shows the average bill for commercial customers under the proposed rates from FY 2022 – FY 2026. The average commercial bill assumes an average monthly consumption of 15,500 gallons of water and wastewater, and a $\frac{3}{4}$ " meter.

Table 3-11
Average Bill – Proposed Rates (Commercial)

	Current	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water (15,500 gallons)	\$88.38	\$94.47	\$94.47	\$94.47	\$94.47	\$100.51
Wastewater (15,500 gallons)	\$100.15	\$105.25	\$110.35	\$115.45	\$120.55	\$125.65
Total Bill	\$188.53	\$199.72	\$204.82	\$209.92	\$215.02	\$226.16
Variance		\$11.19	\$5.10	\$5.10	\$5.10	\$11.14
% Change		5.93%	2.55%	2.49%	2.43%	5.18%

Section 4 OTHER RATE ANALYSES

After presenting the proposed water and wastewater rates to City Council in May 2021, NewGen received information that the City was considering the following alternative scenarios to the previously proposed rate design:

- Scenario 1: Funding AMI with Pay-As-You-Go
- Scenario 2: Funding AMI with Debt
- Scenario 3: Increasing the Rate Block to 15% (AMI with Pay-As-You-Go)
- Scenario 4: Increasing the Rate Block to 15% (AMI with Debt)
- Scenario 5: Five-Year Wholesale Rate Adjustment

Table 4-1 summarizes the rate increases proposed by NewGen in Section 3 (Baseline Scenario).

Table 4-1
Proposed Rate Increases (Baseline Scenario)

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water					
Minimum Bill	\$1.00	\$ -	\$ -	\$ -	\$1.00
Volumetric Rate	\$0.25	\$ -	\$ -	\$ -	\$0.25
Capital Investment Fee	\$0.10	\$ -	\$ -	\$ -	\$0.10
Wastewater					
Minimum Bill	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00
Volumetric Rate	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20
Capital Investment Fee	\$ -	\$ -	\$ -	\$ -	\$ -

Rate increases shown in Tables 4-2 to 4-9 are adjustments to current rates (Tables 1-1 through 1-3) and are independent of the rate adjustments listed in Table 4-1.

Scenario 1: Funding AMI with Pay-As-You-Go

For this scenario, \$5.25 million has been added to the Capital Improvement Plan for FY 2022 – FY 2026 to fund a new AMI System and will be financed through Pay-as-You-Go funding. Table 4-2 summarizes the proposed rate increases for Scenario 1 for FY 2022 – FY 2026.



Table 4-2
Proposed Rate Increases
Scenario 1: Funding AMI with Pay-As-You-Go

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water					
Minimum Bill	\$1.25	\$ -	\$ -	\$ -	\$ -
Volumetric Rate	\$0.25	\$ -	\$ -	\$ -	\$ -
Capital Investment Fee	\$0.75	\$0.75	\$ -	\$ -	\$ -
Wastewater					
Minimum Bill	\$1.50	\$1.50	\$1.50	\$1.50	\$1.50
Volumetric Rate	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Investment Fee	\$0.35	\$0.35	\$0.25	\$0.25	\$0.25

Under Scenario 1, the utility is utilizing approximately \$950,000 in Water Capital Reserves and \$5.25 million in Wastewater Capital Reserves towards revenue shortfall.

Scenario 2: Funding AMI with Debt

For this scenario, \$5.25 million has been added to the Capital Improvement Plan for FY 2022 – FY 2026 to fund a new AMI System and will be financed though debt. For the purposes of this rate analysis, NewGen assumes the debt will be issued in FY 2022 at 3.00% interest over a 10-year term. Table 4-3 summarizes the proposed rate increases for Scenario 2 from FY 2022 – FY 2026.

Table 4-3
Proposed Rate Increases
Scenario 2: Funding AMI with Debt

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water					
Minimum Bill	\$1.00	\$ -	\$ -	\$ -	\$ -
Volumetric Rate	\$0.10	\$ -	\$ -	\$ -	\$ -
Capital Investment Fee	\$0.35	\$0.35	\$0.25	\$0.25	\$0.25
Wastewater					
Minimum Bill	\$1.50	\$1.50	\$1.50	\$1.50	\$1.50
Volumetric Rate	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Investment Fee	\$0.35	\$0.35	\$0.25	\$0.25	\$0.25

Under Scenario 2, the utility is utilizing approximately \$850,000 in Water Capital Reserves and \$5.25 million in Wastewater Capital Reserves towards the revenue shortfall.

Scenario 3: Increasing the Rate Blocks from 10% to 15% (AMI with Pay-As-You-Go)

For Scenario 3, the rate analysis includes the \$5.25 million addition to fund new AMI, financed through Pay-As-You-Go as seen in Scenario 1, and additionally increases each increment of the volumetric rate structure from 10% to 15%. Table 4-4 summarizes the proposed rate increases for Scenario 3 from FY 2022 – FY 2026.

Table 4-4
Proposed Rate Increases
Scenario 3: Increasing the Rate Block to 15% (AMI with Pay-As-You-Go)

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water					
Minimum Bill	\$1.25	\$ -	\$ -	\$ -	\$ -
Volumetric Rate	\$0.20	\$ -	\$ -	\$ -	\$ -
Capital Investment Fee	\$0.75	\$0.70	\$ -	\$ -	\$ -
Wastewater					
Minimum Bill	\$1.50	\$1.50	\$1.50	\$1.50	\$1.50
Volumetric Rate	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Investment Fee	\$0.35	\$0.35	\$0.25	\$0.25	\$0.25

Under Scenario 3, the utility is utilizing approximately \$1.1 million in Water Capital Reserves and \$5.25 million in Wastewater Capital Reserves towards revenue shortfall.

Table 4-5 shows the volumetric water rates for each consumption tier under Scenario 3's increased rate block structure.

Table 4-5
Volumetric Water Rates
Scenario 3: Increasing the Rate Block to 15% (AMI with Pay-As-You-Go)

Volumetric Rates (per 1,000 gals)	Current Rates	Rate Block Multiplier	FY 2022 Rates ¹	Rate Block Multiplier
0–2,000 gallons	\$ -	-	\$ -	-
2,001–10,000 gallons	\$4.27	1.00	\$4.47	1.00
10,001–25,000 gallons	\$4.70	1.10	\$5.14	1.15
25,001–50,000 gallons	\$5.12	1.20	\$5.81	1.30
50,001+ gallons	\$5.55	1.30	\$6.48	1.45

^{1.} Rates include \$0.20 increase proposed in FY 2022 (Table 4-4)

Scenario 4: Increasing the Rate Block from 10% to 15% (AMI with Debt)

For Scenario 4, the rate analysis includes the \$5.25 million addition to fund new AMI, financed through debt as seen in Scenario 2, and additionally increases each increment of the volumetric rate structure from 10% to 15%. Table 4-6 summarizes the proposed rate increases for Scenario 4 from FY 2022 – FY 2026.

Table 4-6
Proposed Rate Increases
Scenario 4: Increasing the Rate Block to 15% (AMI with Debt)

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Water						
Minimum Bill	\$0.75	\$ -	\$ -	\$ -	\$ -	
Volumetric Rate	\$0.05	\$ -	\$ -	\$ -	\$ -	
Capital Investment Fee	\$0.35	\$0.30	\$0.25	\$0.20	\$0.20	
Wastewater						
Minimum Bill	\$1.50	\$1.50	\$1.50	\$1.50	\$1.50	
Volumetric Rate	\$ -	\$ -	\$ -	\$ -	\$ -	
Capital Investment Fee	\$0.35	\$0.35	\$0.25	\$0.25	\$0.25	

Under Scenario 4, the utility is utilizing approximately \$930,000 in Water Capital Reserves and \$5.25 million in Wastewater Capital Reserves towards revenue shortfall.

Table 4-7 shows the volumetric water rates for each consumption tier under Scenario 4's increased rate block structure.

Table 4-7
Volumetric Water Rates
Scenario 4: Increasing the Rate Block to 15% (AMI with Debt)

Volumetric Rates (per 1,000 gals)	Current Rates	Rate Block Multiplier	FY 2022 Rates ¹	Rate Block Multiplier
0–2,000 gallons	\$ -	-	\$ -	-
2,001–10,000 gallons	\$4.27	1.00	\$4.32	1.00
10,001–25,000 gallons	\$4.70	1.10	\$4.97	1.15
25,001–50,000 gallons	\$5.12	1.20	\$5.62	1.30
50,001+ gallons	\$5.55	1.30	\$6.26	1.45

^{1.} Rates include \$0.05 increase proposed in FY 2022 (Table 4-6)

Scenario 5: Five-Year Wholesale Rate Adjustment

Under Scenario 5, wholesale volumetric water rates are adjusted over a five-year period starting in FY 2023 so that all wholesale customers are paying the same rate as Inside City Limits customers by FY 2027. For this rate analysis, Dewey is given its own volumetric and water capital investment fee, while all other wholesale customers will have their current 1.25 rate multiplier reduced by 5% each year until FY 2027.

Scenario 5 builds off of Scenario 3 (Tables 4-4 and 4-5) which includes funding a new AMI through Pay-As-You-Go and increasing the incremental rate block structure from 10% to 15%.

Table 4-8 summarizes the proposed rate increases for Scenario 5 from FY 2022 – FY 2026.

Table 4-8
Proposed Rate Increases
Scenario 5: 5-Year Wholesale Rate Adjustment (Builds off Scenario 3)

		,				
	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	
Water						
Minimum Bill	\$1.25	\$ -	\$ -	\$ -	\$ -	
Volumetric Rate	\$0.20	\$ -	\$ -	\$ -	\$ -	
Dewey Volumetric Rate	\$ -	\$0.23	\$0.23	\$0.23	\$0.23	
Capital Investment Fee	\$0.75	\$0.65	\$ -	\$ -	\$ -	
Dewey Capital Investment Fee	\$ -	\$0.45	\$0.45	\$0.45	\$0.45	
Wastewater						
Minimum Bill	\$1.50	\$1.50	\$1.50	\$1.50	\$1.50	
Volumetric Rate	\$ -	\$ -	\$ -	\$ -	\$ -	
Capital Investment Fee	\$0.35	\$0.35	\$0.25	\$0.25	\$0.25	

Under Scenario 5, the utility is utilizing approximately \$970,000 in Water Capital Reserves and \$5.25 million in Wastewater Capital Reserves towards revenue shortfall.

Table 4-9 shows the base volumetric water rates for wholesale customers from FY 2022 – FY 2027.

Table 4-9
Volumetric Water Rates
Scenario 5: 5-Year Wholesale Rate Adjustment (Builds off Scenario 3)

Wholesale Customers	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Dewey	\$3.32	\$3.56	\$3.80	\$4.04	\$4.28	\$4.52
Washington Co. District #51	\$5.60	\$5.42	\$5.20	\$4.97	\$4.75	\$4.52
Minnesota ²	\$4.52	\$4.52	\$4.52	\$4.52	\$4.52	\$4.52
Other Wholesale Customers	\$5.65	\$5.42	\$5.20	\$5.20	\$4.75	\$4.52

^{1.} Washington Co. District #5 starts with a 1.24x rate multiplier that is reduced to 1.20x in FY 2023, then reduced by 5% each year until FY 2027.

^{2.} Minnesota is not adjusted over the 5-year period as they are currently charged Inside City Limits rates.



Section 5 RECOMMENDATIONS

Based on NewGen's financial forecast and rate experience, we recommend that the City implement the rates as developed and provided in Section 4 and shown below.

Recommended Water Rates

Table 5-1
Proposed Minimum Bill Rates: Water

Meter Size (inches)	Current Rates	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
3/4	\$15.19	\$16.19	\$16.19	\$16.19	\$16.19	\$17.19
1	37.98	40.48	40.48	40.48	40.48	42.98
1 ½	75.95	80.95	80.95	80.95	80.95	85.95
2	121.52	129.52	129.52	129.52	129.52	137.52
3	227.85	242.85	242.85	242.85	242.85	257.85
4	379.75	404.75	404.75	404.75	404.75	429.75
6	759.50	809.50	809.50	809.50	809.50	859.50
8	1,215.20	1,295.20	1,295.20	1,295.20	1,295.20	1,375.20

Table 5-2
Proposed Volumetric Rates: Water

Volumetric Rate (1,000 gal)	Current Rates	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
3" meter or less						
0-2,000 gallons	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2,001-10,000 gallons	4.27	4.52	4.52	4.52	4.52	4.77
10,001–25,000 gallons	4.70	4.98	4.98	4.98	4.98	5.25
25,001-50,000 gallons	5.12	5.42	5.42	5.42	5.42	5.72
>50,000 gallons	5.55	5.88	5.88	5.88	5.88	6.20
Greater than 3" meter						
0-2,000 gallons	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
>2,000 gallons	4.27	4.52	4.52	4.52	4.52	4.77

Table 5-3
Proposed Capital Investment Fee: Water

	Current	Year 1	Year 2	Year 3	Year 4	Year 5
	Rates	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Volumetric Rate (1,000 gal)	\$0.85	\$0.95	\$0.95	\$0.95	\$0.95	\$1.05

Recommended Wastewater Rates

Table 5-4
Proposed Minimum Bill: Wastewater

	Current	Year 1	Year 2	Year 3	Year 4	Year 5
	Rates	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Retail Monthly Minimum Bill	\$9.93	\$11.93	\$13.93	\$15.93	\$17.93	\$19.93

Table 5-5
Proposed Volumetric Rates: Wastewater

	Current	Year 1	Year 2	Year 3	Year 4	Year 5
	Rates	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Rate per 1,000 gallons	\$3.29	\$3.49	\$3.69	\$3.89	\$4.09	\$4.29

Table 5-6
Proposed Capital Investment Fee: Wastewater

	Current	Year 1	Year 2	Year 3	Year 4	Year 5
	Rates	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Rate per 1,000 gallons	\$2.53	\$2.53	\$2.53	\$2.53	\$2.53	\$2.53

Reserves Under Recommended Rates

Table 5-7 reflects the Water Operating Reserve and Water Capital Reserve balances from FY 2022 – FY 2026 under the recommended rates.

Table 5-7
Reserve Balances: Water

	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Water Operating Reserve					
Beginning Balance	\$ -	\$943,688	\$1,718,460	\$2,325,233	\$2,743,457
Additions	10,251,516	10,260,953	10,268,700	10,274,768	10,827,807
Reductions	9,307,828	9,486,181	9,661,926	9,856,544	9,834,910
Operating Reserve Ending Balance	\$943,688	\$1,718,460	\$2,325,233	\$2,743,457	\$3,736,354
Water Capital Reserve					
Beginning Balance	\$1,000,000	\$343,542	\$78,019	\$(250,158)	\$(326,616)
Additions	1,109,557	1,102,992	1,100,337	1,099,557	1,215,299
Reductions	1,766,015	1,368,515	1,428,515	1,176,015	1,958,515
Capital Reserve Ending Balance	\$343,542	\$78,019	\$(250,158)	\$(326,616)	\$(1,069,832)
Total Water Ending Balance	\$1,287,230	\$1,796,479	\$2,075,075	\$2,416,841	\$2,666,523

Over the five-year period, the utility draws an average of approximately \$1.5 million per year from capital reserves. Operating revenues under the recommended rates sufficiently cover the negative water capital reserve balances in FY 2024 – FY 2026, leaving a total water ending balance of \$2.6 million in FY 2026.

Table 5-8 reflects the Wastewater Operating Reserve and Wastewater Capital Reserve balances from FY 2022 – FY 2026 under the recommended rates.

Table 5-8
Reserve Balances: Wastewater

	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Wastewater Operating Reserve					
Beginning Balance	\$ -	\$309,453	\$1,005,799	\$2,090,154	\$3,591,166
Additions	5,231,142	5,731,082	6,234,891	6,742,581	7,254,437
Reductions	4,921,689	5,034,737	5,150,536	5,241,569	5,363,227
Operating Reserve Ending Balance	\$309,453	\$1,005,799	\$2,090,154	\$3,591,166	\$5,482,376
Wastewater Capital Reserve					
Beginning Balance	\$5,800,000	\$5,433,141	\$4,288,211	\$1,951,833	\$(579,858)
Additions	2,363,141	2,359,472	2,348,023	2,324,659	2,305,141
Reductions	2,730,000	3,504,402	4,684,402	4,856,350	5,346,350
Capital Reserve Ending Balance	\$5,433,141	\$4,288,211	\$1,951,833	\$(579,858)	\$(3,621,068)
Total Wastewater Ending Balance	\$5,742,594	\$5,294,010	\$4,041,987	\$3,011,307	\$1,861,308

Over the five-year period, the utility draws approximately \$8 million from wastewater capital reserves. Operating revenues under the recommended rates sufficiently cover the negative wastewater capital reserve balances in FY 2025 – FY 2026, leaving a total wastewater ending balance of \$1.8 million in FY 2026.

Appendix List of Schedules

List of Schedules

Schedule 1	Test Year – Water & Wastewater
Schedule 2	Capital Improvement Plan – Baseline Scenario
Schedule 3	Water Five-Year Revenue Requirement Forecast
Schedule 4	Wastewater Five-Year Revenue Requirement Forecast
Schedule 5	Water Cost of Service
Schedule 6	Wastewater Cost of Service
Schedule 7	Water Revenue Reconciliation – Current Rates
Schedule 8	Wastewater Revenue Reconciliation – Current Rates
Schedule 9	Water Revenue Reconciliation – Proposed Rates
Schedule 10	Wastewater Revenue Reconciliation – Proposed Rates
Schedule 11	Proposed Reserves – Baseline Scenario





Bartlesville, Oklahoma
Water and Wastewater Cost of Service and Rate Design Study

								Cost of Service and Ra Test Year									
	ccount	Description		FY 2018 Budget	FY 2018 Actual	FY 2019 Budget	FY 2019 Actual	FY 2020 Budget	FY 2020 Actual	FY 2021 Budget	Adjustments	Test Year No	Allocation tes: Water Wa	n stewater	<u>Te</u> Water	est Year Wastewater	Inflation Fa
Expenses																	
Wastewater																	
5097100 W	/WTP 5097100 52310	LItI/Comm	s	2.050 4	3.424	\$ 3.500 \$	3.417 S	3.500 S	7.727 \$	3.500	\$	3.500	0%	100%		\$ 3,500	Consent
	5097100 52310	Prof Servc	\$	2,850 \$	3,424 S	\$ 3,500 \$	3,417 \$	3,500 \$	7,727 \$	3,500	\$	3,500	0%	100% 5	-	\$ 3,500	General General
	5097100 52410	OthService		23.700	20.084	27,158	21,838	23,963	3,390	23,750		23.750	0%	100%		23.750	General
	5097100 52510	MaintServ		40,300	24,961	34,600	26,380	45,399	46,496	25,000		25,000	0%	100%		25,000	General
	5097100 52610	Oper Serv		2.267.568	2.078.603	2,535,869	2.535.869	2,383,414	2.383.413	2,416,977		2.416.977	0%	100%	-	2,416,977	General
	5097100 52710	Tools&Equ		2,207,308	3,963	2,333,603	2,333,609	2,303,414	2,303,413	2,410,577		2,410,577	0%	100%		2,410,377	General
	5097100 53610	MaintMat			14,853		100		202				0%	100%			General
	5097100 55940	Mach&Equip		-		_		_	216	_		-	0%	100%	_		General
	5097100 55980	Cap of FA		-	-	_	-	_	-	_		-	0%	100%	_		General
	5097100 55990	Depr		-	-	_	-	_	-	_		-	0%	100%	_		General
6757100	675710052410	Prof Servc		-	-	-	9,950	17,000	5,600	-		-	0%	100%	-	-	General
	675710052610	MaintServ		-	10,027	-	2,710	16,140	520			-	0%	100%	-		General
	675710055920	Buil&Struc		2,500,000	-	-	-	3,000,000	-	3,000,000	(3,000,000)		0%	100%	-	-	General
	675710055930	Oth Imprv		175,000	-	91,200	91,200	50,000	18,674	100,000	(100,000)	-	0%	100%	-	-	General
	675710055940	Mach&Equip		12,000	10,927	115,000	72,173	170,000	-	-		-	0%	100%	-	-	General
	675710055960	Veh&Equip		35,000	13	157,485	152,980	-	-	200,000	(200,000)	-	0%	100%	-	-	General
		Total WWTP	\$	5,056,418 \$	2,166,955 \$	2,964,811 \$	2,916,616 \$	5,709,416 \$	2,466,239 \$	5,769,227 \$	(3,300,000) \$	2,469,227		5	-	\$ 2,469,227	
5007450 145																	
5097150 W	/W Maintenance	Calarias		437.252 *	425.545	440.000 *	350 *** *	350,000 *	225.545 *	450.044		460.044	001	10001		¢	Calasir -
	5097150 51110 5097150 51120	Salaries OT	\$	427,353 \$ 10.000	426,645 \$ 5.094	418,000 \$ 11.000	369,411 \$ 5.397	350,000 \$ 11.000	335,545 \$ 3.921	469,014 11.000	\$	469,014 11.000	0% 0%	100% 5	-	\$ 469,014 11.000	Salaries Salaries
	5097150 51120	FICA		32,945	31.595	32.000	27.732	29.000	24.602	35.946		35.946	0%	100%	-	35.946	Salaries
	5097150 51130	Health Ins		32,945 83,827	31,595 87,994	96,751	99.646	114,000	114,000	35,946 99,696		35,946 99.696	0%	100%	-	99,696	Benefits
	5097150 51140	DB Retire		56.379	55,236	52.000	27.097	18.000	12,255	27.100		27.100	0%	100%		27.100	Benefits
	5097150 51150	DC Retire		7.120	5,600	6.000	9.010	11.000	11.109	13.062		13.062	0%	100%		13.062	Benefits
	5097150 51133	Work Comp		60.639	60,639	7,596	7,795	10.918	10.918	6.325		6.325	0%	100%		6.325	Benefits
	5097150 51170	Unemploy		,	,	- ,	58	,	,	-		-,	0%	100%	-	-,323	Benefits
	5097150 52110	Emp Svcs		7,400	9,340	9,374	9,862	9,000	6,551	9,850		9,850	0%	100%		9,850	General
	5097150 52310	Utl/Comm		600	757	750	240	375	436	2,500		2,500	0%	100%	-	2,500	General
	5097150 52410	Prof Servc		13,000	1,894	13,000	9,879	13,150	3,350	23,000		23,000	0%	100%	-	23,000	General
	5097150 52510	OthService		3,500	2,647	3,600	2,383	7,500	8,283	9,500		9,500	0%	100%	-	9,500	General
	5097150 52610	MaintServ		20,000	27,007	23,000	6,383	26,000	21,260	35,000		35,000	0%	100%	-	35,000	General
	5097150 52810	Ins&Bonds			-		1,160		1,000	-			0%	100%	-		General
	5097150 53110	Offeq&Furn		-	135	-	-	-	231	2,000		2,000	0%	100%	-	2,000	General
	5097150 53210	Jani Supp		-	-	-	-	-	-	-		-	0%	100%	-	-	General
	5097150 53310	Gen Supp		11,200	7,197	11,200	10,269	11,200	5,307	11,200		11,200	0%	100%	-	11,200	General
	5097150 53410	Tools&Equ		14,950	25,760	21,200	4,298	11,700	32,623	11,500		11,500	0%	100%	-	11,500	General
	5097150 53510	Fuel		20,000	22,323	22,500	22,588	22,500	14,914	22,500		22,500	0%	100%	-	22,500	Equip Fuel
	5097150 53610	MaintMat		70,000	82,322	75,399	72,537	81,647	80,069	75,000		75,000	0%	100%	-	75,000	General
	5097150 53910	Inv Adj		10,600	11,475	-	-	-		-		-	0%	100%	-	-	General
	5097150 55930 5097150 55980	Oth Imprv		-	-	-	-	-	-	-		-	0%	100%	-	-	General
	5097150 55980	Cap of FA Depr		-	-	-	-	-	-	-		-	0%	100%	-	-	General
6757150	6757150 52510	OthService		-	72,917	99,482	103,960	68,160	7,849			-	0%	100%	-	-	General
6/3/130	6757150 53410	Tools&Equ		-	72,917	99,462	105,960	08,100	7,049	-		-	0%	100%	-		General
	6757150 53410	MaintMat		-	_		_	_	_	_		_	0%	100%	_	_	General
	6757150 55930	Oth Imprv		98,720	_	1,113,162	134	664,022	578,107	225,000	(225,000)	_	0%	100%	_	_	General
	6757150 55940	Mach&Equip		-	-	50,000	81,746	50,000	50,000	,	(===)===)	-	0%	100%	_		General
	6757150 55950	Offeg&Furn		-	-					-			0%	100%	-		General
	6757150 55960	Veh&Equip		35,000	13	113,369	33,369	-	-	-		-	0%	100%	-	-	General
		Total WW Main	\$	983,233 \$	936,589 \$	2,179,382 \$	904,953 \$	1,509,172 \$	1,322,330 \$	1,089,193 \$	(225,000) \$	864,193			-	\$ 864,193	
710000 BN	MASwrFund																
	7100000 52210 7100000 52220	Fin Svcs BadDbt WO	\$	- \$ 158	1.087	s - s	- \$	- \$	- \$	-	\$	-	0%	100% \$	-	\$ -	General General
	7100000 52220 7100000 52910	BadDbt WO Debt-Int		158 1,500	1,087	1,500	806	1,500	14,480	1,000	(620)	380	0% 0%	100%	-	380	General None
	7100000 52910	Debt-Int Debt-Prin		28.000	27.625	28.000	27.625	28.000	14,480	28.000	(620)	27.625	0%	100%	-	27.625	None
	/100000 52911	Total BMASwr Fund	5	28,000 29,658 S	27,625				28.292 S	28,000 29,000 \$			U76	100%			NOTIC
			,	,050 9	_5,050 4	. 25,500 \$	20,430 3	_5,500 3	_3,232 3	_5,000 3	(223) 3	_5,005		,		- 20,003	
509900 Int	terfund Transfers																
	509000059101	Transfer to Gen	\$	1,072,034 \$	1,072,034 \$	1,139,941 \$	1,139,941 \$	1,232,871 \$	1,232,871 \$	1,322,219	\$	1,322,219	0%	100%	-	\$ 1,322,219	General
	509000059663	Transfer to Col.				25,000	25,000	25,000	25,000	25,000		25,000	0%	100%		\$ 25,000	General
	509000059670	Transfer to Stab		84,803	84,803	86,503	86,503	87,815	87,815	92,945		92,945	0%	100%	-	\$ 92,945	General
	509000059675	Transfer to Cap.			-	-	-	-	-				0%	100%	-	\$ -	General
		Total Interfund Transfers	\$	1,156,837 \$	1,156,837 \$	1,251,444 \$	1,251,444 \$	1,345,686 \$	1,345,686 \$	1,440,164 \$	- \$	1,440,164			-	\$ 1,440,164	
_																	
	Wastewater Total Expen	ses	\$	7,226,146 \$	4,290,038 \$	6,425,137 \$	5,101,444 \$	8,593,774 \$	5,162,547 \$	8,327,584 \$	(3,525,995) \$	4,801,589				\$ 4,801,589	
Vater																	
5101950 Fle	eet Main																
	5101950 55990	Depr	Ś	- S	- 9	s - s	- S	- s	- S		Ś		100%	0%		\$ -	General
		Total Fleet Main	\$	- \$	- \$	- \$	- \$	- \$	- \$	- \$	- \$	-		0% _5	-	\$ -	
			ŕ	•	·	•	•	•	•	•	•			,		•	
5107200 W																	
	5107200 51110	Salaries	\$	643,160 \$	625,224 \$				582,246 \$	644,428	\$		100%	0% \$			Salaries
	5107200 51120	OT		33,000	29,689	34,000	20,437	34,000	20,496	34,000		34,000	100%	0%	34,00		Salaries
	5107200 51130	FICA		49,389	47,614	48,000	44,637	50,000	44,135	50,000		50,000	100%	0%	50,00		Benefits
	5107200 51140	Health Ins		114,310	114,831	131,933	132,303	156,000	156,000	135,950		135,950	100%	0%	135,95		Benefits
		DB Retire		66,620	53,125	45,000	44,902	43,000	38,337	44,000		44,000	100%	0%	44,00		Benefits
	5107200 51150												100%	0%	19.00		
	5107200 51155	DC Retire		16,180	15,747	19,000	16,243	20,000	16,470	19,000		19,000					Benefits
	5107200 51155 5107200 51170	Work Comp		30,950	30,950	10,358	10,358	8,054	8,054	4,666		4,666	100%	0%	4,66	6 -	Benefits
	5107200 51155				15,747 30,950 9,948 496,350		16,243 10,358 6,349 399,663			19,000 4,666 9,600 527,000						6 - 0 -	

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Test Year

									Test Year									
Line					FY 2018	FY 2018	FY 2019	FY 2019	FY 2020	FY 2020	FY 2021			Allocatio	on	Test Year		
No.	Acc	count	Description		Budget	Actual	Budget	Actual	Budget	Actual	Budget	Adjustments	Test Year Notes:	Water Wa	astewater	Water W	astewater	Inflation Factor
82		5107200 52410	Prof Servc		2,500	4,799	2,500	2,730	27,500	2,650	27,500		27,500	100%	0%	27,500		# General
83 84		5107200 52510 5107200 52610	OthService MaintServ		286,000 258.550	100,454 242,546	293,265 280.211	95,567 180.407	287,510 273,150	113,660 197,946	166,200 306.050		166,200 306.050	100% 100%	0%	166,200 306.050	-	General General
85		5107200 52710	Oper Serv		230,330	242,340	200,211	100,407	273,130	29,878	300,030		-	100%	0%	300,030	-	General
86		5107200 53110	Offeq&Furn		2,000	1,696	2,000	8,209	4,500	913	3,000		3,000	100%	0%	3,000	-	General
87		5107200 53210	Jani Supp		2,000	2,422	2,000	2,031	2,000	5,464	5,000		5,000	100%	0%	5,000	-	General
88		5107200 53310	Gen Supp		754,000	600,050	728,798	648,684	701,000	417,219	701,000		701,000	100%	0%	701,000	-	General
89 90		5107200 53410 5107200 53510	Tools&Equ Fuel		5,500 6.000	6,233 2.828	16,566 4.000	16,623 2,276	9,500 4,000	18,035 4.645	9,500 6.000		9,500 6.000	100% 100%	0% 0%	9,500 6.000	-	General Equip Fuel
91		5107200 53610	MaintMat		169,500	122,712	133,399	124,602	150,000	84,025	126,000		126,000	100%	0%	126,000	-	General
92		5107200 53910	Inv Adj		-	16,207	-		-	-	,		-	100%	0%		-	General
93		5107200 55930	Oth Imprv		-	-	-	-	-	-	-		-	100%	0%	-	-	General
94		5107200 55940	Mach&Equip		-	-	-	68,102	-	9,500	-		-	100%	0%	•	-	General
95 96		5107200 55980 5107200 55990	Cap of FA Depr			-	-	-	-	-	-			100%	0%	-	-	General General
97	6757200	675720051110	Salaries		-	3,314	-	-	-	-	-		-	100%	0%	-	-	Salaries
98		675720051130	FICA		-	254	-	-	-	-	-		-	100%	0%	-	-	Benefits
99		675720051140	Health Ins		-	546	-	-	-	-	-		-	100%	0%	-	-	Benefits
100		675720051150	DB Retire			730	-	-	-	-	-			100%	0%		-	Benefits
101 102		675720052410 675720053110	Prof Servc Offea&Furn			9,000	-	70,000	500,000	304,950	10.000	(10.000)		100% 100%	0% 0%	-	-	General General
102		675720053110	Orreg&Furn MaintMat		-	9.556	-	-	-	-	10,000	(10,000)		100%	0%	-	-	General
104		675720055930	Oth Imprv		292,200	117,173	7,010,000	-	9,200,000	49,952	9,050,000	(9,050,000)	-	100%	0%	-	-	General
105		675720055940	Mach&Equip		262,800	12,943	5,000	7,519	-	-	-			100%	0%		-	General
106		675720055960	Veh&Equip		50,000	13	51,703	41,703	25,000	25,000	25,000	(25,000)		100%	0%		-	General
107			Total WaterPlant		\$ 3,554,259 \$	2,676,953 \$	9,975,333 \$	2,536,047 \$	12,661,814 \$	2,522,268 \$	11,903,894	(9,085,000) \$	2,818,894			\$ 2,818,894 \$	-	
108	5107250 Wa	aterAdm																
109		5107250 51110	Salaries		\$ 179,523 \$	179,001 \$	180,000 \$	176,331 \$	183,000 \$	185,741 \$	191,626	\$	191,626	100%	0%	\$ 191,626 \$	-	Salaries
110		5107250 51120	ОТ		-	-	-	-	-	-	-		-	100%	0%	-	-	Salaries
111		5107250 51130	FICA		14,193	12,916	14,000	12,718	14,000	13,430	14,500		14,500	100%	0%	14,500	-	Benefits
112 113		5107250 51140 5107250 51150	Health Ins DR Retire		15,241 39,545	15,312 39,325	17,591 37.000	17,642 35.885	21,000 36.000	21,000 35,255	18,127 38.000		18,127 38.000	100% 100%	0% 0%	18,127 38.000	-	Benefits Benefits
114		5107250 51170	Work Comp		-	33,323	1,381	1,381	537	537	311		311	100%	0%	311	-	Benefits
115		5107250 52110	Emp Svcs		1,750	899	1,750	1,463	1,750	1,643	1,750		1,750	100%	0%	1,750	-	Benefits
116		5107250 52310	Utl/Comm		12,000	8,325	10,500	8,762	10,500	8,545	10,500		10,500	100%	0%	10,500		General
117		5107250 52410	Prof Servc		46,000	42,000	56,000	46,571	56,750	38,500	46,750		46,750	100%	0%	46,750	-	General
118 119		5107250 52510 5107250 52610	OthService MaintServ		6,300 1,000	5,887	6,300 1,000	6,593	6,700 1,000	8,079	6,700 1,500		6,700 1,500	100%	0% 0%	6,700 1,500	-	General
120		5107250 52610	Oper Serv		1,000	-	1,000	-	1,000	-	1,500		1,500	100%	0%	1,500	-	General General
121		5107250 53110	Offeq&Furn		3,000	2,254	2,500	1,724	3,850	1,589	2,500		2,500	100%	0%	2,500	-	General
122		5107250 53210	Jani Supp		1,800	1,691	1,800	1,343	1,800	985	1,800		1,800	100%	0%	1,800	-	General
123		5107250 53310	Gen Supp		2,500	2,401	2,500	2,498	2,500	1,892	2,500		2,500	100%	0%	2,500	-	General
124 125		5107250 53410 5107250 53510	Tools&Equ		- 600	706	650	490	- 650	- 873	1.000		1.000	100%	0%	1.000	-	General
125		5107250 53510	Fuel MaintMat		500	706	500	490 150	500	8/3	500		500	100%	0%	500	-	Equip Fuel General
127	6757250	6757250 52410	Prof Servo		-	-	106.210	9.091	106.210	65.600	-		-	100%	0%	-		General
128		6757250 52510	OthService		-	223,548	98,720	58,230	113,025	52,714	-		-	100%	0%	-	-	General
129		6757250 55920	Buil&Struc		115,500	-	-	-	1,500,000	6,500	225,000	(225,000)	-	100%	0%	-	-	General
130 131		6757250 55930 6757250 55950	Oth Imprv Offeg&Furn		98,720	-	128,662	-	65,000	711,123	-			100%	0% 0%	-	-	General General
131		6/5/250 55950	Total WaterAdm	=	\$ 538,172 \$	534,266 \$	667,064 \$	380,872 \$	2,124,772 \$	1,154,005 \$	563,064	(225,000) \$	338,064	100%	0%	\$ 338,064 \$		General
133	5107300 Wa																	
134		5107300 51110	Salaries		\$ 770,444 \$	700,490 \$	758,674 \$	682,864 \$	711,000 \$	607,109 \$		\$		100%		\$ 867,441 \$	-	Salaries
135 136		5107300 51120 5107300 51130	OT FICA		35,000 59,793	23,165 53.465	36,000 58.000	24,770 52,287	36,000 57.000	25,692 46,677	36,000 64.846		36,000 64,846	100% 100%	0% 0%	36,000 64.846	-	Salaries Benefits
137		5107300 51130	Health Ins		160,033	160,689	184,706	185,189	218,000	218,000	190,329		190,329	100%	0%	190,329		Benefits
138		5107300 51150	DB Retire		75,949	84,141	71,000	70,731	53,000	56,910	57,100		57,100	100%	0%	57,100	-	Benefits
139		5107300 51155	DC Retire		20,330	12,881	18,000	13,961	20,000	14,094	24,768		24,768	100%	0%	24,768	-	Benefits
140 141		5107300 51170 5107300 51180	Work Comp Unemploy		-	-	14,502	-	19,330	19,330	11,198		11,198	100% 100%	0% 0%	11,198	-	Benefits Benefits
141		5107300 52110	Emp Svcs		11,000	19,182	14,093	10,528	14,000	18,033	14,000		14,000	100%	0%	14,000	-	Benefits
143		5107300 52310	Utl/Comm		2,500	1,801	2,500	2,297	2,500	1,754	5,500		5,500	100%	0%	5,500	-	General
144		5107300 52410	Prof Servc		45,000	5,200	47,000	47,660	47,750	43,453	47,750		47,750	100%	0%	47,750	-	General
145 146		5107300 52510	OthService		6,000	3,998 68.912	9,500	7,745 8.020	6,000	17,138	6,000		6,000	100% 100%	0% 0%	6,000	-	General
145		5107300 52610 5107300 53110	MaintServ Offeq&Furn		15,000	4,346	15,000	8,020 4,354	13,000	21,366 1,276	20,000 2,500		20,000 2,500	100%	0%	20,000 2,500	-	General General
148		5107300 53110	Jani Supp		-	177	-	271	-	142	-		-	100%	0%	-		General
149		5107300 53310	Gen Supp		8,000	8,473	8,000	6,008	8,000	5,023	8,000		8,000	100%	0%	8,000	-	General
150		5107300 53410	Tools&Equ		8,500	10,087	17,315	10,344	8,000	22,019	8,000		8,000	100%	0%	8,000	-	General
151 152		5107300 53510 5107300 53610	Fuel MaintMat		30,000 230.000	35,254 189.026	35,000 241.198	40,728 138.673	37,750 243.079	32,392 178.483	40,000 210.000		40,000 210.000	100% 100%	0% 0%	40,000 210.000	-	Equip Fuel General
152		5107300 53610 5107300 53910	MaintMat Inv Adi		230,000	59,251	241,198	138,673	243,079	1/8,483	210,000		210,000	100%	0%	210,000	-	General
154		5107300 55930	Oth Imprv		-	-	-	-	-	-	-		-	100%	0%		-	General
155		5107300 55960	Veh&Equip		-	27,098	-	2,336	-	-	-		-	100%	0%	-	-	General
156		5107300 55980	Cap of FA		-	-	-	-	-	-	-		-	100%	0%	-	-	General
157	cara	5107300 55990	Depr		-	-	-	-	-	-	-		-	100%	0%	-	-	General
150 151	6757300	6757300 51110 6757300 51130	Salaries FICA		-	-		-		-				100% 100%	0%		- 1	Salaries Benefits
152		6757300 51130	Health Ins		-	-	-	-	-	-	-		-	100%	0%	-	-	Benefits
153		6757300 51150	DB Retire		-	-	-	-	-	-	-		-	100%	0%	-	-	Benefits
154		6757300 51155	DC Retire		-	-	-	-	-	-	-		-	100%	0%	-	-	Benefits
155		6757300 52410	Prof Servc		-	-	-	-	-	106,358	-		-	100%	0%	-	-	General
156 157		6757300 52510 6757300 53410	OthService Tools&Eau		-	5475 30.34	-	4,626	-	-	-		-	100% 100%	0% 0%			General General
157		6757300 53410	MaintMat		-	142038.86	-	4,626	-	-			-	100%	0%		-	General

Bartlesville, Oklahoma
Water and Wastewater Cost of Service and Rate Design Study

		FY 2018	FY 2018	FY 2019	FY 2019	FY 2020	FY 2020	FY 2021			Allocation		Test Ye	er e	
Account	Description	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Adjustments	Test Year No		tewater	Water	Wastewater	Inflation Fa
6757300 559 6757300 559		535,000	15112.88	2,152,000	-	1,700,000	14,862	2,175,000	(2,175,000)	-	100% 100%	0% 0%	-	-	General General
6757300 559		333,000	15112.00	2,152,000	70.100	80,000	25.613	2,173,000	(2,175,000)	-	100%	0%		-	General
6757300 559			0	450.334	29,571	157,995		75.000	(75 000)	-	100%	0%		-	General
6/5/300 55	Total WaterDist	\$ 2,047,549	1,630,293 \$	159,224 3,841,712 \$	1,413,110 \$	3,432,404 \$	117,995 1,593,720 \$	75,000 3,863,432 \$	(75,000) (2,250,000) \$	1,613,432	100%	U%	\$ 1,613,432 \$		General
	Total waterbist	\$ 2,047,549	5 1,630,293 \$	3,841,712 \$	1,413,110 \$	3,432,404 \$	1,593,720 \$	3,863,432 \$	(2,250,000) \$	1,613,432			\$ 1,613,432 \$	-	
7150000 BMAWtr Fund															
7150000 52210	Fin Svcs	\$ 5,000	1,976 \$	5,000 \$	3,500 \$	5,000 \$	500 \$	5,000	\$	5,000	100%	0%	\$ 5,000 \$	-	None
7150000 52220	BadDbt WO		2.661								100%	0%		_	None
7150000 52910	Debt-Int	1,625,000	1,386,132	1,349,000	1,331,764	1,279,000	589,181	1,300,000	(143,629)	1,156,371	100%	0%	1,156,371		None
7150000 52911	Debt-Prin	1.400.000	1,611,972	1,672,000	1.671.701	1,722,000	679.433	1.721.408	120.153	1,841,561	100%	0%	1,841,561		None
7150000 52911	Depr	1,400,000	1,011,572	1,072,000	1,071,701	1,722,000	073,433	1,721,400	120,133	1,041,301	100%	0%	1,041,301		None
7130000 33990	Total BMAWtr Fund	\$ 3,030,000	3.002.741 S	3,026,000 \$	3.006.965 \$	3,006,000 \$	1,269,114 \$	3.026.408 S	(23,476) \$	3.002.932	100%	U76	\$ 3,002,932 \$		None
		+ -,,	,,	-,,	-,, +	-,, +	-,, +	-,, +	(==,=, +	-,,			, ,,,,,,,,,		
510900 Interfund Transfers															
510900591		\$ 1,809,027	1,809,027 \$		1,791,335 \$	1,937,369 \$	1,937,369 \$	1,212,037	\$	1,212,037	100%	0%	\$ 1,212,037 \$	-	General Fund Tr
510900596	3 Transfer to Col.	397	397	25,000	25,000	25,000	25,000	14,585		14,585	100%	0%	14,585	-	General
510900596	'0 Transfer to Stab	128,003	128,003	133,042	133,042	133,460	133,460	79,465		79,465	100%	0%	79,465	-	General
510900596	5 Transfer to Cap.	16,000	16,000	-	-	-	-	-		-	100%	0%	-	-	General
	Total Interfund Transfers	\$ 1,953,427	1,953,427 \$	1,949,377 \$	1,949,377 \$	2,095,829 \$	2,095,829 \$	1,306,087 \$	- \$	1,306,087			\$ 1,306,087 \$	-	
Motor Total France		\$ 11.123.408	t 0.707.681 f	19,459,486 \$	0.206.272 6	22 220 010 . 6	8,634,937 \$	20,662,885 \$	(11.583.476) \$	9.079.409			\$ 9,079,409 \$		
Water Total Expens	:5	\$ 11,123,408	9,797,681 \$	19,459,466 \$	9,286,372 \$	23,320,818 \$	8,834,937 3	20,002,003 3	(11,505,476) \$	9,079,409			\$ 9,079,409 \$		
Proposed Debt															
	Water Construction Project	\$ -	s - \$	- \$	- \$	- \$	- \$	- \$	543,515 \$	543,515	100%	0%	\$ 543,515 \$	-	None
	Construction of WWTP Expansion	-	-	-	-	-	-	-		-	0%	100%	-	-	None
	Construction of Caney PS Corridor Imprmts	-	-	-	-	-	-	-		-	0%	100%	-	-	None
	Proposed Debt Total	s -	5 - \$	- \$	- \$	- \$	- \$	- \$	543,515 \$	543,515			\$ 543,515 \$	-	
	· · · · · · · · · · · · · · · · · · ·		•	•	•	•	•	•	, +	,-					
Capital Improveme	t Plan														
	Pay-as-you-go Funding	ė .							3.952.500 S	3.952.500	31%	69%	\$ 1,222,500 \$	2,730,000	Capital Projects
	Total CIP	3 -						- ş	3,952,500 \$	3,952,500	3176	09%	\$ 1,222,500 \$		Capital Projects
	TOTALCIP	ş -		- >	- >	- >	- >	- >	3,932,300 \$	3,932,300			\$ 1,222,500 \$	2,730,000	
Total Expenses		\$18,349,554	¢ 14 007 710 ¢	2E 994 624 . ¢	1/ 207 016 ¢ :	21 01/ 502 6	12 707 494	20 000 460 ¢	(10 612 AE7) ¢	19 277 012			\$ 10,845,424	7 521 590	
Total Expenses		3 10,343,334	314,007,713 3	23,004,024 3	14,367,610 3	31,314,332 3.	13,737,404 3	28,550,405 3	(10,013,437) 3	10,377,012			3 10,043,424 3	7,331,363	
veseures															
Wastewater															
Wastewater 6750000 Capital Reserve Fur	1														
6750000 Capital Reserve Fur		\$ (1.793.000)	\$ (1.770.674) \$	(7.039.484) \$	(1 894 537) \$	(1 914 697) \$	(2 103 283) \$	(2.100.000) \$	2100.000 \$		0%	100%			None
	19 WWCIF	\$ (1,793,000)	, .,. , .		(1,894,537) \$		(2,103,283) \$	(2,100,000) \$	2,100,000 \$		0%	100%	<u>\$ - \$</u>		None
6750000 Capital Reserve Fur		\$ (1,793,000) \$ (1,793,000)	, .,. , .	(2,039,484) \$ (2,039,484) \$	(1,894,537) \$ (1,894,537) \$	(1,914,697) \$ (1,914,697) \$	(2,103,283) \$ (2,103,283) \$	(2,100,000) \$ (2,100,000) \$	2,100,000 \$ 2,100,000 \$	<u>.</u>	0%	100%	\$ - \$ \$ - \$	-	None
6750000 Capital Reserve Fur	19 WWCIF	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, .,. , .		1,,,			1,,,		<u> </u>	0%	100%	\$ - \$ \$ - \$	-	None
6750000 Capital Reserve Fur	19 WWCIF	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(1,770,624) \$		1,,,	(1,914,697) \$	(2,103,283) \$	(2,100,000) \$		<u>.</u>	0%	100%	\$ - \$ \$ - \$	-	None
6750000 Capital Reserve Fur 6750000444	19 WWCIF Total Capital Reserve Fund	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(1,770,624) \$		1,,,	(1,914,697) \$	(2,103,283) \$	(2,100,000) \$		- (300)	0%	100%	\$ - \$ \$ - \$	- (300)	None
6750000 Capital Reserve Fur 6750000444 710000 BMASwrFnd	19 WWCIF Total Capital Reserve Fund 63 Contr Lic	\$ (1,793,000)	(1,770,624) \$	(2,039,484) \$	(1,894,537) \$			1,,,	2,100,000 \$	(300)			•	(300)	None None
6750000 Capital Reserve Fur 6750000444 710000 BMASwrFnd 7100000 42: 7100000 43:	19 WWCIF Total Capital Reserve Fund 63 Contr Lic 10 Fed Grant	\$ (1,793,000)	(1,770,624) \$	(2,039,484) \$ (400) \$	(1,894,537) \$	(1,914,697) \$ (400) \$	(2,103,283) \$	(2,100,000) \$	2,100,000 \$	(300)	0% 0%	100% 100%	•	(300)	None
6750000 Capital Reserve Fur 675000044- 710000 BMASwrFnd 7100000 42: 7100000 43: 7100000 44:	19 WWCIF Total Capital Reserve Fund 63 Contr Lic 10 Fed Grant 75 Other Svc	\$ (1,793,000) \$ -	(1,770,624) \$ (300) \$	(2,039,484) \$ (400) \$ -	(1,894,537) \$ (500) \$ -	(1,914,697) \$ (400) \$ -	(2,103,283) \$ (400) \$ -	(2,100,000) \$	2,100,000 \$	(300)	0% 0% 0%	100% 100% 100%	•	(300)	None None
6750000 Capital Reserve Fur 6750000444 710000 BMASwrFnd 7100000 42: 7100000 43: 7100000444	19 WWCIF Total Capital Reserve Fund 63 Contr Lic 10 Fed Grant 75 Other Svc. 1 WW/Sew Fee	\$ (1,793,000) \$ - - - (3,618,856)	(1,770,624) \$ (300) \$ (3,409,840)	(2,039,484) \$ (400) \$ (3,600,507)	(1,894,537) \$ (500) \$ (3,215,805)	(1,914,697) \$ (400) \$ (3,313,763)	(2,103,283) \$ (400) \$ (3,173,185)	(2,100,000) \$ (300) (3,295,424)	2,100,000 \$ \$ 3,295,424	(300)	0% 0% 0% 0%	100% 100% 100% 100%	•	(300)	None None None
6750000 Capital Reserve Fur 675000044 710000 BMASwrFnd 7100000 42: 7100000 43: 710000044 710000044	WWCIF Total Capital Reserve Fund GO Contr Lic Fed Grant GO Her Svc WW/Sew Fee Sew Fee	\$ (1,793,000) \$ - - (3,618,856) (814,643)	(1,770,624) \$ (300) \$ (3,409,840) (965,758)	(2,039,484) \$ (400) \$ - (3,600,507) (843,471)	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458)	(2,103,283) \$ (400) \$ - (3,173,185) (1,441,941)	(2,100,000) \$ (300) (3,295,424) (1,528,741)	2,100,000 \$	-	0% 0% 0% 0% 0%	100% 100% 100% 100%	•		None None None None
6750000 Capital Reserve Fur 675000044 710000 BMASwrFnd 7100000 42 7100000 43 71000044 71000044 71000044	19 WWCIF Total Capital Reserve Fund 63 Contr Lic 10 Fed Grant 75 Other Svc 1 WW/Sew Fee 2 SewSvc Fee 3 SewTap Fee	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998)	(300) \$ (300) \$ (300) \$ (300) \$ (300) \$ (300) \$ (300) \$ (300) \$ (300) \$ (400)	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960)	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600)	(2,100,000) \$ (300) (3,295,424) (1,528,741) (1,400)	2,100,000 \$ \$ 3,295,424	- - - - (1,400)	0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100%	•	- - - - (1,400)	None None None None None
6750000 Capital Reserve Fur 675000044* 710000 BMASwrFnd 7100000 42: 710000044 710000044 710000044 710000044	19 WWCIF Total Capital Reserve Fund 63 Contr Lic 10 Fed Grant 75 Other Svc 1 WW/Swe Fee 2 SewSuc Fee 3 SewTap Fee 6 Diskh Test	\$ (1,793,000) \$ - - (3,618,856) (814,643)	(1,770,624) \$ (300) \$ (3,409,840) (965,758)	(2,039,484) \$ (400) \$ - (3,600,507) (843,471)	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458)	(2,103,283) \$ (400) \$ - (3,173,185) (1,441,941)	(2,100,000) \$ (300) (3,295,424) (1,528,741)	2,100,000 \$ \$ 3,295,424	-	0% 0% 0% 0% 0% 0%	100% 100% 100% 100%	•		None None None None
6750000 Capital Reserve Fur 675000044 710000 BMASwrFnd 7100000 43: 7100000 44: 710000444 710000444 710000444 710000444	WWCIF Total Capital Reserve Fund	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998)	5 (1,770,624) \$ 6 (300) \$ - (3,409,840) (965,758) (10,275) (1,885) -	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960)	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600)	(2,100,000) \$ (300) (3,295,424) (1,528,741) (1,400)	2,100,000 \$ \$ 3,295,424	- - - - (1,400)	0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100%	•	- - - - (1,400)	None None None None None None
6750000 Capital Reserve Fur 675000044 710000 BMASwrFnd 7100000 42: 710000044 71000044 71000044 71000044 71000046 71000046	19 WWCIF Total Capital Reserve Fund 63 Contr Lic 10 Fed Grant 75 Other Sv. 11 WWJ/Sew Fee 22 SewSvc Fee 33 SewTap Fee 60 Disch Test 11 Int Earmed 11 Bad Debt Collection	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998)	5 (1,770,624) \$ 6 (300) \$ - (3,409,840) (965,758) (10,275) (1,885) -	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960)	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600)	(2,100,000) \$ (300) (3,295,424) (1,528,741) (1,400)	2,100,000 \$ \$ 3,295,424	- - - - (1,400)	0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100%	•	- - - - (1,400)	None None None None None
6750000 Capital Reserve Fur 675000044 710000 BMASwrFnd 7100000 42: 710000044 71000044 71000044 71000044 71000046 71000046	19 WWCIF Total Capital Reserve Fund 63 Contr Lic 10 Fed Grant 75 Other Svc. 1 WW/Sew Fee 2. SewSvc Fee 3. SewTap Fee 6. Disch Test 11 Bad Debt Collection	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998)	(300) \$ (300) \$ (300) \$ (300) \$ (300) \$ (300) \$ (300) \$ (300) \$ (300) \$ (400)	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960)	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600)	(2,100,000) \$ (300) (3,295,424) (1,528,741) (1,400)	2,100,000 \$ \$ 3,295,424	- - - - (1,400)	0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	•	- - - - (1,400)	None None None None None None None
6750000 Capital Reserve Fur 675000044 710000 BMASwrFnd 7100000 42: 7100000 43: 710000444 710000444 710000444 710000446 710000747 710000747	WWCIF Total Capital Reserve Fund	\$ (1,793,000) \$ (3,618,856) (814,643) (2,998) (3,503) 	5 (1,770,624) \$ 5 (300) \$	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960) (5,859) -	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800) (2,177)	(2,103,283) \$ (400) \$	(2,100,000) \$ (300) (3,295,424) (1,528,741) (1,400) (3,160)	2,100,000 \$ \$ 3,295,424	- - - (1,400) (3,160) - -	0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	•	(1,400) (3,160)	None None None None None None None None
6750000 Capital Reserve Fur 675000044* 7100000 8MASwrFnd 7100000 42: 710000044 710000444 710000444 710000462 710000462 710000462 710000462	WWCIF Total Capital Reserve Fund	\$ (1,793,000) \$. (3,618,856) (814,643) (2,998) (3,03)	5 (1,770,624) \$ 6 (300) \$ - (3,409,840) (965,758) (10,275) (1,885) -	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960)	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600)	(2,100,000) \$ (300) (3,295,424) (1,528,741) (1,400)	2,100,000 \$ \$ 3,295,424	- - - - (1,400)	0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	•	- - - - (1,400)	None None None None None None None None
6750000 Capital Reserve Fur 675000044 710000 BMASwrFnd 7100000 42: 7100000 43: 710000444 710000444 710000444 710000446 710000747 710000747	WWCIF Total Capital Reserve Fund	\$ (1,793,000) \$. (3,618,856) (814,643) (2,998) (3,503) (50,000) (7,769)	5 (1,770,624) \$ 6 (300) \$ (3,409,840) (965,758) (10,275) (1,885) (3) (42,570)	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800) (2,177) (30,000)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600) (1,870) (57,994)	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741	(1,400) (3,160) (30,000)	0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - - - - - - - - - - - - - - - - -	(1,400) (3,160) - - (30,000)	None None None None None None None
6750000 Capital Reserve Fur 675000044** 710000 8MASwrEnd 7100000 43: 710000044 71000044 71000044 71000044 710000462 710000462 710000462 710000482 710000482	WWCIF Total Capital Reserve Fund	\$ (1,793,000) \$. (3,618,856) (814,643) (2,998) (3,03)	5 (1,770,624) \$ 6 (300) \$ (3,409,840) (965,758) (10,275) (1,885) (3) (42,570)	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960) (5,859) -	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800) (2,177)	(2,103,283) \$ (400) \$	(2,100,000) \$ (300) (3,295,424) (1,528,741) (1,400) (3,160)	2,100,000 \$ \$ 3,295,424	- - - (1,400) (3,160) - -	0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	•	(1,400) (3,160)	None None None None None None None None
6750000 Capital Reserve Fur 675000044** 710000 BMASwrEnd 7100000 42: 7100000 44: 710000044 710000444 710000444 710000462 71000062 71000062 710000486 710000472	WWCIF Total Capital Reserve Fund Contr Lic Ged Grant Other Sv. WW/Sew Fee SewSvc Fee SewSvc Fee Signary Fee Signary Fee In Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrind	\$ (1,793,000) \$ (3,618,856) (814,643) (2,998) (3,503) (50,000) (7,769) \$ (4,497,769)	5 (1,770,624) \$ (300) \$ - (3,409,840) (965,758) (10,275) (1,885) - (32,570) - (42,570) \$ (4,430,630) \$	(2,039,484) \$ (400) \$ (3,500,507) (843,471) (2,960) (5,859) (40,000) (4,493,197) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) . (4,454,028) \$	(4,573,598) \$	(2,103,283) \$ (400) \$ - (3,173,185) (1,441,941) (600) (1,870) (57,994) - (4,675,990) \$	(2,100,000) \$ (300) - (3,295,424) (1,528,741) (1,400) (3,160) (30,000) - (4,859,025) \$	2,100,000 \$ \$ \$ 3,295,424 1,528,741	(1,400) (3,160) - - (30,000) - (34,860)	0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	S - S - S	(1,400) (3,160) (30,000) - (34,860)	None None None None None None None None
6750000 Capital Reserve Fur 675000044* 710000 BMASwrEnd 7100000 43: 710000044 71000044 71000044 71000044 710000462 71000042 71000042	WWCIF Total Capital Reserve Fund Contr Lic Ged Grant Other Sv. WW/Sew Fee SewSvc Fee SewSvc Fee Signary Fee Signary Fee In Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrind	\$ (1,793,000) \$. (3,618,856) (814,643) (2,998) (3,503) (50,000) (7,769)	5 (1,770,624) \$ (300) \$ - (3,409,840) (965,758) (10,275) (1,885) - (32,570) - (42,570) \$ (4,430,630) \$	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960) (5,859) (40,000)	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922)	(4,573,598) \$	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600) (1,870) (57,994)	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741	(1,400) (3,160) (30,000)	0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - - - - - - - - - - - - - - - - -	(1,400) (3,160) - - (30,000)	None None None None None None None None
6750000 Capital Reserve Fur 675000044 710000 BMASwrFnd 7100000 42: 710000044 710000044 71000044 71000044 71000044 71000045 71000042 71000042 71000042 71000042	WWCIF Total Capital Reserve Fund Contr Lic Ged Grant Other Sv. WW/Sew Fee SewSvc Fee SewSvc Fee Signary Fee Signary Fee In Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrind	\$ (1,793,000) \$ (3,618,856) (814,643) (2,998) (3,503) (50,000) (7,769) \$ (4,497,769)	5 (1,770,624) \$ (300) \$ - (3,409,840) (965,758) (10,275) (1,885) - (32,570) - (42,570) \$ (4,430,630) \$	(2,039,484) \$ (400) \$ (3,500,507) (843,471) (2,960) (5,859) (40,000) (4,493,197) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) . (4,454,028) \$	(4,573,598) \$	(2,103,283) \$ (400) \$ - (3,173,185) (1,441,941) (600) (1,870) (57,994) - (4,675,990) \$	(2,100,000) \$ (300) - (3,295,424) (1,528,741) (1,400) (3,160) (30,000) - (4,859,025) \$	2,100,000 \$ \$ \$ 3,295,424 1,528,741	(1,400) (3,160) - - (30,000) - (34,860)	0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	S - S - S	(1,400) (3,160) (30,000) - (34,860)	None None None None None None None None
6750000 Capital Reserve Fur 675000044* 710000 BMASwrFnd 7100000 42: 7100000 42: 710000444 710000444 710000442 710000482 710000482 710000472 Total Wastewater f	WWCIF	\$ (1,793,000) \$ (3,618,856) (814,643) (2,998) (3,503) (50,000) (7,769) \$ (4,497,769)	(1,770,624) \$ (3,00) \$ (3,409,840) (965,758) (10,275) (10,885) (42,570) \$ (4,430,630) \$ (6,201,254) \$	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) (4,454,028) \$ (6,348,565) \$	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800) (2,177) (30,000) (4,573,598) \$ (6,488,295) \$	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600) (1,870) (57,994) (4,675,990) \$ (6,779,273) \$	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$	(1,400) (3,160) - - (30,000) - (34,860)	0% 0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	S - S - S	(1,400) (3,160) (30,000) - (34,860)	None None None None None None None None
6750000 Capital Reserve Fur 675000044 710000 BMASwrFnd 7100000 42: 7100000 43: 710000044 710000444 710000444 710000442 71000042 71000042 71000042 71000042 71000042	WWCIF	\$ (1,793,000) \$ (3,618,856) (814,643) (2,998) (3,503) (50,000) (7,769) \$ (4,497,769)	(1,770,624) \$ (3,00) \$ (3,409,840) (965,758) (10,275) (1,885) (42,570) \$ (42,570) \$ (4,430,630) \$	(2,039,484) \$ (400) \$ (3,500,507) (843,471) (2,960) (5,859) (40,000) (4,493,197) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) . (4,454,028) \$	(4,573,598) \$	(2,103,283) \$ (400) \$ - (3,173,185) (1,441,941) (600) (1,870) (57,994) - (4,675,990) \$	(2,100,000) \$ (300) - (3,295,424) (1,528,741) (1,400) (3,160) (30,000) - (4,859,025) \$	2,100,000 \$ \$ \$ 3,295,424 1,528,741	(1,400) (3,160) - - (30,000) - (34,860)	0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	S - S - S	(1,400) (3,160) (30,000) - (34,860)	None None None None None None None None
6750000 Capital Reserve Fur 675000044* 710000 BMASwrFnd 7100000 42: 7100000 42: 710000044 710000444 710000442 710000442 71000042 71000042 71000042 71000042	WWCIF Total Capital Reserve Fund	\$ (1,793,000) \$ (3,618,856) (814,643) (2,998) (3,503) (50,000) (7,769) \$ (4,497,769) \$ (6,290,769)	5 (1,770,624) \$ (300) \$ (3,409,840) (965,758) (10,275) (1,885) (2,770) \$ (42,570) \$ (42,570) \$ (6,201,254) \$	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) - (4,454,028) \$ (6,348,565) \$ (5,377,956) \$	(1,914,697) \$ (400) \$	(2,103,283) \$ (400) \$	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$	(1,400) (3,160) - - (30,000) - (34,860)	0% 0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	s - s - s - s - s - s - s	(1,400) (3,160) (30,000) - (34,860)	None None None None None None None None
6750000 Capital Reserve Fur 675000044* 710000 8MASwrFnd 7100000 42: 7100000 43: 710000044 710000444 710000444 710000442 710000452 710000452 710000472 Total Wastewater f Water 715000 BMAWtrFnd 7150000 8MAWtrFnd	WWCIF	\$ (1,793,000) \$ (3,618,856) (814,643) (2,998) (3,503) (50,000) (7,769) \$ (4,497,769)	(1,770,624) \$ (3,00) \$ (3,409,840) (965,758) (10,275) (1,885) (42,570) \$ (4,430,630) \$ (6,201,254) \$	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960) (5,859) (40,000) (4,493,197) \$ (6,532,681) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) (4,454,028) \$ (6,348,565) \$	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800) (2,177) (30,000) (4,573,598) \$ (6,488,295) \$	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600) (1,870) (57,994) (4,675,990) \$ (6,779,273) \$	(2,100,000) \$ (300) - (3,295,424) (1,528,741) (1,400) (3,160) - (30,000) - (4,859,025) \$ (6,959,025) \$	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$	(1,400) (3,160) (3,160) (30,000) (34,860)	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	s - s - s - s - s - s	(1,400) (3,160) (30,000) - (34,860)	None None None None None None None None
6750000 Capital Reserve Fur 675000044* 710000 BMASwrFnd 7100000 42: 7100000 43: 710000044 710000444 710000444 710000462 710000462 710000472 Total Wastewater F	99 WWCIF Total Capital Reserve Fund 63 Contr Lic 10 Fed Grant 75 Other Svc 11 WW/Sew Fee 22 Sew/Svc Fee 33 Sew/Tap Fee 10 Int Earned 11 Bad Debt Collection 11 Sale of FA 12 Reimb. Contract 14 Miscellaneous Rev Total BMASwrind 80 Severage 19 Water Use 13 Water Use 13 Water Use 13 Water Gee 14 Severage 15 Water Use 16 Water Use 17 Severage 18 Water Use 18 Water Use 19 Water Use 19 Water Use 19 Water Use 19 Water Use 10 Water Use 10 Water Use 11 Water Use 12 Water Use 13 Water Use	\$ (1,793,000) \$ (3,618,856) (814,643) (2,998) (3,503) (50,000) (7,769) \$ (4,497,769) \$ (6,290,769)	(1,770,624) \$ (3,00) \$ (3,409,840) (965,758) (10,275) (1,885) (42,570) \$ (4,430,630) \$ (6,201,254) \$	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) (4,454,028) \$ (6,348,565) \$	(4,914,697) \$ (400) \$	(2,103,283) \$ (400) \$	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$	(1,400) (3,160) - - (30,000) - (34,860)	0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	s - s - s - s - s - s - s	(1,400) (3,160) (30,000) - (34,860)	None None None None None None None None
6750000 Capital Reserve Fur 675000044 710000 BMASwrFnd 7100000 42: 7100000 42: 7100000 44: 710000444 710000444 710000462 710000462 71000047 711000 482 71000047 711000 482 71000047 715000 482 71000047 715000444 715000044	WWCIF	\$ (1,793,000) \$ (3,618,856) (814,643) (2,998) (3,503) (50,000) (7,759) \$ (6,290,769) \$ (6,290,769)	(1,770,624) \$ (3,00) \$ (3,409,840) (965,758) (10,275) (1,885) (42,570) \$ (42,570) \$ (4,430,630) \$ (6,201,254) \$	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (500) \$ (500) \$ (3,215,805) (1,203,564) (225) (3,413) (29,922) (4,454,028) \$ (6,348,565) \$ (5,377,956) \$ (3,448,228) (39,093) (59,020)	(4,914,697) \$ (400) \$	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600) (1,870) (57,994) (4,675,990) \$ (6,779,273) \$ (5,523,042) \$ (3,615,679) (38,649) (45,755)	(3,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$	(1,400) (3,160) (3,160) (3,000) (34,860) (34,860)	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ \$ \$ \$ - \$ \$ \$ - \$	(1,400) (3,160) (30,000) - (34,860)	None None None None None None None None
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6750000 Capital Reserve Fur 675000044 710000 BMASwrFnd 7100000 42: 7100000 43: 7100000 44: 710000044 710000044 710000044 71000044 71000044 71000046 71000047 710000 62: 71000077 710000 62: 71000047 71000047 715000044 715000044 715000044 715000044 715000044 715000044 715000044 715000044 715000044 715000044 715000044 715000044 715000044 715000044 715000044 715000047 71500004	WWCIF	\$ (1,793,000) \$ (3,618,856) (814,643) (2,988) (3,503) (50,000) (7,759) \$ (4,497,769) \$ (6,290,769) \$ (5,920,391) (3,012,960) (40,216) (68,817) (30,422) (1,545) (185,532) (1,125)	5 (1,770,624) \$ (3,409,840) (965,758) (10,275) (1,885) (42,570) 5 (4,430,630) \$ (42,570) (4,30,630) \$ (43,30,634) (40,221) (51,375) (134,075) (1,25) (1,25) (1,25) (1,25) (28,154) (3,654) (3)	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) (4,454,028) \$ (6,348,565) \$ (5,377,956) \$ (3,48,228) (39,003) (59,003) (59,003) (59,003) (52,963) (589) (11,699)	(1,914,697) \$ (400) \$	(2,103,283) \$ (400) \$	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$	(1,400) (3,160) (3,160) (30,000) (34,860) (34,860) (34,616) (66,480) (8,734) (355) (279,494) -	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$	(1,400) (3,160) (3,000) (30,000) (34,860) (34,860)	None None None None None None None None
6750000 Capital Reserve Fur 675000044 710000 BMASwrFnd 7100000 42: 7100000 43: 7100000 44: 7100000447 7100000447 7100000447 7100000467 7100000467 710000467 71000047 71000047 71000047 71000047 71000047 7150000447 7150000447 7150000447 7150000447 7150000447 7150000447 715000047 715000047 715000047 715000047 715000047 715000047 715000047 715000047 715000046	WWCIF	\$ (1,793,000) \$ (3,618,856) (814,643) (2,998) (3,503) (50,000) (7,769) \$ (4,497,769) \$ (6,290,769) \$ (5,200,391) (3,012,960) (40,216) (68,817) (30,422) (1,145) (185,532) (1,125) \$ (9,261,008)	5 (1,770,624) \$ (3,409,840) (965,758) (10,275) (1,885) (42,570) \$ (42,570) \$ (42,570) \$ (6,201,254) \$ (6,201,254) \$ (5,781,323) \$ (3,286,439) (40,221) (1,255) (12,57	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (22,922) (4,454,028) \$ (6,348,565) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (6,348,228) (39,020) (25,943) (5,903) (11,699) (9,221,334) \$	(1,914,697) \$ (400) \$	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600) (1,870) (1,870) (1,870) \$ (4,675,990) \$ (6,779,273) \$ (5,523,042) \$ (3,615,679) (38,649) (45,725) (9,475) (9,475) (9,475) (19,183) (9,509,696) \$	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$ 3,791,721	(1,400) (3,160) (3,160) (30,000) (34,860) (34,860) (34,616) (66,480) (8,734) (355) (279,494) -	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - \$ \$ - \$ \$ \$ - \$ \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$. \$. \$. \$. \$. \$. \$	(1,400) (3,160) (30,000) (34,860) (34,860)	None None None None None None None None
6750000 Capital Reserve Fur 675000044 710000 8MASwrFnd 7100000 42: 7100000 42: 7100000 44: 710000044 710000044 710000044 71000046 710000042 710000142 710000142 710000142 710000142 710000142 710000142 710000142 710000142 710000142 7150000141 715000141 7150000141 7150000141 7150000141 7150000141 7150000141 7	WWCIF	\$ (1,793,000) \$ (3,618,856) (814,643) (2,998) (3,503) (50,000) (7,769) \$ (4,497,769) \$ (6,290,769) \$ (5,920,391) (3,012,960) (40,216) (68,817) (30,422) (1,1455) (185,532) (1,125) \$ (9,261,008) \$ (1,423,000)	5 (1,770,624) \$ (3,409,840) (965,758) (1,885) (42,570) \$ (43,054) \$ (40,221)	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) (4,454,028) \$ (5,347,956) \$ (5,348,228) (39,020) (25,983) (25,	(1,914,697) \$ (400) \$	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600) (1,870) (57,994) (4,675,990) \$ (6,779,273) \$ (5,523,042) \$ (5,523,042) \$ (3,615,679) (38,649) (49,475) (977) (256,965) (19,183) (9,509,696) \$ (1,012,162) \$	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$ 3,791,721	(1,400) (3,160) (3,160) (30,000) (34,860) (34,860) (34,616) (66,480) (8,734) (355) (279,494) -	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - \$ - \$ - \$ \$ - \$ \$ \$ - \$ \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$ \$. \$ \$ \$. \$ \$	(1,400) (3,160) (30,000) (34,860) (34,860)	None None None None None None None None
6750000 Capital Reserve Fur 675000044 710000 BMASwrFnd 7100000 42: 7100000 43: 7100000 44: 7100000447 7100000447 7100000447 7100000467 7100000467 710000467 71000047 71000047 71000047 71000047 71000047 7150000447 7150000447 7150000447 7150000447 7150000447 7150000447 715000047 715000047 715000047 715000047 715000047 715000047 715000047 715000047 715000046	WWCIF	\$ (1,793,000) \$ (3,618,856) (814,643) (2,998) (3,503) (50,000) (7,769) \$ (4,497,769) \$ (6,290,769) \$ (5,200,391) (3,012,960) (40,216) (68,817) (30,422) (1,145) (185,532) (1,125) \$ (9,261,008)	5 (1,770,624) \$ (3,409,840) (965,758) (1,885) (42,570) \$ (43,054) \$ (40,221)	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (22,922) (4,454,028) \$ (6,348,565) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (6,348,228) (39,020) (25,943) (5,983) (5,983) (11,699) (9,221,334) \$	(1,914,697) \$ (400) \$	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600) (1,870) (1,870) (1,870) \$ (4,675,990) \$ (6,779,273) \$ (5,523,042) \$ (3,615,679) (38,649) (45,725) (9,475) (9,475) (9,475) (19,183) (9,509,696) \$	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$ 3,791,721	(1,400) (3,160) (3,160) (30,000) (34,860) (34,860) (34,616) (66,480) (8,734) (355) (279,494) -	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - \$ \$ - \$ \$ \$ - \$ \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$. \$. \$. \$. \$. \$. \$. \$	(1,400) (3,160) (30,000) (34,860) (34,860)	None None None None None None None None

\$ 10,585,492 \$ 7,356,982

						В	artlesville, Oklahom	a								
					w	ater and Wastewa	ter Cost of Service ar	nd Rate Design Study								
							Test Year									
Line			FY 2018	FY 2018	FY 2019	FY 2019	FY 2020	FY 2020	FY 2021				Allocatio	n	Te	est Year
No.	Account	Description	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Adjustments	Test Year	Notes:	Water Wa	stewater	Water	Wastewater
										\$ 17,250,074	\$ (434,539				\$ (259,932	2) \$ (174,607)

\$ 17,942,473

NET REVENUE REQUIREMENT

Prepared by NewGen Strategies and Solutions

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Capital Improvement Plan Scenario 1

	e Dept Code	Purchase Year	Funding Source		timated Price		Year 1 FY 2022	Year 2 FY 202		Year 3 FY 2024		ar 4 2025	Year 5 FY 2026	Year 6 FY 2027	Allo Water	Wastewater
Wate	er Capital Improvement Plan															
1	Source of Funds															
2	Pay-as-you-go Funding (PAYG)					\$	3,952,500	\$ 1,675	,000	\$ 2,915,000	\$ 1,1	197,500	\$ 2,470,000	\$ 2,625,000		
3	Proposed Debt						-	45,000	,000	-	20,0	000,000	-			
4	Other Outside Funding Sources (e.g., Grants)						-		-	-		-	-	-		
5	Total Source of Funds					\$	3,952,500	\$ 46,675	,000	\$ 2,915,000	\$ 21,1	197,500	\$ 2,470,000	\$ 2,625,000		
	···															
6	Water															
8	510-720 PLC Replacement - Pump Stations	2022	PAYG	Ś	130,000	Ś	130,000	<u>_</u>		\$ -	Ś		ć	ć	1009	6 0%
9	510-720 Refurbish Peristatlic Pumps	2022	PAYG	ş \$	50,000	Ş	50,000	Ş		ş -	ş	-	, -	ş -	1009	
10	:	2022	PAYG	ş \$	30,000		30,000		-	-		-	-	-	1007	
10	510-720 Risk and Resiliency Assessment Improvements	2022	PAYG	ş \$	50,000		50,000		-	-		-	-	-	1009	
11	· ·	2022	PAYG	ę ė	225,000		225,000		-	-		-	-	-	1007	
12	·	2022	PAYG	\$	350,000		350.000		-	-		-	-	-	1007	
13	•	2022	PAYG	\$	350,000		350,000		-	-		-	-	-	1009	
14		2022	PAYG	Ś	37,500		37,500								1007	
15		2022	PAYG	Ś	125,000		37,300	125	,000						1007	
16	•	2023	PAYG	Ś	100,000		_		,000						1009	
17	·	2023	PAYG	Ś	400,000		_		.000						1009	
18		2023	PAYG	Ġ	150,000		_		,000						1009	
19		2023	PAYG	Ś	50,000		_		,000	_		_	_	_	1009	
20	·	2024	PAYG	Ś	275,000		_	50	-	275,000		_	_	_	1009	
21		2024	PAYG	Ś	30,000		_			30,000		_	_	_	1009	
22	* *	2024	PAYG	Ś	130,000		_			130,000		_	_	_	1009	
23		2024	PAYG	Ś	450,000		_			450,000		_	_	_	1009	
24		2025	PAYG	Ś	100,000		_			.50,000		100,000	_	_	1009	
25		2025	PAYG	Ś	500,000		_			_		500,000	_	_	1009	
26	•	2025	PAYG	Ś	32,500		_		_	_		32,500	-	_	1009	
27		2026	PAYG	Ś	275,000		_			_		-	275,000	_	1009	
28		2026	PAYG	Ś	425,000		_			_		_	425,000	_	1009	
29		2026	PAYG	\$	550,000		_		_	-		_	550,000	-	1009	
30		2026	PAYG	Ś	165,000		_		_	-		_	165,000	-	1009	
31		2027	PAYG	Ś	170,000		_		_	-		_	-	170,000	1009	
32		2027	PAYG	Ś	600.000		-		-	_		-	_	600,000	1009	
33					,	\$	1,222,500	\$ 825	,000	\$ 885,000	\$ 6	532,500	\$ 1,415,000			

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Capital Improvement Plan Scenario 1

Dept	Purchase	Funding	E	stimated	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6		cation
Code	Year	Source		Price	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Water	Wastewater
Wastewater												
509-710 Engineering Design for WWTP Expansion	2022	PAYG	Ś	1,700,000	\$ 1,700,000 \$	5 -	\$ -	\$ -	\$ -	\$ -	0%	1009
509-710 Replace farm tractor for land application of biosolids	2022	PAYG	Ś	250,000	250,000	_					0%	
509-710 Replace 1/2 ton truck 4x4 (2007)	2022	PAYG	\$	30,000	30,000	-	-	-	-		0%	1009
509-710 Replace injection unit for land application of biosolids	2022	PAYG	\$	175,000	175,000		-	-	-		0%	1009
509-710 Replace Vacuum tank trailer for land application of biosolids	2022	PAYG	\$	50,000	50,000	-	-	-	-	-	0%	1009
509-715 Nebraska & Maple Lift station and FM replacement (design)	2022	PAYG	\$	200,000	200,000	-	-	-	-	-	0%	1009
509-715 Sewer Line Point Repairs/Replacement (contract and materials for staff)	2022	PAYG	\$	150,000	150,000	-	-	-	-	-	0%	1009
509-715 Turkey Creel 36" Sewer Line Evaluation/Design	2022	PAYG	\$	175,000	175,000	-	-	-	-	-	0%	1009
509-715 Nebraska Lift Station/Basin Imprmnts	2023	PAYG	\$	600,000	-	600,000	-	-	-	-	0%	1009
509-715 Sewer Line Point Repairs/Replacement (contract and materials for staff)	2023	PAYG	\$	200,000	-	200,000	-	-	-	-	0%	1009
509-710 Replace Pumps at Herrick LS	2023	PAYG	\$	50,000	-	50,000	-	-	-	-	0%	1009
509-710 Construction of WWTP Expansion	2023	Proposed Debt	\$	45,000,000	-	45,000,000	-	-	-	-	0%	1009
509-715 Turkey Creek 36" Sewer Line Rehab	2024	PAYG	\$	1,000,000	-	-	1,000,000	-	-	-	0%	1009
509-710 Engineering Design Caney PS Corridor Imprmts (Limestone to Shawnee)	2024	PAYG	\$	750,000	-	-	750,000	-	-	-	0%	1009
509-710 Replace Pumps at Polaris LS	2024	PAYG	\$	30,000	-	-	30,000	-	-	-	0%	1009
509-715 Sewer Line Point Repairs/Replacement (contract and materials for staff)	2024	PAYG	\$	250,000	-	-	250,000	-	-	-	0%	1009
509-710 Replace Pumps at Tuxedo LS	2025	PAYG	\$	200,000	-	-	-	200,000	-	-	0%	1009
509-710 Replace 1/2 ton trucks 4x4 (2012)	2025	PAYG	\$	65,000	-	-	-	65,000	-	-	0%	1009
509-710 Construction of Caney PS Corridor Imprmts	2025	Proposed Debt	\$	20,000,000	-	-	-	20,000,000	-	-	0%	1009
509-715 Sewer Line Point Repairs/Replacement (contract and materials for staff)	2025	PAYG	\$	300,000	-	-	-	300,000	-	-	0%	1009
509-715 Replace Vactor truck with root foaming	2026	PAYG	\$	650,000	-	-	-	-	650,000	-	0%	1009
509-715 Replace 1.25-ton with dump bed (2014)	2026	PAYG	\$	55,000	-	-	-	-	55,000	-	0%	1009
509-715 Sewer Line Point Repairs/Replacement (contract and materials for staff)	2026	PAYG	\$	350,000	-	-	-	-	350,000	-	0%	
509-715 Replace 1.25-ton utility bed truck (2017)	2027	PAYG	\$	55,000	-	-	-	-	-	55,000	0%	
509-715 Sewer Line Point Repairs/Replacement (contract and materials for staff)	2027	PAYG	\$	400,000	-	-	-	-	-	400,000	0%	
509-715 Maple LS and force main replacement - 2500 ft	2027	PAYG	\$	1,400,000		-	-	-	-	1,400,000	0%	1009

\$ 3,952,500 \$ 46,675,000 \$ 2,915,000 \$ 21,197,500 \$ 2,470,000 \$ 2,625,000

Total Capital Purchases

Prepared by NewGen Strategies and Solutions
2/10/2022

			Description	Test		Year 1	Year 2	Year 3		ar 4	Yea		Inflation Foot
	E		Description	Year		FY 2022	FY 2023	FY 2024	FY 2	2025	FY 2	026	Inflation Factor
1	Expenses												
2	Wastewater												
3	5097100 WV	NTP											
4		5097100 52310	Utl/Comm	\$	- \$	-	\$ -	\$ -	\$	-	\$	-	General
5		5097100 52410	Prof Servc		-	-	-	-		-		-	General
6		5097100 52510	OthService		-	-	-	-		-		-	General
7		5097100 52610	MaintServ		-	-	-	-		-		-	General
8		5097100 52710	Oper Serv		-	-	-	-		-		-	General
9		5097100 53410	Tools&Equ		-	-	-	-		-		-	General
10		5097100 53610	MaintMat		-	-	-	-		-		-	General
11		5097100 55940	Mach&Equip		-	-	-	-		-		-	General
12		5097100 55980	Cap of FA		-	-	-	-		-		-	General
13		5097100 55990	Depr		-	-	-	-		-		-	General
14	6757100	675710052410	Prof Servc		-	-	-	-		-		-	General
15		675710052610	MaintServ		-	-	-	-		-		-	General
16		675710055920	Buil&Struc		-	-	-	-		-		-	General
17		675710055930	Oth Imprv		-	-	-	-		-		-	General
18		675710055940	Mach&Equip		-	-	-	-		-		-	General
19		675710055960	Veh&Equip		-	-	-	-		-		-	General
20			Total WWTP	\$	- \$	-	\$ -	\$ -	\$	-	\$	-	
21	5097150 WV	V Maintenance											
22		5097150 51110	Salaries	\$	- \$	-	\$ -	\$ -	\$	-	\$	-	Salaries
23		5097150 51120	ОТ		-	-	-	-		-		-	Salaries
24		5097150 51130	FICA		-	-	-	-		-		-	Benefits
25		5097150 51140	Health Ins		-	-	-	-		-		-	Benefits
26		5097150 51150	DB Retire		-	-	-	-		-		-	Benefits
27		5097150 51155	DC Retire		-	-	-	-		-		-	Benefits
28		5097150 51170	Work Comp		-	-	-	-		-		-	Benefits
29		5097150 51180	Unemploy		-	-	-	-		-		-	Benefits
30		5097150 52110	Emp Svcs		-	-	-	-		-		-	General
31		5097150 52310	Utl/Comm		-	-	-	-		-		-	General
32		5097150 52410	Prof Servc		-	-	-	-		-		-	General
33		5097150 52510	OthService		-	-	-	-		-		-	General
34		5097150 52610	MaintServ		-	-	-	-		-		-	General
35		5097150 52810	Ins&Bonds		-	-	-	-		-		-	General
36		5097150 53110	Offeq&Furn		-	-	-	-		-		-	General
37		5097150 53210	Jani Supp		-	-	-	-		-		-	General
38		5097150 53310	Gen Supp		-	-	-	-		-		-	General
39		5097150 53410	Tools&Equ		-	-	-	-		-		-	General
40		5097150 53510	Fuel		-	-	-	-		-		-	Equip Fuel
41		5097150 53610	MaintMat		-	-	-	-		-		-	General
42		5097150 53910	Inv Adj		-	-	-	-		-		-	General
43		5097150 55930	Oth Imprv		-	-	-	-		-		-	General
44		5097150 55980	Cap of FA		-	-	-	-		-		-	General
45		5097150 55990	Depr		-	-	-	-		-		-	General
46	6757150	6757150 52510	OthService		-	-	-	-		-		-	General
47		6757150 53410	Tools&Equ		-	-	-	-		-		-	General
48		6757150 53610	MaintMat		-	-	-	-		-		-	General
49		6757150 55930	Oth Imprv		-	-	-	-		-		-	General
50		6757150 55940	Mach&Equip		-	-	-	-		-		-	General
51		6757150 55950	Offeq&Furn		-	-	-	-		-		-	General

					·											
					Test		Year 1		Year 2		Year 3	Year	4		Year 5	
			Description		Year		FY 2022		FY 2023		FY 2024	FY 20			FY 2026	Inflation Factor
52		6757150 55960	Veh&Equip		Tear		11 2022		11 2023		112024	1120	23		-	General
53		6/3/130 33960	Total WW Main	\$		\$		\$		\$	- ;			\$		General
53			i otai ww iviain	\$	-	>	-	>	-	Þ	- ;	•	-	Þ	-	
54		710000 BMASwrFund														
55		7100000 52210	Fin Svcs	\$	-	\$	-	\$	-	\$	- \$	5	-	\$	-	General
56		7100000 52220	BadDbt WO		-		-		-		-		-		-	General
57		7100000 52910	Debt-Int		-		-		-		-		-		-	None
58		7100000 52911	Debt-Prin		-		-		-		-		-		-	None
59			Total BMASwr Fund	\$	-	\$	-	\$	-	\$	- 9	\$	-	\$		
60		509900 Interfund Transfers														
61		509000059101	Transfer to Gen	\$		\$		\$		\$	- 5		_	\$	_	General
62		50900059663	Transfer to Col.	,		Ÿ		Y		Y	7	,		Ÿ		
					-		-		-		-		-		-	General
63		509000059670	Transfer to Stab		-		-		-		-		-		-	General
64		509000059675	Transfer to Cap.		-		-		-		-		-			General
65			Total Interfund Transfers	\$	-	\$	-	\$	-	\$	- \$	5	-	\$	-	
66																
67		Wastewater Total Expenses														
68	Water															
69		5101950 Fleet Main														
70		5101950 55990	Depr	Ś	-	\$	-	\$	-	Ś	- 9	5	-	\$	_	General
71			Total Fleet Main	\$ \$	-	Ś	-	Ś	-	\$ \$	- 5	\$	_	\$	-	
				*		*		•		•	•			•		
72		5107200 WaterPlant														
73			Calarias	\$	644,428		676,649	4	700,332	4	724,844		50,213	ć	776,471	Calarias
		5107200 51110	Salaries	\$,		,	\$		>				\$,	Salaries
74		5107200 51120	ОТ		34,000		35,700		36,950		38,243		39,581		40,967	Salaries
75		5107200 51130	FICA		50,000		52,500		54,338		56,239		58,208		60,245	Benefits
76		5107200 51140	Health Ins		135,950		142,748		147,744		152,915	1	58,267		163,806	Benefits
77		5107200 51150	DB Retire		44,000		46,200		47,817		49,491		51,223		53,016	Benefits
78		5107200 51155	DC Retire		19,000		19,950		20,648		21,371		22,119		22,893	Benefits
79		5107200 51170	Work Comp		4,666		4,899		5,071		5,248		5,432		5,622	Benefits
80		5107200 52110	Emp Svcs		9,600		10,080		10,433		10,798		11,176		11,567	Benefits
81		5107200 52310	Utl/Comm		527,000		542,810		559,094		575,867		93,143		610,937	Electric
82		5107200 52410	Prof Servc		27,500		28,078		28,667		29,269		29,884		30,511	General
83		5107200 52410	OthService		166,200		169,690		173,254		176,892		180,607		184,399	General
84		5107200 52510			306,050		312,477		319,039		325,739		32,579		339,564	
			MaintServ		300,030		312,4//		319,039				32,379		339,304	General
85		5107200 52710	Oper Serv		-		-		-		-		-		-	General
86		5107200 53110	Offeq&Furn		3,000		3,063		3,127		3,193		3,260		3,329	General
87		5107200 53210	Jani Supp		5,000		5,105		5,212		5,322		5,433		5,548	General
88		5107200 53310	Gen Supp		701,000		715,721		730,751		746,097		61,765		777,762	General
89		5107200 53410	Tools&Equ		9,500		9,700		9,903		10,111		10,323		10,540	General
90		5107200 53510	Fuel		6,000		6,300		6,615		6,946		7,293		7,658	Equip Fuel
91		5107200 53610	MaintMat		126,000		128,646		131,348		134,106	1	36,922		139,797	General
92		5107200 53910	Inv Adj				-		-		-		-		-	General
93		5107200 55930	Oth Imprv		_		-		_		_		-		-	General
94		5107200 55940	Mach&Equip		_		-								-	General
95		5107200 55980	Cap of FA		_		_		_		_		_			General
					-		-		-		-		-		-	
96		5107200 55990	Depr		-		-		-		-		-		-	General
97		6757200 675720051110	Salaries		-		-		-		-		-		-	Salaries
98		675720051130	FICA		-		-		-		-		-		-	Benefits
99		675720051140	Health Ins		-		-		-		-		-		-	Benefits
100		675720051150	DB Retire		-		-		-		-		-		-	Benefits
101		675720052410	Prof Servc		-		-		-		-		-		-	General
102		675720053110	Offeq&Furn		-		-		-		-		-		-	General
			•													

					Tort	Voor 1	Voor 3	Voor 2	Voor 4	Voor E	
			Description		Test Year	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026	Inflation Factor
103		675720053610	MaintMat		rear -	FY 2022 -	- 11 2025	- 112024	FT 2025 -	- FT 2026	General
104		675720055930	Oth Imprv		_	_	_	_	_	_	General
105		675720055940	Mach&Equip		-	-		-	-	_	General
106		675720055960	Veh&Equip		-	-		-	-	_	General
107		073720033300	Total WaterPlant	\$	2,818,894 \$	2,910,315 \$	2,990,342 \$	3,072,690 \$	3,157,429 \$	3,244,631	General
108	5107250 Wat	erAdm									
109		5107250 51110	Salaries	\$	191,626 \$	201,207 \$	208,250 \$	215,538 \$	223,082 \$	230,890	Salaries
110		5107250 51120	ОТ		-	-	-	-	-	-	Salaries
111		5107250 51130	FICA		14,500	15,225	15,758	16,309	16,880	17,471	Benefits
112		5107250 51140	Health Ins		18,127	19,033	19,700	20,389	21,103	21,841	Benefits
113		5107250 51150	DB Retire		38,000	39,900	41,297	42,742	44,238	45,786	Benefits
114		5107250 51170	Work Comp		311	327	338	350	362	375	Benefits
115		5107250 52110	Emp Svcs		1,750	1,838	1,902	1,968	2,037	2,109	Benefits
116		5107250 52310	Utl/Comm		10,500	10,721	10,946	11,175	11,410	11,650	General
117		5107250 52410	Prof Servc		46,750	47,732	48,734	49,758	50,802	51,869	General
118		5107250 52510	OthService		6,700	6,841	6,984	7,131	7,281	7,434	General
119		5107250 52610	MaintServ		1,500	1,532	1,564	1,596	1,630	1,664	General
120		5107250 52710	Oper Serv		-	-	-	-	-	-	General
121		5107250 53110	Offeq&Furn		2,500	2,553	2,606	2,661	2,717	2,774	General
122		5107250 53210	Jani Supp		1,800	1,838	1,876	1,916	1,956	1,997	General
123		5107250 53310	Gen Supp		2,500	2,553	2,606	2,661	2,717	2,774	General
124		5107250 53410	Tools&Equ		-	-	-	-	-	-	General
125		5107250 53510	Fuel		1,000	1,050	1,103	1,158	1,216	1,276	Equip Fuel
126		5107250 53610	MaintMat		500	511	521	532	543	555	General
127	6757250	6757250 52410	Prof Servc		-	-	-	-	-	-	General
128		6757250 52510	OthService		-	-	-	-	-	-	General
129		6757250 55920	Buil&Struc		-	-	-	-	-	-	General
130		6757250 55930	Oth Imprv		-	-	-	-	-	-	General
131		6757250 55950	Offeq&Furn		-	-	-	-	-		General
132			Total WaterAdm	\$	338,064 \$	352,857 \$	364,183 \$	375,885 \$	387,974 \$	400,464	
133	5107300 Wat	erDist									
134	3107300 Wat	5107300 51110	Salaries	\$	867,441 \$	910,813 \$	942,692 \$	975,686 \$	1,009,835 \$	1,045,179	Salaries
135		5107300 51120	OT	·	36,000	37,800	39,123	40,492	41,910	43,376	Salaries
136		5107300 51130	FICA		64,846	68,088	70,471	72,938	75,491	78,133	Benefits
137		5107300 51140	Health Ins		190,329	199,845	206,840	214,079	221,572	229,327	Benefits
138		5107300 51150	DB Retire		57,100	59,955	62,053	64,225	66,473	68,800	Benefits
139		5107300 51155	DC Retire		24,768	26,006	26,917	27,859	28,834	29,843	Benefits
140		5107300 51170	Work Comp		11,198	11,758	12,169	12,595	13,036	13,492	Benefits
141		5107300 51180	Unemploy		-	-	-	-	-	-	Benefits
142		5107300 52110	Emp Svcs		14,000	14,700	15,215	15,747	16,298	16,869	Benefits
143		5107300 52310	Utl/Comm		5,500	5,616	5,733	5,854	5,977	6,102	General
144		5107300 52410	Prof Servc		47,750	48,753	49,777	50,822	51,889	52,979	General
145		5107300 52510	OthService		6,000	6,126	6,255	6,386	6,520	6,657	General
146		5107300 52610	MaintServ		20,000	20,420	20,849	21,287	21,734	22,190	General
147		5107300 53110	Offeq&Furn		2,500	2,553	2,606	2,661	2,717	2,774	General
148		5107300 53210	Jani Supp		-	-	-	-	-	-	General
149		5107300 53310	Gen Supp		8,000	8,168	8,340	8,515	8,693	8,876	General
150		5107300 53410	Tools&Equ		8,000	8,168	8,340	8,515	8,693	8,876	General
151		5107300 53510	Fuel		40,000	42,000	44,100	46,305	48,620	51,051	Equip Fuel
152		5107300 53610	MaintMat		210,000	214,410	218,913	223,510	228,203	232,996	General
153		5107300 53910	Inv Adj		-	-	-	-	-	-	General
154		5107300 55930	Oth Imprv		-	-	-	-	-	-	General
155		5107300 55960	Veh&Equip		-	-	-	-	-	-	General

					Test	Year 1	Year 2	Year 3	Year 4	Year 5	
			Description		Year	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Inflation Fac
56		5107300 55980	Cap of FA		-	-	-	-	-	-	General
57		5107300 55990	Depr		-	-	-	-	-	-	General
0	6757300	6757300 51110	Salaries		-	-	-	-	-	-	Salaries
1		6757300 51130	FICA		-	-	-	-	-	-	Benefits
2		6757300 51140	Health Ins		-	-	-	-	-	-	Benefits
3		6757300 51150	DB Retire		-	-	-	-	-	-	Benefits
4		6757300 51155	DC Retire		-	-	-	-	-	-	Benefits
5		6757300 52410	Prof Servc		-	-	-	-	-	-	General
6		6757300 52510	OthService		-	-	-	-	-	-	General
7		6757300 53410	Tools&Equ		-	-	-	-	-	-	General
8		6757300 53610	MaintMat		-	-	-	-	-	-	General
9		6757300 55920	Buil&Struc		-	-	-	-	-	-	General
0		6757300 55930	Oth Imprv		-	-	-	-	-	-	General
1		6757300 55940	Mach&Equip		-	-	-	-	-	-	General
2		6757300 55960	Veh&Equip		-	-	-	-	-	-	General
3			Total WaterDist	\$	1,613,432 \$	1,685,179 \$	1,740,391 \$	1,797,475 \$	1,856,495 \$	1,917,520	
4	7150000 BN	MAWtr Fund									
5		7150000 52210	Fin Svcs	\$	5,000 \$	5,000 \$	5,000 \$	5,000 \$	5,000 \$	5,000	None
6		7150000 52220	BadDbt WO		-	-	-	-	-	-	None
7		7150000 52910	Debt-Int		1,156,371	1,156,371	1,093,668	1,028,555	961,478	891,891	None
8		7150000 52911	Debt-Prin		1,841,561	1,841,561	1,883,615	1,918,845	1,968,054	1,796,425	None
9		7150000 55990	Depr		-	-	-	-	-	-	None
0			Total BMAWtr Fund	\$	3,002,932 \$	3,002,932 \$	2,982,284 \$	2,952,400 \$	2,934,532 \$	2,693,317	
1	510900 Int	terfund Transfers									
2	310300	51090059101	Transfer to Gen	Ś	1,212,037 \$	1,260,518 \$	1,310,939 \$	1,363,377 \$	1,417,912 \$	1,474,628	General Fund T
3		51090059663	Transfer to Col.	•	14,585	14,891	15,204	15,523	15,849	16,182	General
4		51090059670	Transfer to Stab		79,465	81,134	82,838	84,577	86,353	88,167	General
5		51090059675	Transfer to Cap.		-	-	-		-	-	General
6			Total Interfund Transfers	\$	1,306,087 \$	1,356,544 \$	1,408,981 \$	1,463,477 \$	1,520,114 \$	1,578,977	
77	_	Water Total Expenses		\$	9,079,409 \$	9,307,828 \$	9,486,181 \$	9,661,926 \$	9,856,544 \$	9,834,910	
,	_	water rotal expenses		>	9,079,409 \$	9,307,828 \$	9,480,181 \$	9,661,926 \$	9,630,344 \$	9,834,910	
8		Proposed Debt	Water Construction Posicet		E42 E4E . Ĉ	542 545	E42 E4E . Ć	543.545 Å	E43 E4E . Ĉ	E42 E4E	Nana
9			Water Construction Project	\$	543,515 \$	543,515 \$	543,515 \$	543,515 \$	543,515 \$	543,515	None
0			Construction of WWTP Expansion		-	-	-	-	-	-	None
1			Construction of Caney PS Corridor Imprmts								None
2			Proposed Debt Total	\$	543,515 \$	543,515 \$	543,515 \$	543,515 \$	543,515 \$	543,515	
3											
4		Capital Improvement Plan									
5			Pay-as-you-go Funding	\$	1,222,500 \$	1,222,500 \$	825,000 \$	885,000 \$	632,500 \$	1,415,000	Capital Projects
6 7			Total CIP	\$	1,222,500 \$	1,222,500 \$	825,000 \$	885,000 \$	632,500 \$	1,415,000	
8	_	Total Expenses		\$	10,845,424 \$	11,073,842 \$	10,854,696 \$	11,090,441 \$	11,032,559 \$	11,793,424	
9	Revenues										
9	Nevenues										
0	Wastewater										
1	6750000	Capital Reserve Fund									
		675000044419	WWCIF	\$	- \$	- \$	- \$	- \$	- \$	-	None
2			Tatal Canital Bassins Found			ė		- Ś	ė		
)2)3			Total Capital Reserve Fund	Þ	- >	- >	- >	- 7	- 7	-	
92 93			i otal Capital Reserve Fund	\$	- >	- 3	- >	- 3	- 3	-	
92 93 94 95	710000	BMASwrFnd 7100000 42163	iotai Capitai keserve Fund	\$ \$	- \$ - \$	- \$	- \$ - \$	- \$	- \$	-	

					Test	Year 1	Year 2	Year 3	Year 4	Year 5	
			Description		Year	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Inflation F
197		7100000 43110	Fed Grant		-	-	-	-	-	-	None
198		7100000 44175	Other Svc		-	-	-	-	-	-	None
199		71000044411	WW/Sew Fee		-	-	-	-	-	-	None
200		71000044412	SewSvc Fee		-	-	-	-	-	-	None
201		71000044413	SewTap Fee		-	-	-	-	-	-	None
202		71000044416	Disch Test		-	-	-	-	-	-	None
203		71000046221	Int Earned		-	-	-	-	-	-	None
204		71000074711	Bad Debt Collection		-	-	-	-	-	-	None
205		710000 48211	Sale of FA		-	-	-	-	-	-	None
206		71000048611	Reimb. Contract		-	-	-	-	-	-	None
207		71000047211	Miscellaneous Rev		-	-	-	-	-	-	None
208			Total BMASwrfnd	\$	- \$	- \$	- \$	- \$	- \$	-	
-00				_							
109		Total Wastewater Revenues		\$	- \$	- \$	- \$	- \$	- \$	-	
	Vater										
111	715000	BMAWtrFnd	Waterlier								None
212		715000044611	Water Use	\$	- \$	- \$	- \$	- \$	- \$	-	None
113		715000044613	Wa Srv Fee		- (44.545)	- (44.545)	- (44.545)	- (44.545)	- (44.545)	- (44.545)	None
14		715000044613	SvcOrd Fee		(44,616)	(44,616)	(44,616)	(44,616)	(44,616)	(44,616)	None
215		715000044614	Deling Fee		(66,480)	(66,480)	(66,480)	(66,480)	(66,480)	(66,480)	None
16		715000044615	WtrTap Fee		(8,734)	(8,734)	(8,734)	(8,734)	(8,734)	(8,734)	None
217		715000044618	OthWtr Fee		(355)	(355)	(355)	(355)	(355)	(355)	None
218		715000044619	LT Penalty		(139,747)	(139,747)	(139,747)	(139,747)	(139,747)	(139,747)	None
219		715000046221	Int Earn		-	-	-	-	-	-	None
20		715000047211	Misc. Revenue		-	-	-	-	-	-	None
21		715000047411	Bad Debt Collection		-	-	-	-	-	-	None
22		715000046224	Real G/L		-	-	-	-	-	-	None
23		715000047515	Refunds		-	-	-	-	-	-	None
24		715000048211	Sale of FA				-			-	None
25			Total BMAWtrFund	\$	(259,932) \$	(259,932) \$	(259,932) \$	(259,932) \$	(259,932) \$	(259,932)	
26	6750000	Capital Reserve Fund									
27		675000044616	WCIF	\$ \$	- \$	- \$ - \$	- \$ - \$	- \$	- \$	-	None
28			Total Capital Reserve	\$	- \$	- \$	- \$	- \$	- \$	-	
229	-	Total Water Revenues			(259,932)	(259,932)	(259,932)	(259,932)	(259,932)	(259,932)	
	-										
230	-	Total Revenues			(259,932)	(259,932)	(259,932)	(259,932)	(259,932)	(259,932)	
231	<u>-</u>	NET REVENUE REQUIREMENT	<u> </u>	\$	10,585,492 \$	10,813,910 \$	10,594,764 \$	10,830,509 \$	10,772,627 \$	11,533,492	
	=			\$	17,942,473 \$	18,290,992 \$	18,959,295 \$	20,490,840 \$	20,695,939 \$	22,068,462	

					Test	Year 1	Year 2	Year 3	Year 4	Year 5	
1	Expenses		Description		Year	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Inflation Fac
1	Expenses										
2	Wastewater										
3	5097100 WV	VTP									
4		5097100 52310	Utl/Comm	\$	3,500 \$	3,574 \$	3,649 \$	3,725 \$	3,803 \$	3,883	General
5		5097100 52410	Prof Servc		-	-	-	-	-	-	General
6		5097100 52510	OthService		23,750	24,249	24,758	25,278	25,809	26,351	General
7		5097100 52610	MaintServ		25,000	25,525	26,061	26,608	27,167	27,738	General
8		5097100 52710	Oper Serv		2,416,977	2,467,734	2,519,556	2,572,467	2,626,488	2,681,645	General
9		5097100 53410	Tools&Equ		-	-	-	-	-	-	General
10		5097100 53610	MaintMat		-	-	-	-	-	-	General
11		5097100 55940	Mach&Equip		-	-	-	-	-	-	General
12		5097100 55980	Cap of FA		-	-	-	-	-	-	General
13		5097100 55990	Depr		-	-	-	-	-	-	General
14	6757100	675710052410	Prof Servc		-	-	-	-	-	-	General
15		675710052610	MaintServ		-	-	-	-	-	-	General
16		675710055920	Buil&Struc		-	-	-	-	-	-	General
17		675710055930	Oth Imprv		-	-	-	-	-	-	General
18		675710055940	Mach&Equip		-	-	-	-	-	-	General
19		675710055960	Veh&Equip		-	-	-	-	-		General
20			Total WWTP	\$	2,469,227 \$	2,521,081 \$	2,574,023 \$	2,628,078 \$	2,683,268 \$	2,739,616	
21	5097150 WV	V Maintenance									
22		5097150 51110	Salaries	\$	469,014 \$	492,465 \$	509,701 \$	527,540 \$	546,004 \$	565,115	Salaries
23		5097150 51120	ОТ	•	11,000	11,550	11,954	12,373	12,806	13,254	Salaries
24		5097150 51130	FICA		35,946	37,743	39,064	40,432	41,847	43,311	Benefits
25		5097150 51140	Health Ins		99,696	104,681	108,345	112,137	116,061	120,124	Benefits
26		5097150 51150	DB Retire		27,100	28,455	29,451	30,482	31,549	32,653	Benefits
27		5097150 51155	DC Retire		13,062	13,715	14,195	14,692	15,206	15,738	Benefits
28		5097150 51170	Work Comp		6,325	6,641	6,874	7,114	7,363	7,621	Benefits
29		5097150 51180	Unemploy		-	-	-	-	-	-	Benefits
30		5097150 52110	Emp Svcs		9,850	10,057	10,268	10,484	10,704	10,929	General
31		5097150 52310	Utl/Comm		2,500	2,553	2,606	2,661	2,717	2,774	General
32		5097150 52410	Prof Servc		23,000	23,483	23,976	24,480	24,994	25,519	General
33		5097150 52510	OthService		9,500	9,700	9,903	10,111	10,323	10,540	General
34		5097150 52610	MaintServ		35,000	35,735	36,485	37,252	38,034	38,833	General
35		5097150 52810	Ins&Bonds		-	-	-	-	-	-	General
36		5097150 53110	Offeq&Furn		2,000	2,042	2,085	2,129	2,173	2,219	General
37		5097150 53210	Jani Supp		-	-	-	-	-	-	General
38		5097150 53310	Gen Supp		11,200	11,435	11,675	11,921	12,171	12,426	General
39		5097150 53410	Tools&Equ		11,500	11,742	11,988	12,240	12,497	12,759	General
40		5097150 53510	Fuel		22,500	23,625	24,806	26,047	27,349	28,716	Equip Fuel
41		5097150 53610	MaintMat		75,000	76,575	78,183	79,825	81,501	83,213	General
42		5097150 53910	Inv Adj		-	-	-	-	-	-	General
43		5097150 55930	Oth Imprv		-	-	-	-	-	-	General
44		5097150 55980	Cap of FA		-	-	-	-	-	-	General
45		5097150 55990	Depr		-	-	-	-	-	-	General
46	6757150	6757150 52510	OthService		-	-	-	-	-	-	General
47		6757150 53410	Tools&Equ		-	-	-	-	-	-	General
48		6757150 53610	MaintMat		-	-	-	-	-	-	General
49		6757150 55930	Oth Imprv		-	-	-	-	-	-	General
50		6757150 55940	Mach&Equip		-	-	-	-	-	-	General
51		6757150 55950	Offeq&Furn		-	-	-	-	-	-	General
52		6757150 55960	Veh&Equip		-	-	-	-	-	-	General
53			Total WW Main	\$	864,193 \$	902,196 \$	931,560 \$	961,917 \$	993,299 \$	1,025,743	

Part				wastewa	ater Kevenue Kequi	rement Forecast					
Property Property											
		Descrip	otion		Year	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Inflation
	710000 BMASwrFund										
1,000000 1,200 1,00000 1,0000 1,00000 1,0000 1,00000 1,00000 1,0000 1,000000 1,00000 1,00000 1,00000 1,00000 1,00000 1,00000 1,0000000 1,00000 1,00000 1,00000 1,00000 1,00000 1,00000 1,00000 1,000000 1,00000 1,00000 1,00000 1,0000000 1,000000 1,000000 1,000000 1,000000 1,000000 1,000000 1,0000000 1,000000 1,000000 1,000000 1,000000 1,000000 1,000000 1,0000000 1,0000000 1,0000000 1,000000 1,0000000 1,0000000 1,0000000 1,0000000 1,0000000 1,0000000 1,0000000 1,0000000 1,0000000 1,00000000		52210 Fin Svc	s	Ś	- \$	- Ś	- \$	- \$	- \$	-	General
Property Property					- '	- '	- '	- '	- '	-	
Property					380	380	242	104	_	-	
									-	-	
Somewhite Some				\$					- \$	-	
Somewhite Some											
Solition Solition											
Segondame				\$, , , .						
Tameler to Cape											
Matewater Total Interfund Transfers					92,945	94,897	96,890	98,924			
Mustewarte Total Expenses 1,000,1589 1,001,589	5090000		-		<u> </u>	-	-	<u> </u>			General
		Total II	nterfund Transfers	\$	1,440,164 \$	1,470,407 \$	1,501,286 \$	1,532,813 \$	1,565,002 \$	1,597,867	
		al Expenses		Ś	4.801.589 \$	4.921.689 \$	5.034.737 Ś	5.150.536 \$	5.241.569 \$	5.363.227	
S101950 F1990				•	, ,	, , , ,	.,,.	.,,	, , ,	.,,	
\$107200 WaterPlant											
\$107200 WaterPlant				\$	- \$	- \$	- \$	- \$		-	General
\$107200 \$1110		Total F	leet Main	\$	- \$	- \$	- \$	- \$	- \$	-	
\$107200 \$1110	5107200 WaterPlant										
S107200 S11100 FICA		51110 Salarie	\$	\$	- \$	- 4	- ¢	- \$	- ¢		Salaries
SI07200 51140			,	Ÿ	-			-	-		
S107200 51150 Health Ins Senefits Senefits Senefits S107200 51155 DC Retire Senefits S107200 51155 DC Retire Senefits S107200 51170 Work Comp Senefits S107200 52110 Emp Svs Senefits S107200 52110 Utl/Comm Senefits S107200 52210 Utl/Comm Senefits S107200 52210 Utl/Comm S107200 52410 Prof Servc Seneral S107200 52410 Orthservice Seneral S107200 52410 Orthservice Seneral S107200 52510 Othservice Seneral S107200 52510 Othservice Seneral S107200 52510 OffeedRurn S107200 52510 OffeedRurn S107200 52710 OffeedRurn S107200 52710 OffeedRurn S107200 52710 Seneral S107200						_		_		_	
5107200 51155 DR Retire			Inc								
\$107200 5115 O.C. Relire											
\$107200 5110											
S107200 52110					-	•	-	-	-	-	
S107200 52310			•		•	-	-	-	-	-	
\$107200 \$2410		•			•	-	-	-	-	-	
5107200 52510 OthService - - General 5107200 52610 MaintServ - - General 5107200 52710 Oper Serv - - - General 5107200 53110 Offeq&Furn - - - General 5107200 53210 Jani Supp - - - - General 5107200 53210 Gen Supp - - - - General 5107200 53310 Gen Supp - - - - General 5107200 53510 Fuel - - - - General 5107200 53510 MaintMat - - - - General 5107200 53510 In Pwd -					-	•	-	-	-	-	
5107200 52610 MaintServ - - - General 5107200 52710 Oper Serv -					•	-	-	-	-	-	
5107200 52710 Oper Serv General 5107200 53110 Offeq&Furn					-	-	-	-	-	-	
5107200 53110 Offeq&Furn General					-	-	-	-	-	-	
S107200 53210		•			-	-	-	-	-	-	
S107200 53310 Gen Supp General S107200 53410 Tools&Equ General S107200 53410 Tools&Equ General S107200 53510 Fuel					-	-	-	-	-	-	
5107200 53410 Tools&Equ					-	-	-	-	-	-	
5107200 53510 Fuel - - - - Equip Fuel 5107200 53610 MaintMat - <td></td> <td></td> <td>• •</td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td></td>			• •		-	-	-	-	-	-	
5107200 53910 MaintMat - - - - - - - - -			Equ		-	-	-	-	-	-	
5107200 53910 Inv Adj			Ant		-	-	-	-	-	-	
5107200 55930 Oth Imprv General					-	-	-	-	-	-	
5107200 55940 Mach&Equip - - - - General 5107200 55980 Cap of FA - - - - General 5107200 55990 Depr - - - - - General 67572001 51110 Salaries - - - - Salaries 675720051110 FICA - - - - - - Salaries 675720051140 Health Ins -<					-	-	-	-	-	-	
5107200 55980 Cap of FA - - - - General 5107200 55990 Depr - - - - - General 6757200 675720051110 Salaries - - - - - Salaries 675720051130 FICA - - - - - - - Benefits 675720051140 Health Ins - - - - - - - Benefits 675720051150 DB Retire - - - - - - Benefits 675720052410 Prof Servc -			•		-	-	-	-	-	-	
5107200 55990 Depr - - - - - General 6757200 675720051110 Salaries - - - - - Salaries 675720051130 FICA -					-	-	-	-	-	-	
6757200 675720051110 Salaries - - - - - Salaries 675720051130 FICA - - - - - - - Benefits 675720051140 Health Ins - - - - - - - Benefits 675720051150 DB Retire - - - - - - - Benefits 675720052410 Prof Servc - - - - - - - General 675720053110 Offeq&Furn -		•	ra .		-	-	-	-	-	-	
675720051130 FICA - - - - - - - Benefits 675720051140 Health Ins - - - - - - - Benefits 675720051150 DB Retire - - - - - - - Benefits 675720052410 Prof Servc - - - - - General 675720053110 Offeq&Furn - - - - - - General 675720053610 MaintMat - - - - - - - General		· ·	_		-	-	-	-	-	-	
675720051140 Health Ins - - - - - - Benefits 675720051150 DB Retire - - - - - - Benefits 675720052410 Prof Servc - - - - - General 675720053110 Offeq&Furn - - - - - General 675720053610 MaintMat - - - - - General			S		-	-	-	-	-	-	
675720051150 DB Retire - - - - - - Benefits 675720052410 Prof Servc - - - - - - - General 675720053110 Offeq&Furn - - - - - - General 675720053610 MaintMat - - - - - - General					-	-	-	-	-	-	
675720052410 Prof Servc - - - - - - - - - - General 675720053110 Offeq&Furn - - - - - - - - General 675720053610 MaintMat - - - - - - - General					-	-	-	-	-	-	
675720053110 Offeq&Furn - - - - - - - General 675720053610 MaintMat - - - - - - - General					-	-	-	-	-	-	
675720053610 MaintMat General					-	-	-	-	-	-	
					-	-	-	-	-	-	
675720055930 Oth Imprv General					-	-	-	-	-	-	
	6757200	155930 Oth Im	prv		-	-	-	-	-	-	General

																<u> </u>
					Test		Year 1		Year 2		Year 3		Year 4		Year 5	
			Description		Year		FY 2022		FY 2023		FY 2024		Y 2025		FY 2026	Inflation Factor
105		675720055940	Mach&Equip		-		-		-		-		-		-	General
106		675720055960	Veh&Equip		-		-		-		-		-			General
107			Total WaterPlant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
108	5107250 Wat															
109		5107250 51110	Salaries	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	Salaries
110		5107250 51120	OT		-		-		-		-		-		-	Salaries
111		5107250 51130	FICA		-		-		-		-		-		-	Benefits
112		5107250 51140	Health Ins		-		-		-		-		-		-	Benefits
113		5107250 51150	DB Retire		-		-		-		-		-		-	Benefits
114		5107250 51170	Work Comp		-		-		-		-		-		-	Benefits
115		5107250 52110	Emp Svcs		-		-		-		-		-		-	Benefits
116		5107250 52310	Utl/Comm		-		-		-		-		-		-	General
117		5107250 52410 5107250 52510	Prof Service		-		-		-		-		-		-	General
118			OthService		-		-		-		-		-		-	General
119		5107250 52610	MaintServ		-		-		-		-		-		-	General
120		5107250 52710	Oper Serv		-		-		-		-		-		-	General
121 122		5107250 53110	Offeq&Furn		-		-		-		-		-		-	General
		5107250 53210	Jani Supp		-		-		-		-		-		-	General
123		5107250 53310	Gen Supp		-		-		-		-		-		-	General
124		5107250 53410	Tools&Equ		-		-		-		-		-		-	General
125		5107250 53510	Fuel		-		-		-		-		-		-	Equip Fuel
126	6757250	5107250 53610	MaintMat		-		-		-		-		-		-	General
127	6757250	6757250 52410	Prof Service		-		-		-		-		-		-	General
128		6757250 52510	OthService		-		-		-		-		-		-	General
129		6757250 55920	Buil&Struc		-		-		-		-		-		-	General
130		6757250 55930	Oth Imprv		-		-		-		-		-		-	General
131 132		6757250 55950	Offeq&Furn Total WaterAdm	\$		\$		\$		\$		\$		\$		General
132			Total WaterAdm	Þ	-	Þ	-	Þ	-	Þ	-	ş	-	ş	-	
133	5107300 Wat	terDist														
134	3107300 Wal	5107300 51110	Salaries	\$	_	\$	_	\$	_	Ś		\$	_	\$	_	Salaries
135		5107300 51110	OT	Ţ	_	Ÿ	_	Ý	_	Ÿ		Y	_	Ÿ	_	Salaries
136		5107300 51120	FICA												_	Benefits
137		5107300 51130	Health Ins												_	Benefits
138		5107300 51150	DB Retire		_		_		_				_		_	Benefits
139		5107300 51155	DC Retire		_		_		_				_		_	Benefits
140		5107300 51170	Work Comp		_		_		_				_		_	Benefits
141		5107300 51170	Unemploy		_		_		_				_		_	Benefits
142		5107300 52110	Emp Svcs		_				_				_		-	Benefits
143		5107300 52310	Utl/Comm		_				_				_		-	General
144		5107300 52410	Prof Servc		_				_		_		_		_	General
145		5107300 52510	OthService		_		_		_				_		_	General
146		5107300 52610	MaintServ		_				_				_		-	General
147		5107300 53110	Offeq&Furn		_				_				_		-	General
148		5107300 53210	Jani Supp		_				_				_		-	General
149		5107300 53310	Gen Supp		_				_				_		-	General
150		5107300 53410	Tools&Equ		_		_		_				_		_	General
151		5107300 53510	Fuel		_				_				_		-	Equip Fuel
152		5107300 53510	MaintMat		_				_		_		_		-	General
153		5107300 53910	Inv Adj		_				_		_		_		-	General
154		5107300 55930	Oth Imprv		_				_		_		_		-	General
155		5107300 55960	Veh&Equip		-				_				-		-	General
156		5107300 55980	Cap of FA		-				_				-		-	General
157		5107300 55990	Depr		-				_				-		-	General
			· -F.													

				Test		Year 1	Year 2		Year 3	Year 4		Year 5	
		Description		Year	F	FY 2022	FY 2023		FY 2024	FY 2025		FY 2026	Inflation Factor
	7300 6757300 51110	Salaries		-		-		-	-	-		-	Salaries
151	6757300 51130	FICA		-		-		-	-	-		-	Benefits
152	6757300 51140	Health Ins		-		-		-	-	-		-	Benefits
153	6757300 51150	DB Retire		-		-		-	-	-		-	Benefits
154	6757300 51155	DC Retire		-		-		-	-	-		-	Benefits
.55	6757300 52410	Prof Servc		-		-		-	-	-		-	General
156	6757300 52510	OthService		-		-		-	-	-		-	General
157	6757300 53410	Tools&Equ		-		_		-	-	_		_	General
.58	6757300 53610	MaintMat		-		_		_	-	_		-	General
.59	6757300 55920	Buil&Struc		_		_		_	_	_		_	General
.60	6757300 55930	Oth Imprv		_		_		_	_	_		_	General
161	6757300 55940	Mach&Equip				_				_			General
162	6757300 55960	Veh&Equip											General
	0737300 33900		\$		_		*	<u>-</u>	-				General
.63		Total WaterDist	\$	-	\$	- :	>	- \$	- \$	-	\$	-	
.64 715	0000 BMAWtr Fund												
165	7150000 52210	Fin Svcs	\$	-	Ś	- :	ŝ	- \$	- \$	-	\$	-	None
66	7150000 52220	BadDbt WO	•		Ÿ			. ,		_	Ÿ		None
67	7150000 52220	Debt-Int											None
68	7150000 52910	Debt-Prin		_		_		-	_	_		_	
				-		-		-	-	-		-	None
169	7150000 55990	Depr	_		_			-	-		_		None
.70		Total BMAWtr Fund	\$	-	\$	- :	\$	- \$	- \$	-	\$	-	
71 51	0900 Interfund Transfers												
72	51090059101	Transfer to Gen	\$	_	\$	- :	\$	- \$	- \$	_	\$	_	General Fund Transf
73	51090059663	Transfer to Col.	*	_	Ÿ		•		-	_	Ÿ	_	General
74	51090059670	Transfer to Stab											General
				-		-		-	-	-		-	
.75	51090059675	Transfer to Cap.	_		_	<u> </u>		-	-		_		General
.76		Total Interfund Transfers	\$	-	\$	- :	>	- \$	- \$	-	\$	-	
177	Water Total Expenses		\$	-	\$	- :	\$	- \$	- \$	-	\$	-	
.78	Proposed Debt	Makes Construction Project			ć	- 9		- Ś	- Ś	_	ć	-	News
.79		Water Construction Project	\$	-	\$	- :		-			\$		None
80		Construction of WWTP Expansion		-		-	2,654,	402	2,654,402	2,654,402		2,654,402	None
81		Construction of Caney PS Corridor Imprmts		-		-		-	-	1,636,949		1,636,949	None
82		Proposed Debt Total	\$	-	\$	- :	\$ 2,654,	402 \$	2,654,402 \$	4,291,350) \$	4,291,350	
83													
.84	Capital Improvement Plan												
85		Pay-as-you-go Funding	\$	2,730,000	\$	2,730,000	\$ 850,	000 \$	2,030,000 \$	565,000) \$	1,055,000	Capital Projects
86		Total CIP	\$	2,730,000	\$	2,730,000	\$ 850,	000 \$	2,030,000 \$	565,000) \$	1,055,000	
187													
188	Total Expenses		\$	7,531,589	\$	7,651,689	\$ 8,539,	138 \$	9,834,938 \$	10,097,919) \$	10,709,577	
189 Revenue	s												
L90 Wastewa													
	0000 Capital Reserve Fund												
92	675000044419	WWCIF	_\$	<u> </u>	\$	- :		- \$	- \$	-	\$		None
93		Total Capital Reserve Fund	\$	-	\$	- :	\$	- \$	- \$	-	\$	-	
94													
	0000 BMASwrFnd												
96	7100000 42163	Contr Lic	\$	(300)	Ś	(300)	s r	300) \$	(300) \$	(300) \$	(300)	None
97	7100000 42103	Fed Grant	7	(300)	Ψ.	(500)	- '		(300) 9	,500	., 🗸	(300)	None
				-		-			-	-		-	
198	7100000 44175	Other Svc		-		-		-	-	-		-	None

			Test	Year 1	Year 2	Year 3	Year 4	Year 5	
		Description	Year	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Inflation Facto
99	71000044411	WW/Sew Fee	-	-	-	-	-	-	None
00	71000044412	SewSvc Fee	-	-	-	-	-	-	None
01	71000044413	SewTap Fee	(1,400)	(1,400)	(1,400)	(1,400)	(1,400)	(1,400)	None
02	71000044416	Disch Test	(3,160)	(3,160)	(3,160)	(3,160)	(3,160)	(3,160)	None
03	71000046221	Int Earned	-	-	-	-	-	-	None
04	71000074711	Bad Debt Collection	-	-	-	-	-	-	None
05	710000 48211	Sale of FA	-	-	-	-	-	-	None
06	71000048611	Reimb. Contract	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	None
07	71000047211	Miscellaneous Rev	 -	-	-	-	-	<u> </u>	None
08		Total BMASwrfnd	\$ (34,860) \$	(34,860) \$	(34,860) \$	(34,860) \$	(34,860) \$	(34,860)	
09	Total Wastewater Revenues		\$ (34,860) \$	(34,860) \$	(34,860) \$	(34,860) \$	(34,860) \$	(34,860)	
10 Water									
11 7150 0			ı.						
12	715000044611	Water Use	\$ - \$	- \$	- \$	- \$	- \$	-	None
13	715000044613	Wa Srv Fee	-	-	-	-	-	-	None
14	715000044613	SvcOrd Fee	-	-	-	-	-	-	None
15	715000044614	Deling Fee	-	-	-	-	-	-	None
16	715000044615	WtrTap Fee	-	-	-	-	-	-	None
17	715000044618	OthWtr Fee	- (-	-	-	-	-	None
18	715000044619	LT Penalty	(139,747)	(139,747)	(139,747)	(139,747)	(139,747)	(139,747)	None
19	715000046221	Int Earn	-	-	-	-	-	-	None
20	715000047211	Misc. Revenue	-	-	-	-	-	-	None
21	715000047411	Bad Debt Collection	-	-	-	-	-	-	None
22	715000046224	Real G/L	-	-	-	-	-	-	None
23	715000047515	Refunds	-	-	-	-	-	-	None
24	715000048211	Sale of FA	 - (400 747) 4	- (420 747) A	- (420 747) 4	- (400 747) 4	- (400 747) 4	- (400 747)	None
25		Total BMAWtrFund	\$ (139,747) \$	(139,747) \$	(139,747) \$	(139,747) \$	(139,747) \$	(139,747)	
26 67500 0	•	wor	_				_		
27	675000044616	WCIF	\$ - \$ - \$	- \$ - \$	- \$ - \$	- \$ - \$	- \$ - \$		None
28		Total Capital Reserve	\$ - \$	- \$	- \$	- \$	- \$	-	
29	Total Water Revenues		\$ (139,747) \$	(139,747) \$	(139,747) \$	(139,747) \$	(139,747) \$	(139,747)	
30	Total Revenues		\$ (174,607) \$	(174,607) \$	(174,607) \$	(174,607) \$	(174,607) \$	(174,607)	
31	NET REVENUE REQUIREMENT		\$ 7,356,982 \$	7,477,082 \$	8,364,531 \$	9,660,331 \$	9,923,312 \$	10,534,970	

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Cost of Service - Water

			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
1	Water Revenue Requirement	\$	10,813,910	\$	10,594,764	\$	10,830,509	\$	10,772,627	\$	11,533,492
2	Allocation										
3	Allocation to Base, Extra, Customer										
4	Base	\$	5,333,220	\$	5,140,826	\$	5,241,439	\$	5,150,123	\$	5,587,392
5	Extra Capacity		2,669,733		2,557,981		2,605,330		2,548,101		2,778,051
6 7	Customer		2,810,957	_	2,895,957	ċ	2,983,739	ć	3,074,403	_	3,168,049
/	Total	\$	10,813,910	\$	10,594,764	\$	10,830,509	>	10,772,627	\$	11,533,492
8	Inside City Limits - Less than 3"										
9	Base	\$	3,431,522	\$	3,307,732	\$		\$	3,313,713	\$	3,595,063
10	Extra Capacity		2,104,982		2,016,870		2,054,203		2,009,080		2,190,387
11	Customer	_	2,749,571	_	2,832,714		2,918,579	_	3,007,263	_	3,098,864
12	Total	\$	8,286,075	Ş	8,157,315	\$	8,345,251	\$	8,330,056	\$	8,884,314
13	Meters 3" or Greater										
14	Base	\$	600,176	\$	578,525	\$	589,848	\$	579,571	\$	628,780
15	Extra Capacity		352,178		337,436		343,682		336,133		366,467
16	Customer		9,345		9,628		9,920		10,221		10,533
17	Total	\$	961,700	\$	925,589	\$	943,450	\$	925,926	\$	1,005,779
18	Outside City Limits										
19	Base	\$	66,394	\$	63,999	\$	65,251	\$	64,114	\$	69,558
20	Extra Capacity		40,231		38,547		39,261		38,399		41,864
21	Customer		47,277		48,706		50,183		51,708		53,283
22	Total	\$	153,902	\$	151,252	\$	154,695	\$	154,221	\$	164,704
23	Wholesale Total										
24	Base	\$	1,234,577	Ś	1,190,040	Ś	1.213.331	Ś	1,192,193	Ś	1,293,415
25	Extra Capacity	¥	170,046	Y	162,928	Y	165,943	Y	162,298	Y	176,945
26	Customer		3,482		3,587		3,696		3,808		3,924
27	Total	\$	1,408,104	\$	1,356,555	\$	1,382,970	\$	1,358,299	\$	1,474,284
28	Hydrants										
29	Base	\$	550	Ġ	531	Ġ	541	¢	532	¢	577
30	Extra Capacity	Ţ	2,296	Y	2,200	Y	2,240	Y	2,191	Ţ	2,389
31	Customer		1,283		1,321		1,362		1,403		1,446
32	Total	\$	4,129	\$	4,052	\$	4,143	\$	4,126	\$	4,411
33	Billing Units										
34	Connection Count										
35 36	Inside City Limits - Less than 3" 5/8"		13,250		13,250		12 250		12 250		12 250
30 37	5/8 1"		13,250		13,250		13,250 1,454		13,250 1,454		13,250 1,454
38	1.5"		1,434		1,434		1,434		1,434		1,434
39	2"		161		161		161		161		161
40	Subtotal		15,005		15,005		15,005		15,005		15,005
41	Inside City - Greater than 3"										
42	3"		35		35		35		35		35
43	4"		10		10		10		10		10
44	6"		5		5		5		5		5
45	8"		1		1		1		1		1
46	Subtotal	-	51		51		51		51		51
47	Outside City Limits										
48	5/8"		212		212		212		212		212
49	1"		40		40		40		40		40
50	1.5"		2		2		2		2		2
51	2"		4		4		4		4		4

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Cost of Service - Water

				Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
52	Subtotal			258		258		258		258		258
53	Wholesale											
54	BarDew (2")			1		1		1		1		1
55	Strike Axe			3		3		3		3		3
56	Wash Co #2			5		5		5		5		5
57	Ochelata			2		2		2		2		2
58	RPWA (Ramona)			2		2		2		2		2
59	Osage			1		1		1		1		1
60	Dewey			3		3		3		3		3
61	Minnesota			1		1		1		1		1
62	Wash Co #5			1 19		1 19		1 19		1 19		1 19
63	Hydrants			7		7		7		7		7
	•											
64	Total Connections			15,340		15,340		15,340		15,340		15,340
65	Minimum Bills											
66	Inside City Limits	- 11										4= 45
67		< 1"	\$	15.19	\$	15.19	Ş	15.19	Ş	15.19	Ş	15.19
68		1"		37.98		37.98		37.98		37.98		37.98
69		1.5"		75.95		75.95		75.95		75.95		75.95
70		2"		121.52		121.52		121.52		121.52		121.52
71		3"		227.85		227.85		227.85		227.85		227.85
72		4" 6"		379.75		379.75		379.75		379.75		379.75
73 74		8"		759.50		759.50 1,215.20		759.50		759.50 1,215.20		759.50 1,215.20
7 4 75	Outside City Limits	٥		1,215.20		1,215.20		1,215.20		1,215.20		1,215.20
75 76	Outside City Limits	< 1"	\$	18.99	Ċ	18.99	Ċ	18.99	Ċ	18.99	ċ	18.99
70 77		1"	Ţ	47.48	۲	47.48	ب	47.48	ب	47.48	۲	47.48
77 78		1.5"		94.94		94.94		94.94		94.94		94.94
79		2"		151.90		151.90		151.90		151.90		151.90
80		3"		284.81		284.81		284.81		284.81		284.81
81		4"		474.69		474.69		474.69		474.69		474.69
82		6"		949.38		949.38		949.38		949.38		949.38
83		8"		1,519.00		1,519.00		1,519.00		1,519.00		1,519.00
84	Wholesale			_,		_,		_,======		_,		_,=======
85		Dewey	\$	-	\$	-	\$	-	\$	-	\$	_
86	Washington Co. #5	,		470.89		470.89		470.89		470.89		470.89
87	Minnesota Water Charge			75.95		75.95		75.95		75.95		75.95
88	· ·	2"		151.90		151.90		151.90		151.90		151.90
89		3"		284.81		284.81		284.81		284.81		284.81
90		4"		474.69		474.69		474.69		474.69		474.69
91		6"		949.38		949.38		949.38		949.38		949.38
92		8"		1,519.00		1,519.00		1,519.00		1,519.00		1,519.00
93	Minimum Bill Revenue											
94	Inside City Limits - Less than 3"											
95		5/8"	\$	2,415,210	\$	2,415,210	\$	2,415,210	\$	2,415,210	\$	2,415,210
96		1"		662,675		662,675		662,675		662,675		662,675
97		1.5"		127,596		127,596		127,596		127,596		127,596
98		2"		234,777		234,777		234,777		234,777		234,777
99	Subtotal		\$	3,440,258	\$	3,440,258	\$	3,440,258	\$	3,440,258	\$	3,440,258
100	Inside City - Greater than 3"											
101		3"	\$	95,697	\$	95,697	\$	95,697	\$	95,697	\$	95,697
102		4"		45,570		45,570		45,570		45,570		45,570

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Cost of Service - Water

				Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
103		6" 8"		45,570		45,570		45,570		45,570		45,570
104 105	Subtotal	8	\$	14,582 201,419	ċ	14,582 201,419	ċ	14,582 201,419	ċ	14,582	\$	14,582
105 106	Subtotal Outside City Limits		>	201,419	>	201,419	\$	201,419	\$	201,419	>	201,419
107	Outside City Limits	5/8"	\$	48,304	Ġ	48,304	¢	48,304	¢	48,304	¢	48,304
108		3/8 1"	٦	22,788	ب	22,788	ب	22,788	۲	22,788	ڔ	22,788
109		1.5"		2,279		2,279		2,279		2,279		2,279
110		2"		7,291		7,291		7,291		7,291		7,291
111	Subtotal		\$	80,662	\$	80,662	\$	80,662	\$	80,662	\$	80,662
112	Wholesale											
113	BarDew (2")		\$	1,823	\$	1,823	\$	1,823	\$	1,823	\$	1,823
114	Strike Axe(2"&3"x2)			8,658		8,658		8,658		8,658		8,658
115	Wash Co #2(2x3",2x4",6")			41,013		41,013		41,013		41,013		41,013
116	Ochelata(3"&4")			9,114		9,114		9,114		9,114		9,114
117	RPWA (3",6")			14,810		14,810		14,810		14,810		14,810
118	Osage(4")			5,696		5,696		5,696		5,696		5,696
119	Dewey			-		-		-		-		-
120	Minnesota			911		911		911		911		911
121	Wash Co #5			5,651		5,651		5,651		5,651		5,651
122	Subtotal		\$	87,677	\$	87,677	\$	87,677	\$	87,677	\$	87,677
123	Hydrants		\$	19,139	\$	19,139	\$	19,139	\$	19,139	\$	19,139
124	Total Minimum Bill Revenue		\$	3,829,155	\$	3,829,155	\$	3,829,155	\$	3,829,155	\$	3,829,155
125	Minimum Bill Recovery			35%		36%		35%		36%		33%
126	Revenue Requirement to be Recovered by Volu	ımetric Char	ges									
127	Revenue to be Recovered from Volumetric Char	rge										
128	Inside City Limits - Less Than 3"	•	\$	4,845,817	Ś	4,717,058	Ś	4,904,993	Ś	4,889,799	Ś	5,444,056
129	Inside City Limits - > 3"			760,280		724,170		742,030		724,506		804,360
130	Outside City Limits			73,240		70,591		74,033		73,559		84,043
131	Total Wholesale			1,320,428		1,268,878		1,295,293		1,270,622		1,386,607
132	Hydrants			(15,011)		(15,088)		(14,997)		(15,014)		(14,728)
133	Water Consumption (1,000 gals)											
134	Inside City Limits < 3"			1,054,842		1,054,842		1,054,842		1,054,842		1,054,842
135	Inside City Limits - Greater 3"			184,493		184,493		184,493		184,493		184,493
136	Outside City Limits			20,409		20,409		20,409		20,409		20,409
137	BarDew			2,776		2,776		2,776		2,776		2,776
138	Strike Axe			22,206		22,206		22,206		22,206		22,206
139	Wash Co #2			74,578		74,578		74,578		74,578		74,578
140	Ochelata			21,050		21,050		21,050		21,050		21,050
141	RPWA			67,934		67,934		67,934		67,934		67,934
142	Osage			22,749		22,749		22,749		22,749		22,749
143	Dewey			163,999		163,999		163,999		163,999		163,999
144	Minnesota			3,618		3,618		3,618		3,618		3,618
145	Wash Co #5			598		598		598		598		598
146	Hydrants			169		169		169		169		169
147	Total Volume Billed			1,639,420		1,639,420		1,639,420		1,639,420		1,639,420
148	Cost per 1000 gals											
149	Inside City Limits - Less Than 3"		\$		\$	4.47		4.65		4.64		5.16
150	Inside City Limits - Greater Than 3"		\$	4.12	\$	3.93	\$	4.02	\$	3.93	\$	4.36
151	Outside City Limits		\$	3.59	\$	3.46	\$	3.63		3.60		4.12
152	Total Wholesale		\$	3.48		3.34		3.41		3.35	\$	3.65
153	Hydrants		\$	(88.71)	\$	(89.17)	\$	(88.63)	\$	(88.73)	\$	(87.05)

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Cost of Service - Wastewater

		Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
1	Wastewater Revenue Requirement	\$ 7,477,082	\$ 8,364,531	\$ 9,660,331	\$ 9,923,312	\$ 10,534,970
2	Billing Units					
3	Connection Count					
4	Inside City Limits	12,783	12,783	12,783	12,783	12,783
5	Outside City Limits	 261	261	261	261	261
6	Total	13,044	13,044	13,044	13,044	13,044
7	Wastewater Annual Consumption (1,000 gals)					
8	Inside City Limits	909,460	909,460	909,460	909,460	909,460
9	Outside City Limits	 1,330	1,330	1,330	1,330	1,330
10	Total	910,790	910,790	910,790	910,790	910,790
11	Minimum Bills					
12	Rates Per Month					
13	Inside City Limits	\$ 9.93	\$ 9.93	\$ 9.93	\$ 9.93	\$ 9.93
14	Outside City Limits	12.41	12.41	12.41	12.41	12.41
15	Annual Minimum Bill Revenue					
16	Inside City Limits	\$ 1,523,237	\$ 1,523,237	\$ 1,523,237	\$ 1,523,237	\$ 1,523,237
17	Outside City Limits	38,858	38,858	38,858	38,858	38,858
18	Total	\$ 1,562,095	\$ 1,562,095	\$ 1,562,095	\$ 1,562,095	\$ 1,562,095
19	Minimum Bill Recovery	21%	19%	16%	16%	15%
20	Volumetric Rate					
21	RR to be Recovered by Volumetric Rates	\$ 5,914,987	\$ 6,802,436	\$ 8,098,236	\$ 8,361,217	\$ 8,972,875
22	Cost per 1,000 gal	\$ 6.49	\$ 7.47	\$ 8.89	\$ 9.18	\$ 9.85

			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
1	Water Revenue Requirement	\$	10,813,910	\$	10,594,764	\$	10,830,509	\$	10,772,627	\$	11,533,492
2	Allocation										
3	Allocation to Base, Extra, Customer										
4	Base	\$	5,333,220	\$	5,140,826	\$	5,241,439	\$	5,150,123	\$	5,587,392
5 6	Extra Capacity Customer		2,669,733 2,810,957		2,557,981 2,895,957		2,605,330 2,983,739		2,548,101 3,074,403		2,778,051 3,168,049
7	Total	\$	10,813,910	\$	10,594,764	\$	10,830,509	\$	10,772,627	\$	11,533,492
8	Inside City Limits - Less than 3"										
9	Base	\$	3,431,522	\$	3,307,732	\$	3,372,468	\$	3,313,713	\$	3,595,063
10	Extra Capacity		2,104,982		2,016,870		2,054,203		2,009,080		2,190,387
11 12	Customer Total	\$	2,749,571	ć	2,832,714	_	2,918,579	_	3,007,263	<u>,</u>	3,098,864
12	Total	\$	8,286,075	\$	8,157,315	Ş	8,345,251	Þ	8,330,056	Þ	8,884,314
13	Meters 3" or Greater										
14	Base	\$	600,176	\$	578,525	\$	589,848	\$	579,571	\$	628,780
15 16	Extra Capacity Customer		352,178 9,345		337,436 9,628		343,682 9,920		336,133 10,221		366,467 10,533
17	Total	\$	961,700	\$	925,589	\$	943,450	\$	925,926	\$	1,005,779
18	Outeido City Limite										
18 19	Outside City Limits Base	\$	66,394	¢	63,999	\$	65,251	\$	64,114	¢	69,558
20	Extra Capacity	7	40,231	7	38,547	Y	39,261	Y	38,399	Y	41,864
21	Customer		47,277		48,706		50,183		51,708		53,283
22	Total	\$	153,902	\$	151,252	\$	154,695	\$	154,221	\$	164,704
23	Wholesale Total										
24	Base	\$	1,234,577	\$	1,190,040	\$	1,213,331	\$	1,192,193	\$	1,293,415
25	Extra Capacity		170,046		162,928		165,943		162,298		176,945
26 27	Customer Total	\$	3,482 1,408,104	\$	3,587 1,356,555	Ś	3,696 1,382,970	Ś	3,808 1,358,299	Ś	3,924 1,474,284
		•	, ,	·	, ,		, ,				, ,
28	Hydrants										
29 30	Base Futra Canacitu	\$	550 2,296	\$	531 2,200	\$	541 2,240	\$	532 2,191	\$	577 2,389
31	Extra Capacity Customer		1,283		1,321		1,362		1,403		2,389 1,446
32	Total	\$	4,129	\$	4,052	\$	4,143	\$	4,126	\$	4,411
33	Billing Units										
34	Connection Count										
35	Inside City Limits - Less than 3"										
36	5/8"		13,250		13,250		13,250		13,250		13,250
37	1"		1,454		1,454		1,454		1,454		1,454
38 39	1.5" 2"		140 161		140 161		140 161		140 161		140 161
40	Z Subtotal	-	15,005		15,005		15,005		15,005		15,005
41	Inside City - Greater than 3"		13,003		13,003		25,005		13,003		13,003
42	3"		35		35		35		35		35
43	4"		10		10		10		10		10
44 45	6" 8"		5 1		5 1		5 1		5 1		5 1
46	Subtotal		51		51		51		51		51
47	Outside City Limits										
48	5/8"		212		212		212		212		212
49	1"		40		40		40		40		40
50	1.5" 2"		2		2		2		2		2
51 52	2 Subtotal	-	258		258		258		258		<u>4</u> 258
F2	Mindoodo										
53 54	Wholesale BarDew		1		1		1		1		1
55	Strike Axe		3		3		3		3		3
56	Wash Co #2		5		5	;	5		5		5
57	Ochelata		2		2		2		2		2
58	RPWA (Ramona)		2		2		2		2		2
59 60	Osage Dewey		1		1		1		1 3		1 3
61	Minnesota		1		1		1		1		1
62	Wash Co #5		1		1		1		1		1
63	Subtotal		19		19		19		19		19

				Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
64	Hydrants			7		7		7		7		7
65	Total Connections			15,340		15,340		15,340		15,340		15,340
66	Minimum Bills											
67	Inside City Limits											
68		< 1"	\$	15.19	\$	15.19	\$	15.19	\$	15.19	\$	15.19
69 70		1" 1.5"		37.98 75.95		37.98 75.95		37.98 75.95		37.98 75.95		37.98 75.95
70 71		1.5 2"		121.52		121.52		121.52		121.52		121.52
72		3"		227.85		227.85		227.85		227.85		227.85
73		4"		379.75		379.75		379.75		379.75		379.75
74		6"		759.50		759.50		759.50		759.50		759.50
75 76	Outrido City Limite	8"		1,215.20		1,215.20		1,215.20		1,215.20		1,215.20
76 77	Outside City Limits	< 1"	\$	18.99	\$	18.99	¢	18.99	\$	18.99	\$	18.99
78		1"	Ÿ	47.48	~	47.48	Ψ.	47.48	Ψ.	47.48	Ψ.	47.48
79		1.5"		94.94		94.94		94.94		94.94		94.94
80		2"		151.90		151.90		151.90		151.90		151.90
81		3"		284.81		284.81		284.81		284.81		284.81
82 83		4" 6"		474.69 949.38		474.69		474.69		474.69 949.38		474.69 949.38
83 84		8"		1,519.00		949.38 1,519.00		949.38 1,519.00		1,519.00		1,519.00
85	Wholesale	8		1,313.00		1,313.00		1,313.00		1,313.00		1,319.00
86		Dewey	\$	-	\$	-	\$	-	\$	-	\$	-
87	Washington Co. #5			470.89		470.89		470.89		470.89		470.89
88	Minnesota Water Charge			75.95		75.95		75.95		75.95		75.95
89		2"		151.90		151.90		151.90		151.90		151.90
90 91		3" 4"		284.81		284.81		284.81		284.81		284.81
92		6"		474.69 949.38		474.69 949.38		474.69 949.38		474.69 949.38		474.69 949.38
93		8"		1,519.00		1,519.00		1,519.00		1,519.00		1,519.00
94 95	Minimum Bill Revenue Inside City Limits - Less than 3"											
96		5/8"	\$		\$	2,415,210	\$	2,415,210	\$	2,415,210	\$	2,415,210
97		1"		662,675		662,675		662,675		662,675		662,675
98 99		1.5" 2"		127,596 234,777		127,596 234,777		127,596 234,777		127,596 234,777		127,596 234,777
100	Subtotal	-	\$	3,440,258	\$	3,440,258	\$	3,440,258	\$	3,440,258	Ś	3,440,258
101	Inside City - Greater than 3"		·	-, -,	•	., .,		-, -,		-, -,	•	-, -,
102		3"	\$	95,697	\$	95,697	\$	95,697	\$	95,697	\$	95,697
103		4"		45,570		45,570		45,570		45,570		45,570
104		6"		45,570		45,570		45,570		45,570		45,570
105 106	Subtotal	8"	\$	14,582 201,419	\$	14,582 201,419	¢	14,582 201,419	\$	14,582 201,419	Ġ	14,582 201,419
107	Outside City Limits		ڔ	201,419	ڔ	201,415	ڔ	201,415	ڔ	201,419	۲	201,419
108		5/8"	\$	48,304	\$	48,304	\$	48,304	\$	48,304	\$	48,304
109		1"		22,788		22,788		22,788		22,788		22,788
110		1.5"		2,279		2,279		2,279		2,279		2,279
111	Culphod - I	2"	_	7,291	<u>,</u>	7,291	<u>_</u>	7,291	<u>,</u>	7,291	<u>,</u>	7,291
112 113	Subtotal Wholesale		\$	80,662	\$	80,662	\$	80,662	\$	80,662	>	80,662
113	Wholesale BarDew (2")		\$	1,823	Ś	1,823	Ś	1,823	\$	1,823	\$	1,823
115	Strike Axe(2"&3"x2)		~	8,658	Ψ.	8,658	~	8,658	+	8,658	+	8,658
116	Wash Co #2(2x3",2x4",6")			41,013		41,013		41,013		41,013		41,013
117	Ochelata(3"&4")			9,114		9,114		9,114		9,114		9,114
118	RPWA (3",6")			14,810		14,810		14,810		14,810		14,810
119	Osage(4")			5,696		5,696		5,696		5,696		5,696
120 121	Dewey Minnesota			911		911		911		911		911
121	Wash Co #5			5,651		5,651		5,651		5,651		5,651
123	Subtotal		\$	87,677	\$	87,677	\$	87,677	\$	87,677	\$	87,677
124	Hydrants		\$	19,139	\$	19,139	\$	19,139	\$	19,139	\$	19,139
125	Total Minimum Bill Revenue		\$	3,829,155	\$	3,829,155	\$	3,829,155	\$	3,829,155	\$	3,829,155
126	Minimum Bill Recovery			35%		36%		35%		36%		33%
127	Revenue Requirement to be Recovered by	Volumetric Cha	rges									

131	ar 3 2024	Year 4 FY 2025	Year 5 FY 2026
Inside City Limits - 9" 760,280 7744,170 131 131 Outside City Limits 73,240 70,591 132 1320,428 1,268,878 1,320,428 1,268,878 1,320,428 1,268,878 1,320,428 1,268,878 1,320,428 1,268,878 1,320,428 1,268,878 1,320,428 1,268,878 1,320,428 1,268,878 1,320,428 1,268,878 1,320,428 1,268,878 1,320,428 1,268,878 1,320,428 1,268,878 1,320,428 1,268,878 1,320,428 1,268,878 1,320,42			
131	,904,993 \$	4,889,799	
Total Wholesale 1,320,428 1,268,878 1, 1,50,888	742,030	724,506	804,360
133	74,033	73,559	84,04
	,295,293	1,270,622	1,386,60
Inside City Limits - Less Than 3" (per 1000 gallons 0.2000 gallons 0	(14,997)	(15,014)	(14,72
136			
137			
138	- \$		\$ -
139	4.27	4.27	4.2
141	4.70	4.70	4.7
143	5.12 5.55	5.12 5.55	5.1 5.5
143			
143	- \$	_ 9	\$ -
145	4.27	4.27	4.2
145			
146			
147	- \$		\$ -
148 25001-50000 gallons 6.40 6.40 149 550000 gallons 6.94 6.94 150 Wholesale	5.34	5.34	5.3
149	5.88	5.88	5.8
Dewey (per 1000 gals) \$ 3.32 \$ 3.32 \$	6.40	6.40	6.4
151	6.94	6.94	6.9
152	2.22 +		
153	3.32 \$	3.32	\$ 3.3
154			
155	- \$		\$ -
156	5.29	5.29	5.2
157			
158	- \$		\$ -
159	4.27	4.27	4.2
160	4.70	4.70	4.7
Other	5.12	5.12	5.1
162 0-2000 gallons S - S - S - S S	5.55	5.55	5.5
163	- \$	- 9	\$ -
165 Water Consumption (1,000 gals) 1,054,842 1,054,842 1,166 Inside City Limits < 3" 1,054,842 1,054,842 1,167 Inside City Limits - Greater 3" 184,493 184,493 168 Outside City Limits 20,409 20,409 169 BarDew 2,776 2,776 2,776 170 Strike Axe 22,206 22,206 171 Wash Co #2 74,578 74,578 172 Ochelata 21,050 21,050 173 RPWA 67,934 67,934 67,934 174 Osage 22,749 22,749 175 Dewey 163,999 163,999 176 Minnesota 3,618 3,618 177 Wash Co #5 598 598 178 Hydrants 169 169 179 Total Volume Billed 1,639,420 1,639,420 1,639,420 1,839,420 1,839,420 1,639,420 1,839,420 1,839,420 1,839,420 1,639,420 1,839,420 1,839,420 1,839,420 1,639,420 1,639,420 1,839,420 1,639,420	5.34	5.34	5.3
166 Inside City Limits < 3"			
166 Inside City Limits < 3"			
168 Outside City Limits 20,409 20,409 169 BarDew 2,776 2,776 170 Strike Axe 22,206 22,206 171 Wash Co #2 74,578 74,578 172 Ochelata 21,050 21,050 173 RPWA 67,934 67,934 174 Osage 22,749 22,749 175 Dewey 163,999 163,999 176 Minnesota 3,618 3,618 177 Wash Co #5 598 598 178 Hydrants 169 169 179 Total Volume Billed 1,639,420 1,639,420 1, 180 In City Volume (< 3") Consumed at Proposed Blocks	,054,842	1,054,842	1,054,84
169 BarDew 2,776 2,776 170 Strike Axe 22,206 22,206 171 Wash Co #2 74,578 74,578 172 Ochelata 21,050 21,050 173 RPWA 67,934 67,934 174 Osage 22,749 22,749 175 Dewey 163,999 163,999 176 Minnesota 3,618 3,618 177 Wash Co #5 598 598 178 Hydrants 169 169 179 Total Volume Billed 1,639,420 1,639,420 1, 180 In City Volume (< 3") Consumed at Proposed Blocks	184,493	184,493	184,49
170 Strike Axe 22,206 22,206 171 Wash Co #2 74,578 74,578 172 Ochelata 21,050 21,050 173 RPWA 67,934 67,934 174 Osage 22,749 22,749 175 Dewey 163,999 163,999 176 Minnesota 3,618 3,618 177 Wash Co #5 598 598 178 Hydrants 169 169 179 Total Volume Billed 1,639,420 1,639,420 1, 180 In City Volume (< 3") Consumed at Proposed Blocks	20,409	20,409	20,40
170 Strike Axe 22,206 22,206 171 Wash Co #2 74,578 74,578 172 Ochelata 21,050 21,050 173 RPWA 67,934 67,934 174 Osage 22,749 22,749 175 Dewey 163,999 163,999 176 Minnesota 3,618 3,618 177 Wash Co #5 598 598 178 Hydrants 169 169 179 Total Volume Billed 1,639,420 1,639,420 1, 180 In City Volume (< 3") Consumed at Proposed Blocks	2,776	2,776	2,77
171 Wash Co #2 74,578 74,578 74,578 172 Ochelata 21,050 21,050 173 RPWA 67,934 67,934 174 Osage 22,749 22,749 175 Dewey 163,999 163,999 176 Minnesota 3,618 3,618 177 Wash Co #5 598 598 178 Hydrants 169 169 179 Total Volume Billed 1,639,420 1,639,420 1, 180 In City Volume (< 3") Consumed at Proposed Blocks	22,206	22,206	22,20
172 Ochelata 21,050 21,050 173 RPWA 67,934 67,934 174 Osage 22,749 22,749 175 Dewey 163,999 163,999 176 Minnesota 3,618 3,618 177 Wash Co #5 598 598 178 Hydrants 169 169 179 Total Volume Billed 1,639,420 1,639,420 1, 180 In City Volume (< 3") Consumed at Proposed Blocks	74,578	74,578	74,57
173 RPWA 67,934 67,934 174 Osage 22,749 22,749 175 Dewey 163,999 163,999 176 Minnesota 3,618 3,618 177 Wash Co #5 598 598 178 Hydrants 169 169 179 Total Volume Billed 1,639,420 1,639,420 1, 180 In City Volume (< 3") Consumed at Proposed Blocks	21,050	21,050	21,05
174 Osage 22,749 22,749 175 Dewey 163,999 163,999 176 Minnesota 3,618 3,618 177 Wash Co #5 598 598 178 Hydrants 169 169 179 Total Volume Billed 1,639,420 1,639,420 1, 180 In City Volume (< 3") Consumed at Proposed Blocks	67,934	67,934	67,93
175 Dewey 163,999 163,999 163,999 176 Minnesota 3,618 3,618 3,618 177 Wash Co #5 598 598 598 178 Hydrants 169 169 179 Total Volume Billed 1,639,420 1,639,420 1, 180 In City Volume (< 3") Consumed at Proposed Blocks	22,749	22,749	22,74
176 Minnesota 3,618 3,618 177 Wash Co #5 598 598 178 Hydrants 169 169 179 Total Volume Billed 1,639,420 1,639,420 1, 180 In City Volume (< 3") Consumed at Proposed Blocks	163,999	163,999	163,99
177 Wash Co #5 598 598 178 Hydrants 169 169 179 Total Volume Billed 1,639,420 1,639,420 1, 180 In City Volume (< 3") Consumed at Proposed Blocks	3,618	3,618	3,61
178 Hydrants 169 169 179 Total Volume Billed 1,639,420 1,639,420 1, 180 In City Volume (< 3") Consumed at Proposed Blocks	598	598	59
179 Total Volume Billed 1,639,420 1,639,420 1, 180 In City Volume (< 3") Consumed at Proposed Blocks	169	169	16
181 0-2000 gallons 26% 26% 182 2001-10000 gallons 67% 67% 183 10001-25000 gallons 7% 7% 184 25001-50000 gallons 0% 0% 185 >50000 gallons 0% 0% 186 In City Volume (> 3") Consumed at Proposed Blocks	,639,420	1,639,420	1,639,42
182 2001-10000 gallons 67% 67% 183 10001-25000 gallons 7% 7% 184 25001-50000 gallons 0% 0% 185 >50000 gallons 0% 0% 186 In City Volume (> 3") Consumed at Proposed Blocks			
183 10001-25000 gallons 7% 7% 184 25001-50000 gallons 0% 0% 185 >50000 gallons 0% 0% 186 In City Volume (> 3") Consumed at Proposed Blocks	26%	26%	2
184 25001-50000 gallons 0% 0% 185 >50000 gallons 0% 0% 186 In City Volume (> 3") Consumed at Proposed Blocks	67%	67%	6
185 >50000 gallons 0% 0% 186 In City Volume (> 3") Consumed at Proposed Blocks	7%	7%	1
186 In City Volume (> 3") Consumed at Proposed Blocks	0% 0%	0% 0%	(
	J/0	U/0	,
187 0-2000 gallons 5% 5%	5%	5%	!
188 > 2000 gallons 95% 95%	95%	95%	95
189 Outside City Volume Consumed at Proposed Blocks			
190 0-2000 gallons 24% 24%	24%	24%	24
191 2001-10000 gallons 76% 76%	76%	76%	76

1922 1,0001_12000 pilons				Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
1996	192	10001-25000 gallons										0%
Minescrita												0%
1986	194	>50000 gallons		0%		0%		0%		0%		0%
196	195	Minnesota										
1979 2001-10000 gallons 17%				4%		4%		4%		4%		4%
1999												17%
Wholesale (Other)	198	10001-25000 gallons		31%		31%		31%		31%		31%
Wholesale (Other)	199	25001-50000 gallons		52%		52%		52%		52%		52%
2020 0,2000 gallons 10%	200	>50000 gallons		12%		12%		12%		12%		12%
Annual Volumetric Revenue	201	Wholesale (Other)										
Inside City Limits - Less Than 3" (per 1000 gallon to 2000 gallons 2001 1000 125000 gallons 20	202	0-2000 gallons		10%		10%		10%		10%		10%
Inside City Limits - Less Than 3" (per 1000 gallons 2001 10000 gallons 3,017,798 3	203	> 2000 gallons		90%		90%		90%		90%		90%
	204	Annual Volumetric Revenue										
	205	Inside City Limits - Less Than 3" (ner 1000 gals)										
2001			Ś	-	Ś	_	Ś	_	Ś	-	Ś	-
				3,017,798	•	3,017,798	•	3,017,798				3,017,798
200	208											347,043
Total S	209	25001-50000 gallons		-		-		-				-
Inside City Limits - Greater Than 3" (per 1000 gallons 2000 gallons 5 5 5 5 5 5 5 5 5	210	>50000 gallons		-		-		-		-		-
213	211	Total	\$	3,364,841	\$	3,364,841	\$	3,364,841	\$	3,364,841	\$	3,364,841
	212	Inside City Limits - Greater Than 3" (per 1000 gals)										
Total S	213	0-2000 gallons	\$	-	\$	-	\$	-	\$	-	\$	-
Outside City Limits	214	> 2000 gallons										582,960
1217	215	Total	\$	582,960	\$	582,960	\$	582,960	\$	582,960	\$	582,960
1217	216	Outside City Limits										
218		•		-		-		_		-		-
220				82,790		82,790		82,790		82,790		82,790
Second	219			-		-		-		-		-
Wholesale	220	25001-50000 gallons		-		-		-		-		-
Wholesale Dewey (per 1000 gals) \$ 544,476 \$ 54				-		-		-				-
Dewey (per 1000 gals)	222	Total	\$	82,790	\$	82,790	\$	82,790	\$	82,790	\$	82,790
Districts	223	Wholesale										
226	224	Dewey (per 1000 gals)	\$	544,476	\$	544,476	\$	544,476	\$	544,476	\$	544,476
227						-		-		-		-
228				-		-		-		-		-
229		-		2,848								2,848
230						-		-				-
231				2 626		2 626		2 626				2 626
232 25001-50000 gallons												
233												9,633
235												2,410
236	234	Other				-		-		-		-
Total \$ 1,582,255 \$ 1,582,	235	0-2000 gallons		-		-		-		-		-
238	236	> 2000 gallons		1,014,991		1,014,991						1,014,991
239	237	Total	\$	1,582,255	\$	1,582,255	\$	1,582,255	\$	1,582,255	\$	1,582,255
239	238	Hydrant										
240 240 240 240 3 2000 gallons 722 7		•	\$	-	\$	-	\$	-	\$	-	\$	-
Total Volumetric Revenue \$ 5,613,569 \$ 5,6	240	> 2000 gallons		722		722		722		722		722
243 Water Capital Investment Fee 244 Water Capital Investment Fee 245 Inside City Limits \$ 0.85 \$ 0.	241	Total	\$	722	\$	722	\$	722	\$	722	\$	722
244 Water Capital Investment Fee 245 Inside City Limits \$ 0.85 \$ 0.	242	Total Volumetric Revenue	\$	5,613,569	\$	5,613,569	\$	5,613,569	\$	5,613,569	\$	5,613,569
245 Inside City Limits \$ 0.85	243	Water Capital Investment Fee										
246 Outside City Limits \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.00 \$	244											
247 Dewey \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 248 Districts \$ 1.05 \$ 1		•										0.85
248 Districts \$ 1.05		•				1.06		1.06				1.06
249 Minnesota \$ 0.85 \$ 0.						-		-				
250 Wholesale (Other) \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.07 \$ 1.07 \$ 1.08 \$ 1.09 \$												1.05
251 Water Capital Investment Revenue 252 Inside City Limits - Less than 3" \$ 590,514 \$ 590,514 \$ 590,514 \$ 590,514 \$ 590,514 \$ 590,514 \$ 590,514 \$ 148,978 148,978 148,978 148,978												0.85
252 Inside City Limits - Less than 3" \$ 590,514<	250	wholesale (Other)	Ş	1.06	Þ	1.06	Þ	1.06	Þ	1.06	ş	1.06
253 Inside City Limits - Greater than 3" 148,978 148,978 148,978 148,978 148,978												
			\$		\$		\$		\$		\$	590,514
254 Outside City Limits 16,481 16,481 16,481 16,481 16,481 16,481												148,978
	254	Outside City Limits		16,481		16,481		16,481		16,481		16,481

			Year 1		Year 2		Year 3		Year 4		Year 5
			FY 2022		FY 2023		FY 2024		FY 2025		FY 2026
255	BarDew		2,924		2,924		2,924		2,924		2,924
256	Strike Axe		23,517		23,517		23,517		23,517		23,517
257	Wash Co #2		79,111		79,111		79,111		79,111		79,111
258	Ochelata		22,315		22,315		22,315		22,315		22,315
259	RPWA		72,129		72,129		72,129		72,129		72,129
260	Osage		24,145		24,145		24,145		24,145		24,145
261	Dewey		-		-		-		-		-
262	Minnesota		2,952		2,952		2,952		2,952		2,952
263	Wash Co #5		603		603		603		603		603
264	Hydrants		144		144		144		144		144
265	Total	\$	983,811	\$	983,811	\$	983,811	\$	983,811	\$	983,811
266	Over(Under) Recovery										
267	Inside City Limits Revenue (< 3") Requirement	\$	8,286,075	\$	8,157,315	\$	8,345,251	\$	8,330,056	\$	8,884,314
268	Inside City Limits Revenue		7,395,613		7,395,613		7,395,613		7,395,613		7,395,613
269	Over(Under) Recovery	\$	(890,462)	\$	(761,702)	\$	(949,638)	\$	(934,444)	\$	(1,488,701)
270	Inside City Limits Revenue (> 3") Requirement	\$	961,700	Ś	925,589	Ś	943,450	Ś	925,926	Ś	1,005,779
271	Inside City Limits Revenue		933,358	•	933,358		933,358		933,358	•	933,358
272	Over(Under) Recovery	\$	(28,342)	\$	7,768	\$	(10,092)	\$	7,432	\$	(72,421)
273	Outside City Limits Revenue Requirement	\$	153,902	\$	151,252	\$	154,695	\$	154,221	\$	164,704
274	Outside City Limits Revenue	Ŷ	179,933	~	179,933	~	179,933	~	179,933	~	179,933
275	Over(Under) Recovery	\$	26,031	¢	28,680	¢	25,238	¢	25,712	¢	15,228
2/3	Over(Glider) Necovery	Y	20,031	Ţ	20,000	Ţ	23,230	Ţ	25,712	Y	15,220
276	Wholesale Revenue Requirement	\$	1,408,104	\$	1,356,555	\$	1,382,970	\$	1,358,299	\$	1,474,284
277	Wholesale Revenue		1,897,627		1,897,627		1,897,627		1,897,627		1,897,627
278	Over(Under) Recovery	\$	489,522	\$	541,072	\$	514,657	\$	539,328	\$	423,343
279	Hydrants Revenue Requirement	\$	4,129	\$	4,052	\$	4,143	\$	4,126	\$	4,411
280	Hydrant Revenue		20,006		20,006		20,006		20,006		20,006
281	Over(Under) Recovery	\$	15,877	\$	15,954	\$	15,863	\$	15,880	\$	15,594
282	Total Revenue Requirement	\$	10,813,910	\$	10,594,764	\$	10,830,509	\$	10,772,627	\$	11,533,492
283	Minimum Bill Revenue	\$	3,829,155	\$	3,829,155	\$	3,829,155	\$	3,829,155	\$	3,829,155
284	Volumetric Revenue	•	5,613,569	•	5,613,569		5,613,569		5,613,569		5,613,569
285	W Capital Investment Fee		983,811		983,811		983,811		983,811		983,811
286	Total Revenue	\$		\$	10,426,536	\$	10,426,536	\$	10,426,536	\$	10,426,536
287	Total Over(Under) Recovery	\$	(387,374)	Ś	(168,228)	Ś	(403,973)	Ś	(346,091)	Ś	(1,106,956)
288	Cumulative Over(Under) Recovery	\$	(387,374)		(555,602)	_	(959,575)	_	(1,305,666)	_	(2,412,622)
200	Camarative Over(Olider) necovery	Ţ	(307,374)	Ţ	(333,002)	Ţ	(333,373)	ų	(1,303,000)	Ţ	(2,712,022)

		onder/ Ne	-		Voor 3		Vacu 2		Voor 4		Voor F
			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
1	Wastewater Revenue Requirement	\$	7,477,082	\$	8,364,531	\$	9,660,331	\$	9,923,312	\$	10,534,970
2	Billing Units										
3	Connection Count										
4	Inside City Limits		12,783		12,783		12,783		12,783		12,783
5	Outside City Limits		261		261		261		261		261
6	Subtotal		13,044		13,044		13,044		13,044		13,044
7	Wastewater Annual Billable Flow										
8	Inside City Limits		909,460		909,460		909,460		909,460		909,460
9	Outside City Limits		1,330		1,330		1,330		1,330		1,330
10	Subtotal		910,790		910,790		910,790		910,790		910,790
11	Minimum Bills										
12	Monthly Bill Charge										
13	Inside City Limits	\$	9.93	\$	9.93	\$	9.93	\$	9.93	\$	9.93
14	Outside City Limits	\$	12.41	\$	12.41	\$	12.41	\$	12.41	\$	12.41
15	Minimum Bill Revenue										
16	Sewer										
17	Inside City Limits	\$	1,523,237	\$	1,523,237	\$	1,523,237	\$	1,523,237	\$	1,523,237
18	Outside City Limits		38,858		38,858		38,858		38,858		38,858
19	Total Minimum Bill Revenue	\$	1,562,095	\$	1,562,095	\$	1,562,095	\$		\$	1,562,095
20	Minimum Bill Recovery		21%		19%		16%		16%		15%
21 22	Revenue Requirement to be Recovered from Volumetric Volumetric Revenue Requirement										
23	Rate per 1,000 gal - Sewer										
24	Inside City Limits	\$	3.29	\$	3.29	\$	3.29	\$	3.29	\$	3.29
25	Outside City Limits	\$	4.11		4.11		4.11		4.11		4.11
26	Volumetric Revenue - Sewer										
27	Inside City Limits	\$	2,992,123	Ś	2,992,123	Ś	2,992,123	Ś	2,992,123	Ś	2,992,123
28	Outside City Limits	*	5,471	7	5,471	7	5,471	*	5,471	7	5,471
29	Total Sewer Volumetric Revenue	\$	2,997,594	\$	2,997,594	\$	2,997,594	\$	2,997,594	\$	2,997,594
30	Wastewater Capital Investment Fee (per kgal)										
31	Inside City Limits	\$	2.53	\$	2.53	\$	2.53	\$	2.53	\$	2.53
32	Outside City Limits	\$	3.16		3.16		3.16		3.16		3.16
33	WCIF Revenue										
34	Inside City Limits	\$	2,300,934	Ś	2,300,934	Ś	2,300,934	Ś	2,300,934	Ś	2,300,934
35	Outside City Limits	*	4,207	7	4,207	~	4,207	~	4,207	Ψ.	4,207
36	Total	\$	2,305,141	\$	2,305,141	\$		\$	2,305,141	\$	2,305,141
37	Revenue Requirement	\$	7,477,082	\$	8,364,531	\$	9,660,331	\$	9,923,312	\$	10,534,970
38	Minimum Bill Revenue	\$	1,562,095	\$	1,562,095	\$	1,562,095	\$	1,562,095	\$	1,562,095
39	Volumetric Revenue		2,997,594		2,997,594		2,997,594		2,997,594		2,997,594
40	Capital Investment Fee		2,305,141		2,305,141		2,305,141		2,305,141		2,305,141
41	Total Revenue	\$	6,864,830	\$	6,864,830	\$	6,864,830	\$	6,864,830	\$	6,864,830
42	Total Over(Under) Recovery	Ś	(612,252)	\$	(1,499,701)	\$	(2,795,501)	\$	(3,058,482)	\$	(3,670,140)
43	Cumulative Over(Under) Recovery	\$	(612,252)		(2,111,953)		(4,907,455)		(7,965,937)		(11,636,077)

			Year 1 FY 2022	,	Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
1	Water Revenue Requirement	\$	10,813,910	\$	10,594,764	\$	10,830,509	\$	10,772,627	\$	11,533,492
2	Allocation										
3	Allocation to Base, Extra, Customer										
4	Base	\$	5,333,220	\$	5,140,826	\$	5,241,439	\$	5,150,123	\$	5,587,392
5	Extra Capacity		2,669,733		2,557,981		2,605,330		2,548,101		2,778,051
6 7	Customer	\$	2,810,957	\$	2,895,957	ċ	2,983,739	ċ	3,074,403	ċ	3,168,049
/	Total	\$	10,813,910	>	10,594,764	>	10,830,509	\$	10,772,627	>	11,533,492
8	Inside City Limits - Less than 3"										
9	Base	\$	3,431,522	\$	3,307,732	\$	3,372,468	\$	3,313,713	\$	3,595,063
10	Extra Capacity		2,104,982		2,016,870		2,054,203		2,009,080		2,190,387
11	Customer		2,749,571		2,832,714		2,918,579		3,007,263		3,098,864
12	Total	\$	8,286,075	\$	8,157,315	\$	8,345,251	\$	8,330,056	\$	8,884,314
13	Meters 3" or Greater										
14	Base	\$	600,176	Ś	578,525	Ś	589,848	Ś	579,571	Ś	628,780
15	Extra Capacity		352,178	•	337,436	Ċ	343,682		336,133		366,467
16	Customer		9,345		9,628		9,920		10,221		10,533
17	Total	\$	961,700	\$	925,589	\$	943,450	\$	925,926	\$	1,005,779
18	Outside City Limits		66.204		62.000		CE 254		64444		60.550
19 20	Base Extra Capacity	\$	66,394 40,231	\$	63,999 38,547	\$	65,251 39,261	\$	64,114 38,399	\$	69,558 41,864
21	Customer		47,277		48,706		50,183		51,708		53,283
22	Total	\$	153,902	Ś	151,252	Ś	154,695	Ś	154,221	Ś	164,704
		*		•		•	,	,	,	*	
23	Wholesale Total										
24	Base	\$	1,234,577	\$	1,190,040	\$	1,213,331	\$	1,192,193	\$	1,293,415
25	Extra Capacity		170,046		162,928		165,943		162,298		176,945
26	Customer		3,482	_	3,587	_	3,696	_	3,808	_	3,924
27	Total	\$	1,408,104	\$	1,356,555	>	1,382,970	\$	1,358,299	\$	1,474,284
28	Hydrants										
29	Base	\$	550	\$	531	\$	541	\$	532	\$	577
30	Extra Capacity		2,296		2,200		2,240		2,191		2,389
31	Customer		1,283		1,321		1,362		1,403		1,446
32	Total	\$	4,129	\$	4,052	\$	4,143	\$	4,126	\$	4,411
33	Billing Units										
34	Connection Count										
35 36	Inside City Limits - Less than 3" 5/8"		13,250		13,250		13,250		13,250		13,250
37	1"		1,454		1,454		1,454		1,454		1,454
38	1.5"		140		140		140		140		140
39	2"		161		161		161		161		161
40	Subtotal		15,005		15,005		15,005		15,005		15,005
41	Inside City - Greater than 3"										
42	3"		35		35		35		35		35
43	4" 6"		10 5		10		10		10		10
44 45	6 8"		1		5 1		5 1		5 1		5 1
46	Subtotal		51		51		51		51		51
47	Outside City Limits								-		
48	5/8"		212		212		212		212		212
49	1"		40		40		40		40		40
50	1.5"		2		2		2		2		2
51	2"		4		4		4		4		4
52	Subtotal		258		258		258		258		258
53	Wholesale										
54	BarDew		1		1		1		1		1
55	Strike Axe		3		3		3		3		3
56	Wash Co #2		5		5		5		5		5
57	Ochelata		2		2		2		2		2

	· ·	over/(onder)	Recovery at Pro	розс	o nates - wa	tei					
			Year 1		Year 2		Year 3		Year 4		Year 5
			FY 2022		FY 2023		FY 2024		FY 2025		FY 2026
58	RPWA (Ramona)		2		2		2		2		2
59	Osage		1		1		1		1		1
60	Dewey		3		3		3		3		3
61	Minnesota		1		1		1		1		1
62	Wash Co #5		1		1		1		1		1
63	Subtotal		19		19		19		19		19
64	Hydrants		7		7		7		7		7
0.	.,,		•		,		•		,		•
	Total Connections		15,340		15,340		15,340		15,340		15,340
					•		-		•		•
65	Minimum Bills										
65	Para de la constanta de la con		4.00								4.00
65	Proposed Rate Increase	\$	1.00	\$	-	\$	-	\$	-	\$	1.00
65	Inside City Limits										
66	<1"	\$	16.19	¢	16.19	¢	16.19	¢	16.19	¢	17.19
67	1"	Ÿ	40.48	Y	40.48	Ţ	40.48	Ţ	40.48	7	42.98
68	1.5"		80.95		80.95		80.95		80.95		85.95
69	2"		129.52		129.52		129.52		129.52		137.52
70	3"		242.85		242.85		242.85		242.85		257.85
71	4"		404.75		404.75		404.75		404.75		429.75
72	6"		809.50		809.50		809.50		809.50		859.50
73	8"		1,295.20		1,295.20		1,295.20		1,295.20		1,375.20
74	Outside City Limits										
75	< 1"	\$	20.24	\$	20.24	\$	20.24	\$	20.24	\$	21.49
76	1"		50.60		50.60		50.60		50.60		53.73
77	1.5"		101.19		101.19		101.19		101.19		107.44
78	2" 3"		161.90		161.90		161.90		161.90		171.90
79 80	3 4"		303.56 505.94		303.56 505.94		303.56 505.94		303.56 505.94		322.31 537.19
81	6"		1,011.88		1,011.88		1,011.88		1,011.88		1,074.38
82	8"		1,619.00		1,619.00		1,619.00		1,619.00		1,719.00
83	Wholesale		1,015.00		1,015.00		1,015.00		1,015.00		1,715.00
84	Dewey	\$	-	\$	-	\$	_	\$	-	\$	-
85	Washington Co. #5	·	501.89	·	501.89		501.89		501.89	·	532.89
86	Minnesota Water Charge		80.95		80.95		80.95		80.95		85.95
87	2"		161.90		161.90		161.90		161.90		171.90
88	3"		303.56		303.56		303.56		303.56		322.31
89	4"		505.94		505.94		505.94		505.94		537.19
90	6"		1,011.88		1,011.88		1,011.88		1,011.88		1,074.38
91	8"		1,619.00		1,619.00		1,619.00		1,619.00		1,719.00
92	Minimum Bill Revenue										
92	Willimin Bill Revenue										
93	Inside City Limits - Less than 3"										
94	5/8"	\$	2,574,210	Ś	2,574,210	Ś	2,574,210	Ś	2,574,210	Ś	2,733,210
95	1"	·	706,301	·	706,301		706,301		706,301	·	749,927
96	1.5"		135,996		135,996		135,996		135,996		144,396
97	2"		250,233		250,233		250,233		250,233		265,689
98	Subtotal	\$	3,666,739	\$	3,666,739	\$	3,666,739	\$	3,666,739	\$	3,893,221
99	Inside City - Greater than 3"										
100	3"	\$	101,997	\$	101,997	\$	101,997	\$	101,997	\$	108,297
101	4"		48,570		48,570		48,570		48,570		51,570
102	6"		48,570		48,570		48,570		48,570		51,570
103	8" Subtotal	-	15,542	ċ	15,542	<u>,</u>	15,542	ċ	15,542	ć	16,502
104 105	Subtotal Outside City Limits	\$	214,679	Þ	214,679	Ş	214,679	Ş	214,679	Þ	227,939
105	5/8"	\$	51,484	\$	51,484	¢	51,484	ς.	51,484	\$	54,664
107	3/8 1"	Ą	24,288	7	24,288	ڔ	24,288	Y	24,288	Y	25,788
108	1.5"		2,429		2,429		2,429		2,429		2,579
109	2"		7,771		7,771		7,771		7,771		8,251
110	Subtotal	\$	85,972	\$	85,972	\$	85,972	\$	85,972	\$	91,282
111	Wholesale										
112	BarDew	\$	1,943	\$	1,943	\$	1,943	\$	1,943	\$	2,063
113	Strike Axe		9,228		9,228		9,228		9,228		9,798

			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
114	Wash Co #2		43,713		43,713		43,713		43,713		46,413
115	Ochelata		9,714		9,714		9,714		9,714		10,314
116	RPWA		15,785		15,785		15,785		15,785		16,760
117	Osage		6,071		6,071		6,071		6,071		6,446
118	Dewey		-		-		-		-		-
119	Minnesota		971		971		971		971		1,031
120 121	Wash Co #5 Subtotal	\$	6,023 93,449	\$	6,023 93,449	\$	6,023 93,449	\$	6,023 93,449	\$	6,395 99,221
121	Subtotal	·				·	33,443	ب		·	33,221
122	Hydrants	\$	20,399	\$	20,399	\$	20,399	\$	20,399	\$	21,659
123	Total Minimum Bill Revenue	\$	4,081,239	\$	4,081,239	\$	4,081,239	\$	4,081,239	\$	4,333,323
124	Minimum Bill Recovery		38%		39%		38%		38%		38%
125	Revenue Requirement to be Recovered by Volumetr	ic Char	ges								
126	Revenue to be Recovered from Volumetric Charge										
127	Inside City Limits - Less Than 3"	\$	4,619,336	\$	4,490,576	\$	4,678,512	\$	4,663,317	\$	4,991,093
128	Inside City Limits - > 3"		747,020		710,910		728,770		711,246		777,840
129	Outside City Limits		67,930		65,280		68,723		68,248		73,422
130	Total Wholesale		1,314,656		1,263,106		1,289,522		1,264,850		1,375,063
131	Hydrants		(16,271)		(16,348)		(16,257)		(16,274)		(17,248)
132	Total Revenue Requirement		6,732,671		6,513,525		6,749,270		6,691,388		7,200,169
133	Volumetric Rates										
134	Proposed Rate Increase	\$	0.25	\$	-	\$	-	\$	-	\$	0.25
135	Inside City Limits - Less Than 3" (per 1000 gals)										
136	0-2000 gallons	\$	_	\$	-	\$	_	\$	_	\$	-
137	2001-10000 gallons	•	4.52	·	4.52		4.52		4.52		4.77
138	10001-25000 gallons		4.98		4.98		4.98		4.98		5.25
139	25001-50000 gallons		5.42		5.42		5.42		5.42		5.72
140	>50000 gallons		5.88		5.88		5.88		5.88		6.20
141	Outside City Limits										
142	0-2000 gallons	\$	-	\$	-	\$	-	\$	-	\$	-
143	2001-10000 gallons		5.65		5.65		5.65		5.65		5.96
144	10001-25000 gallons		6.22		6.22		6.22		6.22		6.56
145	25001-50000 gallons		6.78		6.78		6.78		6.78		7.15
146	>50000 gallons		7.34		7.34		7.34		7.34		7.75
147	Proposed Rate Increase	\$	0.25	\$	-	\$	-	\$	-	\$	0.25
148	Inside City Limits - Greater Than 3" (per 1000 gals)										
149	0-2000 gallons	\$	_	\$	_	\$	_	\$	_	\$	_
150	> 2000 gallons	,	4.52	,	4.52	,	4.52	,	4.52	•	4.77
151	Outside City Limits - Greater Than 3" (per 1000 gals)										
152	0-2000 gallons	\$	-	\$	-	\$	-	\$	-	\$	-
153	> 2000 gallons		5.65		5.65		5.65		5.65		5.96
154	Proposed Rate Increase	\$	0.25	\$	-	\$	-	\$	-	\$	0.25
155	Wholesale										
156	Dewey (per 1000 gals)	\$	3.32	\$	3.32	\$	3.32	\$	3.32	\$	3.32
157	Districts										
158	0-2000 gallons	\$	-	\$	-	\$	-	\$	-	\$	-
159	> 2000 gallons		5.60		5.60		5.60		5.60		5.91
160	Minnesota										
161	0-2000 gallons	\$	-	\$	-	\$	-	\$	-	\$	-
162	2001-10000 gallons		4.52		4.52		4.52		4.52		4.77
163	10001-25000 gallons		4.98		4.98		4.98		4.98		5.25
164	25001-50000 gallons		5.42		5.42		5.42		5.42		5.72
165	>50000 gallons		5.88		5.88		5.88		5.88		6.20

			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
166	Other										
167	0-2000 gallons	\$	-	\$	-	\$	-	\$		\$	-
168	> 2000 gallons		5.65		5.65		5.65		5.65		5.9
169	Volumetric Consumption										
170	Water Consumption (1,000 gals)										
171	Inside City Limits < 3"		1,054,842		1,054,842		1,054,842		1,054,842		1,054,84
172	Inside City Limits - Greater 3"		184,493		184,493		184,493		184,493		184,49
173	Outside City Limits		20,409		20,409		20,409		20,409		20,40
174	BarDew		2,776		2,776		2,776		2,776		2,77
175	Strike Axe		22,206		22,206		22,206		22,206		22,20
176	Wash Co #2		74,578		74,578		74,578		74,578		74,5
177	Ochelata		21,050		21,050		21,050		21,050		21,0
178	RPWA		67,934		67,934		67,934		67,934		67,93
179	Osage		22,749		22,749		22,749		22,749		22,74
180	Dewey		163,999		163,999		163,999		163,999		163,99
181	Minnesota		3,618		3,618		3,618		3,618		3,63
182	Wash Co #5		598		598		598		598		5!
183	Hydrants		169		169		169		169		1
184	Total Volume Billed		1,639,420		1,639,420		1,639,420		1,639,420		1,639,4
185	Annual Volumetric Revenue										
186	Inside City Limits - Less Than 3" (per 1000 gals)										
187	0-2000 gallons	\$	-	\$	-	\$	-	\$	-	\$	-
188	2001-10000 gallons		3,194,484		3,194,484		3,194,484		3,194,484		3,371,1
189	10001-25000 gallons		367,349		367,349		367,349		367,349		387,6
190	25001-50000 gallons		-		-		-		-		-
191	>50000 gallons		-		-		-		-		
192	Total	\$	3,561,833	\$	3,561,833	\$	3,561,833	\$	3,561,833	\$	3,758,8
193	Inside City Limits - Greater Than 3" (per 1000 gals)										
194	0-2000 gallons	\$	-	\$	-	\$	-	\$	-	\$	-
195	> 2000 gallons		617,092		617,092		617,092		617,092		651,2
196	Total	\$	617,092	\$	617,092	\$	617,092	\$	617,092	\$	651,2
197	Outside City Limits										
198	0-2000 gallons		-		-		-		-		-
199	2001-10000 gallons		87,637		87,637		87,637		87,637		92,4
200	10001-25000 gallons		-		-		-		-		-
201	25001-50000 gallons		-		-		-		-		-
202	>50000 gallons		-		-		-		-		-
203	Total	\$	87,637	\$	87,637	\$	87,637	\$	87,637	\$	92,4
204	Wholesale										
205	Dewey (per 1000 gals)		544,476		544,476		544,476		544,476		544,4
206	Districts										
207	0-2000 gallons		-		-		-		-		-
208	> 2000 gallons		3,017		3,017		3,017		3,017		3,1
209	Minnesota										
210	0-2000 gallons		-		-		-		-		-
211	2001-10000 gallons		2,780		2,780		2,780		2,780		2,9
212	10001-25000 gallons		5,580		5,580		5,580		5,580		5,8
213	25001-50000 gallons		10,197		10,197		10,197		10,197		10,7
214	>50000 gallons		2,551		2,551		2,551		2,551		2,6
215	Other										
216	0-2000 gallons		-		-		-		-		-
217	> 2000 gallons		1,074,417	ć	1,074,417		1,074,417	<u>,</u>	1,074,417	ć	1,133,8
218	Total	\$	1,643,018	\$	1,643,018	>	1,643,018	>	1,643,018	\$	1,703,7
219	Hydrant 0, 2000 pallage			ć		,		ć		ć	
220	0-2000 gallons	\$	-	\$	-	\$	-	\$		\$	-
221	> 2000 gallons	_	765	<u></u>	765		765	<u>,</u>	765	<u>,</u>	8
222	Total	\$	765	\$	765	\$	765	\$	765	\$	8
223	Total Volumetric Revenue	\$	5,910,345	Ċ	5,910,345	ċ	5,910,345	¢	5,910,345	ċ	6,207,1

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Over/(Under) Recovery at Proposed Rates - Water

224			EV 2022		T1/ 0000				Year 4		Year 5
224			FY 2022		FY 2023		FY 2024		FY 2025		FY 2026
224	Water 6 - 2 Harrison										
	Water Capital Investment Fee										
225	Proposed Rate Increase	\$	0.10	\$	-	\$	-	\$	-	\$	0.10
226	Inside City Limits	\$	0.95	\$	0.95	\$	0.95	\$	0.95	\$	1.05
227	Outside City Limits	\$	1.19	\$	1.19	\$	1.19	\$	1.19	\$	1.31
228	Dewey	\$	-	\$	-	\$	-	\$	-	\$	-
229	Districts	\$	1.18	\$	1.18	\$	1.18	\$	1.18	\$	1.30
230	Minnesota	\$	0.95	\$	0.95	\$	0.95	\$	0.95	\$	1.05
231	Wholesale (Other)	\$	1.19	\$	1.19	\$	1.19	\$	1.19	\$	1.31
232	Water Capital Investment Revenue										
233	Inside City Limits - Less than 3"	\$	659,986	\$	659,986	\$	659,986	\$	659,986	\$	729,458
234	Inside City Limits - Greater than 3"		166,505		166,505		166,505		166,505		184,032
235	Outside City Limits		18,419		18,419		18,419		18,419		20,358
236	BarDew		3,268		3,268		3,268		3,268		3,612
237	Strike Axe		26,284		26,284		26,284		26,284		29,050
238	Wash Co #2		88,418		88,418		88,418		88,418		97,725
239	Ochelata		24,940		24,940		24,940		24,940		27,565
240	RPWA		80,615		80,615		80,615		80,615		89,100
241	Osage		26,986		26,986		26,986		26,986		29,826
242	Dewey		-		-		-		-		-
243	Minnesota		3,300		3,300		3,300		3,300		3,647
244	Wash Co #5		676		676		676		676		747
245	Hydrants		161		161		161		161		178
246	Total	\$	1,099,557	\$	1,099,557	\$	1,099,557	\$	1,099,557	\$	1,215,299
247	Over(Under) Recovery										
248	Inside City Limits Revenue (< 3") Requirement	\$	8,286,075	\$	8,157,315	\$	8,345,251	\$	8,330,056	\$	8,884,314
249	Inside City Limits Revenue		7,888,559		7,888,559		7,888,559		7,888,559		8,381,504
250	Over(Under) Recovery	\$	(397,516)	\$	(268,757)	\$	(456,692)	\$	(441,498)	\$	(502,809)
251	Inside City Limits Revenue (> 3") Requirement	\$	961,700	\$	925,589	\$	943,450	\$	925,926	\$	1,005,779
252	Inside City Limits Revenue		998,276		998,276		998,276		998,276		1,063,194
253	Over(Under) Recovery	\$	36,576	\$	72,686	\$	54,826	\$	72,350	\$	57,415
254	Outside City Limits Revenue Requirement	\$	153,902	\$	151,252	\$	154,695	\$	154,221	\$	164,704
255	Outside City Limits Revenue		192,029		192,029		192,029		192,029		204,125
256	Over(Under) Recovery	\$	38,127	\$	40,776	\$	37,334	\$	37,808	\$	39,421
257	Wholesale Revenue Requirement	\$	1,408,104	\$	1,356,555	\$	1,382,970	\$	1,358,299	\$	1,474,284
258	Wholesale Revenue	•	1,990,952		1,990,952		1,990,952		1,990,952		2,084,272
259	Over(Under) Recovery	\$	582,847	\$	634,397	\$	607,982	\$	632,653	\$	609,988
260	Hydrants Revenue Requirement	\$	4,129	\$	4,052	\$	4,143	\$	4,126	\$	4,411
261	Hydrant Revenue	+	21,325	-	21,325	-	21,325	•	21,325	•	22,644
262	Over(Under) Recovery		17,196		17,273		17,182		17,199		18,233
263	Total Revenue Requirement	\$	10,813,910	\$	10,594,764	\$	10,830,509	\$	10,772,627	\$	11,533,492
264	Minimum Bill Revenue	\$	4,081,239	\$	4,081,239	\$	4,081,239	\$	4,081,239	\$	4,333,323
	Volumetric Revenue	•	5,910,345		5,910,345		5,910,345	•	5,910,345		6,207,117
265	W Capital Investment Fee		1,099,557		1,099,557		1,099,557		1,099,557		1,215,299
265 266	W Capital investment ree										. ,
	Total Revenue	\$	11,091,140	\$	11,091,140	\$	11,091,140	\$	11,091,140	\$	11,755,740
266	•	\$ \$	11,091,140 277,230	·	11,091,140 496,377		11,091,140 260,631		11,091,140 318,513		11,755,740 222,248

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Over/(Under) Recovery at Proposed Rates - Wastewater

			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
1	Wastewater Revenue Requirement	\$	7,477,082	\$	8,364,531	\$	9,660,331	\$	9,923,312	\$	10,534,970
2	Billing Units										
3	Connection Count										
4	Inside City Limits		12,783		12,783		12,783		12,783		12,783
5	Outside City Limits		261		261		261		261		261
6	Subtotal		13,044		13,044		13,044		13,044		13,044
7	Wastewater Annual Billable Flow										
8	Inside City Limits		909,460		909,460		909,460		909,460		909,460
9	Outside City Limits		1,330		1,330		1,330		1,330		1,330
10	Subtotal		910,790		910,790		910,790		910,790		910,790
11	Minimum Bills										
12	Proposed Rate Increase		2.00		2.00		2.00	_	2.00		2.00
13 14	Inside City Limits Outside City Limits	\$	2.00 2.50		2.00 2.50		2.00 2.50		2.00 2.50		2.00 2.50
14	Outside City Limits	Ş	2.50	Ş	2.50	Ş	2.30	Ş	2.50	Ş	2.50
15	Monthly Bill Charge										
16	Inside City Limits	\$		\$	13.93		15.93		17.93		19.93
17	Outside City Limits	\$	14.91	\$	17.41	\$	19.91	\$	22.41	\$	24.91
18	Minimum Bill Revenue										
19	Sewer										
20	Inside City Limits	\$	1,830,031	\$	2,136,826	\$	2,443,621	\$	2,750,416	\$	3,057,211
21 22	Outside City Limits Total Minimum Bill Revenue	\$	46,684 1,876,716	\$	54,511 2,191,337	\$	62,337 2,505,958	\$	70,164 2,820,580	\$	77,990 3,135,201
					, ,	•		•			
23	Minimum Bill Recovery		25%		26%		26%		28%		30%
24 25	Revenue Requirement to be Recovered from Volur Volumetric Revenue Requirement	netric									
26 27	Proposed Rate Increase Inside City Limits	\$	0.20	\$	0.20	ċ	0.20	ċ	0.20	\$	0.20
28	Outside City Limits	\$	0.25		0.25		0.25		0.25		0.25
29	Rate per 1,000 gal - Sewer										
30	Inside City Limits	\$	3.49	\$	3.69	\$	3.89	\$	4.09	\$	4.29
31	Outside City Limits	\$	4.36	\$	4.61	\$	4.86	\$	5.11	\$	5.36
32	Volumetric Revenue - Sewer										
33	Inside City Limits	\$	3,174,015	\$	3,355,907	\$	3,537,799	\$	3,719,691	\$	3,901,583
34	Outside City Limits		5,803		6,136		6,469		6,801		7,134
35	Total Sewer Volumetric Revenue	\$	3,179,819	\$	3,362,043	\$	3,544,268	\$	3,726,492	\$	3,908,717
36	Wastewater Capital Investment Fee (per kgal)										
37	Proposed Rate Increase							_			
38 39	Inside City Limits Outside City Limits	\$ \$	-								
40 41	Inside City Limits Outside City Limits	\$ \$	2.53 3.16	\$ \$	2.53 3.16		2.53 3.16		2.53 3.16		2.53 3.16
42 43	WCIF Revenue Inside City Limits	\$	2,300,934	ė	2,300,934	ć	2 200 024	ċ	2,300,934	ċ	2,300,934
43 44	Outside City Limits	Ş	4,207	Ş	4,207	Ş	2,300,934 4,207	Ş	4,207	Ş	4,207
45	Total	\$	2,305,141	\$	2,305,141	\$	2,305,141	\$	2,305,141	\$	2,305,141
46	Revenue Requirement	\$	7,477,082	\$	8,364,531	\$	9,660,331	\$	9,923,312	\$	10,534,970
47	Minimum Bill Revenue	\$	1,876,716	ς.	2,191,337	\$	2,505,958	ς.	2,820,580	ς .	3,135,201
48	Volumetric Revenue	Y	3,179,819	Y	3,362,043	Y	3,544,268	Y	3,726,492	7	3,908,717
49	Capital Investment Fee	_	2,305,141		2,305,141		2,305,141		2,305,141		2,305,141
50	Total Revenue	\$	7,361,676	\$	7,858,521	\$	8,355,367	\$	8,852,213	\$	9,349,059
51	Total Over(Under) Recovery	\$	(115,406)	s	(506,010)	Ś	(1,304,964)	Ś	(1,071,099)	Ś	(1,185,911)
52	Cumulative Over(Under) Recovery	\$	(115,406)		(621,416)		(1,926,379)		(2,997,478)		(4,183,389)

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Proposed Reserves

			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
			F1 2022		FT 2023		FT 2024		F1 2023		FT 2020
1	Water Operating Reserve										
2	Beginning Balance	\$	_	\$	943,688	\$	1,718,460	\$	2,325,233	\$	2,743,457
3	Additions:	Ψ.		Ψ.	3 .5,555	Ψ.	2,7 20, 100	Ψ	2,020,200	Ψ.	2,7 .0, .07
4	Interest Earnings	\$	-	\$	9,437	\$	17,185	\$	23,252	\$	27,435
5	Minimum Bill Revenues	· ·	4,081,239		4,081,239	Ċ	4,081,239	•	4,081,239		4,333,323
6	Volumetric Revenues		5,910,345		5,910,345		5,910,345		5,910,345		6,207,117
7	Misc Revenues		259,932		259,932		259,932		259,932		259,932
8	Total Additions	\$	10,251,516	\$	10,260,953	\$	10,268,700	\$	10,274,768	\$	10,827,807
9	Reductions:	·	, ,	·	, ,	·	, ,	·		·	, ,
.0	Operating Expenses	\$	9,307,828	\$	9,486,181	\$	9,661,926	\$	9,856,544	\$	9,834,910
.1	Operating Reserve Ending Balance	\$	943,688	\$	1,718,460	\$	2,325,233	\$	2,743,457	\$	3,736,354
.2	Water Capital Reserve										
2	Do to to Dalous		4 000 000		242 542		70.040		(250.450)		/225.545
.3	Beginning Balance	\$	1,000,000	\$	343,542	\$	78,019	\$	(250,158)	\$	(326,616
4	Additions:	<u>,</u>	40.000	_	2 42=	4	700	,		,	
5	Interest Earnings	\$	10,000	\$	3,435	\$	780	\$	4 000 557	\$	-
.6	Water CIF Revenue	\$	1,099,557	\$	1,099,557	\$	1,099,557	\$	1,099,557	\$	1,215,299
.7	Total Additions	\$	1,109,557	\$	1,102,992	\$	1,100,337	\$	1,099,557	\$	1,215,299
8	Reductions:	<u>,</u>	1 222 500	ċ	025 000	ć	005 000	,	622 500	,	1 445 000
9	Capital Projects	\$	1,222,500	\$	825,000	\$	885,000	\$	632,500	\$	1,415,000
0	Debt from Capital	\$	543,515	\$	543,515	\$	543,515	\$	543,515	\$	543,515
1	Total Reductions	\$	1,766,015	\$	1,368,515	\$	1,428,515	\$	1,176,015	\$	1,958,515
2	Capital Reserve Ending Balance	\$	343,542	\$	78,019	\$	(250,158)	Ş	(326,616)	Ş	(1,069,832
3	Total Water Ending Balance	\$	1,287,230	\$	1,796,479	\$	2,075,075	\$	2,416,841	\$	2,666,523
4	Wastewater Operating Reserve										
_										_	
25	Beginning Balance	\$	-	\$	309,453	\$	1,005,799	\$	2,090,154	\$	3,591,166
6	Additions:										
7	Interest Earnings	\$		\$	-	\$	10,058	\$	20,902	\$	35,912
8	Minimum Bill Revenues		1,876,716		2,191,337		2,505,958		2,820,580		3,135,201
9	Volumetric Revenues		3,179,819		3,362,043		3,544,268		3,726,492		3,908,717
0	Misc Revenues		174,607		174,607		174,607		174,607		174,607
1	Total Additions	\$	5,231,142	\$	5,731,082	\$	6,234,891	\$	6,742,581	\$	7,254,437
2	Reductions:						_				
3	Operating Expenses	\$	4,921,689		5,034,737		5,150,536		5,241,569		5,363,227
ļ	Operating Reserve Ending Balance	\$	309,453	\$	1,005,799	Ş	2,090,154	\$	3,591,166	\$	5,482,376
5	Wastewater Capital Reserve										
6	Beginning Balance	\$	5,800,000	\$	5,433,141	\$	4,288,211	\$	1,951,833	\$	(579,858)
7	Additions:	7	2,230,000	7	2, .00,212	7	.,_55,1	7	_,_0,	7	(= , 5,000
8	Interest Earnings	\$	58,000	Ś	54,331	Ś	42,882	Ś	19,518	Ś	_
9	Wastewater CIF Revenue	Ψ.	2,305,141	7	2,305,141	7	2,305,141	7	2,305,141	7	2,305,141
0	Total Additions	\$	2,363,141	Ś	2,359,472	Ś	2,348,023	Ś	2,324,659	\$	2,305,141
1	Reductions:	Ψ.	_,000,1-1	7	_,000,172	7	2,5 10,025	7	_,52-1,655	7	_,505,171
2	Capital Projects	\$	2,730,000	Ś	850,000	Ś	2,030,000	Ś	565,000	Ś	1,055,000
3	Debt from Capital	Y	_,, 55,555	7	2,654,402	7	2,654,402	Y	4,291,350	7	4,291,350
4	Total Reductions	\$	2,730,000	\$	3,504,402	Ś	4,684,402	\$	4,291,330	\$	5,346,350
+ 5	Capital Reserve Ending Balance	۰ \$	5,433,141		4,288,211		1,951,833		(5 79,858)		(3,621,068
,	capital neserve Lilaling Dalaine	ş	J,4JJ,141	ب	7,200,211	٠	1,331,033	ب	(373,636)	٠	(3,021,000
46	Total Wastewater Ending Balance	\$	5,742,594	\$	5,294,010	\$	4,041,987	\$	3,011,307	\$	1,861,308







TAB B. MUNICIPAL SOLID WASTE

MARCH 2022

WATER, WASTEWATER, AND
MUNICIPAL SOLID WASTE
COST OF SERVICE AND RATE DESIGN STUDY



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Section 1 INTRODUCTION

In February of 2021, the City of Bartlesville (City) retained NewGen Strategies and Solutions, LLC (NewGen), to conduct a Municipal Solid Waste Cost of Service and Rate Design Study (Study or Report) for the Solid Waste Utility (Utility). The purpose of this Report is to determine the cost of providing solid waste services, equitably distribute the costs to the appropriate customer classes, and design rates to safeguard the financial integrity of the utility.

This section of the Report describes the solid waste services provided by the City of Bartlesville. For each of these services (also called service categories), NewGen identified a cost of providing each of these services.

Background

The City of Bartlesville's Solid Waste Utility (Utility) currently provides solid waste collection services to approximately 13,330 households, as well as services commercial refuse customers via roll-off, rear-load, and cart collection.

The Solid Waste Services Division (Division) is a self-supporting enterprise fund and revenues are derived primarily from solid waste user fees. This revenue must adequately fund operations, debt service (when applicable), and capital improvements, and must furthermore meet reserve fund requirements.

Current Solid Waste Services and Rates

Solid waste services provided by the City include the following:

Residential Cart Service

Residential services provided by the City include weekly residential refuse cart collection serviced via automated collection vehicles. The City provides one 96-gallon cart to every residential property with cart service in the City at a current rate of \$15.50 per month. Residential customers can also opt for a different capacity or additional carts as listed in Table 1-1. As part of this monthly user fee, all residents receive:

- Once per week refuse (garbage) collection
- Two yard waste collections per year
- Annual coupon for one free trip to the landfill
- Access to the City's drop-off recycling center



Table 1-1
Residential Cart Service

Cart Capacity	Rates
96 gallons	\$15.50
64 gallons	\$13.50
32 gallons	\$11.50
Additional Cart Fee	\$5.00

Commercial Cart Service

The City offers a separate cart collection service for commercial customers. Commercial customers can opt for up to three 96-gallon carts collected 1-3 times per week. The current rates are listed in Table 1-2.

Table 1-2
Commercial Cart Service

Co	Collection Frequency										
Number of Carts 1 2 3											
1	\$15.50	\$31.00	\$46.50								
2	\$20.50	\$41.00	\$61.50								
3	\$25.50	\$51.00	\$76.50								

The current commercial cart service rates are based on the number of carts and the frequency of collection. For example, a customer with one cart that is collected once per week is charged \$15.50 per month, while a customer with three carts that is collected twice per week is charged \$51.00 per month.

Commercial Rear-Load Refuse

The City also offers rear-load refuse collection service for commercial customers. Customers can choose either a two or three cubic yard container, to be serviced up to six times per week. The current rates for service are shown in the rate matrix in Table 1-3.

Table 1-3 Commercial Rear-Load Refuse

Collection Frequency											
Container Size (CY)	1	2	3	4	5	6					
2	\$62.00	\$97.00	\$146.00	\$194.00	\$243.00	\$291.00					
3	\$82.00	\$105.00	\$158.00	\$211.00	\$263.00	\$316.00					

The current monthly rear-load rates are based on the size of the container and frequency of collection. For example, a customer with a two cubic yard container that is collected once per week is charged \$62.00 per month, while a customer that has a three cubic yard container collected three times per week is charged \$158.00 per month.

Commercial Roll-Off Refuse

Additionally, the City provides compactors and roll-off collection for commercial customers. The fee schedule is identified in Table 1-4.

Table 1-4 Roll-Off Rates

Service	Rates
Standard Roll-Off	\$148.00
Compactor	\$215.00
Daily Rental Fee	\$10.00

Project Approach

The goal of a cost of service and rate design study is to determine the solid waste fees required to adequately recover the costs of providing services. NewGen developed a series of key tasks that provided the foundation for the conduct of the Study. The methodology is discussed in Section 2 of this report. NewGen utilized the following sources of information regarding the City's current system and financial requirements.

Data Request

NewGen submitted a detailed data request to the City to collect historical and background information on operations and practices. The information requested included:

- Detailed Financial Reports and Budgets
- Solid Waste Policies and Ordinances
- Customer and Container Counts
- Personnel Rosters
- Solid Waste Tonnage Reports
- Fleet Inventory Operating Costs

Project Meetings

NewGen held a kickoff meeting with City staff to initiate the Study. This meeting served as a forum to confirm the scope of services, discuss the data already collected, and finalize the solid waste and recycling service categories to be analyzed in the cost of service analysis.

NewGen also held numerous meetings with the City staff throughout the course of the project to discuss, plan, and finalize the cost of service analysis.



Section 2 COST OF SERVICE ANALYSIS

This section describes the tasks involved in conducting the solid waste cost of service analysis for the City. Before describing each of the tasks in detail, NewGen has provided below a brief overview of the overall cost of service analysis methodology. This section of the Report also quantifies the cost of service based rates for solid waste services.

Methodology Overview

This overview provides the background necessary to understand how data compiled in each task provides the information required to determine the cost of service and fees required to recover the cost of service.

- **Development of the "Test Year"** The first task in conducting the cost of service analysis is the development of an annual revenue requirement for a Test Year. The revenue requirement represents the total revenue that the solid waste operation will need to recover during a year in order to fund all expenses incurred in providing solid waste services. NewGen worked with City staff to select a period (Fiscal Year (FY) 2021) that reflected the typical operation of the solid waste system.
- **Development of the Revenue Requirement Forecast** After developing the revenue requirement for the Test Year, NewGen worked with City staff to project changes in costs due to inflation, salary increases, new equipment, new customers, etc. This resulted in the five-year revenue requirement forecast. NewGen's cost of service and rate design forecast was focused on a five-year period (FY 2022 FY 2026).
- Allocation of Costs to Service Categories NewGen worked with City staff to assign and allocate costs to the appropriate service categories. The service categories represent the primary solid waste services provided by the City and are listed in this section of the report, titled Allocation of Costs to Service Categories.
- Allocation to Customer Classes NewGen grouped the service categories based on the customer classes that will recover each service categories' costs. The customer classes include residential customers, commercial dumpster and carts, and roll-off customers.
- **Determination of Billing Units** NewGen identified the appropriate billing units for each customer class. For example, the residential customer is charged per household, so the number of residential households was utilized as the billing units for this customer class.
- **Calculation of the Cost of Service** NewGen distributed the costs for each customer class across the appropriate number of billing units to determine the cost of service for each customer class.

Development of the Revenue Requirement

Selection of the Test Year

In developing the Test Year revenue requirement for the City, NewGen used the FY 2021 adopted budget as the basis for the Test Year. NewGen compared the FY 2021 adopted budget to historical expenses for FY 2018, FY 2019, and FY 2020. Through this comparison and with input from City staff, NewGen made



adjustments to ensure that the Test Year would reflect expenses that occur on a regular basis. All adjustments to the FY 2021 adopted budget made in developing the Test Year are detailed in Appendix, Schedule 1.

Development of the Revenue Requirement Forecast

In addition to developing the Test Year revenue requirement, NewGen forecast the annual revenue requirement for FY 2022 through FY 2026. In order to develop this forecast, NewGen projected how costs would change over the years due to a variety of different inflation factors. The assumptions used to develop the five-year forecast include the annual inflation factors shown in Table 2-1. These factors were developed based on NewGen's experience in the conduct of financial forecasts, along with input from City staff.

Table 2-1
Inflation Factors

Inflation Factor	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
General	2.10%	2.10%	2.10%	2.10%	2.10%
Salaries	5.00%	3.50%	3.50%	3.50%	3.50%
Benefits	5.00%	3.50%	3.50%	3.50%	3.50%
Fuel	3.00%	5.00%	5.00%	5.00%	5.00%
Vehicle Maintenance	3.00%	3.00%	3.00%	3.00%	3.00%
General Maintenance	3.00%	3.00%	3.00%	3.00%	3.00%
Capital Projects	5.00%	5.00%	5.00%	5.00%	5.00%
General Fund Transfer	4.00%	4.00%	4.00%	4.00%	4.00%
None	0.00%	0.00%	0.00%	0.00%	0.00%

Vehicle & Polycart Replacement

The revenue requirement incorporates funding for vehicle replacements scheduled to occur during the FY 2022 – FY 2026 forecast. Currently, the vehicles are funded via Pay-As-You-Go (PAYG) funding (i.e. paid with cash generated via user fees). The City should closely monitor the age of their fleet and assess whether the current PAYG amounts for vehicle replacement are sufficient. To the extent that funding should be increased to maintain the appropriate number of front-line and back-up vehicles, the proposed rates may need to be increased beyond NewGen's recommendations in Section 3.

Additional costs have also been included in the five-year revenue requirement to account for the purchase of polycarts in FY 2025 via PAYG funding.

Table 2-2 summarizes the annual PAYG funding forecasted for FY 2022 – FY 2026. A detailed replacement schedule for the five-year forecast is provided in Appendix, Schedule 2.

Table 2-2 PAYG Funding

	Year 1	Year 2	Year 3	Year 4	Year 5
	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
PAYG Funding	\$585,000	\$467,250	\$1,940,250	\$1,910,957	\$ -

Revenue Requirement

Table 2-3 shows the revenue requirement for the five-year forecast. The detailed composition of the forecast is provided in Appendix, Schedule 3.

Table 2-3
Solid Waste Revenue Requirement

	Year 1	Year 2	Year 3	Year 4	Year 5
	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Total Revenue Requirement	\$5,649,301	\$5,809,273	\$5,974,956	\$6,146,561	\$6,324,306

The City provides a wide variety of solid waste services to its customers. To determine the costs for each service, there is a need to allocate costs to service categories that represent the primary solid waste services provided. These categories were determined through a detailed series of discussions with City staff and are shown below.

- Residential Collection
 - Refuse Collection
 - Bulky Collection (Voucher Program)
- Commercial Collection
 - Dumpster
 - Roll-Off
- Street Sweeping
- Drop-Off Recycling
- Leaf Collection
- Household Hazardous Waste (HHW)
- Container Maintenance
- Disposal
- Roadside Cleanup
- Administration

Identification of the total costs for each service category was a critical step in determining adequate rates that reflect the cost of providing the various services. These costs were isolated by service category in order to fully recover the total revenue requirement by matching those customers that utilize the service with the actual cost for that service. Table 2-4 identifies the cost of providing each service for FY 2022 through FY 2026.

Table 2-4
Revenue Requirement by Service Category

Service Category	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Residential Collection ¹	\$845,429	\$862,796	\$880,789	\$899,432	\$918,750
Commercial Collection ²	\$1,370,303	\$1,407,625	\$1,446,265	\$1,486,272	\$1,527,693
Street Sweeping	\$254,166	\$259,408	\$264,843	\$270,477	\$276,318
Drop-Off Recycling	\$85,262	\$86,416	\$87,617	\$88,868	\$90,171
Leaf Collection	\$ -	\$ -	\$ -	\$ -	\$ -
Household Hazardous Waste (HHW)	\$ -	\$ -	\$ -	\$ -	\$ -
Container Maintenance	\$90,755	\$93,731	\$96,813	\$100,005	\$103,311
Disposal	\$860,692	\$878,810	\$897,308	\$916,194	\$935,478
Roadside Cleanup	\$64,672	\$66,652	\$68,706	\$70,836	\$73,046
Administration	\$2,078,022	\$2,153,837	\$2,232,616	\$2,314,477	\$2,399,540
Total Revenue Requirement ³	\$5,649,301	\$5,809,273	\$5,974,956	\$6,146,561	\$6,324,306

- 1. Includes refuse and bulky collection.
- 2. Includes commercial dumpster, cart, and roll-off collection.
- 3. Any minor arithmetic deviation is due to rounding.

Allocation to Customer Classes

After calculating the costs for each service category over the five-year period, NewGen allocated the costs for the various service categories to each respective customer class. This process identifies the appropriate customers to be charged for each service provided. Table 2-5 identifies how the service categories were grouped and the cost recovery basis for each service category.

Table 2-5
Recovery Basis for Service Categories

Service Category	Recovery Basis			
Residential Collection				
Refuse Collection	Residential Collection			
Bulky Collection	Residential Collection			
Commercial Collection				
Dumpster	Commercial Dumpsters and Carts			
Roll-Off	Commercial Roll-Off (Pull Rate)			
Street Sweeping	Distributed to all customer classes based on revenue requirement ¹			
Drop-Off Recycling	Residential Collection			
Leaf Collection	Distributed to all customer classes based on revenue requirement ¹			
Household Hazardous Waste (HHW)	Distributed to all customer classes based on revenue requirement ¹			
Container Maintenance	Distributed to all customer classes based on revenue requirement ¹			
Disposal	Distributed to all customer classes based on tons disposed by each class.			

Table 2-5
Recovery Basis for Service Categories

Service Category	Recovery Basis
Roadside Cleanup	Distributed to all customer classes based on revenue requirement ¹
Administration	Distributed to all customer classes based on revenue requirement ¹

^{1.} Costs are distributed proportionally based on the customer classes respective portion of the revenue requirement.

Determination of Billing Units

In order to calculate the appropriate rates, NewGen determined the number of annual billing units for the various customer classes. NewGen received billing data for each customer class from City staff and determined the cost of service by dividing the revenue requirement for each service category by the appropriate number of billing units. In general, billing unit forecasts were provided by City staff.

Residential Collection

In most cases, the number of households represents the most appropriate billing unit for the purposes of recovering the cost of service. The projected residential households for the five-year forecast are shown in Table 2-6.

Table 2-6
Residential Households

	Year 1	Year 2	Year 3	Year 4	Year 5
	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Residential Households	13,327	13,327	13,327	13,327	13,327

The customer growth projections shown in Table 2-7 assume 0.00% annual customer growth. These growth projections were developed by City staff based on historical customer growth patterns and are conservative.

Commercial Dumpster and Cart Collection

The City provides commercial customers with refuse collection via 96-gallon carts or dumpsters up to 3 cubic yards in size. The City bills these customers a monthly fee based upon the size of the container collected, the frequency of collection, and the number of containers. Therefore, the billing units for commercial rear-load collection consist of three components:

- Number of Containers: Used to recover administration and container maintenance/delivery costs
- Annual Collections: Used to recover the cost of collection operations
- Annual Disposal Capacity: Measured in cubic yards and used to recover disposal costs based on cubic yards (CY) of container capacity

Table 2-7 shows the projected billing units for the commercial rear-load customers. The projections were developed utilizing a 1.00% annual growth rate. The growth projections were developed by City staff based on historical customer growth patterns.

Table 2-7
Commercial Dumpsters and Carts Billing Units Forecast

Billing Units	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Commercial Dumpsters	798	806	814	822	831
Annual Dumpster Collections	105,990	107,050	108,120	109,201	110,293
Dumpster Disposal Capacity (CY)	282,755	285,582	288,438	291,322	294,236
Commercial Carts	504	509	514	519	524
Annual Cart Collections	69,003	69,693	70,389	71,093	71,804
Cart Disposal Capacity (CY)	35,385	35,739	36,097	36,458	36,822

Commercial Roll-off

The City also provides commercial customers with refuse and recycling collection via roll-off containers. The City charges these customers per collection (Pull).

Table 2-8 shows the projected billing units for commercial roll-off customers. To be conservative, the projections were developed utilizing a 0.00% annual growth rate.

Table 2-8
Commercial Roll-off Collection Billing Units Forecast

			_		
Billing Units	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Standard Roll-Off Pulls	1,800	1,800	1,800	1,800	1,800
Compactor Pulls	170	170	170	170	170
Recycling Pulls	700	700	700	700	700
Total Pulls	2,670	2,670	2,670	2,670	2,670

Disposal

Disposal units are based on the annual tons entering the landfill. the projected annual tons being disposed, by customer class, are shown in Table 2-9. The projections were developed based on the annual growth rate assigned to each collection service.

Table 2-9
Tonnage Forecast

		_			
	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Disposal Tonnage					
Residential	13,351	13,351	13,351	13,351	13,351
Commercial Dumpster	3,823	3,861	3,900	3,939	3,978
Commercial Roll-Off	8,575	8,661	8,747	8,835	8,923
Coupon Program	957	957	957	957	957
Total Disposal Tonnage ¹	26,705	26,829	26,954	27,081	27,209

^{1.} Any minor arithmetic deviation is due to rounding.

Calculation of the Cost of Service

NewGen determined the cost of service for each of the solid waste services provided by the City. It is important to note that the cost of service based rates are not necessarily the rates NewGen recommends be adopted by the City. In Section 3 of this report, NewGen provides its rate guidelines and recommendations based on the following factors: NewGen's cost of service analysis, the City's policies, and NewGen's solid waste rate experience.

Residential Collection Service

The total residential cart service revenue requirement for the five-year forecast is shown in Table 2-10. A detailed examination of the residential revenue requirement in each year of the forecast is provided in Appendix, Schedule 7.

The total residential revenue requirement includes:

- All direct costs identified in Table 2-4.
- A proportional share of the administration, street sweeping, and container maintenance costs (based on the percentage of the total revenue requirement the direct costs represent).
- A proportional share of disposal costs (based on the percentage of total tonnage residential collection service represents).

Table 2-10 shows the projected revenue requirement for residential customers.

Table 2-10 Residential Revenue Requirement

Service Category	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Residential Collection					
Refuse Collection	\$845,429	\$862,796	\$880,789	\$899,432	\$918,750
Bulky Collection (Voucher Program)	\$ -	\$ -	\$ -	\$ -	\$ -
Indirect Costs					
Street Sweeping	\$93,385	\$94,965	\$96,606	\$98,310	\$100,081
Leaf Collection	\$ -	\$ -	\$ -	\$ -	\$ -
Household Hazardous Waste (HHW)	\$ -	\$ -	\$ -	\$ -	\$ -
Container Maintenance	\$33,345	\$34,313	\$35,314	\$36,349	\$37,419
Roadside Cleanup	\$23,762	\$24,400	\$25,061	\$5,747	\$26,457
Administration	\$763,505	\$788,481	\$814,382	\$841,243	\$869,103
Disposal Costs	\$461,114	\$468,645	\$476,287	\$484,040	\$491,908
Total Revenue Requirement ¹	\$2,220,541	\$2,273,600	\$2,328,438	\$2,385,121	\$2,443,717

^{1.} Any minor arithmetic deviation is due to rounding.

The monthly cost of service for residential customers is shown in Table 2-11.

Table 2-11
Residential Monthly Cost of Service

Service Category	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
96 gallon cart					
1 cart	\$13.39	\$13.71	\$14.05	\$14.39	\$14.75
2 carts	\$15.78	\$16.14	\$16.51	\$16.90	\$17.30
3 carts	\$18.16	\$18.56	\$18.98	\$19.40	\$19.84
4 carts	\$20.55	\$20.99	\$21.44	\$21.91	\$22.39
5 carts	\$22.94	\$23.41	\$23.91	\$24.41	\$24.94
64 gallon cart					
1 cart	\$12.59	\$12.90	\$13.22	\$13.56	\$13.90
2 carts	\$14.18	\$14.52	\$14.87	\$15.23	\$15.60
3 carts	\$15.78	\$16.14	\$16.51	\$16.90	\$17.30
32 gallon cart					
1 cart	\$11.80	\$12.09	\$12.40	\$12.72	\$13.05
2 cart	\$12.59	\$12.90	\$13.22	\$13.56	\$13.90
Side Yard Handicap Can	\$13.39	\$13.71	\$14.05	\$14.39	\$14.75

^{1.} Any minor arithmetic deviation is due to rounding.

Drop-Off Recycling

The total drop-off recycling revenue requirement and cost of service for the five-year forecast is show in Table 2-12. The detail is provided in Appendix, Schedule 10.

The total drop-off recycling revenue requirement includes:

- All direct costs identified in Table 2-4.
- A proportional share of the administration, street sweeping, and container maintenance costs (based on the percentage of the total revenue requirement the represented by drop-off recycling).
- A proportional share of roll-off costs (based on the estimated number of recycling pulls per year).

Table 2-12
Drop-Off Recycling Cost of Service

Service Category	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Direct Cost					
Drop-Off Recycling	\$85,262	\$86,416	\$87,617	\$88,868	\$90,171
Indirect Costs					
Street Sweeping	\$9,418	\$9,511	\$9,610	\$9,713	\$9,822
Leaf Collection	\$ -	\$ -	\$ -	\$ -	\$ -
Household Hazardous Waste (HHW)	\$ -	\$ -	\$ -	\$ -	\$ -
Container Maintenance	3,363	3,437	3,513	3,591	3,672
Roadside Cleanup	2,396	2,444	2,493	2,544	2,597
Administration	77,000	78,972	81,011	83,118	85,298
Roll-Off Costs	\$205,182	\$211,497	\$218,043	\$224,826	\$231,855
Total Revenue Requirement	\$382,621	\$392,277	\$402,286	\$412,660	\$423,415
Annual Tons	502	502	502	502	502
Cost per Ton per Month	\$63.55	\$65.15	\$66.82	\$68.54	\$70.33
Number of Households	13,327	13,327	13,327	13,327	13,327
Cost per Household per Month	\$2.39	\$2.45	\$2.52	\$2.58	\$2.65

^{1.} Any minor arithmetic deviation is due to rounding.

Commercial Dumpsters and Carts

The total commercial dumpsters and carts revenue requirement and cost of service is shown in Table 2-13. The detail is provided in Appendix, Schedule 8. The total rear-load refuse revenue requirement includes:

- All direct costs identified in Table 2-4.
- A proportional share of the administration, street sweeping, and container maintenance costs (based on the percentage of the total revenue requirement of commercial dumpster and cart collection).

A proportional share of disposal costs (based on the percentage of total annual tonnage represented by commercial dumpster and cart collection).

Table 2-13
Commercial Dumpsters and Carts Cost of Service

Service Category	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Direct Costs					
Commercial Collection	\$1,053,447	\$1,082,462	\$1,112,499	\$1,143,597	\$1,175,792
Indirect Costs					
Street Sweeping	\$116,363	\$119,143	\$122,020	\$124,998	\$128,081
Leaf Collection	-	-	-	-	-
Household Hazardous Waste	-	-	-	-	-
Container Maintenance	41,550	43,049	44,604	46,216	47,887
Roadside Cleanup	29,608	30,612	31,654	32,736	33,859
Administration	951,365	989,227	1,028,622	1,069,611	1,112,254
Disposal Costs	276,367	283,689	291,198	298,898	306,794
Total Revenue Requirement	\$2,468,699	\$2,548,182	\$2,630,598	\$2,716,056	\$2,804,667
Billing Units ¹	3,031	3,062	3,092	3,123	3,154
Annual Collections	399,058	403,048	407,079	411,150	415,261
Annual Capacity	327,375	330,648	333,955	337,294	340,667
Container Cost	\$31.31	\$32.17	\$33.06	\$33.98	\$34.93
Cost per Collection	\$2.64	\$2.69	\$2.73	\$2.78	\$2.83
Disposal Cost per Cubic Yard	\$0.84	\$0.86	\$0.87	\$0.89	\$0.90

^{1.} A rear-load to cart collection factor of 3x is being utilized in order to create a normalizes container count across dumpsters and carts.

To determine the monthly cost of service for a refuse container, the different component costs should be summed as follows:

- Cost per Container: \$31.31 (in FY 2022) for commercial carts or \$93.92(in FY 2022) for dumpsters,
 PLUS
- Cost per Collection: \$2.64 (in FY 2022) times the number of collections per week, times 4.33¹, (times 3 for dumpsters), PLUS
- Cost per Cubic Yard of Capacity: \$0.84 (in FY 2022) times the capacity of the container times the number of collections per week, times 4.33.

The example below utilizes the components listed above to generate a monthly cost of service for a 2 CY dumpster collected 3 times per week.

¹ 52 weeks per year / 12 months = 4.33 weeks per month

Table 2-14
Example Monthly Cost of Service

Cost Component	Cost per Unit	Multiplier	Totals
Container Cost	\$31.31/container	1 container * 3	\$93.92 ¹
Collection Cost	\$2.64/collection	3 collections per week * 4.33 * 3	\$102.95 ¹
Disposal Cost	\$0.84/CY of capacity	2 CY container * 3 collections per week * 4.33	\$21.82 ¹
Monthly cost to serve 6 CY container	2 times per week	·	\$129.76 ²

Product may vary from total due to rounding. The rear-load rate matrix for each container size and collection frequency can be found in the Report in Appendix, Schedule 8.

Commercial Roll-Off

Table 2-15 lists the projected cost of service for commercial roll-customers for the five-year forecast. The detail is provided in Appendix, Schedule 9. The cost of service includes:

- All direct costs identified in Table 2-4.
- A proportional share of the administration, street sweeping, and container maintenance costs (based on the percentage of the total revenue requirement the direct costs represent).
- A proportional share of disposal costs (based on the percentage of the total annual tonnage represented by commercial roll-off service).

Table 2-15
Roll-Off Revenue Requirement and Cost per Pull

Service Category	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Direct Cost					
Collection	\$316,856	\$325,163	\$333,766	\$342,675	\$351,901
Indirect Cost					
Street Sweeping	\$35,000	\$35,790	\$36,608	\$37,455	\$38,333
Leaf Collection	\$ -	\$ -	\$ -	\$ -	\$ -
Household Hazardous Waste	\$ -	\$ -	\$ -	\$ -	\$ -
Container Maintenance	12,497	12,932	13,382	13,848	14,332
Roadside Cleanup	8,906	9,196	9,497	9,809	10,134
Administration	286,152	297,156	308,602	320,505	332,885
Disposal Costs	\$123,211	\$126,475	\$129,823	\$133,256	\$136,776
Total Revenue Requirement	\$782,621	\$806,712	\$831,677	\$857,549	\$884,362
Total Pulls	2,670	2,670	2,670	2,670	2,670
Cost per Pull	\$293.12	\$302.14	\$311.49	\$321.18	\$331.22

^{1.} Any minor arithmetic deviation is due to rounding.

^{2.} Total may vary slightly from commercial front-load cost of service due to rounding.

Disposal

The annual cost of service for disposal of all services is detailed in Table 2-16. The detail is provided in Appendix, Schedule 6.

Table 2-16
Disposal Cost of Service

Service Category	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Direct					
Total Disposal Cost of Service	\$860,692	\$878,810	\$897,308	\$916,194	\$935,478
Total Tonnage	26,705	26,829	26,954	27,081	27,209
Cost per Ton	\$32.23	\$32.76	\$33.29	\$33.83	\$34.38

Section 3 KEY FINDINGS AND RECOMMENDATIONS

This section provides NewGen's FY 2022 – FY 2026 rate guidelines and recommendations for the solid waste services provided by the City.

Revenue Reconciliation from Current Rates

Prior to considering any rate changes, it is beneficial to evaluate the revenue projected under the current rates for the five-year forecast. Table 3-1 shows the forecasted revenue recovery from current rates, which is projected to under-recover the revenue requirement by approximately \$1,128,300 in FY 2022.

Based on this projected under-recovery, it is critical that the City put in place a rate strategy that systematically addresses the City's primary solid waste user fee mechanisms. The following section provides NewGen's recommended approach regarding what rate increases should be made over the next five years, for all customer classes, to place the City on a path to secure financial sustainability.

Table 3-1
Revenue Recovery from Current Rates

	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Revenue Requirement	\$5,649,301	\$5,809,273	\$5,974,956	\$6,146,561	\$6,324,306
Revenue from Rates	\$4,521,001	\$4,536,015	\$4,551,846	\$4,567,835	\$4,583,983
Over/(Under) Recovery ¹	\$(1,128,300)	\$(1,273,258)	\$(1,423,110)	\$(1,578,726)	\$(1,740,323)
Cumulative Over/(Under) 1	\$(1,128,300)	\$(2,401,558)	\$(3,824,668)	\$(5,403,394)	\$(7,143,717)

^{1.} Any minor arithmetic deviation is due to rounding.

Rate Recommendations

Proposed Residential Rates

NewGen recommends the following residential rates as described in Table 3-2. The implementation of these proposed rates will minimize the Utility's overall under-recovery over the five-year forecast.



Table 3-2 Proposed Residential Rates

Cart Capacity	Current	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
96 gallons	\$15.50	\$17.00	\$18.00	\$19.00	\$20.00	\$20.00
64 gallons	\$13.50	\$15.00	\$16.00	\$17.00	\$18.00	\$18.00
32 gallons	\$11.50	\$13.00	\$14.00	\$15.00	\$16.00	\$16.00
\$ Increase	N/A	\$1.50	\$1.00	\$1.00	\$1.00	\$ -
Additional Cart Fee	\$5.00	\$7.00	\$9.00	\$9.00	\$9.00	\$9.00
\$ Increase	N/A	\$2.00	\$2.00	\$ -	\$ -	\$ -

Proposed Commercial Cart Service Rates

NewGen recommends the following commercial cart service rate increases for FY 2022 as described in Table 3-3. Please refer to Appendix, Schedule 12 for a detailed listing of commercial cart service rate increases for the five-year forecast.

Table 3-3
Proposed FY 2022 Commercial Cart Service Rates

Collection Frequency									
Number of Carts 1 2 3									
1	\$20.50	\$41.00	\$61.50						
2	\$25.50	\$51.00	\$76.50						
3	\$30.50	\$61.00	\$91.50						

NewGen recommends the following commercial cart service rate increase by \$2.00 per year for FY 2023-2025 as described in Table 3-4.

Table 3-4
Proposed Commercial Cart Service Rate

Rate Increase	FY 2023	FY 2024	FY 2025	FY 2026
Per month per cart	\$2.00	\$2.00	\$2.00	\$0.00

Table 3-5 shows the rates for all carts and collection frequencies in FY 2025. NewGen does not recommend a rate increase for FY 2026.

Table 3-5
Proposed FY 2025 Commercial Cart Service Rates

Collection Frequency								
Number of Carts 1 2 3								
1	\$26.50	\$53.00	\$79.50					
2	\$31.50	\$63.00	\$94.50					
3	\$36.50	\$73.00	\$109.50					

Proposed Commercial Container Service Rates

NewGen recommends a 30% increase in commercial container service rates for FY 2022 and a 10% increase in rates for FY 2023 – FY 2025. The recommended rates for FY 2022 – FY 2025 are detailed in Tables 3-6 through 3-9. NewGen does not recommend a rate increase in FY 2026. Please refer to Appendix, Schedule 12 for a detailed listing of commercial dumpster service rate increases for the five-year forecast.

Table 3-6
FY 2022 Commercial Container Service Rates

	Collection Frequency										
Container Size (CY) 1 2 3 4 5 6											
2	\$81.00	\$126.00	\$190.00	\$252.00	\$316.00	\$378.00					
3	\$107.00	\$137.00	\$205.00	\$274.00	\$342.00	\$411.00					

Table 3-7
FY 2023 Commercial Container Service Rates

	Collection Frequency									
Container Size (CY) 1 2 3 4 5 6										
2	\$89.00	\$139.00	\$209.00	\$277.00	\$348.00	\$416.00				
3	\$118.00	\$151.00	\$226.00	\$301.00	\$376.00	\$452.00				

Table 3-8
FY 2024 Commercial Container Service Rates

Collection Frequency										
Container Size (CY) 1 2 3 4 5 6										
2	\$98.00	\$153.00	\$230.00	\$305.00	\$383.00	\$458.00				
3	\$130.00	\$166.00	\$249.00	\$331.00	\$414.00	\$497.00				

Table 3-9
FY 2025 Commercial Container Service Rates

Collection Frequency										
Container Size (CY) 1 2 3 4 5 6										
2	\$108.00	\$168.00	\$253.00	\$336.00	\$421.00	\$504.00				
3	\$143.00	\$183.00	\$274.00	\$364.00	\$455.00	\$547.00				

Proposed Commercial Roll-Off Rates

Table 3-10 shows the proposed pull fees (i.e., pick-up fees) for standard roll-off and compactor collection.

Table 3-10
Proposed Commercial Roll-off Rates

	Current	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Standard Roll-Off	\$148.00	\$168.00	\$188.00	\$208.00	\$228.00	\$228.00
Compactor	\$215.00	\$235.00	\$255.00	\$275.00	\$295.00	\$295.00
\$ Increase	N/A	\$20.00	\$20.00	\$20.00	\$20.00	\$ -

New Gen does not propose increasing the daily rental fee for roll-off containers.

Revenue Recovery from Proposed Rates

Table 3-11 shows the forecasted revenue recovery from proposed rates, which will allow the City to realize a positive cash flow by FY 2024. Detail of the forecasted revenue recovery can be found in Appendix, Schedule 13.

Table 3-11
Revenue Recovery from Proposed Rates

	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Revenue Requirement	\$5,649,301	\$5,809,273	\$5,974,956	\$6,146,561	\$6,324,306
Revenue from Rates	\$5,309,864	\$5,793,060	\$6,225,425	\$6,681,148	\$6,708,226
Over/(Under) Recovery ¹	\$(339,437)	\$(16,213)	\$250,469	\$534,587	\$383,920
Cumulative Over/(Under) 1	\$(339,437)	\$(355,650)	\$(105,181)	\$429,406	\$813,326

^{1.} Any minor arithmetic deviation is due to rounding.



Appendix COST OF SERVICE SCHEDULES

List of Schedules

Schedule 1: Test Year (FY 2021)

Schedule 2: Capital Improvement Plan

Schedule 3: Five-Year Revenue Requirement

Schedule 4: Five-Year Revenue Requirement Summary

Schedule 5: Indirect Cost Allocations Schedule 6: Disposal Cost of Service

Schedule 7: Residential Cost of Service

Schedule 8: Commercial Dumpsters and Carts Cost of Service

Schedule 9: Commercial Roll-Off Cost of Service Schedule 10: Drop-Off Recycling Cost of Service

Schedule 11: Revenue Reconciliation at Current Rates

Schedule 12: Proposed Rates

Schedule 13: Revenue Reconciliation at Proposed Rates

Schedule 14: Reserves at Proposed Rates





Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Test Year

rest rest																		
ine Io.			Description		FY 2018 Budget		FY 2018 Actual	FY 2019 Budget	FY 2019 Actual		FY 2020 Budget	FY 2020 Actual	FY 2021 Budget	Adjustments		Test Year	Notes:	Inflation Factor
	_																	
2	Expenses 511750	Solid Waste & Recycle																
3	511/50	51175051110	Regular Salaries	Ś	1,173,297	ė	1 122 015	\$ 1,163,000	¢ 1 117 20E	ć	1 100 000	\$ 1,114,935	¢ 1 205 217		\$	1,205,217		Salaries
4		51175051110	Overtime	Þ	10,000	Þ	2,855	11,000	\$ 1,117,395 4,969	Þ	11,000		11,000		Þ	11,000		Salaries
5		51175051120	FICA		89,700		82,049	89,000	81,895		92,000		91,000			91,000		Benefits
6		51175051140	Group Insurance		236,240		237,281	272,661	218,984		322,000		280,962	19,038		300,000	Α	Benefits
7		51175051140	DB Retirement		149,866		141,003	129,000	122,971		115,000	113,662	122,000	19,036		122,000	Α.	Benefits
8		51175051155	DC Retirement		19,340		19,219	24,000	20,513		26,000		24,000			24,000		Benefits
9		51175051133	Workers' Comp		3,532		3,532	21,407	21,407		31,859		18,456			18,456		Benefits
10		51175051180	Unemployment		3,332		5,552	22,107	22,407		31,033	32,033	10,450			10,450		Benefits
11		51175052110	Employment Srv		3,680		5,959	6,300	1,507		6,300	3,546	6,300			6,300		General
12		51175052220	Bad Debt Writeoff		-		4,110	-			-	3,540	-			-		General
13		51175052310	Ut/Comm		7,200		5,502	7,200	4,921		7,200	5,496	7.200			7,200		General
14		51175052510	Other Services		810.000		803,593	861,133	871,986		826,371		810,000	35,000		845,000	Α	General
15		51175052610	Main&Repair Serv		20,000		29,850	28,789	37,069		30,000		30,000	,		30,000		General Maintenance
16		5117553110	Office Supp		5,000		321	5,500	1,490		5,500		2,500			2,500		General
17		51175053210	Jan Supplies		2,000		1,982	2,000	1,096		2,000		2,500			2,500		General
18		51175053310	Gen Supplies		19,686		11,953	19,686	15,791		19,686		19,686			19,686		General
19		51175053410	Tools&Equipment		31,168		18,139	50,422	38,434		40,866		32,000			32,000		General
20		51175053510	Fuel		120,000		131,042	130,000	147,720		130,000		130,000	13,000		143,000	Α	Fuel
21		51175053610	Main&Repair Mate		180,000		164,468	180,000	157,322		180,000		180,000			180,000		Vehicle Maintenance
22		51175053910	Inv. Adjustment					-				-	-			-		General
23		5117505590	Other Imprv		-		-	-	-		-					-		General
24		51175055980	Cap of FA		-		-	-								-		General
25		51175055990	Depr		-		-	-	-		-	-	-			-		General
26	6757500	6757500 52510	OthService		-		5,933	321,560	180,942		213,153	121,317	-			-		General
27		6757500 55930	Oth Imprv		98,720		-	113,162	-		65,000	-	-					General
28		6757500 55940	Mach&Equip		-		-	-	-		-	-	-					General
29		6757500 55950	Offeq&Furn		-		-	-	-		-	-	-			-		General
30		6757500 55960	Veh&Equip		360,000		273,971	660,000	-		1,960,000	1,622,500	495,000	(495,000)	-		General
31			Total Solid Waste & Recycle	\$	3,339,429	\$	3,064,777	\$ 4,095,820	\$ 3,046,414	\$	5,263,934	\$ 4,599,723	\$ 3,467,821	\$ (427,962) \$	3,039,859		
32	5110000	Interfund Transfers																
33		511000059101	Transfer to Gen	\$		\$		\$ 1,289,941		\$	1,382,871	\$ 1,382,871			\$	1,472,219		General Fund Transfe
34		511000059670	Transfer to Stab		80,508		80,508	25,000	25,000		-	-	88,396			88,396		None
35		511000059663	Transfer to Auto Fund		-		-	85,204	85,204		87,618	87,618	-	25,000		25,000	Α	None
36		511000059675	Transfer to Capital		750,000		750,000	750,000	750,000		740,000	740,000	200,000	(200,000			Α	None
37			Total Interfund Transfers	\$	1,885,847	\$	1,885,847	\$ 2,150,145	\$ 2,150,145	\$	2,210,489	\$ 2,210,489	\$ 1,760,615	\$ (175,000) \$	1,585,615		
38		Proposed Debt																
			BLANK	\$	-	\$	-	\$ -	\$ -	\$	-	\$ -	\$ -	4	\$	-		None
39			Total Proposed Debt	\$		\$		Ş -	Ş -	\$	-	\$ -	\$ -	Ş -	\$			
40																		
40		Capital Improvement Pla	n Pav-As-You-Go											\$ 980,691	s	980.691	В	Capital Projects
41			TOTAL CIP	- 2		, ,		\$ -	\$ -	Ś		\$ -	\$ -	\$ 980,691		980,691	ь	Capital Projects
42			TOTAL CIP	>	-	Þ	-	\$ -	\$ -	Þ		\$ -	\$ -	\$ 980,091	Þ	980,691		
43		Solid Waste Total Expens	ses	\$	5,225,276	\$	4,950,624	\$ 6,245,965	\$ 5,196,559	\$	7,474,423	\$ 6,810,212	\$ 5,228,436	\$ 377,729	\$	5,606,165		
44	Revenues																	
45	511000	Solid Waste	Contestion College		(4 200 22 4)		(4.334.500)	£ (4.247.0**)	£ (4.200.5.50)		(4.404.533)	£ (4.267.465)	£ /4 427 CCC	£ 4.437.000	^			Ness
46 47		51100044431 51100044432	Sanitation Collection Landfill Fee	>	(4,290,334)	>	(4,334,580)	\$ (4,347,841) (93,702)			(4,404,533)	\$ (4,367,465)			>	(2.053)		None
47 48		51100044432 51100044433	Other San. Fee		(4,071) (122,817)			(93,702) (12,924)	(99,459) (21,888)		(97,223)	(88,175)	(2,053) (93,799)			(2,053)		None None
48 49		51100044433 51100044435					(15,398)											
49 50		51100044435 51100044436	Recycled Mat.		(21,973)		(6,408)	(8,676)	(5,426)		(4,147)	(2,587)	(23,687)			(23,687)		None None
50 51		51100044436 51100044437	Yard Waste Vouchers		(11,748)		(8,645)	(8,053)	(1,135)		(984)	(1,080)	(1,888)			(1,888)		None None
			Refuse Vouchers		(9,572)		(8,380)	(6,327)	(11,975)		(10,744)	(12,210)	(12,079)			(12,079)		
52		51100044891	Fleet Service Fee				(2,750)		(1,750)		(1,300)	(3,000)	(3,500)	'		(3,500)		None
53		51100046221	Inv. Earnings		-		(9,240)	-	(13,046)	'	(5,000)	(4,877)	-			-		None
54		51100046224 51100047211	Realized Gain/Loss		(0.000)		31	-				-	-			-		None None
55 56			Misc. Revenue		(8,680)			-	-		-	-	-			-		
56 57		51100047411 51100048222	Bad Debt Collect. Sale/Surplus Prop.		-		(4) (1,100)		(1,039)		-	(681)				-		None None
58		51100048222	Total Revenues	Ś	(4,469,195)	ć		\$ (4,477,523)			(A 5A9 222)	\$ (4,505,391)	¢ (4 564 000)	\$ 4427.002	\$	(137,006)		wone
				ş	(7,402,135)	ş	(4,475,550)	y (4,411,323)	→ (4,333,867)	, ,	(4,340,333)	y (4,3U3,391)	y (4,304,398)	y 4,427,392				
59		NET REVENUE REQUIREM	MENT												\$	5,469,159		

Notes:
A. Adjustments made per city staff.
B. Calculated on Schedule 2, Capital Improvement Plan.

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Capital Improvement Plan

Line No.	Asset Title Notes	Purchase Year	Funding Source	Estimated Price	Estimated Operational Life	Year 1 FY 2022		Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026	5-Year Total Purchases	5-Year Annualized
1	Grappler/Loader Truck	2022	Rates	\$ 160,000	7	\$ 160	,000 \$	\$ -	\$ -	\$ -	\$ -		
2	Polycarts (25,000)	2025	Rates	\$ 1,500,000	20		-	-	-	1,500,000	-		
3	Roll Off Refuse Truck	2022	Rates	\$ 175,000	6	175	,000	-	-	-	-		
4	One Ton Truck	2023	Rates	\$ 45,000	7		-	47,250	-	-	-		
5	One Ton Truck	2023	Rates	\$ 45,000	7		-	47,250	-	-	-		
6	Rear Load Refuse Truck	2023	Rates	\$ 177,500	7		-	186,375	-	-	-		
7	Rear Load Refuse Truck	2023	Rates	\$ 177,500	7		-	186,375	-	-	-		
8	Roll Off Refuse Truck	2024	Rates	\$ 175,000	7		-	-	192,938	-	-		
9	Roll Off Refuse Truck	2024	Rates	\$ 175,000	7		-	-	192,938	-	-		
10	Automated Refuse Truck ¹	2024	Rates	\$ 350,000	6		-	-	310,875	-	-		
11	Automated Refuse Truck ¹	2024	Rates	\$ 350,000	6		-	-	310,875	-	-		
12	Automated Refuse Truck ¹	2024	Rates	\$ 350,000	6		-	-	310,875	-	-		
13	Automated Refuse Truck ¹	2024	Rates	\$ 350,000	6		-	-	310,875	-	-		
14	Automated Refuse Truck ¹	2024	Rates	\$ 350,000	6		-	-	310,875	-	-		
15	Rear Load Refuse Truck	2025	Rates	\$ 177,500	7		-	-	-	205,478	-		
16	Rear Load Refuse Truck	2025	Rates	\$ 177,500	7		-	-	-	205,478	-		
17	Wash Tray	2022	Rates	\$ 250,000	20	250	,000	-	-	-	-	<u>-</u>	
18	Subtotal					\$ 585	,000 \$	\$ 467,250	\$ 1,940,250	\$ 1,910,957	\$ -	\$ 4,903,457	\$ 980,691

Notes:

1. In order to estimate a potential buyback program, NewGen is assuming the old automated refuse trucks will bought back for \$75,000. NewGen has subtracted \$75,000 from the purchase price of the automated refuse trucks in FY 2024 (\$385,875 - \$75,000 = \$310,875).

Prepared by NewGen Strategies and Solutions

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Solid Waste Revenue Requirement Forecast

		Description		Test Year		Year 1 FY 2022	Year 2 FY 2023		Year 3 FY 2024	Year 4 FY 2025		Year 5 FY 2026	Inflation Facto
1 Expenses													
2 511750	Solid Waste & Recycle		_		_			_			_		
3	51175051110	Regular Salaries	\$	1,205,217	Ş	1,265,478 \$	1,309,770	Ş	1,355,612 \$	1,403,058	Ş	1,452,165	Salaries
4	51175051120	Overtime		11,000		11,550	11,954		12,373	12,806		13,254	Salaries
5	51175051130	FICA		91,000		95,550	98,894		102,356	105,938		109,646	Benefits
6	51175051140	Group Insurance		300,000		315,000	326,025		337,436	349,246		361,470	Benefits
7	51175051150	DB Retirement		122,000		128,100	132,584		137,224	142,027		146,998	Benefits
8	51175051155	DC Retirement		24,000		25,200	26,082		26,995	27,940		28,918	Benefits
9	51175051170	Workers' Comp		18,456		19,379	20,057		20,759	21,486		22,238	Benefits
10	51175051180	Unemployment		-		-	-		-	-		-	Benefits
1	51175052110	Employment Srv		6,300		6,432	6,567		6,705	6,846		6,990	General
12	51175052220	Bad Debt Writeoff		-		-	-		-	-		-	General
.3	51175052310	Ut/Comm		7,200		7,351	7,506		7,663	7,824		7,988	General
.4	51175052510	Other Services		845,000		862,745	880,863		899,361	918,247		937,531	General
15	51175052610	Main&Repair Serv		30,000		30,900	31,827		32,782	33,765		34,778	General Maintena
6	5117553110	Office Supp		2,500		2.553	2,606		2.661	2.717		2,774	General
17	51175053210	Jan Supplies		2,500		2,553	2,606		2,661	2,717		2,774	General
8	51175053310			19,686		20,099			20,952	21,392			General
9		Gen Supplies					20,521					21,842	
19	51175053410	Tools&Equipment		32,000		32,672	33,358		34,059	34,774		35,504	General
	51175053510	Fuel		143,000		150,150	157,658		165,540	173,817		182,508	Fuel
!1	51175053610	Main&Repair Mate		180,000		185,400	190,962		196,691	202,592		208,669	Vehicle Maintenar
.2	51175053910	Inv. Adjustment		-		-	-		-	-		-	General
!3	5117505590	Other Imprv		-		-	-		-	-		-	General
24	51175055980	Cap of FA		-		-	-		-	-		-	General
!5	51175055990	Depr		-		-	-		-	-		-	General
6 6757500	6757500 52510	OthService		-		-	-		-	-		-	General
27	6757500 55930	Oth Imprv		-		-	-		-	-		-	General
18	6757500 55940	Mach&Equip		-		-	-		-	-		-	General
19	6757500 55950	Offeq&Furn		-		-	-		-	-		-	General
80	6757500 55960	Veh&Equip		_		-	_		_	_		_	General
1		Total Solid Waste & Recycle	\$	3,039,859	\$	3,161,112 \$	3,259,840	Ś	3,361,828 \$	3,467,191	Ś	3,576,045	
		,	•	-,,	*	*	-,,	•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-,,	•	-,,	
2 5110000	Interfund Transfers												
13	511000059101	Transfer to Gen	Ś	1,472,219	\$	1,531,108 \$	1,592,352	\$	1,656,046 \$	1,722,288	\$	1,791,180	General Fund Tran
34	511000059670	Transfer to Stab		88,396		88,396	88,396		88,396	88,396		88,396	None
35	511000059663	Transfer to Auto Fund		25,000		25,000	25,000		25,000	25,000		25,000	None
16	511000059675	Transfer to Capital		23,000		23,000	23,000		25,000	25,000		23,000	None
37	311000033073	Total Interfund Transfers	\$	1,585,615	\$	1,644,504 \$	1,705,748	\$	1,769,442 \$	1,835,684	\$	1,904,576	None
,,		Total Intervalia Transfers	,	1,303,013	,	1,044,304 9	1,703,740	7	1,705,442 9	1,033,004	,	1,504,570	
8	Proposed Debt												
	r roposeu Debt	BLANK	¢	_	ć	. ¢	_	¢	. ¢	_	ć	_	None
9		Total Proposed Debt	÷		\$	- 4		\$	- 4		Ġ		None
.5		Total Froposed Debt	,	_	7	- 7	_	,	- 7	_	,	-	
.0	Capital Improvement Plan												
1	Capital IIIpi Overlient Fian	Pay-As-You-Go	,	980.691	Ś	980.691 \$	980.691	Ś	980.691 S	980.691	Ś	980,691	Capital Projects
-			\$,	_	,	,	_		,			Capital Projects
2		TOTAL CIP	\$	980,691	\$	980,691 \$	980,691	\$	980,691 \$	980,691	\$	980,691	
			_										
13	Solid Waste Total Expenses		\$	5,606,165	\$	5,786,307 \$	5,946,279	\$	6,111,962 \$	6,283,567	\$	6,461,312	
4 Revenues													
	Solid Waste												
16	51100044431	Sanitation Collection	\$		\$	- \$	-	\$	- \$	-	\$	-	None
7	51100044432	Landfill Fee		(2,053)		(2,053)	(2,053		(2,053)	(2,053)		(2,053)	None
8	51100044433	Other San. Fee		(93,799)		(93,799)	(93,799		(93,799)	(93,799)		(93,799)	None
9	51100044435	Recycled Mat.		(23,687)		(23,687)	(23,687)	(23,687)	(23,687)		(23,687)	None
0	51100044436	Yard Waste Vouchers		(1,888)		(1,888)	(1,888)	(1,888)	(1,888)		(1,888)	None
1	51100044437	Refuse Vouchers		(12,079)		(12,079)	(12,079		(12,079)	(12,079)		(12,079)	None
2	51100044891	Fleet Service Fee		(3,500)		(3,500)	(3,500		(3,500)	(3,500)		(3,500)	None
3	51100046221	Inv. Earnings		-				•		(2,200)			None
	51100046221	Realized Gain/Loss		_		-	-		-	-		-	None
				-		-	-		-	-		-	
	51100047211	Misc. Revenue Bad Debt Collect.		-		-	-		-	-		-	None
5	F4400047444									-		-	None
5 6	51100047411			-									No.
.4 .5 .6	51100047411 51100048222	Sale/Surplus Prop.	_	-	_	-	-			-	_		None
5 6			\$	(137,006)	\$	(137,006) \$	(137,006) \$	(137,006) \$	(137,006)	\$	(137,006)	None

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Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study 5-Year Revenue Requirement Summary

Line No.		Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
1	Residential Collection					
2	Refuse	\$ 845,429	\$ 862,796	\$ 880,789	\$ 899,432	\$ 918,750
3	Bulky (Voucher Program)	-	-	-	-	-
4	Subtotal Residential Collection	\$ 845,429	\$ 862,796	\$ 880,789	\$ 899,432	\$ 918,750
5	Commercial Collection					
6	Dumpsters	\$ 1,053,447	\$ 1,082,462	\$ 1,112,499	\$ 1,143,597	\$ 1,175,792
7	Roll-Off	316,856	325,163	333,766	342,675	351,901
8	Subtotal Commercial Collection	\$ 1,370,303	\$ 1,407,625	\$ 1,446,265	\$ 1,486,272	\$ 1,527,693
9	Street Sweeping	\$ 254,166	\$ 259,408	\$ 264,843	\$ 270,477	\$ 276,318
10	Drop-Off Recycling	\$ 85,262	\$ 86,416	\$ 87,617	\$ 88,868	\$ 90,171
11	Leaf Collection	\$ -	\$ -	\$ -	\$ -	\$ -
12	Household Hazardous Waste	\$ -	\$ -	\$ -	\$ -	\$ -
13	Container Maintenance	\$ 90,755	\$ 93,731	\$ 96,813	\$ 100,005	\$ 103,311
14	Disposal	\$ 860,692	\$ 878,810	\$ 897,308	\$ 916,194	\$ 935,478
15	Roadside Cleanup	\$ 64,672	\$ 66,652	\$ 68,706	\$ 70,836	\$ 73,046
16	Administration	\$ 2,078,022	\$ 2,153,837	\$ 2,232,616	\$ 2,314,477	\$ 2,399,540
17	Total Revenue Requirement	\$ 5,649,301	\$ 5,809,273	\$ 5,974,956	\$ 6,146,561	\$ 6,324,306

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Indirect Cost Allocations

Line No.			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
1	Indirect Costs										
2	Street Sweeping	Ś	254,166	Ś	259,408	Ś	264,843	\$	270,477	\$	276,318
3	Leaf Collection	Y	-	7	-	~	-	7	-	7	-
4	Household Hazardous Waste		_		_		_		_		_
5	Container Maintenance		90,755		93,731		96,813		100,005		103,311
6	Roadside Cleanup		64,672		66,652		68,706		70,836		73,046
7	Administration		2,078,022		2,153,837		2,232,616		2,314,477		2,399,540
8	Total Indirect Costs	\$	2,487,614	\$	2,573,627	\$	2,662,977	\$	2,755,794	\$	2,852,214
9	INDIRECT COST ALLOCATIONS										
J	INDINEED COST, NEED CONTONS										
10	Residential Collection										
11	Refuse	\$	913,997	\$	942,159	\$	971,362	\$	1,001,648	\$	1,033,059
12	Bulky (Voucher Program)	\$	-	\$	-	\$	-	\$	-	\$	-
13	Subtotal Residential Collection	\$	913,997	\$	942,159	\$	971,362	\$	1,001,648	\$	1,033,059
14	Commercial Collection										
15	Dumpsters	\$	1,138,885	\$	1,182,031	\$	1,226,900	\$	1,273,561	\$	1,322,081
16	Roll-Off	\$	342,554	\$	355,073	\$	368,088	\$	381,618	\$	395,684
17	Subtotal Commercial Collection	\$	1,481,440	\$	1,537,104	\$	1,594,988	\$	1,655,179	\$	1,717,766
18	Drop-Off Recycling	\$	92,177	Ś	94,364	Ś	96,626	Ś	98,967	Ś	101,390
19	Disposal	\$,	\$	-	\$	-	\$	-	\$,-30
20	Total Indirect Costs	\$	2,487,614	\$	2,573,627	\$	2,662,977	\$	2,755,794	\$	2,852,214

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Disposal Cost of Service

Line No.		Year 1 FY 2022		Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
1	Total Disposal Cost of Service	\$ 860,69	2 \$	878,810	\$ 897,308	\$ 916,194	\$ 935,478
2	Residential	13,35	1	13,351	13,351	13,351	13,351
3	Commercial Roll-Off	3,823	3	3,861	3,900	3,939	3,978
4	Commercial Dumpsters	8,57	5	8,661	8,747	8,835	8,923
5	Coupon Program	95	7	957	957	957	957
6	Total Tons	26,70	5	26,829	26,954	27,081	27,209
7	Cost per Ton	\$ 32.23	3 \$	32.76	\$ 33.29	\$ 33.83	\$ 34.38

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Residential Cost of Service

			V	V2	Vacua		V
Line No.			Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
1	Direct Costs						
2	Refuse	\$	845,429	\$ 862,796	\$ 880,789	\$ 899,432	\$ 918,750
3	Bulky (Voucher Program)	_	-	 -	 -	 -	 -
4	Subtotal Direct Costs	\$	845,429	\$ 862,796	\$ 880,789	\$ 899,432	\$ 918,750
5	Indirect Costs						
6	Street Sweeping	\$	93,385	\$ 94,965	\$ 96,606	\$ 98,310	\$ 100,081
7	Leaf Collection		-	-	-	-	-
8	Household Hazardous Waste		-	-	-	-	-
9	Container Maintenance		33,345	34,313	35,314	36,349	37,419
10	Roadside Cleanup		23,762	24,400	25,061	25,747	26,457
11	Administration		763,505	788,481	814,382	841,243	869,103
12	Subtotal Indirect Costs	\$	913,997	\$ 942,159	\$ 971,362	\$ 1,001,648	\$ 1,033,059
13	Disposal Costs	\$	461,114	\$ 468,645	\$ 476,287	\$ 484,040	\$ 491,908
14	Total Cost of Service	\$	2,220,541	\$ 2,273,600	\$ 2,328,438	\$ 2,385,121	\$ 2,443,717
15	Residential Billing Units						
16	96 gal cart						
17	1 cart		10,122	10,122	10,122	10,122	10,122
18	2 carts		2,631	2,631	2,631	2,631	2,631
19	3 carts		137	137	137	137	137
20	4 carts		11	11	11	11	11
21	5 carts		3	3	3	3	3
22	Subtotal		12,904	12,904	12,904	12,904	12,904
23	64 gal cart						
24	1 cart		261	261	261	261	261
25	2 carts		15	15	15	15	15
26	3 carts		1	1	1	1	1
27	Subtotal		277	277	277	277	277
28	32 gal cart						
29	1 cart		143	143	143	143	143
30	2 carts		2	2	2	2	2
31	Subtotal		145	145	145	145	145
32	Side Yard Handicap Can		1	1	1	1	1
33	Total Billing Units		13,327	13,327	13,327	13,327	13,327
2.							
34	Weekly Disposal Capacity (Gallons)						
35	96 gal cart						
36	1 cart		971,712	971,712	971,712	971,712	971,712
37	2 carts		505,152	505,152	505,152	505,152	505,152
38	3 carts		39,456	39,456	39,456	39,456	39,456
39	4 carts		4,224	4,224	4,224	4,224	4,224
40	5 carts		1,440	1,440	1,440	1,440	1,440
41	Subtotal		1,521,984	1,521,984	1,521,984	1,521,984	1,521,984

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Residential Cost of Service

Line			Year 1	Year 2	Year 3	Year 4	Year 5
No.			FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
42	64 gal cart		46-04	46-04	46-04	46 = 04	40 =04
43	1 cart		16,704	16,704	16,704	16,704	16,704
44	2 carts		1,920	1,920	1,920	1,920	1,920
45	3 carts	_	192	192	192	192	192
46	Subtotal		18,816	18,816	18,816	18,816	18,816
47	32 gal cart						
48	1 cart		4,576	4,576	4,576	4,576	4,576
49	2 carts		128	128	128	128	128
50	Subtotal		4,704	4,704	4,704	4,704	4,704
51	Side Yard Handicap Can		96	96	96	96	96
52	Total Weekly Disposal Capacity		1,545,600	1,545,600	1,545,600	1,545,600	1,545,600
53	Total Monthly Disposal Capacity		6,697,600	6,697,600	6,697,600	6,697,600	6,697,600
54							
55	Direct Costs						
56	Refuse	\$	5.29	\$ 5.40	\$ 5.51	\$ 5.62	\$ 5.74
57	Bulky (Voucher Program)	<u>\$</u> \$	-	\$ -	\$ -	\$ -	\$
58	Subtotal Direct Costs	\$	5.29	\$ 5.40	\$ 5.51	\$ 5.62	\$ 5.74
59	Indirect Costs						
60	Street Sweeping	\$	0.58	\$ 0.59	\$ 0.60	\$ 0.61	\$ 0.63
61	Leaf Collection		-	-	-	-	-
62	Household Hazardous Waste		-	-	-	-	-
63	Container Maintenance		0.21	0.21	0.22	0.23	0.23
64	Roadside Cleanup		0.15	0.15	0.16	0.16	0.17
65	Administration		4.77	4.93	5.09	5.26	5.43
66	Subtotal Indirect Costs	\$	5.72	\$ 5.89	\$ 6.07	\$ 6.26	\$ 6.46
67	Disposal Costs						
68	Total Monthly Capacity		6,697,600	6,697,600	6,697,600	6,697,600	6,697,600
69	\$/Gallon per Month	\$	0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$ 0.01
70	Monthly Disposal Cost						
71	96 gal cart						
72	1 cart	\$	2.39	\$ 2.43	\$ 2.47	\$ 2.51	\$ 2.55
73	2 carts	\$	4.77	\$ 4.85	\$ 4.93	\$ 5.01	\$ 5.09
74	3 carts	\$	7.16	\$ 7.28	\$ 7.40	\$ 7.52	\$ 7.64
75	4 carts	\$	9.55	\$ 9.70	\$ 9.86	\$ 10.02	\$ 10.18
76	5 carts	\$	11.93	\$ 12.13	\$ 12.33	\$ 12.53	\$ 12.73
77	64 gal cart						
78	1 cart	\$	1.59	\$ 1.62	\$ 1.64	\$ 1.67	\$ 1.70
79	2 carts	\$	3.18	3.23	\$ 3.29	3.34	3.39
80	3 carts	\$	4.77	\$ 4.85	\$ 4.93	\$ 5.01	\$ 5.09
81	32 gal cart						
82	1 cart	\$	0.80	\$ 0.81	\$ 0.82	\$ 0.84	\$ 0.85
83	2 carts	\$	1.59	1.62	1.64	1.67	1.70
84	Side Yard Handicap Can	\$	2.39	\$ 2.43	\$ 2.47	\$ 2.51	\$ 2.55

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Residential Cost of Service

Line			Year 1	Year 2	Year 3	Year 4	Year 5
No.		F	Y 2022	FY 2023	FY 2024	FY 2025	FY 2026
85	Residential Monthly Cost of Service						
86	96 gal cart						
87	1 cart	\$	13.39	\$ 13.71	\$ 14.05	\$ 14.39	\$ 14.75
88	2 carts	\$	15.78	\$ 16.14	\$ 16.51	\$ 16.90	\$ 17.30
89	3 carts	\$	18.16	\$ 18.56	\$ 18.98	\$ 19.40	\$ 19.84
90	4 carts	\$	20.55	\$ 20.99	\$ 21.44	\$ 21.91	\$ 22.39
91	5 carts	\$	22.94	\$ 23.41	\$ 23.91	\$ 24.41	\$ 24.94
92	64 gal cart						
93	1 cart	\$	12.59	\$ 12.90	\$ 13.22	\$ 13.56	\$ 13.90
94	2 carts	\$	14.18	\$ 14.52	\$ 14.87	\$ 15.23	\$ 15.60
95	3 carts	\$	15.78	\$ 16.14	\$ 16.51	\$ 16.90	\$ 17.30
96	32 gal cart						
97	1 cart	\$	11.80	\$ 12.09	\$ 12.40	\$ 12.72	\$ 13.05
98	2 carts	\$	12.59	\$ 12.90	\$ 13.22	\$ 13.56	\$ 13.90
99	Side Yard Handicap Can	\$	13.39	\$ 13.71	\$ 14.05	\$ 14.39	\$ 14.75

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Commercial Dumpsters and Carts

Line		Year 1	Year 2	Year 3	Year 4	Year 5
No.		FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
1	Direct Costs					
2	Commercial Collection	\$ 1,053,447	\$ 1,082,462	\$ 1,112,499	\$ 1,143,597	\$ 1,175,792
3	Indirect Costs					
4	Street Sweeping	\$ 116,363	\$ 119,143	\$ 122,020	\$ 124,998	\$ 128,081
5	Leaf Collection	-	-	-	-	-
6	Household Hazardous Waste	-	-	-	-	-
7	Container Maintenance	41,550	43,049	44,604	46,216	47,887
8	Roadside Cleanup	29,608	30,612	31,654	32,736	33,859
9	Administration	 951,365	989,227	1,028,622	1,069,611	1,112,254
10	Subtotal Indirect Costs	\$ 1,022,523	\$ 1,062,888	\$ 1,104,881	\$ 1,148,563	\$ 1,194,000
11	Disposal Costs	\$ 276,367	\$ 283,689	\$ 291,198	\$ 298,898	\$ 306,794
12	Total Cost of Service	\$ 2,468,699	\$ 2,548,182	\$ 2,630,598	\$ 2,716,056	\$ 2,804,667
13	BILLING UNITS AND COSTS PER UNIT					
14	Container Cost					
15	Dumpster Counts					
16	Commercial Dumpsters	842	851	859	868	877
17	Rear-Load to Cart Collection Factor	3.00	3.00	3.00	3.00	3.00
18	Total Dumpsters w/Collection Factor	 2,527	2,553	2,578	2,604	2,630
19	Cart Counts	2,527	2,555	2,575	2,00	2,000
20	Total Refuse Carts	504	509	514	519	524
21	Monthly Fee per Container	-				
22	Street Sweeping	\$ 3.20	\$ 3.24	\$ 3.29	\$ 3.34	\$ 3.38
23	Leaf Collection	\$ -	\$ -	\$ -	\$ -	\$ -
24	Household Hazardous Waste	\$ _	\$ -	\$ -	\$ -	\$ -
25	Container Maintenance	\$ 1.14	\$ 1.17	\$ 1.20	\$ 1.23	\$ 1.27
26	Roadside Cleanup	\$ 0.81	\$ 0.83	\$ 0.85	\$ 0.87	\$ 0.89
27	Administration	\$ 26.15	\$ 26.92	\$ 27.72	\$ 28.54	\$ 29.38
28	Total Monthly Fee per Container	\$ 31.31	\$ 32.17	\$ 33.06	\$ 33.98	\$ 34.93
29	Collection Cost					
30	Dumpsters					
31	# of Annual Refuse Collections	110,018	111,119	112,230	113,352	114,486
32	Rear-Load to Cart Collection Factor	3.00	3.00	3.00	3.00	3.00
33	Total Collections w/Collection Factor	 330,055	333,356	336,689	340,056	343,457
34	Cart Counts					
35	Total Refuse Cart Collections	69,003	69,693	70,389	71,093	71,804
36	Total # of Collections	399,058	403,048	407,079	411,150	415,261
37	Fee per Collection	\$ 2.64	\$ 2.69	\$ 2.73	\$ 2.78	\$ 2.83
38	Disposal Costs					
39	Disposal					
40	Cubic Yards of Capacity (Annual)	327,375	330,648	333,955	337,294	340,667
41	Fee per Cubic Yard	\$ 0.84	\$ 0.86	\$ 0.87	\$ 0.89	\$ 0.90

Year 1							1
Container	Per Week		MONTH	ILY	,		1
Size	Frequency	Container	Collection		Disposal	Total]
2	1	\$ 93.92	\$ 34.32	\$	7.32	\$ 135.56	2
3	1	\$ 93.92	\$ 34.32	\$	10.97	\$ 139.22	3
96 Gallon	1	\$ 31.31	\$ 11.44	\$	1.74	\$ 44.49	0.48
192 Gallon	1	\$ 31.31	\$ 11.44	\$	3.48	\$ 46.22	0.95
288 Gallon	1	\$ 31.31	\$ 11.44	\$	5.22	\$ 47.96	1.43
2	2	\$ 93.92	\$ 68.64	\$	14.63	\$ 177.19	2
3	2	\$ 93.92	\$ 68.64	\$	21.95	\$ 184.51	3
96 Gallon	2	\$ 31.31	\$ 22.88	\$	3.48	\$ 57.66	0.48
192 Gallon	2	\$ 31.31	\$ 22.88	\$	6.96	\$ 61.14	0.95
288 Gallon	2	\$ 31.31	\$ 22.88	\$	10.43	\$ 64.62	1.43
2	3	\$ 93.92	\$ 102.95	\$	21.95	\$ 218.83	2
3	3	\$ 93.92	\$ 102.95	\$	32.92	\$ 229.80	3
96 Gallon	3	\$ 31.31	\$ 34.32	\$	5.22	\$ 70.84	0.48
192 Gallon	3	\$ 31.31	\$ 34.32	\$	10.43	\$ 76.06	0.95
288 Gallon	3	\$ 31.31	\$ 34.32	\$	15.65	\$ 81.27	1.43
2	4	\$ 93.92	\$ 137.27	\$	29.27	\$ 260.46	2
3	4	\$ 93.92	\$ 137.27	\$	43.90	\$ 275.09	3
96 Gallon	4	\$ 31.31	\$ 45.76	\$	6.96	\$ 84.02	0.48
192 Gallon	4	\$ 31.31	\$ 45.76	\$	13.91	\$ 90.98	0.95
288 Gallon	4	\$ 31.31	\$ 45.76	\$	20.87	\$ 97.93	1.43
2	5	\$ 93.92	\$ 171.59	\$	36.58	\$ 302.10	2
3	5	\$ 93.92	\$ 171.59	\$	54.87	320.39	3
96 Gallon	5	\$ 31.31	\$ 57.20	\$	8.69	\$ 97.20	0.48
192 Gallon	5	\$ 31.31	\$ 57.20	\$	17.39	\$ 105.89	0.95
288 Gallon	5	\$ 31.31	\$ 57.20	\$	26.08	\$ 114.59	1.43
2	6	\$ 93.92	\$ 205.91	\$	43.90	343.73	2
3	6	\$ 93.92	\$ 205.91	\$	65.85	365.68	3
96 Gallon	6	\$ 31.31	\$ 68.64	\$	10.43	110.38	0.48
192 Gallon	6	\$ 31.31	\$ 68.64	\$	20.87	\$ 120.81	0.95
288 Gallon	6	\$ 31.31	\$ 68.64	\$	31.30	\$ 131.24	1.43

			FY 2	.022				
Container Size				Collect	ions	per Week		
(Cubic Yards)	1	2		3		4	5	6
2	\$ 135.56	\$ 177.19	\$	218.83	\$	260.46	\$ 302.10	\$ 343.73
3	\$ 139.22	\$ 184.51	\$	229.80	\$	275.09	\$ 320.39	\$ 365.68
96 Gallon	\$ 44.49	\$ 57.66	\$	70.84	\$	84.02	\$ 97.20	\$ 110.38
192 Gallon	\$ 46.22	\$ 61.14	\$	76.06	\$	90.98	\$ 105.89	\$ 120.81
288 Gallon	\$ 47.96	\$ 64.62	\$	81.27	\$	97.93	\$ 114.59	\$ 131.24

Year 2								
Container	Per Week			MON	ГΗΙ	LY		
Size	Frequency	ntainer	Cd	ollection		isposal	Total	
2	1	\$ 96.52	\$	34.91	\$	7.44	\$ 138.87	2
3	1	\$ 96.52	\$	34.91	\$	11.15	\$ 142.59	3
96 Gallon	1	\$ 32.17	\$	11.64	\$	1.77	\$ 45.58	0.48
192 Gallon	1	\$ 32.17	\$	11.64	\$	3.53	\$ 47.34	0.95
288 Gallon	1	\$ 32.17	\$	11.64	\$	5.30	\$ 49.11	1.43
2	2	\$ 96.52	\$	69.83	\$	14.87	\$ 181.22	2
3	2	\$ 96.52	\$	69.83	\$	22.31	\$ 188.65	3
96 Gallon	2	\$ 32.17	\$	23.28	\$	3.53	\$ 58.98	0.48
192 Gallon	2	\$ 32.17	\$	23.28	\$	7.07	\$ 62.52	0.95
288 Gallon	2	\$ 32.17	\$	23.28	\$	10.60	\$ 66.05	1.43
2	3	\$ 96.52	\$	104.74	\$	22.31	\$ 223.57	2
3	3	\$ 96.52	\$	104.74	\$	33.46	\$ 234.72	3
96 Gallon	3	\$ 32.17	\$	34.91	\$	5.30	\$ 72.39	0.48
192 Gallon	3	\$ 32.17	\$	34.91	\$	10.60	\$ 77.69	0.95
288 Gallon	3	\$ 32.17	\$	34.91	\$	15.90	\$ 82.99	1.43
2	4	\$ 96.52	\$	139.66	\$	29.74	\$ 265.92	2
3	4	\$ 96.52	\$	139.66	\$	44.61	\$ 280.79	3
96 Gallon	4	\$ 32.17	\$	46.55	\$	7.07	\$ 85.79	0.48
192 Gallon	4	\$ 32.17	\$	46.55	\$	14.14	\$ 92.86	0.95
288 Gallon	4	\$ 32.17	\$	46.55	\$	21.21	\$ 99.93	1.43
2	5	\$ 96.52	\$	174.57	\$	37.18	\$ 308.27	2
3	5	\$ 96.52	\$	174.57	\$	55.77	\$ 326.86	3
96 Gallon	5	\$ 32.17	\$	58.19	\$	8.84	\$ 99.20	0.48
192 Gallon	5	\$ 32.17	\$	58.19	\$	17.67	\$ 108.03	0.95
288 Gallon	5	\$ 32.17	\$	58.19	\$	26.51	\$ 116.87	1.43
2	6	\$ 96.52	\$	209.48	\$	44.61	\$ 350.62	2
3	6	\$ 96.52		209.48	\$	66.92	\$ 372.92	3
96 Gallon	6	\$ 32.17	\$	69.83	\$	10.60	\$ 112.60	0.48
192 Gallon	6	\$ 32.17	\$	69.83	\$	21.21	\$ 123.21	0.95
288 Gallon	6	\$ 32.17	\$	69.83	\$	31.81	\$ 133.81	1.43

	FY 2023														
Container Size		Collections per Week													
(Cubic Yards)		1		2		3		4		5		6			
2	\$	138.87	\$	181.22	\$	223.57	\$	265.92	\$	308.27	\$ 3	350.62			
3	\$	142.59	\$	188.65	\$	234.72	\$	280.79	\$	326.86	\$ 3	372.92			
96 Gallon	\$	45.58	\$	58.98	\$	72.39	\$	85.79	\$	99.20	\$ 3	112.60			
192 Gallon	\$	47.34	\$	62.52	\$	77.69	\$	92.86	\$	108.03	\$ 3	123.21			
288 Gallon	\$	49.11	\$	66.05	\$	82.99	\$	99.93	\$	116.87	\$:	133.81			

Year 3									
Container	Per Week				MON	THI	LY		
Size	Frequency	Со	ntainer	Cd	ollection	D	isposal	Total	
2	1	\$	99.19	\$	35.53	\$	7.56	\$ 142.27	2
3	1	\$	99.19	\$	35.53	\$	11.34	\$ 146.05	3
96 Gallon	1	\$	33.06	\$	11.84	\$	1.80	\$ 46.70	0.48
192 Gallon	1	\$	33.06	\$	11.84	\$	3.59	\$ 48.50	0.95
288 Gallon	1	\$	33.06	\$	11.84	\$	5.39	\$ 50.29	1.43
2	2	\$	99.19	\$	71.05	\$	15.11	\$ 185.36	2
3	2	\$	99.19	\$	71.05	\$	22.67	\$ 192.92	3
96 Gallon	2	\$	33.06	\$	23.68	\$	3.59	\$ 60.34	0.48
192 Gallon	2	\$	33.06	\$	23.68	\$	7.18	\$ 63.93	0.95
288 Gallon	2	\$	33.06	\$	23.68	\$	10.78	\$ 67.52	1.43
2	3	\$	99.19	\$	106.58	\$	22.67	\$ 228.44	2
3	3	\$	99.19	\$	106.58	\$	34.01	\$ 239.78	3
96 Gallon	3	\$	33.06	\$	35.53	\$	5.39	\$ 73.98	0.48
192 Gallon	3	\$	33.06	\$	35.53	\$	10.78	\$ 79.37	0.95
288 Gallon	3	\$	33.06	\$	35.53	\$	16.16	\$ 84.75	1.43
2	4	\$	99.19	\$	142.11	\$	30.23	\$ 271.53	2
3	4	\$	99.19	\$	142.11	\$	45.34	\$ 286.64	3
96 Gallon	4	\$	33.06	\$	47.37	\$	7.18	\$ 87.62	0.48
192 Gallon	4	\$	33.06	\$	47.37	\$	14.37	\$ 94.80	0.95
288 Gallon	4	\$	33.06	\$	47.37	\$	21.55	\$ 101.98	1.43
2	5	\$	99.19	\$	177.64	\$	37.79	\$ 314.61	2
3	5	\$	99.19	\$	177.64	\$	56.68	\$ 333.50	3
96 Gallon	5	\$	33.06	\$	59.21	\$	8.98	\$ 101.26	0.48
192 Gallon	5	\$	33.06	\$	59.21	\$	17.96	\$ 110.24	0.95
288 Gallon	5	\$	33.06	\$	59.21	\$	26.94	\$ 119.22	1.43
2	6	\$	99.19	\$	213.16	\$	45.34	\$ 357.70	2
3	6	\$	99.19		213.16	\$	68.01	380.37	3
96 Gallon	6	\$	33.06	\$	71.05	\$	10.78	\$ 114.89	0.48
192 Gallon	6	\$	33.06	\$	71.05	\$	21.55	\$ 125.67	0.95
288 Gallon	6	\$	33.06	\$	71.05	\$	32.33	\$ 136.45	1.43

			FY 2024			
Container Size			Colle	ections per \	Neek	
(Cubic Yards)	1	2	3	4	5	6
2	\$ 142.27	\$ 185.36	\$ 228.44	\$ 271.53	\$ 314.61	\$ 357.70
3	\$ 146.05	\$ 192.92	\$ 239.78	\$ 286.64	\$ 333.50	\$ 380.37
96 Gallon	\$ 46.70	\$ 60.34	\$ 73.98	\$ 87.62	\$ 101.26	\$ 114.89
192 Gallon	\$ 48.50	\$ 63.93	\$ 79.37	\$ 94.80	\$ 110.24	\$ 125.67
288 Gallon	\$ 50.29	\$ 67.52	\$ 84.75	\$ 101.98	\$ 119.22	\$ 136.45

Year 4								
Container	Per Week			MON	ГΗΙ	LY		
Size	Frequency	Co	ontainer	ollection		isposal	Total	
2	1	\$	101.94	\$ 36.16	\$	7.68	\$ 145.78	2
3	1	\$	101.94	\$ 36.16	\$	11.52	\$ 149.62	3
96 Gallon	1	\$	33.98	\$ 12.05	\$	1.83	\$ 47.86	0.48
192 Gallon	1	\$	33.98	\$ 12.05	\$	3.65	\$ 49.68	0.95
288 Gallon	1	\$	33.98	\$ 12.05	\$	5.48	\$ 51.51	1.43
2	2	\$	101.94	\$ 72.32	\$	15.36	\$ 189.62	2
3	2	\$	101.94	\$ 72.32	\$	23.04	\$ 197.30	3
96 Gallon	2	\$	33.98	\$ 24.11	\$	3.65	\$ 61.74	0.48
192 Gallon	2	\$	33.98	\$ 24.11	\$	7.30	\$ 65.39	0.95
288 Gallon	2	\$	33.98	\$ 24.11	\$	10.95	\$ 69.04	1.43
2	3	\$	101.94	\$ 108.48	\$	23.04	\$ 233.46	2
3	3	\$	101.94	\$ 108.48	\$	34.56	\$ 244.98	3
96 Gallon	3	\$	33.98	\$ 36.16	\$	5.48	\$ 75.62	0.48
192 Gallon	3	\$	33.98	\$ 36.16	\$	10.95	\$ 81.09	0.95
288 Gallon	3	\$	33.98	\$ 36.16	\$	16.43	\$ 86.57	1.43
2	4	\$	101.94	\$ 144.64	\$	30.72	\$ 277.30	2
3	4	\$	101.94	\$ 144.64	\$	46.08	\$ 292.66	3
96 Gallon	4	\$	33.98	\$ 48.21	\$	7.30	\$ 89.49	0.48
192 Gallon	4	\$	33.98	\$ 48.21	\$	14.60	\$ 96.79	0.95
288 Gallon	4	\$	33.98	\$ 48.21	\$	21.90	\$ 104.10	1.43
2	5	\$	101.94	\$ 180.79	\$	38.40	\$ 321.14	2
3	5	\$	101.94	\$ 180.79	\$	57.60	\$ 340.34	3
96 Gallon	5	\$	33.98	\$ 60.26	\$	9.13	\$ 103.37	0.48
192 Gallon	5	\$	33.98	\$ 60.26	\$	18.25	\$ 112.50	0.95
288 Gallon	5	\$	33.98	\$ 60.26	\$	27.38	\$ 121.62	1.43
2	6	\$	101.94	\$ 216.95	\$	46.08	\$ 364.98	2
3	6	\$	101.94	\$ 216.95	\$	69.12	\$ 388.02	3
96 Gallon	6	\$	33.98	\$ 72.32	\$	10.95	\$ 117.25	0.48
192 Gallon	6	\$	33.98	\$ 72.32	\$	21.90	\$ 128.20	0.95
288 Gallon	6	\$	33.98	\$ 72.32	\$	32.85	\$ 139.15	1.43

FY 2025												
Container Size						Colle	cti	ons per \	Nee	ek		
(Cubic Yards)		1		2		3		4		5		6
2	\$	145.78	\$	189.62	\$	233.46	\$	277.30	\$	321.14	\$	364.98
3	\$	149.62	\$	197.30	\$	244.98	\$	292.66	\$	340.34	\$	388.02
96 Gallon	\$	47.86	\$	61.74	\$	75.62	\$	89.49	\$	103.37	\$	117.25
192 Gallon	\$	49.68	\$	65.39	\$	81.09	\$	96.79	\$	112.50	\$	128.20
288 Gallon	\$	51.51	\$	69.04	\$	86.57	\$	104.10	\$	121.62	\$	139.15

Year 5									
Container	Per Week				MON	ГΗΙ	LY		
Size	Frequency	Co	ontainer	Cd	ollection	D	isposal	Total	
2	1	\$	104.78	\$	36.81	\$	7.80	\$ 149.39	2
3	1	\$	104.78	\$	36.81	\$	11.71	\$ 153.29	3
96 Gallon	1	\$	34.93	\$	12.27	\$	1.85	\$ 49.05	0.48
192 Gallon	1	\$	34.93	\$	12.27	\$	3.71	\$ 50.91	0.95
288 Gallon	1	\$	34.93	\$	12.27	\$	5.56	\$ 52.76	1.43
2	2	\$	104.78	\$	73.62	\$	15.61	\$ 194.01	2
3	2	\$	104.78	\$	73.62	\$	23.41	\$ 201.81	3
96 Gallon	2	\$	34.93	\$	24.54	\$	3.71	\$ 63.18	0.48
192 Gallon	2	\$	34.93	\$	24.54	\$	7.42	\$ 66.88	0.95
288 Gallon	2	\$	34.93	\$	24.54	\$	11.13	\$ 70.59	1.43
2	3	\$	104.78	\$	110.43	\$	23.41	\$ 238.62	2
3	3	\$	104.78	\$	110.43	\$	35.12	\$ 250.33	3
96 Gallon	3	\$	34.93	\$	36.81	\$	5.56	\$ 77.30	0.48
192 Gallon	3	\$	34.93	\$	36.81	\$	11.13	\$ 82.86	0.95
288 Gallon	3	\$	34.93	\$	36.81	\$	16.69	\$ 88.43	1.43
2	4	\$	104.78	\$	147.24	\$	31.22	\$ 283.23	2
3	4	\$	104.78	\$	147.24	\$	46.83	\$ 298.84	3
96 Gallon	4	\$	34.93	\$	49.08	\$	7.42	\$ 91.42	0.48
192 Gallon	4	\$	34.93	\$	49.08	\$	14.84	\$ 98.84	0.95
288 Gallon	4	\$	34.93	\$	49.08	\$	22.26	\$ 106.26	1.43
2	5	\$	104.78	\$	184.04	\$	39.02	\$ 327.85	2
3	5	\$	104.78	\$	184.04	\$	58.54	\$ 347.36	3
96 Gallon	5	\$	34.93	\$	61.35	\$	9.27	\$ 105.55	0.48
192 Gallon	5	\$	34.93	\$	61.35	\$	18.55	\$ 114.82	0.95
288 Gallon	5	\$	34.93	\$	61.35	\$	27.82	\$ 124.10	1.43
2	6	\$	104.78	\$	220.85	\$	46.83	\$ 372.46	2
3	6	\$	104.78	\$	220.85	\$	70.24	\$ 395.88	3
96 Gallon	6	\$	34.93	\$	73.62	\$	11.13	\$ 119.67	0.48
192 Gallon	6	\$	34.93	\$	73.62	\$	22.26	\$ 130.80	0.95
288 Gallon	6	\$	34.93	\$	73.62	\$	33.39	\$ 141.93	1.43

FY 2026												
Container Size						Colle	cti	ons per \	Ne	ek		
(Cubic Yards)		1		2		3		4		5		6
2	\$	149.39	\$	194.01	\$	238.62	\$	283.23	\$	327.85	\$ 3	372.46
3	\$	153.29	\$	201.81	\$	250.33	\$	298.84	\$	347.36	\$ 3	395.88
96 Gallon	\$	49.05	\$	63.18	\$	77.30	\$	91.42	\$	105.55	\$ 1	L19.67
192 Gallon	\$	50.91	\$	66.88	\$	82.86	\$	98.84	\$	114.82	\$ 1	L30.80
288 Gallon	\$	52.76	\$	70.59	\$	88.43	\$	106.26	\$	124.10	\$ 1	L41.93

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Commercial Roll-Off

Line No.		Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
1	Direct Costs					
2	Roll-Off	\$ 316,856	\$ 325,163	\$ 333,766	\$ 342,675	\$ 351,901
3	Indirect Costs					
4	Street Sweeping	\$ 35,000	\$ 35,790	\$ 36,608	\$ 37,455	\$ 38,333
5	Leaf Collection	-	-	-	-	-
6	Household Hazardous Waste	-	-	-	-	-
7	Container Maintenance	12,497	12,932	13,382	13,848	14,332
8	Roadside Cleanup	8,906	9,196	9,497	9,809	10,134
9	Administration	286,152	297,156	308,602	320,505	332,885
10	Subtotal Indirect Costs	\$ 342,554	\$ 355,073	\$ 368,088	\$ 381,618	\$ 395,684
11	Disposal Costs	\$ 123,211	\$ 126,475	\$ 129,823	\$ 133,256	\$ 136,776
12	Total Cost of Service	\$ 782,621	\$ 806,712	\$ 831,677	\$ 857,549	\$ 884,362
13	Estimated Annual Pulls					
14	Charged Standard Roll-Off Pulls	1,800	1,800	1,800	1,800	1,800
15	Compactor pulls	170	170	170	170	170
16	Recycling Pulls	700	700	700	700	700
17	Total Pulls	2,670	2,670	2,670	2,670	2,670
18	Cost per Pull	\$ 293.12	\$ 302.14	\$ 311.49	\$ 321.18	\$ 331.22

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Drop-Off Recycling

Line No.			Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
1	Direct Costs						
2	Drop-Off Recycling	\$	85,262	\$ 86,416	\$ 87,617	\$ 88,868	\$ 90,171
3	Indirect Costs						
4	Street Sweeping	\$	9,418	\$ 9,511	\$ 9,610	\$ 9,713	\$ 9,822
5	Leaf Collection		-	-	-	-	-
6	Household Hazardous Waste		-	-	-	-	-
7	Container Maintenance		3,363	3,437	3,513	3,591	3,672
8	Roadside Cleanup		2,396	2,444	2,493	2,544	2,597
9	Administration		77,000	78,972	81,011	83,118	85,298
10	Subtotal Indirect Costs	\$	92,177	\$ 94,364	\$ 96,626	\$ 98,967	\$ 101,390
11	Roll-Off Costs	\$	205,182	\$ 211,497	\$ 218,043	\$ 224,826	\$ 231,855
12	Total Cost of Service	\$	382,621	\$ 392,277	\$ 402,286	\$ 412,660	\$ 423,415
13	Tons		502	502	502	502	502
14	Cost per Ton	\$	63.55	\$ 65.15	\$ 66.82	\$ 68.54	\$ 70.33
15	Households		13,327	13,327	13,327	13,327	13,327
16	Cost per Household per Month	\$	2.39	\$ 2.45	\$ 2.52	\$ 2.58	\$ 2.65

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Over/(Under) Recovery at Current Rates

Line No.		Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
1	Residential Collection & Drop-Off Recycling					
2	Net Revenue Requirement	\$ 2,603,162	\$ 2,665,877	\$ 2,730,724	\$ 2,797,781	\$ 2,867,133
3	Revenue	\$ 2,643,354	\$ 2,642,694	\$ 2,642,694	\$ 2,642,694	\$ 2,642,694
4	Over/(Under) Recovery	\$ 40,192	\$ (23,183)	\$ (88,030)	\$ (155,087)	\$ (224,439)
5	Cumulative Over/(Under) Recovery	\$ 40,192	\$ 17,009	\$ (71,021)	\$ (226,108)	\$ (450,547)
6	Commercial Dumpsters					
7	Net Revenue Requirement	\$ 2,468,699	\$ 2,548,182	\$ 2,630,598	\$ 2,716,056	\$ 2,804,667
8	Revenue	\$ 1,452,135	\$ 1,466,656	\$ 1,481,323	\$ 1,496,136	\$ 1,511,098
9	Over/(Under) Recovery	\$ (1,016,564)	\$ (1,081,525)	\$ (1,149,275)	\$ (1,219,920)	\$ (1,293,569)
10	Cumulative Over/(Under) Recovery	\$ (1,016,564)	\$ (2,098,089)	\$ (3,247,364)	\$ (4,467,284)	\$ (5,760,853)
11	Commercial Roll-Off					
12	Net Revenue Requirement	\$ 577,440	\$ 595,214	\$ 613,634	\$ 632,724	\$ 652,507
13	Revenue	\$ 425,512	\$ 426,664	\$ 427,829	\$ 429,004	\$ 430,192
14	Over/(Under) Recovery	\$ (151,928)	\$ (168,550)	\$ (185,806)	\$ (203,719)	\$ (222,315)
15	Cumulative Over/(Under) Recovery	\$ (151,928)	\$ (320,478)	\$ (506,283)	\$ (710,003)	\$ (932,317)
16	Total Net Revenue Requirement	\$ 5,649,301	\$ 5,809,273	\$ 5,974,956	\$ 6,146,561	\$ 6,324,306
17	Total Revenue	\$ 4,521,001	\$ 4,536,015	\$ 4,551,846	\$ 4,567,835	\$ 4,583,983
18	Total Over/(Under) Recovery	\$ (1,128,300)	\$ (1,273,258)	\$ (1,423,110)	\$ (1,578,726)	\$ (1,740,323)
19	Total Cumulative Over/(Under) Recovery	\$ (1,128,300)	\$ (2,401,558)	\$ (3,824,668)	\$ (5,403,394)	\$ (7,143,717)

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Proposed Rates

		Year 1 Y 2022	Year 2 Y 2023	Year 3 Y 2024	Year 4 FY 2025	Year 5 Y 2026
Residential Cart Service						
\$ Increase		\$ 1.50	\$ 1.00	\$ 1.00	\$ 1.00	\$ -
96 gal cart initial fee	\$ 15.50	\$ 17.00	\$ 18.00	\$ 19.00	\$ 20.00	\$ 20.00
64 gal cart initial fee	\$ 13.50	\$ 15.00	\$ 16.00	\$ 17.00	\$ 18.00	\$ 18.00
32 gal cart initial fee	\$ 11.50	\$ 13.00	\$ 14.00	\$ 15.00	\$ 16.00	\$ 16.00
additional cart collection	\$ 5.00	\$ 7.00	\$ 9.00	\$ 9.00	\$ 9.00	\$ 9.00
Commercial Roll-Off						
\$ Increase		\$ 20.00	\$ 20.00	\$ 20.00	\$ 20.00	\$ -
Standard Roll off	\$ 148.00	\$ 168.00	\$ 188.00	\$ 208.00	\$ 228.00	\$ 228.00
Compactor	\$ 215.00	\$ 235.00	\$ 255.00	\$ 275.00	\$ 295.00	\$ 295.00
Rental Fee (Daily)	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00	\$ 10.00

Commercial Cart Service

Current Rates

Carts 96 gallons

	Collections Per Week												
	1 2 3												
1	\$	15.50	\$	31.00	\$	46.50							
2	\$	20.50	\$	41.00	\$	61.50							
3	\$	25.50	\$	51.00	\$	76.50							

\$ Rate Increase FY 2022

Carts 96 gallons

	\$ 5.00				
	Col	lecti	ons Per W	eek	
	1		2		3
1	\$ 20.50	\$	41.00	\$	61.50
2	\$ 25.50	\$	51.00	\$	76.50
3	\$ 30.50	\$	61.00	\$	91.50

\$ Rate Increase

FY 2023

Carts 96 gallons

	\$ 2.00				
	Col	lecti	ons Per W	eek	
	1		2		3
1	\$ 22.50	\$	45.00	\$	67.50
2	\$ 27.50	\$	55.00	\$	82.50
3	\$ 32.50	\$	65.00	\$	97.50

\$ Rate Increase FY 2024

Carts 96 gallons

	\$ 2.00				
	Col	lecti	ons Per W	eek	
	1		2		3
1	\$ 24.50	\$	49.00	\$	73.50
2	\$ 29.50	\$	59.00	\$	88.50
3	\$ 34.50	\$	69.00	\$	103.50

\$ Rate Increase FY 2025

Carts 96 gallons

	Ş	2.00				
		Col	lecti	ons Per W	eek	
		1		2		3
1	\$	26.50	\$	53.00	\$	79.50
2	\$	31.50	\$	63.00	\$	94.50
3	\$	36.50	\$	73.00	\$	109.50

\$ Rate Increase FY 2026

Carts 96 gallons

	\$ -				
	Col	lecti	ons Per W	eek	
	1		2		3
1	\$ 26.50	\$	53.00	\$	79.50
2	\$ 31.50	\$	63.00	\$	94.50
3	\$ 36.50	\$	73.00	\$	109.50

Commercial Container Service

Current Rates

Cubic Yard Capacity

	Collections Per Week														
	1 2 3 4 5 6														
2	\$	62.00	\$	97.00	\$	146.00	\$	194.00	\$	243.00	\$	291.00			
3	\$	82.00	\$	105.00	\$	158.00	\$	211.00	\$	263.00	\$	316.00			

% Increase

FY 2022

Cubic Yard Capacity

		30.00%										
					(Collections	Per	Week				
1 2 3 4 5 6												6
2	\$	81.00	\$	126.00	\$	190.00	\$	252.00	\$	316.00	\$	378.00
3	\$	107.00	\$	137.00	\$	205.00	\$	274.00	\$	342.00	\$	411.00

% Increase

FY 2023

Cubic Yard Capacity

	10.00%							
			(Collections	Per	Week		
	1	2		3		4	5	6
2	\$ 89.00	\$ 139.00	\$	209.00	\$	277.00	\$ 348.00	\$ 416.00
3	\$ 118.00	\$ 151.00	\$	226.00	\$	301.00	\$ 376.00	\$ 452.00

% Increase

FY 2024

Cubic Yard Capacity

	10.00%							
			(Collections	Per	Week		
	1	2		3		4	5	6
2	\$ 98.00	\$ 153.00	\$	230.00	\$	305.00	\$ 383.00	\$ 458.00
3	\$ 130.00	\$ 166.00	\$	249.00	\$	331.00	\$ 414.00	\$ 497.00

% Increase

FY 2025

Cubic Yard Capacity

	10.00%							
			(Collections	Per	Week		
	1	2		3		4	5	6
2	\$ 108.00	\$ 168.00	\$	253.00	\$	336.00	\$ 421.00	\$ 504.00
3	\$ 143.00	\$ 183.00	\$	274.00	\$	364.00	\$ 455.00	\$ 547.00

% Increase

FY 2026

Cubic Yard Capacity

	0.00%							
			(Collections	Per	Week		
	1	2		3		4	5	6
2	\$ 108.00	\$ 168.00	\$	253.00	\$	336.00	\$ 421.00	\$ 504.00
3	\$ 143.00	\$ 183.00	\$	274.00	\$	364.00	\$ 455.00	\$ 547.00

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Over/(Under) Recovery at Proposed Rates

Line No.		Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
1	Residential Collection & Drop-Off Recycling					
2	Net Revenue Requirement	\$ 2,603,162	\$ 2,665,877	\$ 2,730,724	\$ 2,797,781	\$ 2,867,133
3	Revenue	\$ 2,954,496	\$ 3,185,676	\$ 3,345,600	\$ 3,505,524	\$ 3,505,524
4	Over/(Under) Recovery	\$ 351,334	\$ 519,799	\$ 614,876	\$ 707,743	\$ 638,391
5	Cumulative Over/(Under) Recovery	\$ 351,334	\$ 871,133	\$ 1,486,009	\$ 2,193,752	\$ 2,832,143
6	Commercial Dumpsters					
7	Net Revenue Requirement	\$ 2,468,699	\$ 2,548,182	\$ 2,630,598	\$ 2,716,056	\$ 2,804,667
8	Revenue	\$ 1,890,456	\$ 2,101,919	\$ 2,333,797	\$ 2,589,020	\$ 2,614,910
9	Over/(Under) Recovery	\$ (578,243)	\$ (446,262)	\$ (296,801)	\$ (127,036)	\$ (189,757)
10	Cumulative Over/(Under) Recovery	\$ (578,243)	\$ (1,024,506)	\$ (1,321,307)	\$ (1,448,343)	\$ (1,638,100)
11	Commercial Roll-Off					
12	Net Revenue Requirement	\$ 577,440	\$ 595,214	\$ 613,634	\$ 632,724	\$ 652,507
13	Revenue	\$ 464,912	\$ 505,464	\$ 546,029	\$ 586,604	\$ 587,792
14	Over/(Under) Recovery	\$ (112,528)	\$ (89,750)	\$ (67,606)	\$ (46,119)	\$ (64,715)
15	Cumulative Over/(Under) Recovery	\$ (112,528)	\$ (202,278)	\$ (269,883)	\$ (316,003)	\$ (380,717)
16	Total Net Revenue Requirement	\$ 5,649,301	\$ 5,809,273	\$ 5,974,956	\$ 6,146,561	\$ 6,324,306
17	Total Revenue	\$ 5,309,864	\$ 5,793,060	\$ 6,225,425	\$ 6,681,148	\$ 6,708,226
18	Total Over/(Under) Recovery	\$ (339,437)	\$ (16,213)	\$ 250,469	\$ 534,587	\$ 383,920
19	Total Cumulative Over/(Under) Recovery	\$ (339,437)	\$ (355,650)	\$ (105,181)	\$ 429,406	\$ 813,326

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Reserves at Proposed Rates

Line No.		Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
1	Fund					
2	Beginning Balance	\$ 1,000,000	\$ 1,066,254	\$ 1,574,145	\$ 880,797	\$ 493,927
3	Additions:					
4	Capital Contributions	\$ 980,691	\$ 980,691	\$ 980,691	\$ 980,691	\$ 980,691
5	Interest	10,000	10,663	15,741	8,808	4,939
6	Over Recovery of Rates	-	-	250,469	534,587	383,920
7	Total Additions	\$ 990,691	\$ 991,354	\$ 1,246,902	\$ 1,524,087	\$ 1,369,550
8						
9	Reductions:					
10	Capital Outlays	\$ (585,000)	\$ (467,250)	\$ (1,940,250)	\$ (1,910,957)	\$ -
11	Under Recovery of Rates	(339,437)	(16,213)	-	-	-
12	Total Reductions	\$ (924,437)	\$ (483,463)	\$ (1,940,250)	\$ (1,910,957)	\$ -
13						
14	Ending Balance	\$ 1,066,254	\$ 1,574,145	\$ 880,797	\$ 493,927	\$ 1,863,477



Agenda Item 13.

March 31, 2022

Prepared by Jason Muninger. CFO/City Clerk

Accounting and Finance

I. SUBJECT, ATTACHMENTS, AND BACKGROUND

Take action to approve an Ordinance amending Chapter 8 of the Bartlesville Municipal Code pertaining to Garbage and Trash rates and fees.

Attachments:

Ordinance Amending Chapter 8 for FY 2022 through FY 2026

NewGen Strategies and Solutions Cost of Service and Rate Design Study

II. STAFF COMMENTS AND ANALYSIS

The City engaged to NewGen to perform a comprehensive utility rate study. NewGen provided a 5-year rate plan to recover cost of operations, maintenance and capital needs for the next five years. The proposed Ordinance for modification of Chapter 8 includes increases for the collection of solid waste. The City has already adopted year 1 of this ordinance but prior to that the City has not increased rates in this area since 2012. The analysis showed that a large portion of commercial reuse collection was being subsidized by the residential side, so proposed rates are set to bring that more inline. These rate increases are needed to recover operating costs as well as capital needs for the next four fiscal years. Staff chose to include the current years rates in this ordinance for codification and timing purposes.

III. RECOMMENDED ACTION

Staff has worked with NewGen and the staff at NewGen on numerous occasions and feels very confident in the analysis in which they have provided. Staff recommends approval.

ORDINANCE	
-----------	--

AN ORDINANCE AMENDING CHAPTER 8 OF THE BARTLESVILLE MUNICIPAL CODE PERTAINING TO GARBAGE AND TRASH RATES AND FEES FOR SERVICES IN THE SANITATION DEPARTMENTS EFFECTIVE JULY 1, 2021.

WHEREAS, it is necessary to increase the City of Bartlesville's garbage and trash fees to pay for operations, maintenance, and capital projects for fiscal year 2021-22 and beyond; and

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BARTLESVILLE, OKLAHOMA; that

Effective July 1, 2021 the following sections of Chapter 8 of the Bartlesville Municipal Code be and the same is hereby amended as follows:

Sec. 8-122. - Requirements and fees for residential properties for collection of solid waste via carts.

- (a) All residential properties with cart service shall be charged for collection by the City of Bartlesville as follows:
 - (1) The monthly fee for regular collection at the curbside for the initial cart:

Cart size	July 1, 2021	July 1, 2022	July 1, 2023	July 1, 2024	July 1, 2025
96 Gal Cart	17.00	18.00	19.00	20.00	20.00
64 Gal Cart	15.00	16.00	17.00	18.00	18.00
32 Gal Cart	13.00	14.00	15.00	16.00	16.00

(2) The monthly fee for regular collection for each cart after the initial cart is as follows:

Additional Cart Collection	July 1, 2021	July 1, 2022	July 1, 2023	July 1, 2024	July 1, 2025
Per addt'l/Cart	7.00	9.00	9.00	9.00	9.00

- (3) The fee for delivery or pick-up of a cart shall be five dollars (\$5.00) per trip. The city shall not charge a fee for up to one (1) trip during the first six (6) months of the residential properties receipt of cart services.
- (4) The fee for each refuse sticker shall be two dollars fifty cents (\$2.50) for each refuse sticker.

- (5) The fee for each yard trimmings sticker shall be one dollar (\$1.00) for each yard trimmings sticker.
- (6) The fee for each yard trimming city bag shall be one dollar (\$1.00) for each yard trimmings city bag.
- (7) Any fees levied on a per customer basis by law or regulation by the governments of the United States or the State of Oklahoma may be added to the rates provided above without amendment of the ordinance codified in this article and shall at all times be in addition to the rates.
- (8) All fees and charges levied pursuant to this chapter shall be billed at the same time and in the same manner as all other municipal utility charges and are subject to the same terms of payment, late payment penalties, and discontinuance of service for failure to pay as apply to other municipal services.
- (9) The fee for return service to a residential property shall be \$5.00 per trip. Return service is subject to the approval of the sanitation superintendent.

Sec. 8-123. - Fees for collection of solid waste from commercial properties via carts or commercial containers.

All commercial properties not served through conventional collection methods, shall be served by one (1) of the following collection methods. The appropriate method shall be established by the superintendent of the sanitation department in consultation with the property owner or manager. Fees for such service shall be as follows:

(1) Monthly fees for cart service.

Beginning July 1st, 2021

96 gal Carts	Collections Per Week			
	1	2	3	
One	\$20.50	\$41.00	\$61.50	
Two	25.50	51.00	76.50	
Three	30.50	61.00	91.50	

Beginning July 1st, 2022

96 gal Carts	Collections Per Week			
	1 2 3			
One	\$22.50	\$45.00	\$67.50	
Two	27.50	55.00	82.50	
Three	32.50	65.00	97.50	

Beginning July 1st, 2023

96 gal Carts	Collections Per Week			
	1	2	3	
One	\$24.50	\$49.00	\$73.50	
Two	29.50	59.00	88.50	
Three	34.50	69.00	103.50	

Beginning July 1st, 2024

96 gal Carts	Collections Per Week			
	2 3			
One	\$26.50	\$53.00	\$79.50	
Two	31.50	63.00	94.50	
Three	36.50	73.00	109.50	

(2) Monthly fees for commercial container service.

Beginning July 1st, 2021

Container Size	Collections Per Week						
	1	1 2 3 4 5					
2 cu. yard	\$81.00	\$126.00	\$190.00	\$252.00	\$316.00	\$378.00	
3 cu. yard	107.00	137.00	205.00	274.00	342.00	411.00	

Beginning July 1st, 2022

Container Size	Collections Per Week					
	1 2 3 4 5 6					
2 cu. yard	\$89.00	\$139.00	\$209.00	\$277.00	\$348.00	\$416.00
3 cu. yard	118.00	151.00	226.00	301.00	376.00	452.00

Beginning July 1st, 2023

Container Size	Collections Per Week					
	1 2 3 4 5 6					
2 cu. yard	\$98.00	\$153.00	\$230.00	\$305.00	\$383.00	\$458.00
3 cu. yard	130.00	166.00	249.00	331.00	414.00	497.00

Beginning July 1st, 2024

Container Size	Collections Per Week					
	1	2	3	4	5	6
2 cu. yard	\$108.00	\$168.00	\$253.00	\$336.00	\$421.00	\$504.00
3 cu. yard	143.00	183.00	274.00	364.00	455.00	547.00

In the event additional collections per week is requested beyond normal scheduled collection per week, City shall charge twenty dollars (\$20.00) per cart or two-cubic-yard container yard container and twenty five dollars (\$25.00) per 3 cu. yard container.

In the event commercial container service is ordered and subsequently discontinued, proration of the monthly fee is not permitted. A minimum charge of one (1) month's service will be made.

Where commercial container service is shared among a group of commercial properties, the charge may be allocated in an equitable manner among the commercial properties. The allocation of charges shall be determined by the director of the solid waste department of the city, provided, no individual commercial property may pay a fee less than one-third (1/3) of the rate for monthly service based on the container size and frequency of collection as provided above.

A refundable deposit shall be made for commercial container service if no other utility services are provided by the city on the account. The deposit shall be no less than the monthly fee for one (1) month to be paid by the customer.

Sec. 8-124. - Fees for roll-off service.

Roll-off service is available to customers who purchase or rent a roll-off container meeting the specifications of the City of Bartlesville. Fees for services to a roll-off container shall be as follows:

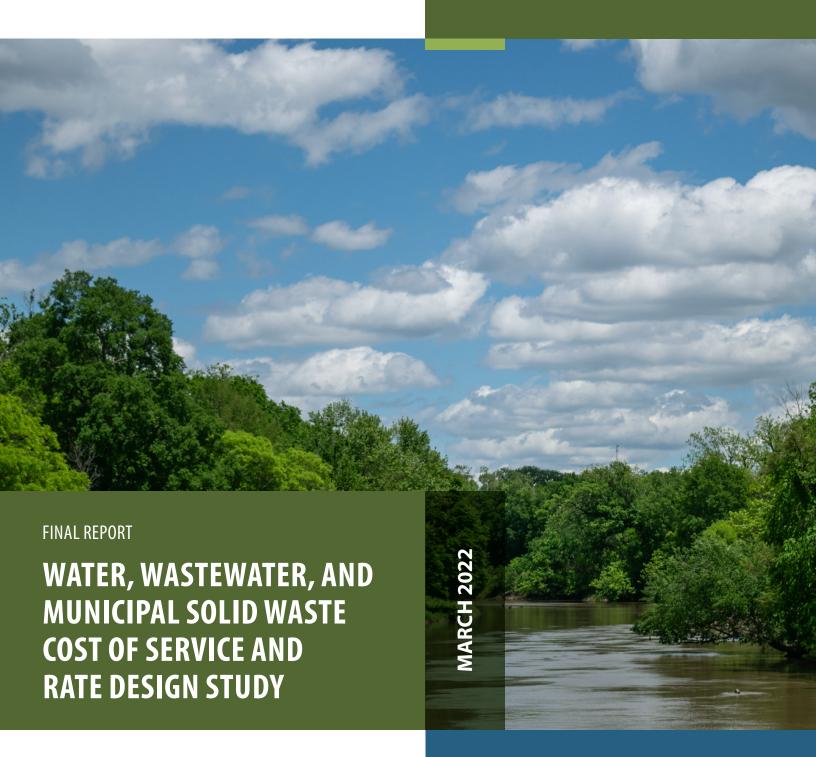
Beginning	July 1 st , 2021	July 1 st , 2022	July 1 st , 2023	July 1 st , 2024
Standard roll Off	\$168.00	\$188.00	\$208.00	\$228.00
Compactor	\$235.00	\$255.00	\$275.00	\$295.00
Rental Fee(Daily)	\$10.00	\$10.00	\$10.00	\$10.00

Service to roll-off containers is subject to the approval of the director of the solid waste department. Service may be denied if provision of such service would present a hazard to the city's personnel or equipment.

APPROVED BY THE CITY COUNCIL	AND SIGNED BY THE MAYOR OF THE CITY OF BARTLESVILLE THIS
DAY OF	, 2022.
	Marray
	Mayor
ATTEST:	
City Clerk	



www.newgenstrategies.net





Prepared for: City of Bartlesville, Oklahoma 401 S. Johnstone Ave. Bartlesville, OK 74003

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8140 North Mopac Expressway

Suite 1-240 Austin, TX 78759 Phone: (512) 806-7713

March 15, 2022

Mr. Jason Muninger CFO/City Clerk City of Bartlesville 401 S. Johnstone Ave. Bartlesville, OK 74003

Subject: Water, Wastewater, and Solid Waste Cost of Service and Rate Design Study – Final Report

Dear Mr. Muninger:

NewGen Strategies and Solutions, LLC (NewGen) is pleased to present its Final Report to the City of Bartlesville detailing the analysis, findings, and recommendations resulting from the Water, Wastewater, and Solid Waste Cost of Service and Rate Design Study.

The study equitably distributes costs between the three utilities to ensure each utility works toward meeting its own projected revenue requirements. Overall, we found all three utilities to be in good financial shape, with only modest changes recommended with regard to the City's current water, wastewater, and solid waste rates. Further, the rates are projected to generate the necessary revenue to ensure the financial integrity of the water, wastewater, and solid waste utilities.

We thank you for the opportunity to provide our professional services to the City of Bartlesville and would like to express our sincere appreciation to you and your staff for supplying the needed information and data. On review, should you require additional information or clarification as to the contents of this report, please contact Mr. Dave Yanke at 512.649.1254 or via email at dyanke@newgenstrategies.net.

Very truly yours,

DocuSigned by:

-500E94C76CC84BC

David S. Yanke President



Final Report

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· ·	
Solid Waste Cost of Service and Rate Design Study	ТАВ В









TAB A. WATER AND WASTEWATER

MARCH 2022

WATER, WASTEWATER, AND
MUNICIPAL SOLID WASTE
COST OF SERVICE AND RATE DESIGN STUDY



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Section 1 INTRODUCTION

The City of Bartlesville (City) retained NewGen Strategies and Solutions, LLC (NewGen) to perform an independent water and wastewater cost of service and rate design study (Study). As part of the Study, NewGen was requested to forecast revenue requirements and rates for Fiscal Year (FY) 2022 through FY 2026. This Study describes the analysis performed for the City and makes recommendations with respect to rates to be charged to the City's water and wastewater customers.

Regular reviews of the performance of a utility's water and wastewater rates are an integral part of the management of any water and wastewater utility, and failure to monitor the City's rates can result in the need for significant rate actions. NewGen recommends that, going forward, the City continues its practice of regularly monitoring and reviewing the performance of its rates and perform rate adjustments, when necessary, to preserve the financial integrity of the water and wastewater utility.

The analysis performed by NewGen is designed to take into account the foreseeable changes from the current fiscal year (FY 2022) through FY 2026. The goal is to construct a planning tool with which the City can gain an understanding of the issues that need to be addressed during the Study's planning horizon. As with any forecast, assumptions must be made and the City should be aware that the actual rates required may be different from the projected rates outlined in this Study due to unforeseen changes in key assumptions, such as system growth, inflation, etc.

Current Utility Operations

The City provides wholesale water to nine wholesale customers in addition to its retail customers, composed of approximately 15,321 connections. Wastewater service is provided to retail customers, comprised of approximately 13,044 residential wastewater customers.

For the twelve month period ending in September 2020, a period of "typical" rainfall, retail customers were billed for approximately 1,260,000,000 gallons of treated water. During the same time period, wholesale customers were billed for approximately 379,506,300 gallons of treated water.

The City's primary sources of water supply are the City-owned Hudson Lake, located north and west of the City, and Hulah Lake, owned by the U.S. Army Corps of Engineers.

Current Retail Rates

The water and wastewater rate structure currently consists of a three-part rate design composed of 1) a minimum monthly charge for all customers; and 2) a volumetric charge per 1,000 gallons for all consumption; and 3) a capital investment fee charge per 1,000 gallons for all consumption. The minimum monthly charge increases with the increasing meter size, which is consistent with industry best management practices. The current retail water meter rates are shown in Table 1-1.



Table 1-1 Current Monthly Meter Rates: Water¹

Meter Size	Retail
<1"	\$15.19
1"	\$37.98
1.5"	\$75.95
2"	\$121.52
3"	\$227.85
4"	\$379.75
6"	\$759.50
8"	\$1215.20

Outside City Limits rates are 125% of Inside City rate.

The City uses a five-tiered volumetric water rate structure for customers with a meter size 3" or smaller, and a flat volumetric rate for customers with meters larger than 3". Table 1-2 lists the current volumetric rates for each retail customer type.

Table 1-2
Current Volumetric Rates: Water¹

Garrone Foramouro Factor Fractor						
Water Consumption (per 1,000 Gallons)	3" or Smaller	Greater than 3"				
0–2,000 gallons	\$ -	\$ -				
2,001–10,000 gallons	\$4.27	\$4.27				
10,001–25,000 gallons	\$4.70	\$4.27				
25,001–50,000 gallons	\$5.12	\$4.27				
> 50,000 gallons	\$5.55	\$4.27				

^{1.} Outside City Limits rates are 125% of Inside City rate.

The Water Capital Investment Fee is based on a flat rate of \$0.85 per 1,000 gallons of consumption.

The City's wastewater rate structure includes a minimum bill, a volumetric rate, and a wastewater capital investment fee. The residential monthly volumetric average is determined by multiplying a 1.2 multiplier times the average water consumption for the lowest three bills issued in January, February, March, and April for residential customers. Commercial customers are billed based on 100% of actual water consumption. The current wastewater rates are shown in Table 1-3.

Table 1-3
Current Wastewater Rates¹

	Rate
Minimum Bill	\$9.93
Volumetric Rate ²	\$3.29
Capital Investment Fee ²	\$2.53

^{1.} Outside City Limits rates are 125% of Inside City rate.

^{2.} Rate per 1,000 gallons.

Section 2 REVENUE REQUIREMENT

There are two primary ratemaking methodologies employed in the water and wastewater utility industry: the cash basis and the utility basis. The primary difference between the cash basis and the utility basis involves the use of depreciation and return on invested capital (utility basis); versus debt service and cash capital outlays (cash basis), to reflect the cost of building and maintaining the utility's capital infrastructure. The cash basis, which is the most common method used by municipal utilities, includes operating and maintenance costs (O&M), debt service, and cash capital outlays in the revenue requirement determination. The cash basis focuses on meeting the cash demands of the utility. The cash basis is usually more easily understood by municipal utilities since it follows the traditional cash-oriented budgeting practices used by governmental entities. In addition, the cash basis is generally easier to explain to customers since the cash basis attempts to match revenues to expenditures. In performing this analysis, the Project Team has utilized the cash basis to develop the City's revenue requirement.

Test Year Revenue Requirement

NewGen reviewed historical financial results for prior fiscal years and developed a "Test Year" for the Study based on the FY 2021¹ Budget. A Test Year is a common term in rate studies that refers to an adjusted fiscal year budget that is used as a basis for setting rates. The Test Year should be representative of "typical" conditions, with adjustments for any unusual or one-time revenues or expenses. The Test Year separates costs and allocates them specifically to the water and wastewater functions, common costs such as administrative expenses were allocated 50% to water and 50% to wastewater.

The Test Year was used to develop a five-year revenue requirement forecast for FY 2022 through FY 2026. The revenue requirement identifies the amount that should be recovered from rates to fully recover the cost of providing service. To ensure the City's budget accurately reflects the cost of providing service, adjustments were made to capital costs and revenue offsets (i.e., miscellaneous revenues received by the City other than through rates). The FY 2021 Budget, adjustments, and resulting "Test Year" are shown in the Appendix, Schedule 1.

In addition, the revenue requirement forecast incorporates existing debt service and a capital improvement plan forecast. The following sub-sections summarize the notable factors affecting the projected revenue requirement.

Inflation Factors

The Test Year revenue requirement was used as the basis for the five-year financial forecast. Certain expenses were projected based on contractual terms, such as debt service payments, however, most expenses were O&M related costs and assigned one of the inflation factors outlined in Table 2-1.



¹ The City's fiscal year starts October 1 and ends September 30.

Table 2-1 Inflation Factors

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
General	2.10%	2.10%	2.10%	2.10%	2.10%
Salaries	5.00%	3.50%	3.50%	3.50%	3.50%
Benefits	5.00%	3.50%	3.50%	3.50%	3.50%
Chemicals	3.00%	3.00%	3.00%	3.00%	3.00%
Electric	3.00%	3.00%	3.00%	3.00%	3.00%
Equip Fuel	5.00%	5.00%	5.00%	5.00%	5.00%
Capital Projects	5.00%	5.00%	5.00%	5.00%	5.00%
General Fund Transfer	4.00%	4.00%	4.00%	4.00%	4.00%

To be conservative, revenue offsets are assumed to be constant over the five-year forecast.

Capital Improvement Plan

The revenue requirement incorporates a capital improvement plan (CIP) provided by the City for the five-year forecast. This capital improvement plan will be financed through a combination of debt issues and cash funded by revenues from water and wastewater rates. This will fund projects related to replacing water lines, replacing pump stations, and heavy equipment upgrades.

A capital improvement plan forecast for the FY 2022 – FY 2026 period is provided in Appendix, Schedule 2.

Debt Service

Existing Debt Service

The five-year revenue requirement forecast includes the City's outstanding debt service to ensure the annual recovery of principal and interest payments. The FY 2022 annual principal and interest payments total approximately \$3.03 million, which decrease to approximately \$2.69 million in FY 2026.

Proposed Debt Service

The City plans to issue the following three debt series within the five-year forecast: \$9.05 million in FY 2022 for Water Construction Projects, \$45 million in FY 2023 for Wastewater Treatment Plant Expansion, and \$20 million in FY 2025 for Caney PS Corridor Improvements.

Revenue Requirement Forecast

Based on the Test Year, and assumptions detailed above, NewGen developed the net revenue requirement forecast for the City. Table 2-2 shows the City's net revenue requirement for the five-year forecast period. A detailed five-year forecast is provided in Appendix, Schedule 3 and Schedule 4.

Table 2-2 Revenue Requirement Forecast

	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Water Revenue Requirement	\$10,813,910	\$10,594,764	\$10,830,509	\$10,772,627	\$11,533,492
Wastewater Revenue Requirement	\$7,477,082	\$8,364,531	\$9,660,331	\$9,923,312	\$10,534,970
Total	\$18,290,992	\$18,959,295	\$20,490,840	\$20,695,939	\$22,068,462



Section 3 RATES

In evaluating the performance of existing rates, and to project future rates, some estimation of billed water consumption is required. In making this estimation, it is necessary to consider a period of normal precipitation. If data involving abnormal weather patterns is utilized (i.e., unusually low or excessive precipitation), then the resulting revenue estimates could be too high or too low. NewGen reviewed customer billing data for the period of October 1, 2017, to September 30, 2020. From these data sets, NewGen compiled 12 months of data determined to be the closest to what normal consumption would be during a year with a "normal" level of rainfall. For purposes of the Study, NewGen used retail consumption data from October 2019 through September 2020. This projected period was used to reflect normal system operation. The Utility's actual water sales should be compared annually to the figures utilized within this Study. To the extent significant variances exist, then the rates forecasted herein may need to be amended.

Revenue Recovery from Current Rates

Table 3-1 provides a summary of the projected revenue to be realized if current rates remain unchanged. It should be noted that for the purpose of this analysis, NewGen has assumed no customer growth from FY 2022 to FY 2026. A detailed five-year forecast is provided in Appendix, Schedule 7 and Schedule 8.

Table 3-1
Projected Revenue Performance under Current Rates

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water					
Revenue	\$10,426,536	\$10,426,536	\$10,426,536	\$10,426,536	\$10,426,536
Cost of Service	\$10,813,910	\$10,594,764	\$10,830,509	\$10,772,627	\$11,533,492
Water Over / (Under)1	\$(387,374)	\$(168,228)	\$(403,973)	\$(346,091)	\$(1,106,956)
Wastewater					
Revenue	\$6,864,830	\$6,864,830	\$6,864,830	\$6,864,830	\$6,864,830
Cost of Service	\$7,477,082	\$8,364,531	\$9,660,331	\$9,923,312	\$10,534,970
Wastewater Over / (Under) 1	\$(612,252)	\$(1,499,701)	\$(2,795,501)	\$(3,058,482)	\$(3,670,140)
Total Utility Over / (Under) 1	\$(999,626)	\$(1,667,929)	\$(3,199,474)	\$(3,404,574)	\$(4,777,097)

^{1.} Any minor arithmetic deviation is due to rounding.



Proposed Water Rates

Minimum Bills

Table 3-2 reflects NewGen's proposed minimum bill rates for FY 2022 – FY 2026.

Table 3-2 Proposed Minimum Bill Rates: Water

Meter Size (inches)	Current Rates	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
3/4	\$15.19	\$16.19	\$16.19	\$16.19	\$16.19	\$17.19
1	37.98	40.48	40.48	40.48	40.48	42.98
1 ½	75.95	80.95	80.95	80.95	80.95	85.95
2	121.52	129.52	129.52	129.52	129.52	137.52
3	227.85	242.85	242.85	242.85	242.85	257.85
4	379.75	404.75	404.75	404.75	404.75	429.75
6	759.50	809.50	809.50	809.50	809.50	859.50
8	1,215.20	1,295.20	1,295.20	1,295.20	1,295.20	1,375.20

NewGen proposes the City increase the minimum bill rate by \$1.00 in FY 2022 and FY 2026.²

Volumetric Rates

The City currently uses a tiered volumetric rate for customers with a 3-inch meter or smaller and a flat volumetric rate for customers with a meter greater than 3 inches. Table 3-3 details the proposed retail volumetric rates for FY 2022 – FY 2026.

Table 3-3
Proposed Volumetric Rates: Water

Volumetric Rate (1,000 gal)	Current Rates	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
3" meter or less						
0–2,000 gallons	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2,001-10,000 gallons	4.27	4.52	4.52	4.52	4.52	4.77
10,001–25,000 gallons	4.70	4.98	4.98	4.98	4.98	5.25
25,001-50,000 gallons	5.12	5.42	5.42	5.42	5.42	5.72
>50,000 gallons	5.55	5.88	5.88	5.88	5.88	6.20
Greater than 3" meter						
0-2,000 gallons	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
>2,000 gallons	4.27	4.52	4.52	4.52	4.52	4.77

² Meters one (1) inch and larger are increased at a proportionate rate consistent with the multiplier currently used to increase minimum bills for meters that are one (1) inch and larger.

3-2

NewGen recommends a \$0.25 volumetric rate increase in FY 2022 and FY 2026 for all retail water customers.

Water Capital Investment Fee

The City also charges each customer a Water Capital Investment Fee based on water consumption per 1,000 gallons. Table 3-4 reflects NewGen's proposed Water Capital Investment Fee rates.

Table 3-4
Proposed Capital Investment Fee: Water

	Current	Year 1	Year 2	Year 3	Year 4	Year 5
	Rates	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Volumetric Rate (1,000 gal)	\$0.85	\$0.95	\$0.95	\$0.95	\$0.95	\$1.05

NewGen recommends a \$0.10 increase to the Water Capital Investment Fee in FY 2022 and FY 2026.

Wholesale Water Rates

The City provides water to nine wholesale water customers whose rates are contracted as a percentage of retail water rates, with the exception of Dewey who is charged a flat volumetric rate. Table 3-5 reflects the proposed minimum bills for wholesale customers based on the retail rates proposed in Tale 3-2.

Table 3-5
Proposed Minimum Bill Rates: Wholesale

Meter Size (inches)	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Dewey ¹	\$ -	\$ -	\$ -	\$ -	\$ -
Washington Co. #5 ²	501.89	501.89	501.89	501.89	532.89
Minnesota Water ³	80.95	80.95	80.95	80.95	85.95
2" ⁴	161.90	161.90	161.90	161.90	171.90
3" 4	303.56	303.56	303.56	303.56	322.31
4 " ⁴	505.94	505.94	505.94	505.94	537.19
6" ⁴	1011.88	1011.88	1011.88	1011.88	1,074.38
8" 4	1,619.00	1,619.00	1,619.00	1,619.00	1,719.00

- Per City Contract, Dewey is only charged a flat volumetric rate.
- 2. Per City Contract, Washington Co. #5 is charged 124% of retail water rates.
- 3. Per City Contract, Minnesota Water is charged as a 1.5" retail water customer.
- 4. Per City Contracts, all other wholesale customers are charged 125% of retail water rates.

Table 3-6 reflects the proposed volumetric water rates for wholesale customers based on the retail rates proposed in Table 3-3.

Table 3-6
Proposed Volumetric Rates: Water

Volumetric Rate (1,000 gal)	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Dewey	\$3.32	\$3.32	\$3.32	\$3.32	\$3.32
Washington Co. #5					
0-2,000 gallons	\$ -	\$ -	\$ -	\$ -	\$ -
> 2,000 gallons	5.60	5.60	5.60	5.60	5.91
Minnesota					
0-2,000 gallons	\$4.52	\$4.52	\$4.52	\$4.52	\$4.77
2,001-10,000 gallons	4.98	4.98	4.98	4.98	5.25
10,001-25,000 gallons	5.42	5.42	5.42	5.42	5.72
25,001-50,000 gallons	5.88	5.88	5.88	5.88	6.20
>50,000 gallons	4.52	4.52	4.52	4.52	4.77
Other Wholesale Customers					
0-2,000 gallons	\$ -	\$ -	\$ -	\$ -	\$ -
>2,000 gallons	5.65	5.65	5.65	5.65	5.96

Proposed Wastewater Rates

Minimum Bills

Table 3-7 lists the proposed wastewater minimum bill for all retail wastewater customers.

Table 3-7
Proposed Minimum Bill: Wastewater

	Current	Year 1	Year 2	Year 3	Year 4	Year 5
	Rates	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Retail Monthly Minimum Bill	\$9.93	\$11.93	\$13.93	\$15.93	\$17.93	\$19.93

NewGen proposes the City increase the minimum bill by \$2.00 each year from FY 2022 through FY 2026.

Volumetric Rates

The City currently charges a flat volumetric rate to every customer based on either a winter average (Residential Customers) or actual water consumption (Commercial Customers). Table 3-8 lists the proposed wastewater volumetric rates.

Table 3-8
Proposed Volumetric Rates: Wastewater

	Current	Year 1	Year 2	Year 3	Year 4	Year 5
	Rates	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Rate per 1,000 gallons	\$3.29	\$3.49	\$3.69	\$3.89	\$4.09	\$4.29

NewGen recommends the City increase the volumetric rate by \$0.20 each year from FY 2022 through FY 2026.

Wastewater Capital Investment Fee

The City charges a Wastewater Capital Investment Fee to each customer based on their water consumption per 1,000 gallons. The Wastewater Capital Investment fee is currently set by the City at \$2.53 per 1,000 gallons. NewGen <u>does not</u> propose a rate increase to the Wastewater Capital Investment Fee during the five-year period.

Projected Revenue Recovery

The rates proposed in Scenario 1 are projected to generate sufficient revenue, over the next five years, as shown in Table 3-9. A detailed five-year forecast is provided in Appendix, Schedule 9 and Schedule 10.

Table 3-9
Projected Revenue Performance under Proposed Rates

110,00	tou itovoliuo i	criorinanoc ai	idei Froposed No	4100	
	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water					
Revenue	\$11,091,140	\$11,091,140	\$11,091,140	\$11,091,140	\$11,755,740
Cost of Service	\$10,813,910	\$10,594,764	\$10,830,509	\$10,772,627	\$11,533,492
Water Over / (Under)	\$277,230	\$496,377	\$260,631	\$318,513	\$222,248
Cumulative Over / (Under) Recovery	\$277,230	\$773,607	\$1,034,238	\$1,352,751	\$1,574,999
Wastewater					
Revenue	\$7,361,676	\$7,858,521	\$8,355,367	\$8,852,213	\$9,349,059
Cost of Service	\$7,477,082	\$8,364,531	\$9,660,331	\$9,923,312	\$10,534,970
Wastewater Over / (Under)	\$(115,406)	\$(506,010)	\$(1,304,964)	\$(1,071,099)	\$(1,185,911)
Cumulative Over / (Under) Recovery ¹	\$(115,406)	\$(621,416)	\$(1,926,379)	\$(2,997,478)	\$(4,183,389)

^{1.} Wastewater Utility is utilizing approximately \$5 million in reserves towards revenue shortfall.

Average Residential Bill

Table 3-10 shows the average bill for residential customers under the proposed rates from FY 2022 – FY 2026. The average residential bill assumes an average monthly consumption of 5,800 gallons of water, 4,000 gallons of wastewater, and a ¾" meter.

Table 3-10
Average Bill – Proposed Rates (Residential)

	Current	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water (5,800 gallons)	\$36.38	\$38.88	\$38.88	\$38.88	\$38.88	\$41.41
Wastewater (4,000 gallons)	\$33.21	\$36.01	\$38.81	\$41.61	\$44.41	\$47.21
Total Bill	\$69.59	\$74.89	\$77.69	\$80.49	\$83.29	\$88.62
Variance		\$5.30	\$2.80	\$2.80	\$2.80	\$5.33
% Change		7.62%	3.74%	3.60%	3.49%	6.40%

Average Commercial Bill

Table 3-11 shows the average bill for commercial customers under the proposed rates from FY 2022 – FY 2026. The average commercial bill assumes an average monthly consumption of 15,500 gallons of water and wastewater, and a $\frac{3}{4}$ " meter.

Table 3-11
Average Bill – Proposed Rates (Commercial)

	Current	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water (15,500 gallons)	\$88.38	\$94.47	\$94.47	\$94.47	\$94.47	\$100.51
Wastewater (15,500 gallons)	\$100.15	\$105.25	\$110.35	\$115.45	\$120.55	\$125.65
Total Bill	\$188.53	\$199.72	\$204.82	\$209.92	\$215.02	\$226.16
Variance		\$11.19	\$5.10	\$5.10	\$5.10	\$11.14
% Change		5.93%	2.55%	2.49%	2.43%	5.18%

Section 4 OTHER RATE ANALYSES

After presenting the proposed water and wastewater rates to City Council in May 2021, NewGen received information that the City was considering the following alternative scenarios to the previously proposed rate design:

- Scenario 1: Funding AMI with Pay-As-You-Go
- Scenario 2: Funding AMI with Debt
- Scenario 3: Increasing the Rate Block to 15% (AMI with Pay-As-You-Go)
- Scenario 4: Increasing the Rate Block to 15% (AMI with Debt)
- Scenario 5: Five-Year Wholesale Rate Adjustment

Table 4-1 summarizes the rate increases proposed by NewGen in Section 3 (Baseline Scenario).

Table 4-1
Proposed Rate Increases (Baseline Scenario)

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water					
Minimum Bill	\$1.00	\$ -	\$ -	\$ -	\$1.00
Volumetric Rate	\$0.25	\$ -	\$ -	\$ -	\$0.25
Capital Investment Fee	\$0.10	\$ -	\$ -	\$ -	\$0.10
Wastewater					
Minimum Bill	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00
Volumetric Rate	\$0.20	\$0.20	\$0.20	\$0.20	\$0.20
Capital Investment Fee	\$ -	\$ -	\$ -	\$ -	\$ -

Rate increases shown in Tables 4-2 to 4-9 are adjustments to current rates (Tables 1-1 through 1-3) and are independent of the rate adjustments listed in Table 4-1.

Scenario 1: Funding AMI with Pay-As-You-Go

For this scenario, \$5.25 million has been added to the Capital Improvement Plan for FY 2022 – FY 2026 to fund a new AMI System and will be financed through Pay-as-You-Go funding. Table 4-2 summarizes the proposed rate increases for Scenario 1 for FY 2022 – FY 2026.



Table 4-2
Proposed Rate Increases
Scenario 1: Funding AMI with Pay-As-You-Go

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water					
Minimum Bill	\$1.25	\$ -	\$ -	\$ -	\$ -
Volumetric Rate	\$0.25	\$ -	\$ -	\$ -	\$ -
Capital Investment Fee	\$0.75	\$0.75	\$ -	\$ -	\$ -
Wastewater					
Minimum Bill	\$1.50	\$1.50	\$1.50	\$1.50	\$1.50
Volumetric Rate	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Investment Fee	\$0.35	\$0.35	\$0.25	\$0.25	\$0.25

Under Scenario 1, the utility is utilizing approximately \$950,000 in Water Capital Reserves and \$5.25 million in Wastewater Capital Reserves towards revenue shortfall.

Scenario 2: Funding AMI with Debt

For this scenario, \$5.25 million has been added to the Capital Improvement Plan for FY 2022 – FY 2026 to fund a new AMI System and will be financed though debt. For the purposes of this rate analysis, NewGen assumes the debt will be issued in FY 2022 at 3.00% interest over a 10-year term. Table 4-3 summarizes the proposed rate increases for Scenario 2 from FY 2022 – FY 2026.

Table 4-3
Proposed Rate Increases
Scenario 2: Funding AMI with Debt

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water					
Minimum Bill	\$1.00	\$ -	\$ -	\$ -	\$ -
Volumetric Rate	\$0.10	\$ -	\$ -	\$ -	\$ -
Capital Investment Fee	\$0.35	\$0.35	\$0.25	\$0.25	\$0.25
Wastewater					
Minimum Bill	\$1.50	\$1.50	\$1.50	\$1.50	\$1.50
Volumetric Rate	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Investment Fee	\$0.35	\$0.35	\$0.25	\$0.25	\$0.25

Under Scenario 2, the utility is utilizing approximately \$850,000 in Water Capital Reserves and \$5.25 million in Wastewater Capital Reserves towards the revenue shortfall.

Scenario 3: Increasing the Rate Blocks from 10% to 15% (AMI with Pay-As-You-Go)

For Scenario 3, the rate analysis includes the \$5.25 million addition to fund new AMI, financed through Pay-As-You-Go as seen in Scenario 1, and additionally increases each increment of the volumetric rate structure from 10% to 15%. Table 4-4 summarizes the proposed rate increases for Scenario 3 from FY 2022 – FY 2026.

Table 4-4
Proposed Rate Increases
Scenario 3: Increasing the Rate Block to 15% (AMI with Pay-As-You-Go)

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water					
Minimum Bill	\$1.25	\$ -	\$ -	\$ -	\$ -
Volumetric Rate	\$0.20	\$ -	\$ -	\$ -	\$ -
Capital Investment Fee	\$0.75	\$0.70	\$ -	\$ -	\$ -
Wastewater					
Minimum Bill	\$1.50	\$1.50	\$1.50	\$1.50	\$1.50
Volumetric Rate	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Investment Fee	\$0.35	\$0.35	\$0.25	\$0.25	\$0.25

Under Scenario 3, the utility is utilizing approximately \$1.1 million in Water Capital Reserves and \$5.25 million in Wastewater Capital Reserves towards revenue shortfall.

Table 4-5 shows the volumetric water rates for each consumption tier under Scenario 3's increased rate block structure.

Table 4-5
Volumetric Water Rates
Scenario 3: Increasing the Rate Block to 15% (AMI with Pay-As-You-Go)

Volumetric Rates (per 1,000 gals)	Current Rates	Rate Block Multiplier	FY 2022 Rates ¹	Rate Block Multiplier
0–2,000 gallons	\$ -	-	\$ -	-
2,001–10,000 gallons	\$4.27	1.00	\$4.47	1.00
10,001–25,000 gallons	\$4.70	1.10	\$5.14	1.15
25,001–50,000 gallons	\$5.12	1.20	\$5.81	1.30
50,001+ gallons	\$5.55	1.30	\$6.48	1.45

^{1.} Rates include \$0.20 increase proposed in FY 2022 (Table 4-4)

Scenario 4: Increasing the Rate Block from 10% to 15% (AMI with Debt)

For Scenario 4, the rate analysis includes the \$5.25 million addition to fund new AMI, financed through debt as seen in Scenario 2, and additionally increases each increment of the volumetric rate structure from 10% to 15%. Table 4-6 summarizes the proposed rate increases for Scenario 4 from FY 2022 – FY 2026.

Table 4-6
Proposed Rate Increases
Scenario 4: Increasing the Rate Block to 15% (AMI with Debt)

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water					
Minimum Bill	\$0.75	\$ -	\$ -	\$ -	\$ -
Volumetric Rate	\$0.05	\$ -	\$ -	\$ -	\$ -
Capital Investment Fee	\$0.35	\$0.30	\$0.25	\$0.20	\$0.20
Wastewater					
Minimum Bill	\$1.50	\$1.50	\$1.50	\$1.50	\$1.50
Volumetric Rate	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Investment Fee	\$0.35	\$0.35	\$0.25	\$0.25	\$0.25

Under Scenario 4, the utility is utilizing approximately \$930,000 in Water Capital Reserves and \$5.25 million in Wastewater Capital Reserves towards revenue shortfall.

Table 4-7 shows the volumetric water rates for each consumption tier under Scenario 4's increased rate block structure.

Table 4-7
Volumetric Water Rates
Scenario 4: Increasing the Rate Block to 15% (AMI with Debt)

Volumetric Rates (per 1,000 gals)	Current Rates	Rate Block Multiplier	FY 2022 Rates ¹	Rate Block Multiplier
0–2,000 gallons	\$ -	-	\$ -	-
2,001–10,000 gallons	\$4.27	1.00	\$4.32	1.00
10,001–25,000 gallons	\$4.70	1.10	\$4.97	1.15
25,001–50,000 gallons	\$5.12	1.20	\$5.62	1.30
50,001+ gallons	\$5.55	1.30	\$6.26	1.45

^{1.} Rates include \$0.05 increase proposed in FY 2022 (Table 4-6)

Scenario 5: Five-Year Wholesale Rate Adjustment

Under Scenario 5, wholesale volumetric water rates are adjusted over a five-year period starting in FY 2023 so that all wholesale customers are paying the same rate as Inside City Limits customers by FY 2027. For this rate analysis, Dewey is given its own volumetric and water capital investment fee, while all other wholesale customers will have their current 1.25 rate multiplier reduced by 5% each year until FY 2027.

Scenario 5 builds off of Scenario 3 (Tables 4-4 and 4-5) which includes funding a new AMI through Pay-As-You-Go and increasing the incremental rate block structure from 10% to 15%.

Table 4-8 summarizes the proposed rate increases for Scenario 5 from FY 2022 – FY 2026.

Table 4-8
Proposed Rate Increases
Scenario 5: 5-Year Wholesale Rate Adjustment (Builds off Scenario 3)

	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Water					
Minimum Bill	\$1.25	\$ -	\$ -	\$ -	\$ -
Volumetric Rate	\$0.20	\$ -	\$ -	\$ -	\$ -
Dewey Volumetric Rate	\$ -	\$0.23	\$0.23	\$0.23	\$0.23
Capital Investment Fee	\$0.75	\$0.65	\$ -	\$ -	\$ -
Dewey Capital Investment Fee	\$ -	\$0.45	\$0.45	\$0.45	\$0.45
Wastewater					
Minimum Bill	\$1.50	\$1.50	\$1.50	\$1.50	\$1.50
Volumetric Rate	\$ -	\$ -	\$ -	\$ -	\$ -
Capital Investment Fee	\$0.35	\$0.35	\$0.25	\$0.25	\$0.25

Under Scenario 5, the utility is utilizing approximately \$970,000 in Water Capital Reserves and \$5.25 million in Wastewater Capital Reserves towards revenue shortfall.

Table 4-9 shows the base volumetric water rates for wholesale customers from FY 2022 – FY 2027.

Table 4-9
Volumetric Water Rates
Scenario 5: 5-Year Wholesale Rate Adjustment (Builds off Scenario 3)

Wholesale Customers	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
Dewey	\$3.32	\$3.56	\$3.80	\$4.04	\$4.28	\$4.52
Washington Co. District #51	\$5.60	\$5.42	\$5.20	\$4.97	\$4.75	\$4.52
Minnesota ²	\$4.52	\$4.52	\$4.52	\$4.52	\$4.52	\$4.52
Other Wholesale Customers	\$5.65	\$5.42	\$5.20	\$5.20	\$4.75	\$4.52

^{1.} Washington Co. District #5 starts with a 1.24x rate multiplier that is reduced to 1.20x in FY 2023, then reduced by 5% each year until FY 2027.

^{2.} Minnesota is not adjusted over the 5-year period as they are currently charged Inside City Limits rates.



Section 5 RECOMMENDATIONS

Based on NewGen's financial forecast and rate experience, we recommend that the City implement the rates as developed and provided in Section 4 and shown below.

Recommended Water Rates

Table 5-1
Proposed Minimum Bill Rates: Water

Meter Size (inches)	Current Rates	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
3/4	\$15.19	\$16.19	\$16.19	\$16.19	\$16.19	\$17.19
1	37.98	40.48	40.48	40.48	40.48	42.98
1 ½	75.95	80.95	80.95	80.95	80.95	85.95
2	121.52	129.52	129.52	129.52	129.52	137.52
3	227.85	242.85	242.85	242.85	242.85	257.85
4	379.75	404.75	404.75	404.75	404.75	429.75
6	759.50	809.50	809.50	809.50	809.50	859.50
8	1,215.20	1,295.20	1,295.20	1,295.20	1,295.20	1,375.20

Table 5-2
Proposed Volumetric Rates: Water

Volumetric Rate (1,000 gal)	Current Rates	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
3" meter or less						
0-2,000 gallons	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2,001-10,000 gallons	4.27	4.52	4.52	4.52	4.52	4.77
10,001–25,000 gallons	4.70	4.98	4.98	4.98	4.98	5.25
25,001-50,000 gallons	5.12	5.42	5.42	5.42	5.42	5.72
>50,000 gallons	5.55	5.88	5.88	5.88	5.88	6.20
Greater than 3" meter						
0-2,000 gallons	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
>2,000 gallons	4.27	4.52	4.52	4.52	4.52	4.77

Table 5-3
Proposed Capital Investment Fee: Water

	Current	Year 1	Year 2	Year 3	Year 4	Year 5
	Rates	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Volumetric Rate (1,000 gal)	\$0.85	\$0.95	\$0.95	\$0.95	\$0.95	\$1.05

Recommended Wastewater Rates

Table 5-4
Proposed Minimum Bill: Wastewater

	Current	Year 1	Year 2	Year 3	Year 4	Year 5
	Rates	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Retail Monthly Minimum Bill	\$9.93	\$11.93	\$13.93	\$15.93	\$17.93	\$19.93

Table 5-5
Proposed Volumetric Rates: Wastewater

	Current	Year 1	Year 2	Year 3	Year 4	Year 5
	Rates	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Rate per 1,000 gallons	\$3.29	\$3.49	\$3.69	\$3.89	\$4.09	\$4.29

Table 5-6
Proposed Capital Investment Fee: Wastewater

	Current	Year 1	Year 2	Year 3	Year 4	Year 5
	Rates	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Rate per 1,000 gallons	\$2.53	\$2.53	\$2.53	\$2.53	\$2.53	\$2.53

Reserves Under Recommended Rates

Table 5-7 reflects the Water Operating Reserve and Water Capital Reserve balances from FY 2022 – FY 2026 under the recommended rates.

Table 5-7
Reserve Balances: Water

	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Water Operating Reserve					
Beginning Balance	\$ -	\$943,688	\$1,718,460	\$2,325,233	\$2,743,457
Additions	10,251,516	10,260,953	10,268,700	10,274,768	10,827,807
Reductions	9,307,828	9,486,181	9,661,926	9,856,544	9,834,910
Operating Reserve Ending Balance	\$943,688	\$1,718,460	\$2,325,233	\$2,743,457	\$3,736,354
Water Capital Reserve					
Beginning Balance	\$1,000,000	\$343,542	\$78,019	\$(250,158)	\$(326,616)
Additions	1,109,557	1,102,992	1,100,337	1,099,557	1,215,299
Reductions	1,766,015	1,368,515	1,428,515	1,176,015	1,958,515
Capital Reserve Ending Balance	\$343,542	\$78,019	\$(250,158)	\$(326,616)	\$(1,069,832)
Total Water Ending Balance	\$1,287,230	\$1,796,479	\$2,075,075	\$2,416,841	\$2,666,523

Over the five-year period, the utility draws an average of approximately \$1.5 million per year from capital reserves. Operating revenues under the recommended rates sufficiently cover the negative water capital reserve balances in FY 2024 – FY 2026, leaving a total water ending balance of \$2.6 million in FY 2026.

Table 5-8 reflects the Wastewater Operating Reserve and Wastewater Capital Reserve balances from FY 2022 – FY 2026 under the recommended rates.

Table 5-8
Reserve Balances: Wastewater

	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Wastewater Operating Reserve					
Beginning Balance	\$ -	\$309,453	\$1,005,799	\$2,090,154	\$3,591,166
Additions	5,231,142	5,731,082	6,234,891	6,742,581	7,254,437
Reductions	4,921,689	5,034,737	5,150,536	5,241,569	5,363,227
Operating Reserve Ending Balance	\$309,453	\$1,005,799	\$2,090,154	\$3,591,166	\$5,482,376
Wastewater Capital Reserve					
Beginning Balance	\$5,800,000	\$5,433,141	\$4,288,211	\$1,951,833	\$(579,858)
Additions	2,363,141	2,359,472	2,348,023	2,324,659	2,305,141
Reductions	2,730,000	3,504,402	4,684,402	4,856,350	5,346,350
Capital Reserve Ending Balance	\$5,433,141	\$4,288,211	\$1,951,833	\$(579,858)	\$(3,621,068)
Total Wastewater Ending Balance	\$5,742,594	\$5,294,010	\$4,041,987	\$3,011,307	\$1,861,308

Over the five-year period, the utility draws approximately \$8 million from wastewater capital reserves. Operating revenues under the recommended rates sufficiently cover the negative wastewater capital reserve balances in FY 2025 – FY 2026, leaving a total wastewater ending balance of \$1.8 million in FY 2026.

Appendix List of Schedules

List of Schedules

Schedule 1	Test Year – Water & Wastewater
Schedule 2	Capital Improvement Plan – Baseline Scenario
Schedule 3	Water Five-Year Revenue Requirement Forecast
Schedule 4	Wastewater Five-Year Revenue Requirement Forecast
Schedule 5	Water Cost of Service
Schedule 6	Wastewater Cost of Service
Schedule 7	Water Revenue Reconciliation – Current Rates
Schedule 8	Wastewater Revenue Reconciliation – Current Rates
Schedule 9	Water Revenue Reconciliation – Proposed Rates
Schedule 10	Wastewater Revenue Reconciliation – Proposed Rates
Schedule 11	Proposed Reserves – Baseline Scenario





Bartlesville, Oklahoma
Water and Wastewater Cost of Service and Rate Design Study

								Cost of Service and Ra Test Year									
	ccount	Description		FY 2018 Budget	FY 2018 Actual	FY 2019 Budget	FY 2019 Actual	FY 2020 Budget	FY 2020 Actual	FY 2021 Budget	Adjustments	Test Year No	Allocation tes: Water Wa	n stewater	<u>Te</u> Water	est Year Wastewater	Inflation Fa
Expenses																	
Wastewater																	
5097100 W	/WTP 5097100 52310	LItI/Comm	s	2050 6	3.424	\$ 3.500 \$	3.417 S	3.500 S	7.727 \$	3.500	\$	3.500	0%	100%		\$ 3,500	Consent
	5097100 52310	Prof Servc	\$	2,850 \$	3,424 S	\$ 3,500 \$	3,417 \$	3,500 \$	7,727 \$	3,500	\$	3,500	0%	100% 5	-	\$ 3,500	General General
	5097100 52410	OthService		23.700	20.084	27,158	21,838	23,963	3,390	23,750		23.750	0%	100%		23.750	General
	5097100 52510	MaintServ		40,300	24,961	34,600	26,380	45,399	46,496	25,000		25,000	0%	100%		25,000	General
	5097100 52610	Oper Serv		2.267.568	2.078.603	2,535,869	2.535.869	2,383,414	2.383.413	2,416,977		2.416.977	0%	100%	-	2,416,977	General
	5097100 52710	Tools&Equ		2,207,308	3,963	2,333,603	2,333,609	2,303,414	2,303,413	2,410,577		2,410,577	0%	100%		2,410,377	General
	5097100 53610	MaintMat			14,853		100		202				0%	100%			General
	5097100 55940	Mach&Equip		-		_		_	216	_		-	0%	100%	_		General
	5097100 55980	Cap of FA		-	-	_	-	_	-	_		-	0%	100%	_		General
	5097100 55990	Depr		-	-	_	-	_	-	_		-	0%	100%	_		General
6757100	675710052410	Prof Servc		-	-	-	9,950	17,000	5,600	-			0%	100%	-		General
	675710052610	MaintServ		-	10,027	-	2,710	16,140	520			-	0%	100%	-		General
	675710055920	Buil&Struc		2,500,000	-	-	-	3,000,000		3,000,000	(3,000,000)		0%	100%	-	-	General
	675710055930	Oth Imprv		175,000	-	91,200	91,200	50,000	18,674	100,000	(100,000)	-	0%	100%	-	-	General
	675710055940	Mach&Equip		12,000	10,927	115,000	72,173	170,000	-	-		-	0%	100%	-	-	General
	675710055960	Veh&Equip		35,000	13	157,485	152,980	-	-	200,000	(200,000)	-	0%	100%	-	-	General
		Total WWTP	\$	5,056,418 \$	2,166,955 \$	2,964,811 \$	2,916,616 \$	5,709,416 \$	2,466,239 \$	5,769,227 \$	(3,300,000) \$	2,469,227		5	-	\$ 2,469,227	
5007450 145																	
5097150 W	/W Maintenance	Calarias		437.252 *	425.545	440.000 *	350 *** *	350,000 *	225.545 *	450.044		460.044	001	10001		¢	Calasir -
	5097150 51110 5097150 51120	Salaries OT	\$	427,353 \$ 10.000	426,645 \$ 5.094	418,000 \$ 11.000	369,411 \$ 5.397	350,000 \$ 11.000	335,545 \$ 3.921	469,014 11.000	\$	469,014 11.000	0% 0%	100% 5	-	\$ 469,014 11.000	Salaries Salaries
	5097150 51120	FICA		32,945	31.595	32.000	27.732	29.000	24.602	35.946		35.946	0%	100%	-	35.946	Salaries
	5097150 51130	Health Ins		32,945 83,827	31,595 87,994	96,751	99.646	114,000	114,000	35,946 99,696		35,946 99.696	0%	100%	-	99,696	Benefits
	5097150 51140	DB Retire		56.379	55,236	52.000	27.097	18.000	12,255	27.100		27.100	0%	100%		27.100	Benefits
	5097150 51150	DC Retire		7.120	5,600	6.000	9.010	11.000	11.109	13.062		13.062	0%	100%		13.062	Benefits
	5097150 51133	Work Comp		60.639	60,639	7,596	7,795	10.918	10.918	6.325		6.325	0%	100%		6.325	Benefits
	5097150 51170	Unemploy		,	,	- ,	58	,	,	-		-,	0%	100%	-	-,323	Benefits
	5097150 52110	Emp Svcs		7,400	9,340	9,374	9,862	9,000	6,551	9,850		9,850	0%	100%		9,850	General
	5097150 52310	Utl/Comm		600	757	750	240	375	436	2,500		2,500	0%	100%	-	2,500	General
	5097150 52410	Prof Servc		13,000	1,894	13,000	9,879	13,150	3,350	23,000		23,000	0%	100%	-	23,000	General
	5097150 52510	OthService		3,500	2,647	3,600	2,383	7,500	8,283	9,500		9,500	0%	100%	-	9,500	General
	5097150 52610	MaintServ		20,000	27,007	23,000	6,383	26,000	21,260	35,000		35,000	0%	100%	-	35,000	General
	5097150 52810	Ins&Bonds		-	-		1,160		1,000	-			0%	100%	-		General
	5097150 53110	Offeq&Furn		-	135	-	-	-	231	2,000		2,000	0%	100%	-	2,000	General
	5097150 53210	Jani Supp		-	-	-	-	-	-	-		-	0%	100%	-	-	General
	5097150 53310	Gen Supp		11,200	7,197	11,200	10,269	11,200	5,307	11,200		11,200	0%	100%	-	11,200	General
	5097150 53410	Tools&Equ		14,950	25,760	21,200	4,298	11,700	32,623	11,500		11,500	0%	100%	-	11,500	General
	5097150 53510	Fuel		20,000	22,323	22,500	22,588	22,500	14,914	22,500		22,500	0%	100%	-	22,500	Equip Fuel
	5097150 53610	MaintMat		70,000	82,322	75,399	72,537	81,647	80,069	75,000		75,000	0%	100%	-	75,000	General
	5097150 53910	Inv Adj		10,600	11,475	-	-	-		-		-	0%	100%	-	-	General
	5097150 55930 5097150 55980	Oth Imprv		-	-	-	-	-	-	-		-	0%	100%	-	-	General
	5097150 55980	Cap of FA Depr		-	-	-	-	-	-	-		-	0%	100%	-	-	General
6757150	6757150 52510	OthService		-	72,917	99,482	103,960	68,160	7,849			-	0%	100%	-	-	General
6/3/130	6757150 53410	Tools&Equ		-	72,917	99,462	105,960	08,100	7,049	-		-	0%	100%	-		General
	6757150 53410	MaintMat		-	_		_	_	_	_		_	0%	100%	_	_	General
	6757150 55930	Oth Imprv		98,720	_	1,113,162	134	664,022	578,107	225,000	(225,000)	_	0%	100%	_	_	General
	6757150 55940	Mach&Equip			-	50,000	81,746	50,000	50,000	,	(===)===)	-	0%	100%	_		General
	6757150 55950	Offeg&Furn		-	-					-			0%	100%	-		General
	6757150 55960	Veh&Equip		35,000	13	113,369	33,369	-	-	-		-	0%	100%	-	-	General
		Total WW Main	\$	983,233 \$	936,589 \$	2,179,382 \$	904,953 \$	1,509,172 \$	1,322,330 \$	1,089,193 \$	(225,000) \$	864,193		- 5	-	\$ 864,193	
710000 BN	MASwrFund																
	7100000 52210 7100000 52220	Fin Svcs BadDbt WO	\$	- \$ 158	1.087	s - s	- \$	- \$	- \$	-	\$	-	0%	100% \$	-	\$ -	General General
	7100000 52220 7100000 52910	BadDbt WO Debt-Int		158 1,500	1,087	1,500	806	1,500	14,480	1,000	(620)	380	0% 0%	100%	-	380	General None
	7100000 52910	Debt-Int Debt-Prin		28.000	27.625	28.000	27.625	28.000	14,480	28.000	(620)	27.625	0%	100%	-	27.625	None
	/100000 52911	Total BMASwr Fund	5	28,000 29,658 S	27,625				28.292 S	28,000 29,000 \$			U76	100%			NOTIC
			,	,050 5	_5,050 4	. 25,500 \$	20,430 3	_5,500 3	_3,232 3	_5,000 3	(223) 3	_5,005		,		- 20,003	
509900 Int	terfund Transfers																
	509000059101	Transfer to Gen	\$	1,072,034 \$	1,072,034 \$	1,139,941 \$	1,139,941 \$	1,232,871 \$	1,232,871 \$	1,322,219	\$	1,322,219	0%	100%	-	\$ 1,322,219	General
	509000059663	Transfer to Col.				25,000	25,000	25,000	25,000	25,000		25,000	0%	100%		\$ 25,000	General
	509000059670	Transfer to Stab		84,803	84,803	86,503	86,503	87,815	87,815	92,945		92,945	0%	100%	-	\$ 92,945	General
	509000059675	Transfer to Cap.		-	-	-	-	-	-				0%	100%	-	\$ -	General
		Total Interfund Transfers	\$	1,156,837 \$	1,156,837 \$	1,251,444 \$	1,251,444 \$	1,345,686 \$	1,345,686 \$	1,440,164 \$	- \$	1,440,164			-	\$ 1,440,164	
_																	
v	Wastewater Total Expen	ses	\$	7,226,146 \$	4,290,038 \$	6,425,137 \$	5,101,444 \$	8,593,774 \$	5,162,547 \$	8,327,584 \$	(3,525,995) \$	4,801,589			-	\$ 4,801,589	
Vater																	
5101950 Fle	eet Main																
	5101950 55990	Depr	Ś	- S	- 9	s - s	- S	- s	- S		Ś		100%	0%		\$ -	General
		Total Fleet Main	\$	- \$	- \$	- \$	- \$	- \$	- \$	- \$	- \$	-		0% _5	-	\$ -	
			ŕ	•	·	•	•	•	•	•	•			,		•	
5107200 W																	
	5107200 51110	Salaries	\$	643,160 \$	625,224 \$				582,246 \$	644,428	\$		100%	0% 5			Salaries
	5107200 51120	OT		33,000	29,689	34,000	20,437	34,000	20,496	34,000		34,000	100%	0%	34,00		Salaries
	5107200 51130	FICA		49,389	47,614	48,000	44,637	50,000	44,135	50,000		50,000	100%	0%	50,00		Benefits
	5107200 51140	Health Ins		114,310	114,831	131,933	132,303	156,000	156,000	135,950		135,950	100%	0%	135,95		Benefits
		DB Retire		66,620	53,125	45,000	44,902	43,000	38,337	44,000		44,000	100%	0%	44,00		Benefits
	5107200 51150												100%	0%	19.00		
	5107200 51155	DC Retire		16,180	15,747	19,000	16,243	20,000	16,470	19,000		19,000					Benefits
	5107200 51155 5107200 51170	Work Comp		30,950	30,950	10,358	10,358	8,054	8,054	4,666		4,666	100%	0%	4,66	6 -	Benefits
	5107200 51155				15,747 30,950 9,948 496,350		16,243 10,358 6,349 399,663			19,000 4,666 9,600 527,000						6 - 0 -	

Bartlesville, Oklahoma
Water and Wastewater Cost of Service and Rate Design Study

							Wate	r and Wastewater Co	ost of Service and Ra Test Year	ate Design Study								
Line					FY 2018	FY 2018	FY 2019	FY 2019	FY 2020	FY 2020	FY 2021			Allocation	1	Test Yea	<u>r</u>	
No.	Acc	count	Description		Budget	Actual	Budget	Actual	Budget	Actual	Budget	Adjustments	Test Year Notes:	Water Was	stewater	Water	Wastewater	Inflation Factor
82 83		5107200 52410 5107200 52510	Prof Servo		2,500 286.000	4,799 100.454	2,500 293,265	2,730 95.567	27,500 287.510	2,650 113.660	27,500 166.200		27,500 166.200	100% 100%	0% 0%	27,500 166,200		# General
83 84		5107200 52510	OthService MaintServ		286,000 258,550	100,454 242,546	293,265 280,211	95,567 180.407	287,510 273,150	113,660	166,200 306.050		166,200 306.050	100%	0%	166,200 306.050	-	General General
85		5107200 52710	Oper Serv		230,330	242,540	200,211	100,407	273,130	29,878	300,030		300,030	100%	0%	300,030		General
86		5107200 53110	Offeq&Furn		2,000	1,696	2,000	8,209	4,500	913	3,000		3,000	100%	0%	3,000	-	General
87		5107200 53210	Jani Supp		2,000	2,422	2,000	2,031	2,000	5,464	5,000		5,000	100%	0%	5,000		General
88		5107200 53310	Gen Supp		754,000	600,050	728,798	648,684	701,000	417,219	701,000		701,000	100%	0%	701,000	-	General
89		5107200 53410	Tools&Equ		5,500	6,233	16,566	16,623	9,500	18,035	9,500		9,500	100%	0%	9,500	-	General
90		5107200 53510	Fuel		6,000	2,828	4,000	2,276	4,000	4,645	6,000		6,000	100%	0%	6,000	-	Equip Fuel
91 92		5107200 53610	MaintMat Inv Adi		169,500	122,712	133,399	124,602	150,000	84,025	126,000		126,000	100%	0%	126,000	-	General General
92 93		5107200 53910 5107200 55930	Oth Imprv		-	16,207		-	-		-		-	100%	0%			General
94		5107200 55940	Mach&Equip		-	-	-	68,102	-	9,500			-	100%	0%	-	-	General
95		5107200 55980	Cap of FA					-		-				100%	0%			General
96		5107200 55990	Depr		-	-	-	-	-	-	-		-	100%	0%	-	-	General
97	6757200	675720051110	Salaries		-	3,314	-	-	-	-	-		-	100%	0%	-	-	Salaries
98		675720051130	FICA		-	254	-	-	-	-	-		-	100%	0%	-	-	Benefits
99 100		675720051140 675720051150	Health Ins DB Retire			546 730	-	-	-	-	-		-	100%	0%		-	Benefits Benefits
100		675720051150 675720052410	DB Retire Prof Servo		-	9,000	-	70,000	500,000	304,950	-		-	100%	0%	-	-	General General
101		675720052410	Offeq&Furn			9,000		70,000	500,000	304,930	10,000	(10,000)		100%	0%			General
103		675720053110	MaintMat		-	9.556	-	_	-	-	-	(10,000)	-	100%	0%	_	_	General
104		675720055930	Oth Imprv		292,200	117,173	7,010,000	-	9,200,000	49,952	9,050,000	(9,050,000)	-	100%	0%	-	-	General
105		675720055940	Mach&Equip		262,800	12,943	5,000	7,519	-				-	100%	0%		-	General
106		675720055960	Veh&Equip		50,000	13	51,703	41,703	25,000	25,000	25,000	(25,000)	-	100%	0%		-	General
107			Total WaterPlant	\$	3,554,259 \$	2,676,953 \$	9,975,333 \$	2,536,047 \$	12,661,814 \$	2,522,268 \$	11,903,894 \$	(9,085,000) \$	2,818,894			\$ 2,818,894 \$	-	
108	5107250 Wa	iterAdm																
109		5107250 51110	Salaries	\$	179,523 \$	179,001 \$	180,000 \$	176,331 \$	183,000 \$	185,741 \$	191,626	\$	191,626	100%	0%	\$ 191,626 \$	-	Salaries
110		5107250 51120	OT		-	-	-	-	-	-	-		-	100%	0%	-	-	Salaries
111		5107250 51130	FICA		14,193	12,916	14,000	12,718	14,000	13,430	14,500		14,500	100%	0%	14,500	-	Benefits
112 113		5107250 51140 5107250 51150	Health Ins DB Retire		15,241 39,545	15,312 39,325	17,591 37,000	17,642 35,885	21,000 36,000	21,000 35,255	18,127 38,000		18,127 38,000	100% 100%	0%	18,127 38,000	-	Benefits Benefits
114		5107250 51150	Work Comp		39,345	39,323	1.381	1.381	537	53,233	311		311	100%	0%	30,000		Benefits
115		5107250 52110	Emp Svcs		1.750	899	1,750	1,463	1.750	1.643	1.750		1.750	100%	0%	1.750		Benefits
116		5107250 52310	Utl/Comm		12,000	8,325	10,500	8,762	10,500	8,545	10,500		10,500	100%	0%	10,500	-	General
117		5107250 52410	Prof Servc		46,000	42,000	56,000	46,571	56,750	38,500	46,750		46,750	100%	0%	46,750	-	General
118		5107250 52510	OthService		6,300	5,887	6,300	6,593	6,700	8,079	6,700		6,700	100%	0%	6,700	-	General
119		5107250 52610	MaintServ		1,000	-	1,000	-	1,000	-	1,500		1,500	100%	0%	1,500	-	General
120		5107250 52710	Oper Serv		-	-	-	-	-	-	-		-	100%	0%	-	-	General
121 122		5107250 53110 5107250 53210	Offeq&Furn Jani Supp		3,000 1.800	2,254 1.691	2,500 1.800	1,724 1.343	3,850 1.800	1,589 985	2,500 1.800		2,500 1.800	100% 100%	0%	2,500 1.800	-	General General
122		5107250 53210	Gen Supp		2.500	2.401	2,500	2.498	2,500	1.892	2,500		2,500	100%	0%	2,500		General
124		5107250 53410	Tools&Equ		2,300	2,401	2,300	2,430	2,300	1,032	2,300		2,300	100%	0%	2,300		General
125		5107250 53510	Fuel		600	706	650	490	650	873	1,000		1,000	100%	0%	1,000		Equip Fuel
126		5107250 53610	MaintMat		500	-	500	150	500	-	500		500	100%	0%	500		General
127	6757250	6757250 52410	Prof Servc			-	106,210	9,091	106,210	65,600	-		-	100%	0%	-	-	General
128		6757250 52510	OthService		-	223,548	98,720	58,230	113,025	52,714	-		-	100%	0%	-	-	General
129		6757250 55920	Buil&Struc Oth Impry		115,500	-	128.662	-	1,500,000	6,500 711.123	225,000	(225,000)	-	100%	0%	-	-	General
130 131		6757250 55930 6757250 55950	Oth Imprv Offea&Furn		98,720		128,662	-	65,000	/11,123	-		-	100% 100%	0%			General General
132		0/3/230 33330	Total WaterAdm	\$	538,172 \$	534,266 \$	667,064 \$	380,872 \$	2,124,772 \$	1,154,005 \$	563,064 \$	(225,000) \$	338,064	100%	0,0	\$ 338,064 \$		General
133	5107300 Wa																	
133	510/300 Wa	5107300 51110	Salaries	s	770,444 \$	700,490 \$	758,674 \$	682,864 \$	711,000 \$	607,109 \$	867,441	s	867,441	100%	0%	\$ 867,441 \$		Salaries
135		5107300 51110	OT	,	35,000	23,165	36,000	24,770	36,000	25,692	36,000	,	36,000	100%	0%	36,000		Salaries
136		5107300 51120	FICA		59,793	53,465	58,000	52,287	57,000	46,677	64,846		64,846	100%	0%	64,846		Benefits
137		5107300 51140	Health Ins		160,033	160,689	184,706	185,189	218,000	218,000	190,329		190,329	100%	0%	190,329	-	Benefits
138		5107300 51150	DB Retire		75,949	84,141	71,000	70,731	53,000	56,910	57,100		57,100	100%	0%	57,100	-	Benefits
139		5107300 51155	DC Retire		20,330	12,881	18,000	13,961	20,000	14,094	24,768		24,768	100%	0%	24,768	-	Benefits
140 141		5107300 51170 5107300 51180	Work Comp Unemploy		-	-	14,502	-	19,330	19,330	11,198		11,198	100%	0%	11,198	-	Benefits Benefits
141		5107300 51180	Emp Svcs		11,000	19,182	14,093	10,528	14,000	18 033	14,000		14,000	100%	0%	14,000		Benefits Renefits
143		5107300 52310	Utl/Comm		2,500	1,801	2,500	2,297	2,500	1,754	5,500		5,500	100%	0%	5,500		General
144		5107300 52410	Prof Servo		45,000	5,200	47,000	47,660	47,750	43,453	47,750		47,750	100%	0%	47,750		General
145		5107300 52510	OthService		6,000	3,998	9,500	7,745	6,000	17,138	6,000		6,000	100%	0%	6,000	-	General
146		5107300 52610	MaintServ		15,000	68,912	15,000	8,020	13,000	21,366	20,000		20,000	100%	0%	20,000	-	General
147		5107300 53110	Offeq&Furn		-	4,346	-	4,354	-	1,276	2,500		2,500	100%	0%	2,500	-	General
148 149		5107300 53210 5107300 53310	Jani Supp Gen Supp		8.000	177 8 473	8.000	271 6.008	8.000	142 5.023	8.000		8.000	100%	0%	8,000	-	General General
150		5107300 53310	Tools&Equ		8,500	10,087	17,315	10,344	8,000	22,019	8,000		8,000	100%	0%	8,000	-	General
151		5107300 53510	Fuel		30,000	35,254	35,000	40,728	37,750	32,392	40,000		40,000	100%	0%	40,000	-	Equip Fuel
152		5107300 53510	MaintMat		230,000	189,026	241,198	138,673	243,079	178,483	210,000		210,000	100%	0%	210,000		General
153		5107300 53910	Inv Adj		-	59,251	-	-	-	-	-			100%	0%	-	-	General
154		5107300 55930	Oth Imprv		-	-	-	-	-	-	-		-	100%	0%	-	-	General
155		5107300 55960	Veh&Equip		-	27,098	-	2,336	-	-	-		-	100%	0%	-	-	General
156 157		5107300 55980	Cap of FA		-	-	-	-	-	-	-		-	100%	0%	-	-	General General
157 150	6757300	5107300 55990 6757300 51110	Depr Salaries		-	-	-	-	-	-	-		-	100% 100%	0% 0%	-	-	General Salaries
150	0/3/300	6757300 51110	FICA		-	-	-	-	-	-	-		-	100%	0%	-	-	Salaries Benefits
152		6757300 51130	Health Ins		-	-	-	-	-	-	_			100%	0%	_		Benefits
153		6757300 51150	DB Retire		-	-	-	-	-	-	-		-	100%	0%	-	-	Benefits
154		6757300 51155	DC Retire		-	-	-	-	-	-	-		-	100%	0%	-	-	Benefits
155		6757300 52410	Prof Servc		-	-	-	-	-	106,358	-		-	100%	0%	-	-	General
156 157		6757300 52510 6757300 53410	OthService		-	5475 30.34	-	-	-	-	-		-	100% 100%	0%	-	-	General General
157 158		6757300 53410 6757300 53610	Tools&Equ MaintMat		-	30.34 142038.86	-	4,626 45	-	-	-			100% 100%	0% 0%	-	-	General General
130		0121200 22010	AND UTALOT		-	142030.00	-	45	-	-	-		-	10070	U76	-	-	General

Bartlesville, Oklahoma
Water and Wastewater Cost of Service and Rate Design Study

		FY 2018	FY 2018	FY 2019	FY 2019	FY 2020	FY 2020	FY 2021			Allocation		Test Ye	<u>ar</u>	
Account	Description	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Adjustments	Test Year No		tewater	Water	Wastewater	Inflation Fa
6757300 55920 6757300 55930	Buil&Struc Oth Impry	535,000	15112.88	2,152,000	-	1,700,000	14,862	2,175,000	(2,175,000)	-	100% 100%	0% 0%	-	-	General General
6757300 55940	Mach&Equip	333,000	15112.00	2,152,000	70.100	80,000	25.613	2,173,000	(2,175,000)	-	100%	0%		-	General
6757300 55940	Veh&Equip		0	450.334	29,571	157,995		75.000	(75 000)	-	100%	0%		-	General
6/5/300 55960	Ven&Equip Total WaterDist	\$ 2,047,549	\$ 1,630,293 \$	159,224 3,841,712 \$	1,413,110 \$	3,432,404 \$	117,995 1,593,720 \$	75,000 3,863,432 \$	(75,000) (2,250,000) \$	1,613,432	100%	U%	\$ 1,613,432 \$		General
	lotal waterbist	\$ 2,047,549	\$ 1,630,293 \$	3,841,712 \$	1,413,110 \$	3,432,404 \$	1,593,720 \$	3,863,432 \$	(2,250,000) \$	1,613,432			\$ 1,613,432 \$	-	
7150000 BMAWtr Fund															
7150000 52210	Fin Svcs	\$ 5,000	\$ 1,976 \$	5,000 \$	3,500 \$	5,000 \$	500 \$	5,000	\$	5,000	100%	0%	\$ 5,000 \$	-	None
7150000 52220	BadDbt WO	· · · · · · · · · · · · · · · · · · ·	2.661								100%	0%		_	None
7150000 52910	Debt-Int	1,625,000	1,386,132	1,349,000	1,331,764	1,279,000	589,181	1,300,000	(143,629)	1,156,371	100%	0%	1,156,371		None
7150000 52510	Debt-Prin	1,400,000	1,611,972	1,672,000	1.671.701	1,722,000	679.433	1,721,408	120.153	1,841,561	100%	0%	1,841,561		None
7150000 52911	Depr Depr	1,400,000	1,011,972	1,072,000	1,6/1,/01	1,722,000	079,433	1,721,408	120,155	1,041,301	100%	0%	1,041,301	-	None
7150000 55990	Total BMAWtr Fund	\$ 3,030,000	S 3.002.741 S	3,026,000 \$	3.006.965 S	3,006,000 \$	1,269,114 \$	3.026.408 \$	(23,476) \$	3.002.932	100%	U%	\$ 3,002,932 \$		None
	Total SWAVE Falls	3,030,000	, 3,002,741 ,	3,020,000 \$	3,000,303	3,000,000	1,203,214 \$	3,020,400 \$	(23,470) \$	3,002,332			ŷ 3,002,332 ŷ		
510900 Interfund Transfers															
51090059101	Transfer to Gen	\$ 1,809,027	\$ 1,809,027 \$	1,791,335 \$	1,791,335 \$	1,937,369 \$	1,937,369 \$	1,212,037	\$	1,212,037	100%	0%	\$ 1,212,037 \$	-	General Fund Tr
51090059663	Transfer to Col.	397	397	25,000	25,000	25,000	25,000	14,585		14,585	100%	0%	14,585	-	General
51090059670	Transfer to Stab	128.003	128.003	133.042	133.042	133,460	133.460	79,465		79.465	100%	0%	79.465		General
51090059675	Transfer to Cap.	16,000	16,000					.,			100%	0%	.,		General
31030033073	Total Interfund Transfers	\$ 1,953,427		1,949,377 \$	1,949,377 \$	2.095.829 S	2,095,829 \$	1,306,087 \$	- S	1,306,087	100%	0/0	\$ 1,306,087 \$		General
		. , , , , , , , , , , , , , , , , , , ,	. ,, .			,,									
Water Total Expenses		\$ 11,123,408	\$ 9,797,681 \$	19,459,486 \$	9,286,372 \$	23,320,818 \$	8,634,937 \$	20,662,885 \$	(11,583,476) \$	9,079,409			\$ 9,079,409 \$		
Proposed Debt															
r roposed Dept	Water Construction Project	\$ -	s - s	- 5	- 5	- \$	- \$	- \$	543,515 \$	543,515	100%	0%	\$ 543,515 \$	-	None
	Construction of WWTP Expansion	· ·							, 7	343,313	0%	100%	,		None
			-	-	-	-	-	-		-	0%		-	-	
	Construction of Caney PS Corridor Imprmts	-		-				-	F42.F4F *		U%	100%			None
	Proposed Debt Total	\$ -	s - s	- \$	- \$	- \$	- \$	- \$	543,515 \$	543,515			\$ 543,515 \$	-	
Capital Improvement Plan															
	Pay-as-you-go Funding	\$ -	\$ - \$	- \$	- \$	- \$	- \$	- \$	3,952,500 \$	3,952,500	31%	69%	\$ 1,222,500 \$	2,730,000	Capital Projects
	Total CIP	s -	s - s	- S	- Ś	- S	- S	- S	3.952.500 S	3.952.500			\$ 1.222.500 \$		
									.,,	.,,			, , , , , , ,	, ,	
Total Expenses		\$ 18 349 554	\$14,087,719 \$	25 884 624 \$	14 387 816 \$	31 914 592 \$	13 797 484 \$	28 990 469 \$	(10 613 457) \$	18 377 012			\$ 10,845,424	7 531 589	
		¥ ==,= .=,== .	, - ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,	,,	,, + -		,, +	(,,, +	,,			,,, ,	.,,	
Wastewater															
6750000 Capital Reserve Fund															
	WWCIF	\$ (1,793,000)	\$ (1,770,624) \$	(2,039,484) \$	(1,894,537) \$	(1,914,697) \$	(2,103,283) \$	(2,100,000) \$	2,100,000 \$		0%	100%	s - s	_	None
6750000 Capital Reserve Fund		, ,,,,,,,,	, .,. , .		1,,,			1,,,		<u>.</u>	0%	100%	<u>\$ - \$</u>		None
6750000 Capital Reserve Fund	WWCIF Total Capital Reserve Fund	\$ (1,793,000) \$ (1,793,000)	, .,. , .	(2,039,484) \$ (2,039,484) \$	(1,894,537) \$ (1,894,537) \$	(1,914,697) \$ (1,914,697) \$	(2,103,283) \$ (2,103,283) \$	(2,100,000) \$ (2,100,000) \$	2,100,000 \$ 2,100,000 \$	<u>-</u>	0%	100%	\$ - \$ \$ - \$	-	None
6750000 Capital Reserve Fund 675000044419		, ,,,,,,,,	, .,. , .		1,,,			1,,,		<u> </u>	0%	100%	\$ - \$ \$ - \$	-	None
6750000 Capital Reserve Fund		, ,,,,,,,,	\$ (1,770,624) \$		1,,,	(1,914,697) \$	(2,103,283) \$	(2,100,000) \$		<u>.</u>	0%	100%	\$ - \$ \$ - \$	<u>-</u>	None
6750000 Capital Reserve Fund 675000044419		\$ (1,793,000)	, .,. , .		1,,,		(2,103,283) \$	1,,,		- (300)	0%	100%	s - s s - s	- (300)	None
6750000 Capital Reserve Fund 675000044419 710000 BMASwrFnd 7100000 42163	Total Capital Reserve Fund Contr Lic	\$ (1,793,000)	\$ (1,770,624) \$	(2,039,484) \$	(1,894,537) \$	(1,914,697) \$		(2,100,000) \$	2,100,000 \$	(300)	0%	100%	,	- (300)	
6750000 Capital Reserve Fund 675000044419 710000 BMASwrFnd 7100000 42163 7100000 43110	Total Capital Reserve Fund Contr Lic Fed Grant	\$ (1,793,000) \$ -	\$ (1,770,624) \$	(2,039,484) \$ (400) \$	(1,894,537) \$	(1,914,697) \$ (400) \$	(2,103,283) \$	(2,100,000) \$	2,100,000 \$	(300)	0% 0%	100% 100%	,	(300)	None
6750000 Capital Reserve Fund 675000044419 710000 BMASwrFnd 7100000 42163 7100000 43110 7100000 44175	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc	\$ (1,793,000) \$ - -	\$ (1,770,624) \$ \$ (300) \$	(2,039,484) \$ (400) \$ -	(1,894,537) \$ (500) \$ -	(1,914,697) \$ (400) \$ -	(2,103,283) \$ (400) \$	(2,100,000) \$	2,100,000 \$	(300) -	0% 0% 0%	100% 100% 100%	,	(300)	None None
6750000 Capital Reserve Fund 675000044419 710000 BMASwrFnd 7100000 42163 7100000 43110 7100000 44175 710000044171	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sew Fee	\$ (1,793,000) \$ - - (3,618,856)	\$ (1,770,624) \$ \$ (300) \$ - - (3,409,840)	(2,039,484) \$ (400) \$ (3,600,507)	(1,894,537) \$ (500) \$ (3,215,805)	(1,914,697) \$ (400) \$ (3,313,763)	(2,103,283) \$ (400) \$ (3,173,185)	(2,100,000) \$ (300) (3,295,424)	2,100,000 \$ \$ 3,295,424	(300) - - -	0% 0% 0% 0%	100% 100% 100% 100%	,	(300) - - -	None None None
6750000 Capital Reserve Fund 67500004419 710000 BMASwrFnd 7100000 42163 7100000 44175 710000044112 710000044412	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sew Fee SewSvc Fee	\$ (1,793,000) \$ - - (3,618,856) (814,643)	\$ (1,770,624) \$ \$ (300) \$ - (3,409,840) (965,758)	(2,039,484) \$ (400) \$ - (3,600,507) (843,471)	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941)	(2,100,000) \$ (300) (3,295,424) (1,528,741)	2,100,000 \$	-	0% 0% 0% 0% 0%	100% 100% 100% 100% 100%	,		None None None None
6750000 Capital Reserve Fund 675000044419 710000 BMASwrFnd 7100000 42163 7100000 43110 7100000 44175 711000044411 71000044412 71000044412	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sew Fee SewSvc Fee SewSvc Fee	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998)	\$ (1,770,624) \$ \$ (300) \$ - - (3,409,840) (965,758) (10,275)	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960)	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600)	(2,100,000) \$ (300) (3,295,424) (1,528,741) (1,400)	2,100,000 \$ \$ 3,295,424	- - - - (1,400)	0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100%	,	- - - - (1,400)	None None None None
6750000 Capital Reserve Fund 67500004419 710000 BMASwrFnd 7100000 42163 7100000 44175 710000044111 710000044112	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sew Fee SewSvc Fee	\$ (1,793,000) \$ - - (3,618,856) (814,643)	\$ (1,770,624) \$ \$ (300) \$ - (3,409,840) (965,758)	(2,039,484) \$ (400) \$ - (3,600,507) (843,471)	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564)	(1,914,697) \$ (400) \$ - (3,313,763) (1,225,458)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941)	(2,100,000) \$ (300) (3,295,424) (1,528,741)	2,100,000 \$ \$ 3,295,424	-	0% 0% 0% 0% 0%	100% 100% 100% 100% 100%	,		None None None None
6750000 Capital Reserve Fund 675000044419 710000 BMASwrFnd 7100000 42163 7100000 43110 7100000 44175 711000044411 71000044412 71000044412	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sew Fee SewSvc Fee SewSvc Fee	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998)	\$ (1,770,624) \$ \$ (300) \$ - - (3,409,840) (965,758) (10,275)	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960)	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600)	(2,100,000) \$ (300) (3,295,424) (1,528,741) (1,400)	2,100,000 \$ \$ 3,295,424	- - - - (1,400)	0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100%	,	- - - - (1,400)	None None None None
6750000 Capital Reserve Fund 675000044419 710000 BMASwrFnd 7100000 42163 7100000 44175 710000044111 71000044412 71000044413 71000044413 71000044415 71000044415	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sew Fee SewSvc Fee SewSvc Fee Disch Test Int Earmed	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998)	\$ (1,770,624) \$ \$ (300) \$ - (3,409,840) (965,758) (10,275) (1,885)	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960)	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600)	(2,100,000) \$ (300) (3,295,424) (1,528,741) (1,400)	2,100,000 \$ \$ 3,295,424	- - - - (1,400)	0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100%	,	- - - - (1,400)	None None None None None None
6750000 Capital Reserve Fund 675000044419 710000 BMASwrFnd 7100000 43153 7100000 443153 710000044411 710000044412 710000044412 71000044414 71000044416 710000045211 71000004521	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sew Fee SewSor Fee SewTap Fee Disch Test Int Earmed Bad Debt Collection	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998)	\$ (1,770,624) \$ \$ (300) \$ - - (3,409,840) (965,758) (10,275)	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960)	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600)	(2,100,000) \$ (300) (3,295,424) (1,528,741) (1,400)	2,100,000 \$ \$ 3,295,424	- - - - (1,400)	0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	,	- - - - (1,400)	None None None None None None None
6750000 Capital Reserve Fund 675000044419 710000 BMASwrFnd 7100000 42163 7100000 44175 71000004411 71000004411 7100004411 7100004411 7100004412 7100004412 7100004411 7100004411 7100004411 7100004411 7100004411	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sew Fee SewSvc Fee SewTap Fee Disch Test Int Earned Bad Debt Collection Sale of FA	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998) (3,503) - -	\$ (1,770,624) \$ \$ (300) \$ - (3,409,840) (965,758) (10,275) (1,885) - (3)	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960) (5,859) -	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800) (2,177)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600) (1,870)	(2,100,000) \$ (300) (3,295,424) (1,528,741) (1,400) (3,160)	2,100,000 \$ \$ 3,295,424	- - - (1,400) (3,160) - -	0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	,	(1,400) (3,160)	None None None None None None None None
6750000 Capital Reserve Fund 675000044419 710000 BMASwrFnd 7100000 42163 7100000 44175 710000044111 71000004412 71000004412 7100004412 7100004412 7100004412 7100004413 7100004421 710000045211 710000045211 710000045211 710000045211	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sow Fee SewSor Fee SewSor Fee SewTap Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998) (3,503)	\$ (1,770,624) \$ \$ (300) \$ - (3,409,840) (965,758) (10,275) (1,885)	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960)	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600)	(2,100,000) \$ (300) (3,295,424) (1,528,741) (1,400)	2,100,000 \$ \$ 3,295,424	- - - - (1,400)	0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	,	- - - - (1,400)	None None None None None None None None
6750000 Capital Reserve Fund 675000044419 710000 BMASwrFnd 7100000 42163 7100000 44175 71000004411 71000004411 7100004411 7100004411 7100004412 7100004412 7100004411 7100004411 7100004411 7100004411 7100004411	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sew Fee SewSvc Fee SewTap Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998) (3,503) - (50,000) (7,769)	\$ (1,770,624) \$ \$ \$ (300) \$ \$ \$ \$ (300) \$ \$ \$ \$ \$ \$ (3409,840) \$ \$ (965,758) \$ (10,275) \$ (1,885) \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922)	(4,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800) (2,177) (30,000)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600) (1,870) (57,994)	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741	(1,400) (3,160) (30,000)	0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$	(1,400) (3,160) - - (30,000)	None None None None None None None None
6750000 Capital Reserve Fund 67500004419 710000 BMASwrFnd 7100000 42163 7100000 44175 710000044111 71000004412 71000004412 7100004412 7100004412 7100004413 7100004413 7100004421 7100004521 71000004521 71000004521	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sow Fee SewSor Fee SewSor Fee SewTap Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998) (3,503)	\$ (1,770,624) \$ \$ \$ (300) \$ \$ \$ \$ (300) \$ \$ \$ \$ \$ \$ (3409,840) \$ \$ (965,758) \$ (10,275) \$ (1,885) \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960) (5,859) -	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800) (2,177)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600) (1,870)	(2,100,000) \$ (300) (3,295,424) (1,528,741) (1,400) (3,160)	2,100,000 \$ \$ 3,295,424	- - - (1,400) (3,160) - -	0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	,	(1,400) (3,160)	None None None None None None None None
6750000 Capital Reserve Fund 67500004419 710000 BMASwrFnd 7100000 42163 7100000 43110 710000044111 710000044112 71000004412 71000004412 71000004416 71000004421 71000004221 71000004221 71000004221 71000004221 71000004221	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sow Fee Sew Sov Fee Sew Sov Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrfnd	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,298) (3,503) - (50,000) (7,769) \$ (4,497,769)	\$ (1,770,624) \$ (300) \$ (3,409,840) (965,758) (10,275) (1,885) (32,570) \$ (42,570) \$ \$ (4,430,630) \$	(2,039,484) \$ (400) \$ (3,500,507) (843,471) (2,960) (5,859) (40,000) (4,493,197) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) . (4,454,028) \$	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800) (2,177) (30,000) (4,573,598) \$	(2,103,283) \$ (400) \$ - (3,173,185) (1,441,941) (600) (1,870) (57,994) - (4,675,990) \$	(2,100,000) \$ (300) - (3,295,424) (1,528,741) (1,400) (3,160) (30,000) - (4,859,025) \$	2,100,000 S S 3,295,424 1,528,741	(1,400) (3,160) - - (30,000) - (34,860)	0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$	(1,400) (3,160) - - (30,000) - (34,860)	None None None None None None None None
6750000 Capital Reserve Fund 675000044419 710000 8MASwrFnd 7100000 42163 7100000 43110 710000044117 710000044112 71000004412 7100004412 7100004412 7100004412 7100004413 7100004413 7100004415 7100004521 71000004521 71000004521	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sow Fee Sew Sov Fee Sew Sov Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrfnd	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998) (3,503) - (50,000) (7,769)	\$ (1,770,624) \$ (300) \$ (3,409,840) (965,758) (10,275) (1,885) (32,570) \$ (42,570) \$ \$ (4,430,630) \$	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960) (5,859) (40,000) (4,493,197) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800) (2,177) (30,000) (4,573,598) \$	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600) (1,870) (57,994)	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741	(1,400) (3,160) (30,000)	0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$	(1,400) (3,160) - - (30,000)	None None None None None None None None
6750000 Capital Reserve Fund 67500004419 710000 BMASwrFnd 7100000 42163 7100000 43110 710000044111 710000044112 71000004412 71000004412 71000004416 71000004421 71000004221 71000004221 71000004221 71000004221 71000004221	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sow Fee Sew Sov Fee Sew Sov Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrfnd	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,298) (3,503) - (50,000) (7,769) \$ (4,497,769)	\$ (1,770,624) \$ (300) \$ (3,409,840) (965,758) (10,275) (1,885) (32,570) \$ (42,570) \$ \$ (4,430,630) \$	(2,039,484) \$ (400) \$ (3,500,507) (843,471) (2,960) (5,859) (40,000) (4,493,197) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) . (4,454,028) \$	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800) (2,177) (30,000) (4,573,598) \$	(2,103,283) \$ (400) \$ - (3,173,185) (1,441,941) (600) (1,870) (57,994) - (4,675,990) \$	(2,100,000) \$ (300) - (3,295,424) (1,528,741) (1,400) (3,160) (30,000) - (4,859,025) \$	2,100,000 S S 3,295,424 1,528,741	(1,400) (3,160) - - (30,000) - (34,860)	0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$	(1,400) (3,160) - - (30,000) - (34,860)	None None None None None None None None
6750000 Capital Reserve Fund 67500004419 710000 BMASwrFnd 7100000 42163 7100000 43110 7100000 44111 71000004411 71000044413 71000044416 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sow Fee Sew Sov Fee Sew Sov Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrfnd	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,298) (3,503) - (50,000) (7,769) \$ (4,497,769)	\$ (1,770,624) \$ (300) \$ (3,409,840) (965,758) (10,275) (1,885) (32,570) \$ (42,570) \$ \$ (4,430,630) \$	(2,039,484) \$ (400) \$ (3,500,507) (843,471) (2,960) (5,859) (40,000) (4,493,197) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) . (4,454,028) \$	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800) (2,177) (30,000) (4,573,598) \$	(2,103,283) \$ (400) \$ - (3,173,185) (1,441,941) (600) (1,870) (57,994) - (4,675,990) \$	(2,100,000) \$ (300) - (3,295,424) (1,528,741) (1,400) (3,160) (30,000) - (4,859,025) \$	2,100,000 S S 3,295,424 1,528,741	(1,400) (3,160) - - (30,000) - (34,860)	0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$	(1,400) (3,160) - - (30,000) - (34,860)	None None None None None None None None
6750000 Capital Reserve Fund 67500004419 710000 BMASwrFnd 7100000 42163 7100000 43110 7100000 44151 71000004411 71000004412 71000004412 71000004416 71000045211 71000045211 71000045211 71000045211 71000045211 71000045211	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sew Fee Sew/Suc Fee Sew/Suc Fee Disch Trest Int Earned Bad Debt Collection Sale of FA Reimb, Contract Miscellaneous Rev Total BMASwrind	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998) (3,503) - (50,000) (7,769) \$ (4,497,769)	\$ (1,770,624) \$ \$ (300) \$ (3,409,840) (965,758) (10,275) (1,885) (3) (42,570) \$ \$ (4,430,630) \$ \$ \$ (6,201,254) \$	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) (4,454,028) \$ (6,348,565) \$	(4,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800) (2,177) (30,000) (4,573,598) \$ (6,488,295) \$	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600) (1,870) (57,994) (4,675,990) \$	(3,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$	(1,400) (3,160) - - (30,000) - (34,860)	0% 0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - \$ - \$	(1,400) (3,160) - - (30,000) - (34,860)	None None None None None None None None
6750000 Capital Reserve Fund 675000044419 710000 BMASwrFnd 7100000 42163 7100000 44175 710000044111 71000004412 71000004412 71000004413 71000004413 710000044211 710000042211 71000047211 71000047211 Total Wastewater Revenue Water 715000 BMAWtrFnd 715000044611	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sww Fee SewSvc Fee SewSvc Fee Sew Tap Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrfnd	\$ (1,793,000) \$ (3,618,856) (814,643) (2,2993) (50,000) (7,769) \$ (4,497,769) \$ (6,290,769)	\$ (1,770,624) \$ (3,00) \$ (3,40),840) (965,758) (10,275) (1,885) - (3) (42,570) \$ (4,430,630) \$ \$ (6,201,254) \$	(2,039,484) \$ (400) \$ (3,600,507) (843,471) (2,960) (5,859) (40,000) (4,493,197) \$ (6,532,681) \$	(1,894,537) \$ (500) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) - (4,454,028) \$ (6,348,565) \$ (5,377,956) \$	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800) (2,177)	(2,103,283) \$ (400) \$	(2,100,000) \$ (300) - (3,295,424) (1,528,741) (1,400) (3,160) - (30,000) - (4,859,025) \$ (6,959,025) \$	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$	(1,400) (3,160) - - (30,000) - (34,860)	0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$	(1,400) (3,160) - - (30,000) - (34,860)	None None None None None None None None
6750000 Capital Reserve Fund 675000044419 710000 BMASwrFnd 7100000 42163 7100000 44151 71000004411 71000004411 71000004412 7100004416 71000004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sew Fee Sew/Sup Fee Sew/Sup Fee Disch Trest Int Earned Bad Debt Collection Sale of FA Reimb, Contract Miscellaneous Rev Total BMASwrind	\$ (1,793,000) \$ (3,618,856) (814,643) (2,998) (3,503) (50,000) (7,769) \$ (6,290,769)	\$ (1,770,624) \$ (300) \$ (3,00) \$ (3,409,840) (965,758) (10,275) (1,885) (42,570) \$ (4,430,630) \$ (6,201,254) \$ (5,781,323) \$ (3,286,439)	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) (4,454,028) \$ (6,348,565) \$	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800) (2,177) (30,000) (4,573,598) \$ (6,488,295) \$	(2,103,283) \$ (400) \$	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$	(1,400) (3,160) (3,160) (30,000) (34,860)	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - \$ \$ \$ \$ \$ \$ \$ \$	(1,400) (3,160) - - (30,000) - (34,860)	None None None None None None None None
6750000 Capital Reserve Fund 675000044419 710000 BMASwrFnd 7100000 42163 7100000 43175 710000044111 710000044121 710000044121 71000044121 710000044211 710000042211 71000042211 71000047211 71000047211 Total Wastewater Revenu Water 715000 BMAWtrFnd 715000044611 715000044611 715000044611 715000044613 715000044613	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sww Fee SewSov: Fee SewSov: Fee SewTap Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrfnd Water Use Wa Srv Fee SvcOrd Fee	\$ (1,793,000) \$ (3,618,856) (814,643) (2,998) (3,503) - (50,000) (7,769) \$ (4,497,769) \$ (6,290,769) \$ (5,920,391) (3,012,960) (40,216)	\$ (1,770,624) \$ (3,000) \$ (3,400,840) (965,758) (10,275) (1,885) (42,570) \$ (42,570) \$ (42,570) \$ (6,201,254) \$ \$ (5,781,323) \$ (3,266,439) (40,221)	(2,039,484) \$ (400) \$ (400) \$ (3,600,507) (843,471) (2,960) (5,859) (40,000) (4,493,197) \$ (6,532,681) \$	(1,894,537) \$ (500) \$	(1,914,697) \$ (400) \$	(2,103,283) \$ (400) \$	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$	(1,400) (3,160) (3,160) (30,000) (34,860) (34,860)	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - \$ \$ \$ - \$ \$ \$ - \$	(1,400) (3,160) - - (30,000) - (34,860)	None None None None None None None None
6750000 Capital Reserve Fund 67500004419 710000 BMASwrFnd 7100000 42163 7100000 43110 71000004111 71000004411 71000004411 71000004416 71000004211 7100004211 7100004211 7100004211 7100004211 7100004211 7100004211 7100004211 7100004211 7100004211 7100004211 7100004211 7100004211 715000044611 715000044611 715000044613 715000044613 715000044613	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sew Fee SewSvc Fee SewSvc Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrfnd	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998) (3,503) - (50,000) (7,759) \$ (4,497,769) \$ (5,290,769) \$ (5,290,769)	\$ (1,770,624) \$ \$ (3,000) \$ (3,409,840) (965,758) (10,275) (1,885) (3) (42,570) \$ \$ (4,430,630) \$ \$ (6,201,254) \$ \$ \$ (5,781,323) \$ (3,286,439) (40,221) (51,375)	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (225) (3,413) (29,922) (4,454,028) \$ (6,348,565) \$ (5,377,956) \$ (3,448,228) (39,093) (59,020)	(4,914,697) \$ (400) \$	(2,103,283) \$ (400) \$	(3,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$	(1,400) (3,160) (3,160) (3,000) (34,860) (34,860)	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - \$ - \$ \$ - \$	(1,400) (3,160) - - (30,000) - (34,860)	None None None None None None None None
6750000 Capital Reserve Fund 675000044419 710000 BMASwrFnd 7100000 42163 7100000 43175 710000044111 71000004412 71000004412 71000004412 71000004421 71000004421 71000004221 71000004221 71000004521 71000004521 71000004521 71000004521 71000004521 71000004521 71000004521 71000004611 71500004613 715000004614 715000004614 715000004614	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sww Fee SewSov: Fee SewSov: Fee SewTap Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrInd Water Use Wa Srv Fee SwcDrd Fee Deling Fee WirTap Fee	\$ (1,793,000) \$ (3,618,856) (814,643) (2,998) (3,503) (50,000) (7,769) \$ (6,290,769) \$ (6,290,769) \$ (5,920,391) (3,012,660) (40,216) (68,817) (30,422)	\$ (1,770,624) \$ (3,000) \$ (3,409,840) (965,758) (10,275) (1,885) (42,770) \$ (42,570) \$ (42,570) \$ (4,430,630) \$ \$ (6,201,254) \$ (5,781,323) \$ (3,266,439) (40,221) (51,375) (134,075) (134,075)	(2,039,484) \$ (400) \$ (400) \$ (3,600,507) (843,471) (2,960) (5,859) (40,000) (4,493,197) \$ (6,532,681) \$	(1,894,537) \$ (500) \$	(1,914,697) \$ (400) \$	(2,103,283) \$ (400) \$	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$	(1,400) (3,160) (3,160) (30,000) (34,860) (34,860) (44,616) (66,480) (8,734)	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$	(1,400) (3,160) - - (30,000) - (34,860)	None None None None None None None None
6750000 Capital Reserve Fund 67500004419 710000 BMASwrFnd 7100000 42163 7100000 43110 71000004411 71000004411 71000004413 71000004413 71000004211 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521 7100004521	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sew Fee SewSvc Fee SewSvc Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrfnd	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998) (3,503) - (50,000) (7,759) \$ (4,497,769) \$ (5,290,769) \$ (5,290,769)	\$ (1,770,624) \$ \$ (3,000) \$ (3,409,840) (965,758) (10,275) (1,885) (3) (42,570) \$ \$ (4,430,630) \$ \$ (6,201,254) \$ \$ \$ (5,781,323) \$ (3,286,439) (40,221) (51,375)	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (225) (3,413) (29,922) (4,454,028) \$ (6,348,565) \$ (5,377,956) \$ (3,448,228) (39,093) (59,020)	(4,914,697) \$ (400) \$	(2,103,283) \$ (400) \$	(3,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$	(1,400) (3,160) (3,160) (3,000) (34,860) (34,860)	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0%	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - \$ - \$ \$ - \$	(1,400) (3,160) - - (30,000) - (34,860)	None None None None None None None None
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6750000 Capital Reserve Fund 67500004419 710000 BMASwrFnd 7100000 42163 7100000 43110 7100000 44175 71000004411 71000004411 71000004412 71000004412 71000004413 71000004521 71000004521 7100004521 7100004613 71500004613 71500004613 71500004613 71500004613 71500004613 71500004613 71500004613 71500004613 71500004613 71500004613 71500004613 71500004613 71500004613 71500004613 71500004613 71500004613 71500004613 71500004613 71500004613	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sww Fee Sew/Swc Fee Sew/Suc Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrind Water Use Wa Srv Fee SvcOrd Fee Deling Fee Wh'T ap Fee Oth/Wr Fee Li Penalty Int Earn Misc. Revenue Bad Debt Collection Bad Oebt Collection Bad Debt Collection Bad Debt Collection Bad Debt Collection Bad Oebt Collection Bad Read Oct.	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998) (3,503) - (50,000) (7,759) \$ (4,497,769) \$ (6,290,769) \$ (5,920,391) (3,012,960) (40,216) (68,817) (30,422) (1,545) (185,532)	\$ (1,770,624) \$ (3,000) \$ (3,409,840) (965,758) (10,275) (1,885) (3) (42,570) \$ (4,430,30) \$ \$ (6,201,254) \$ (5,781,323) \$ (3,286,439) (40,221) (51,375) (12,575) (1,255) (12,575) (12,55) (228,154) (3,654) (3,654)	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) (4,454,028) \$ (6,348,565) \$ (5,377,956) \$ (3,448,228) (39,093) (59,020) (25,983) (589) (258,765)	(4,914,697) \$ (400) \$	(2,103,283) \$ (400) \$	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$	(1,400) (3,160) (3,160) (3,000) (34,860) (34,860) (44,616) (66,480) (8,734) (355)	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$	(1,400) (3,160) (3,000) (34,860) (34,860)	None None None None None None None None
6750000 Capital Reserve Fund 675000044419 710000 BMASwrFnd 7100000 42163 7100000 43175 710000044111 710000044112 710000044113 710000044114 71000004411 71000004211 71000004211 7100004211 71000047211 Total Wastewater Revenue Water 715000 BMAWtrFnd 71500004613 71500004614 71500004615 71500004618 71500004618 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004611	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WWJ/Sew Fee SewSvc Fee SewSvc Fee SewTap Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrfnd Water Use Wa Srv Fee Svc Ord Fee Deling Fee Wtr Tap Fee OthWtr Fee LT Penalty Int Earn Misc. Revenue Bad CPL Refunds	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998) (3,503) - (50,000) (7,759) \$ (4,497,769) \$ (6,290,769) \$ (5,920,391) (3,012,960) (40,216) (68,817) (30,422) (1,545) (185,532)	\$ (1,770,624) \$ (3,000) \$ (3,409,840) (965,758) (10,275) (1,885) \$ (4,430,630) \$ (42,570) \$ (4,430,630) \$ (5,781,323) \$ (5,781,323) \$ (3,286,439) (40,221) (51,375) (134,075) (1,255) (1,255) (228,154) (3,654) \$ (3,654	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) (4,454,028) \$ (6,348,565) \$ (5,377,956) \$ (3,448,228) (39,093) (59,020) (25,983) (589) (258,765)	(4,914,697) \$ (400) \$	(2,103,283) \$ (400) \$	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$	(1,400) (3,160) (3,160) (3,000) (34,860) (34,860) (44,616) (66,480) (8,734) (355)	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - \$ - \$ \$ - \$ \$ \$ - \$ \$ \$ \$ - \$	(1,400) (3,160) (3,000) (34,860) (34,860)	None None None None None None None None
6750000 Capital Reserve Fund 67500004419 710000 BMASwrFnd 7100000 42163 7100000 42163 7100000 43110 7100000 44171 710000044111 71000004411 710000044121 71000004413 710000044211 71000004521 71000004521 71000004611	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sew Fee Sew/Snc Fee Sew/Snc Fee Sew/Snc Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrind Water Use Wa Srv Fee Svc/Ord Fee Deling Fee Oth/Wr Fee Li Penally Int Earn Misc. Revenue Bad Debt Collection Real G/L Refunds Sale of FA	\$ (1,793,000) \$ - (3,618,856) (814,643) (2,998) (3,503) (7,769) \$ (6,290,769) \$ (6,290,769) \$ (5,020,391) (3,012,960) (40,216) (68,817) (30,422) (1,145) (185,532) - (1,125) - (1,125)	\$ (1,770,624) \$ (3,000) \$ (3,409,840) (965,758) (10,275) (1,885) \$ (4,430,630) \$ (42,570) \$ (4,430,630) \$ (5,781,323) \$ (5,781,323) \$ (3,286,439) (40,221) (51,375) (134,075) (1,255) (1,255) (228,154) (3,654) \$ (3,654	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) (4,454,028) \$ (6,348,565) \$ (5,377,956) \$ (3,48,228) (39,003) (59,003) (59,003) (59,003) (52,963) (589) (11,699)	(1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800) (2,177) (30,000) (4,573,598) \$ (6,488,295) \$ (5,834,858) \$ (3,584,372) (40,885) (60,012) (65,008) (2,909) (272,438)	(2,103,283) \$ (400) \$	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$ 3,791,721	(1,400) (3,160) (3,160) (30,000) (34,860) (34,860) (34,616) (66,480) (8,734) (355) (279,494) -	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - \$ - \$ \$ - \$ \$ \$ - \$ \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$ \$. \$ \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$ \$	(1,400) (3,160) (30,000) (34,860) (34,860)	None None None None None None None None
6750000 Capital Reserve Fund 67500004419 710000 BMASwrFnd 7100000 42163 7100000 43151 7100000 44175 710000044111 710000044112 710000044113 710000044114 71000004211 71000004211 71000047211 Total Wastewater Revenue Water 715000 BMAWtrFnd 71500004611 71500004613 71500004613 71500004614 71500004615 71500004615 71500004615 71500004617 71500004617 71500004618 71500004618 71500004618 71500004618 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sew Fee SewSvc Fee SewSvc Fee SewTap Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrfnd Sale Water Use Wa Srv Fee Svc Ord Fee Deling Fee Wir Tap Fee OthWir Fee Li Penalty Int Earn Misc. Revenue Bad Debt Collection Real G/L Refunds Sale of FA Total BMAWtrFund	\$ (1,793,000) \$. (3,618,856) (814,643) (2,998) (3,503) (50,000) (7,769) \$ (6,290,769) \$ (6,290,769) \$ (6,290,769) \$ (1,145) (185,532) (1,125)	\$ (1,770,624) \$ (300) \$ (3,409,840) (965,758) (10,275) (1,885) (42,570) \$ (42,570) \$ (6,201,254) \$ (6,201,254) \$ (5,781,323) \$ (3,286,439) (40,221) (51,375) (134,075) (1,255) (228,154) (3) ((2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (22,922) (4,454,028) \$ (6,348,565) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (6,348,228) (39,020) (25,943) (5,983) (5,983) (11,699) (9,221,334) \$	(400) \$ (400)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600) (1,870) (57,994) (4,675,990) \$ (6,779,273) \$ (5,523,042) \$ (5,523,042) \$ (3,615,679) (38,649) (45,725) (9,475) (9,77) (256,965) (19,183) (9,509,696) \$	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$ 3,791,721	(1,400) (3,160) (3,160) (30,000) (34,860) (34,860) (34,616) (66,480) (8,734) (355) (279,494) -	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - \$ - \$ \$ - \$ \$ \$ - \$ \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$ \$. \$ \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$. \$ \$	(1,400) (3,160) (30,000) (34,860) (34,860)	None None None None None None None None
6750000 Capital Reserve Fund 67500004419 710000 BMASwrFnd 7100000 42163 7100000 4310 7100000 4417 71000004411 71000004411 71000004411 71000004411 71000004521 71000004521 71000004521 7100004521 7100004611 7100004611 7100004611 71500004613 71500004613 71500004613 71500004614 71500004615 71500004615 71500004615 71500004617 71500004617 71500004618 71500004619 71500004619 71500004617 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 715000046214 715000046214	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sew Fee SewSvc Fee SewSvc Fee SewSup Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrind Water Use Wa Srv Fee Svc Ord Fee Deling Fee WrTap Fee OthWr Fee LT Penalty Int Earn Misc. Revenue Bad Debt Collection Real G/L Refunds Sale of FA Total BMAWtrFund WCIF	\$ (1,793,000) \$ (3,618,856) (814,643) (2,998) (3,503) - (50,000) (7,769) \$ (6,290,769) \$ (5,920,391) (40,216) (60,216) (60,216) (50,000) (1,545) (1185,532) (1,125)	\$ (1,770,624) \$ (3,000) \$ (3,409,840) (965,758) (1,885) (3) (42,570) \$ (4,430,630) \$ \$ (6,201,254) \$ \$ (5,781,323) \$ (3,286,439) (40,221) (51,375) (134,075) (128,154) (3,654) (3) (41,85,949) \$ \$ (9,526,499) \$ \$ \$ (1,185,949) \$ \$ \$ (1,185,949) \$ \$ \$ \$ (1,185,949) \$ \$ \$ \$ \$ (1,185,949) \$ \$ \$ \$ \$ \$ \$ \$ (1,185,949) \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (500) \$ (3,215,805) (1,203,564) (825) (3,413) (29,922) (4,454,028) \$ (5,347,956) \$ (5,348,228) (39,020) (25,983) ((1,914,697) \$ (400) \$ (3,313,763) (1,225,458) (1,800) (2,177) (30,000) (4,573,598) \$ (6,488,295) \$ (5,834,858) \$ (6,488,295) \$ (5,834,858) \$ (6,000) (2,22,438) (9,860,482) \$ (1,082,009) \$	(2,103,283) \$ (400) \$	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$ 3,791,721	(1,400) (3,160) (3,160) (30,000) (34,860) (34,860) (34,616) (66,480) (8,734) (355) (279,494) -	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - \$ - \$ \$ - \$ \$ \$ - \$ \$ \$. \$ \$. \$ \$. \$ \$ \$. \$ \$ \$. \$ \$ \$. \$ \$ \$. \$ \$ \$. \$ \$ \$. \$ \$ \$. \$ \$ \$. \$ \$ \$. \$ \$ \$. \$ \$ \$. \$ \$ \$. \$ \$ \$. \$ \$ \$. \$ \$ \$. \$ \$ \$. \$ \$ \$. \$ \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$. \$ \$ \$. \$ \$ \$. \$ \$	(1,400) (3,160) (30,000) (34,860) (34,860)	None None None None None None None None
6750000 Capital Reserve Fund 67500004419 710000 BMASwrFnd 7100000 42163 7100000 43151 7100000 44175 710000044111 710000044112 710000044113 710000044114 71000004211 71000004211 71000047211 Total Wastewater Revenue Water 715000 BMAWtrFnd 71500004611 71500004613 71500004613 71500004614 71500004615 71500004615 71500004615 71500004617 71500004617 71500004618 71500004618 71500004618 71500004618 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619 71500004619	Total Capital Reserve Fund Contr Lic Fed Grant Other Svc WW/Sew Fee SewSvc Fee SewSvc Fee SewTap Fee Disch Test Int Earned Bad Debt Collection Sale of FA Reimb. Contract Miscellaneous Rev Total BMASwrfnd Sale Water Use Wa Srv Fee Svc Ord Fee Deling Fee Wir Tap Fee OthWir Fee Li Penalty Int Earn Misc. Revenue Bad Debt Collection Real G/L Refunds Sale of FA Total BMAWtrFund	\$ (1,793,000) \$. (3,618,856) (814,643) (2,998) (3,503) (50,000) (7,769) \$ (6,290,769) \$ (6,290,769) \$ (6,290,769) \$ (1,145) (185,532) (1,125)	\$ (1,770,624) \$ (3,000) \$ (3,409,840) (965,758) (1,885) (3) (42,570) \$ (4,430,630) \$ \$ (6,201,254) \$ \$ (5,781,323) \$ (3,286,439) (40,221) (51,375) (134,075) (128,154) (3,654) (3) (41,85,949) \$ \$ (9,526,499) \$ \$ \$ (1,185,949) \$ \$ \$ (1,185,949) \$ \$ \$ \$ (1,185,949) \$ \$ \$ \$ \$ (1,185,949) \$ \$ \$ \$ \$ \$ \$ \$ (1,185,949) \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(2,039,484) \$ (400) \$	(1,894,537) \$ (500) \$ (3,215,805) (1,203,564) (22,922) (4,454,028) \$ (6,348,565) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (5,377,956) \$ (6,348,228) (39,020) (25,943) (5,983) (5,983) (11,699) (9,221,334) \$	(400) \$ (400)	(2,103,283) \$ (400) \$ (3,173,185) (1,441,941) (600) (1,870) (57,994) (4,675,990) \$ (6,779,273) \$ (5,523,042) \$ (5,523,042) \$ (3,615,679) (38,649) (45,725) (9,475) (9,77) (256,965) (19,183) (9,509,696) \$	(2,100,000) \$ (300)	2,100,000 \$ \$ 3,295,424 1,528,741 4,824,165 \$ 6,924,165 \$ 5,484,188 \$ 3,791,721	(1,400) (3,160) (3,160) (30,000) (34,860) (34,860) (34,616) (66,480) (8,734) (355) (279,494) -	0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0% 0	100% 100% 100% 100% 100% 100% 100% 100%	\$ - \$ - \$ - \$ \$ - \$ \$ \$ - \$ \$ \$. \$	(1,400) (3,160) (30,000) (34,860) (34,860)	None None None None None None None None

\$ 10,585,492 \$ 7,356,982

						В	artlesville, Oklahom	a								
					w	ater and Wastewat	ter Cost of Service ar	nd Rate Design Study								
							Test Year									
Line			FY 2018	FY 2018	FY 2019	FY 2019	FY 2020	FY 2020	FY 2021				Allocatio	1	Te	est Year
No.	Account	Description	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Adjustments	Test Year	Notes:	Water Wa	stewater	Water	Wastewater
										\$ 17,250,074	\$ (434,539				\$ (259,932	2) \$ (174,607)

\$ 17,942,473

NET REVENUE REQUIREMENT

Prepared by NewGen Strategies and Solutions

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Capital Improvement Plan Scenario 1

	e Dept Code	Purchase Year	Funding Source		timated Price		Year 1 FY 2022	Year		Year 3 FY 2024		ear 4 / 2025	Year 5 FY 2026	Year 6 FY 2027	Allo Water	cation Wastewater
Wate	er Capital Improvement Plan															
1	Source of Funds															
2	Pay-as-you-go Funding (PAYG)					\$	3,952,500	\$ 1,675	5,000	\$ 2,915,000	\$ 1	,197,500	\$ 2,470,000	\$ 2,625,000		
3	Proposed Debt						-	45,000	0,000	-	20	,000,000				
4	Other Outside Funding Sources (e.g., Grants)						-		-	-		-	-	-		
5	Total Source of Funds					\$	3,952,500	\$ 46,675	5,000	\$ 2,915,000	\$ 21	,197,500	\$ 2,470,000	\$ 2,625,000		
6	Water															
8	510-720 PLC Replacement - Pump Stations	2022	PAYG	Ś	130,000	Ś	130,000	<u>_</u>		\$ -	Ś		ć	ć	100%	0%
9	510-720 Refurbish Peristatlic Pumps	2022	PAYG	\$ \$	50,000	Ş	50,000	Ş	-	, -	ş	•	.	ş -	100%	
10	510-720 Returbish Peristante Funips 510-720 1/2-ton truck 4x4 (replaces 2006 unit)	2022	PAYG	\$ \$	30,000		30,000		-	-		•	-	-	1007	
10	510-720 Risk and Resiliency Assessment Improvements	2022	PAYG	\$ \$	50,000		50,000		-	-		•	-	-	100%	
11	510-725 Replace truck shed - operations	2022	PAYG	ę ė	225,000		225,000		-	-		•	-	-	1007	
12	510-72.5 Replace track shed - operations 510-730 Replace Water Lines (contract and materials for staff)	2022	PAYG	Š	350,000		350.000		-	-		•	-	-	1007	
13	510-730 Replace Water Lines (contract and materials for start) 510-730 Mueller Communication Upgrade (move to V6)	2022	PAYG	\$	350,000		350,000		-	-			-	-	1007	
14	510-730 Videner Communication Opgrade (move to vo) 510-730 3/4-ton truck with utility bed (replaces 2009 unit)	2022	PAYG	Ś	37,500		37,500			_					1007	
15	510-720 PLC Replacement - Water Plant	2022	PAYG	Ś	125,000		37,300	120	5,000						1007	
16	510-720 Refurbish Transfer Pumps and Motors	2023	PAYG	Ś	100,000		_		0,000						1007	
17	510-730 Replace Water Lines (contract and materials for staff)	2023	PAYG	Ś	400,000		_		0.000						1007	
18	510-730 Dump Truck (10 wheel) - replaces 2003 unit	2023	PAYG	Š	150,000		_		0,000						1007	
19	510-730 1.25-ton truck with flatbed dump	2023	PAYG	Š	50,000		_		0,000	_		_	_	_	1007	
20	510-720 Replace High Service Pump VFD	2024	PAYG	Ś	275,000		_		-	275,000		_	_	_	1009	
21	510-730 1/2 ton 4x4 (replaces 2014 unit)	2024	PAYG	Ś	30,000		_		_	30,000		_	_	_	1009	
22	510-730 Backhoe (replaces 2001 unit)	2024	PAYG	Ś	130,000		_		_	130,000		_	_	_	1009	
23	510-730 Replace Water Lines (contract and materials for staff)	2024	PAYG	Ś	450,000		_		_	450,000		_	_	_	1009	
24	510-720 Replace blowers (2) for filter backwash	2025	PAYG	Ś	100,000		_		_	-		100,000	_	_	1009	
25	510-730 Replace Water Lines (contract and materials for staff)	2025	PAYG	Ś	500,000		_		_	_		500,000	_	_	1009	
26	510-730 1/2 ton 4x4 (replaces 2014 unit)	2025	PAYG	Ś	32,500		_		_	-		32,500	-	_	1009	
27	510-720 Replace High Service Pump VFD	2026	PAYG	Ś	275,000		_		_	-		-	275,000	_	1009	
28	510-730 Replace Water Line - Adams (between Johnstone and Hickory)	2026	PAYG	Ś	425,000		_		_	_		_	425,000	_	1009	
29	510-730 Replace Water Lines (contract and materials for staff)	2026	PAYG	Ś	550,000		_		_	_		_	550,000	_	1009	
30	510-730 Dump Truck (10 wheel) - replaces 2005 unit	2026	PAYG	Ś	165,000		-		-	_			165,000	-	1009	
31	510-730 Dump Truck (10 wheel) - replaces 2005 unit	2027	PAYG	Ś	170,000		_		_	_		_	-	170,000	1009	
32	510-730 Replace Water Lines (contract and materials for staff)	2027	PAYG	\$	600,000		-		-	-		-		600,000	1009	
33	Total Water				,	\$	1,222,500	\$ 825	5,000	\$ 885,000	\$	632,500	\$ 1,415,000			

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Capital Improvement Plan Scenario 1

Dept	Purchase	Funding	E	stimated	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6		cation
Code	Year	Source		Price	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Water	Wastewater
Wastewater												
509-710 Engineering Design for WWTP Expansion	2022	PAYG	Ś	1,700,000	\$ 1,700,000	\$ -	\$ -	\$ -	\$ -	\$ -	0%	1009
509-710 Replace farm tractor for land application of biosolids	2022	PAYG	\$	250,000	250,000						0%	
509-710 Replace 1/2 ton truck 4x4 (2007)	2022	PAYG	\$	30,000	30,000	-	-	-	-		0%	1009
509-710 Replace injection unit for land application of biosolids	2022	PAYG	\$	175,000	175,000		-	-	-		0%	1009
509-710 Replace Vacuum tank trailer for land application of biosolids	2022	PAYG	\$	50,000	50,000	-	-	-	-	-	0%	1009
509-715 Nebraska & Maple Lift station and FM replacement (design)	2022	PAYG	\$	200,000	200,000	-	-	-	-	-	0%	1009
509-715 Sewer Line Point Repairs/Replacement (contract and materials for staff)	2022	PAYG	\$	150,000	150,000	-	-	-	-	-	0%	1009
509-715 Turkey Creel 36" Sewer Line Evaluation/Design	2022	PAYG	\$	175,000	175,000	-	-	-	-	-	0%	1009
509-715 Nebraska Lift Station/Basin Imprmnts	2023	PAYG	\$	600,000	-	600,000	-	-	-	-	0%	1009
509-715 Sewer Line Point Repairs/Replacement (contract and materials for staff)	2023	PAYG	\$	200,000	-	200,000	-	-	-	-	0%	1009
509-710 Replace Pumps at Herrick LS	2023	PAYG	\$	50,000	-	50,000	-	-	-	-	0%	1009
509-710 Construction of WWTP Expansion	2023	Proposed Debt	\$	45,000,000	-	45,000,000	-	-	-	-	0%	1009
509-715 Turkey Creek 36" Sewer Line Rehab	2024	PAYG	\$	1,000,000	-	-	1,000,000	-	-	-	0%	1009
509-710 Engineering Design Caney PS Corridor Imprmts (Limestone to Shawnee)	2024	PAYG	\$	750,000	-	-	750,000	-	-	-	0%	1009
509-710 Replace Pumps at Polaris LS	2024	PAYG	\$	30,000	-	-	30,000	-	-	-	0%	1009
509-715 Sewer Line Point Repairs/Replacement (contract and materials for staff)	2024	PAYG	\$	250,000	-	-	250,000	-	-	-	0%	1009
509-710 Replace Pumps at Tuxedo LS	2025	PAYG	\$	200,000	-	-	-	200,000	-	-	0%	1009
509-710 Replace 1/2 ton trucks 4x4 (2012)	2025	PAYG	\$	65,000	-	-	-	65,000	-	-	0%	1009
509-710 Construction of Caney PS Corridor Imprmts	2025	Proposed Debt	\$	20,000,000	-	-	-	20,000,000	-	-	0%	1009
509-715 Sewer Line Point Repairs/Replacement (contract and materials for staff)	2025	PAYG	\$	300,000	-	-	-	300,000	-	-	0%	1009
509-715 Replace Vactor truck with root foaming	2026	PAYG	\$	650,000	-	-	-	-	650,000	-	0%	1009
509-715 Replace 1.25-ton with dump bed (2014)	2026	PAYG	\$	55,000	-	-	-	-	55,000	-	0%	1009
509-715 Sewer Line Point Repairs/Replacement (contract and materials for staff)	2026	PAYG	\$	350,000	-	-	-	-	350,000	-	0%	
509-715 Replace 1.25-ton utility bed truck (2017)	2027	PAYG	\$	55,000	-	-	-	-	-	55,000	0%	
509-715 Sewer Line Point Repairs/Replacement (contract and materials for staff)	2027	PAYG	\$	400,000	-	-	-	-	-	400,000	0%	
509-715 Maple LS and force main replacement - 2500 ft	2027	PAYG	\$	1,400,000		-	-	-	-	1,400,000	0%	1009

\$ 3,952,500 \$ 46,675,000 \$ 2,915,000 \$ 21,197,500 \$ 2,470,000 \$ 2,625,000

Total Capital Purchases

Prepared by NewGen Strategies and Solutions
2/10/2022

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Water Revenue Requirement Forecast

Systemate				Description	Test		Year 1	Year 2	Year 3			Year 5	Juffeston Foot
	1			Description	Year		FY 2022	FY 2023	FY 2024	F۱	2025	FY 2026	Inflation Factor
	1	Expenses											
\$ 1,000 10	2	Wastewater											
S	3	5097100 WV	NTP										
SP07100 57510 ORService Ceneral Cenera	4		5097100 52310	Utl/Comm	\$	- \$	-	\$ -	\$ -	\$	-	\$ -	General
	5		5097100 52410	Prof Servc		-	-	-	-		-	-	General
8 S0071100 S27100 Coles For	6		5097100 52510	OthService		-	-	-	-		-	-	General
Sept	7		5097100 52610	MaintServ		-	-	-	-		-	-	General
10	8		5097100 52710	Oper Serv		-	-	-	-		-	-	General
1	9		5097100 53410	Tools&Equ		-	-	-	-		-	-	General
12	10		5097100 53610	MaintMat		-	-	-	-		-	-	General
15 \$677100 \$67710052410 MaintServ	11		5097100 55940	Mach&Equip		-	-	-	-		-	-	General
14	12		5097100 55980	Cap of FA		-	-	-	-		-	-	General
15	13		5097100 55990	Depr		-	-	-	-		-	-	General
16	14	6757100	675710052410	Prof Servc		-	-	-	-		-	-	General
17	15		675710052610	MaintServ		-	-	-	-		-	-	General
18	16		675710055920	Buil&Struc		-	-	-	-		-	-	General
1	17		675710055930	Oth Imprv		-	-	-	-		-	-	General
	18		675710055940	Mach&Equip		-	-	-	-		-	-	General
	19		675710055960	Veh&Equip		-	-	-	-		-	-	General
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	20			Total WWTP	\$	- \$	-	\$ -	\$ -	\$	-	\$ -	_
\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$													
Salaries Solation		5097150 WV											
S097150 51120 FICA					\$	- \$	-	\$ -	\$ -	\$	-	\$ -	
September Sept						-	-	-	-		-	-	
Sept						-	-	-	-		-		
5097150 51155 CRetire						-	-	-	-		-	-	
28 \$097150 \$1180 Work Comp - - - Benefits 29 \$097150 \$1100 Unemploy - - - - Benefits 30 \$097150 \$2110 Emp Nvts - - - - General 31 \$097150 \$2310 Utl/Comm - - - General 32 \$097150 \$2410 Prof Serve - - - General 33 \$097150 \$2510 Othservice - - - General 34 \$097150 \$2510 Maintserv - - - General 35 \$097150 \$2510 Maintserv - - - General 36 \$097150 \$310 Offee&Furn - - - General 37 \$097150 \$310 Offee&Furn - - General 38 \$097150 \$3310 Tools&Equ - - General 40 \$097150 \$3310 To						-	-	-	-		-	-	
29 5097150 51180 Unemploy - - Benefits 30 5097150 52110 Emp Svcs - - General 31 5097150 52310 Ult/comm - - General 32 5097150 52410 Prof Serve - - General 33 5097150 52510 OthService - - General 34 5097150 52610 MaintServ - - General 35 5097150 52810 Ins&Bonds - - General 36 5097150 53110 Offeq&Fun - - General 37 5097150 53210 Jani Supp - - General 38 5097150 53210 Gen Sup - - General 40 5097150 53310 Full - - General 41 5097150 53310 MaintMat - - - General 42 5097150 5390 Oth Improv -						-	-	-	-		-	-	
Sop				·		-	-	-	-		-	-	
31 5097150 52310						-	-	-	-		-	-	
32 5097150 52410 Prof Servc - - General 33 5097150 52510 OthService - - - General 34 5097150 52610 MaintServ - - - General 35 5097150 52810 Ins&Bonds - - - General 36 5097150 53110 Offeq&Furn - - - General 37 5097150 53310 Gen Supp - - - General 38 5097150 53310 Tools&Equ - - - General 39 5097150 53310 Tools&Equ - - - General 40 5097150 53310 Tools&Equ - - - General 41 5097150 53310 MaintMat - - - - General 42 5097150 53910 Inv Adj - - - - General 43 5097150 53900 Oth Impr - - - - General 45<				· ·		-	-	-	-		-	-	
33 5097150 52510 OthService						-	-	-	-		-	-	
34 5097150 52610 MaintServ - <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td></td> <td>-</td> <td>-</td> <td></td>						-	-	-	-		-	-	
50 5097150 52810 Ins&Bonds General 36 5097150 53110 Offeq&Furm						-	-	-	-		-	-	
South Sou						-	-	-	-		-	-	
37 5097150 53210 Jani Supp - - - - - - - General 38 5097150 53310 Gen Supp -						-	-	-	-		-	-	
38 5097150 53310 Gen Supp - - - - - - General 39 5097150 53410 Tools Equ - - - - - - - General 40 5097150 53510 Fuel - <td></td> <td></td> <td></td> <td>·</td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td></td> <td>-</td> <td></td> <td></td>				·		-	-	-	-		-		
39 5097150 53410 Tools&Equ - <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td></td> <td>-</td> <td>-</td> <td></td>						-	-	-	-		-	-	
40 5097150 53510 Fuel						-	-	-	-		-	-	
41 5097150 53610 MaintMat						-	-	-	-		-		
42 5097150 53910 Inv Adj - - - - - - General 43 5097150 55930 Oth Imprv - - - - - - - General 44 5097150 55980 Cap of FA -						-	-	-	-		-		
43 5097150 55930 Oth Imprv						-	-	-	-		-		
44 5097150 55980 Cap of FA - - - - - - - General 45 5097150 55990 Depr - <t< td=""><td></td><td></td><td></td><td>-</td><td></td><td>-</td><td>-</td><td>-</td><td>-</td><td></td><td>-</td><td></td><td></td></t<>				-		-	-	-	-		-		
45 5097150 55990 Depr General 46 6757150 6757150 52510 OthService General 46 6757150 53410 Tools&Equ						-	-	-	-		-		
46 6757150 6757150 52510 Oth Service General 47 6757150 53410 Tools&Equ General 48 6757150 53610 MaintMat				•		-	-	-	-		-	-	
47 675715 053410 Tools&Equ General 48 675715 053610 MaintMat General 49 675715 055930 Oth Imprv General 50 675715 055940 Mach&Equip General						-	-	-	-		-	-	
48 6757150 53610 MaintMat General 49 6757150 55930 Oth Imprv General 50 6757150 55940 Mach&Equip General		6757150				-	-	-	-		-	-	
49 6757150 55930 Oth Imprv General 50 6757150 55940 Mach&Equip General						-	-	-	-		-		
50 6757150 55940 Mach&Equip General						-	-	-	-		-	-	
						-	-	-	-		-	-	
51 6/5/150 55950 Offeq&Furn General						-	-	-	-		-	-	
	51		6757150 55950	Offeq&Furn		-	-	-	-		-	-	General

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Water Revenue Requirement Forecast

					·											
	_				Test		Year 1		Year 2		Year 3	Ye	ear 4		Year 5	
			Description		Year		FY 2022		FY 2023		FY 2024		2025		FY 2026	Inflation Factor
52		6757150 55960	Veh&Equip		rear		11 2022		11 2023		112027		2023		-	General
53		6/3/130 33960	Total WW Main	\$		\$		\$		\$		\$		\$		General
55			lotal www.wain	Ş	-	>	-	>	-	>	- :	>	-	>	-	
54		710000 BMASwrFund														
55		7100000 52210	Fin Svcs	\$	-	\$	-	\$	-	\$	- :	\$	-	\$	-	General
56		7100000 52220	BadDbt WO		-		-		-		-		-		-	General
57		7100000 52910	Debt-Int		-		-		-		-		-		-	None
58		7100000 52911	Debt-Prin		-		-		-		-		-		-	None
59			Total BMASwr Fund	\$	-	\$	-	\$	-	\$	- :	\$	-	\$		
60		509900 Interfund Transfers														
61		50900059101	Transfer to Gen	\$		\$		\$		\$		\$	_	\$	_	General
62		50900059663	Transfer to Col.	7		Ÿ		Y		Y		Y		Ÿ		
					-		-		-		•		-			General
63		50900059670	Transfer to Stab		-		-		-		-		-		-	General
64		509000059675	Transfer to Cap.		-		-		-		-					General
65			Total Interfund Transfers	\$	-	\$	-	\$	-	\$	- :	\$	-	\$	-	
66																
67		Wastewater Total Expenses														
68	Water															
69		5101950 Fleet Main														
70		5101950 55990	Depr	Ś	_	\$	_	\$	-	Ś		Ś	_	\$	-	General
71			Total Fleet Main	\$ \$	_	Ś	_	Ś	_	\$ \$	_	\$ \$		\$		
, -			Total Treet Main	*		*		*		•	,	*		*		
72		5107200 WaterPlant														
			6.1.				676 640		700 000		704044		750 040		776 474	6.1.
73		5107200 51110	Salaries	\$	644,428		676,649	\$	700,332	\$	724,844	\$	750,213	\$	776,471	Salaries
74		5107200 51120	ОТ		34,000		35,700		36,950		38,243		39,581		40,967	Salaries
75		5107200 51130	FICA		50,000		52,500		54,338		56,239		58,208		60,245	Benefits
76		5107200 51140	Health Ins		135,950		142,748		147,744		152,915		158,267		163,806	Benefits
77		5107200 51150	DB Retire		44,000		46,200		47,817		49,491		51,223		53,016	Benefits
78		5107200 51155	DC Retire		19,000		19,950		20,648		21,371		22,119		22,893	Benefits
79		5107200 51170	Work Comp		4,666		4,899		5,071		5,248		5,432		5,622	Benefits
80		5107200 52110	Emp Svcs		9,600		10,080		10,433		10,798		11,176		11,567	Benefits
81		5107200 52310	Utl/Comm		527,000		542,810		559,094		575,867		593,143		610,937	Electric
82		5107200 52410	Prof Servc		27,500		28,078		28,667		29,269		29,884		30,511	General
83		5107200 52410			166,200		169,690		173,254		176,892		180,607		184,399	
			OthService													General
84		5107200 52610	MaintServ		306,050		312,477		319,039		325,739		332,579		339,564	General
85		5107200 52710	Oper Serv				-		-		-		-		-	General
86		5107200 53110	Offeq&Furn		3,000		3,063		3,127		3,193		3,260		3,329	General
87		5107200 53210	Jani Supp		5,000		5,105		5,212		5,322		5,433		5,548	General
88		5107200 53310	Gen Supp		701,000		715,721		730,751		746,097		761,765		777,762	General
89		5107200 53410	Tools&Equ		9,500		9,700		9,903		10,111		10,323		10,540	General
90		5107200 53510	Fuel		6,000		6,300		6,615		6,946		7,293		7,658	Equip Fuel
91		5107200 53610	MaintMat		126,000		128,646		131,348		134,106		136,922		139,797	General
92		5107200 53910	Inv Adj		-		-				-					General
93		5107200 55930	Oth Imprv		_		_		_		_		_		_	General
94		5107200 55930	Mach&Equip						_		_				-	General
94 95		5107200 55940			-		-		-		-		-		-	General
			Cap of FA		-		-		-		-		-		-	
96		5107200 55990	Depr		-		-		-		-		-		-	General
97		6757200 675720051110	Salaries		-		-		-		-		-		-	Salaries
98		675720051130	FICA		-		-		-		-		-		-	Benefits
99		675720051140	Health Ins		-		-		-		-		-		-	Benefits
100		675720051150	DB Retire		-		-		-		-		-		-	Benefits
101		675720052410	Prof Servc		-		-		-		-		-		-	General
102		675720053110	Offeq&Furn		_		-		_		-		-		_	General
		0.5.20055110														

					Tort	Voor 1	Voor 3	Voor 2	Voor 4	Voor E	
			Description		Test Year	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026	Inflation Factor
103		675720053610	MaintMat		rear -	FY 2022 -	- 11 2025	- 112024	F1 2025 -	- FT 2026	General
104		675720055930	Oth Imprv		_	_	_	_	_	_	General
105		675720055940	Mach&Equip		-	-	-	_	-	_	General
106		675720055960	Veh&Equip		-	-	-	_	-	_	General
107		073720033300	Total WaterPlant	\$	2,818,894 \$	2,910,315 \$	2,990,342 \$	3,072,690 \$	3,157,429 \$	3,244,631	General
108	5107250 Wat	erAdm									
109		5107250 51110	Salaries	\$	191,626 \$	201,207 \$	208,250 \$	215,538 \$	223,082 \$	230,890	Salaries
110		5107250 51120	ОТ		-	-	-	-	-	-	Salaries
111		5107250 51130	FICA		14,500	15,225	15,758	16,309	16,880	17,471	Benefits
112		5107250 51140	Health Ins		18,127	19,033	19,700	20,389	21,103	21,841	Benefits
113		5107250 51150	DB Retire		38,000	39,900	41,297	42,742	44,238	45,786	Benefits
114		5107250 51170	Work Comp		311	327	338	350	362	375	Benefits
115		5107250 52110	Emp Svcs		1,750	1,838	1,902	1,968	2,037	2,109	Benefits
116		5107250 52310	Utl/Comm		10,500	10,721	10,946	11,175	11,410	11,650	General
117		5107250 52410	Prof Servc		46,750	47,732	48,734	49,758	50,802	51,869	General
118		5107250 52510	OthService		6,700	6,841	6,984	7,131	7,281	7,434	General
119		5107250 52610	MaintServ		1,500	1,532	1,564	1,596	1,630	1,664	General
120		5107250 52710	Oper Serv		-	-	-	-	-	-	General
121		5107250 53110	Offeq&Furn		2,500	2,553	2,606	2,661	2,717	2,774	General
122		5107250 53210	Jani Supp		1,800	1,838	1,876	1,916	1,956	1,997	General
123		5107250 53310	Gen Supp		2,500	2,553	2,606	2,661	2,717	2,774	General
124		5107250 53410	Tools&Equ		-	-	-	-	-	-	General
125		5107250 53510	Fuel		1,000	1,050	1,103	1,158	1,216	1,276	Equip Fuel
126		5107250 53610	MaintMat		500	511	521	532	543	555	General
127	6757250	6757250 52410	Prof Servc		-	-	-	-	-	-	General
128		6757250 52510	OthService		-	-	-	-	-	-	General
129		6757250 55920	Buil&Struc		-	-	-	-	-	-	General
130		6757250 55930	Oth Imprv		-	-	-	-	-	-	General
131		6757250 55950	Offeq&Furn		-	-	-	-	-		General
132			Total WaterAdm	\$	338,064 \$	352,857 \$	364,183 \$	375,885 \$	387,974 \$	400,464	
133	5107300 Wat	erDist									
134	3107300 Wat	5107300 51110	Salaries	\$	867,441 \$	910,813 \$	942,692 \$	975,686 \$	1,009,835 \$	1,045,179	Salaries
135		5107300 51120	OT	·	36,000	37,800	39,123	40,492	41,910	43,376	Salaries
136		5107300 51130	FICA		64,846	68,088	70,471	72,938	75,491	78,133	Benefits
137		5107300 51140	Health Ins		190,329	199,845	206,840	214,079	221,572	229,327	Benefits
138		5107300 51150	DB Retire		57,100	59,955	62,053	64,225	66,473	68,800	Benefits
139		5107300 51155	DC Retire		24,768	26,006	26,917	27,859	28,834	29,843	Benefits
140		5107300 51170	Work Comp		11,198	11,758	12,169	12,595	13,036	13,492	Benefits
141		5107300 51180	Unemploy		-	-	-	-	-	-	Benefits
142		5107300 52110	Emp Svcs		14,000	14,700	15,215	15,747	16,298	16,869	Benefits
143		5107300 52310	Utl/Comm		5,500	5,616	5,733	5,854	5,977	6,102	General
144		5107300 52410	Prof Servc		47,750	48,753	49,777	50,822	51,889	52,979	General
145		5107300 52510	OthService		6,000	6,126	6,255	6,386	6,520	6,657	General
146		5107300 52610	MaintServ		20,000	20,420	20,849	21,287	21,734	22,190	General
147		5107300 53110	Offeq&Furn		2,500	2,553	2,606	2,661	2,717	2,774	General
148		5107300 53210	Jani Supp		-	-	-	-	-	-	General
149		5107300 53310	Gen Supp		8,000	8,168	8,340	8,515	8,693	8,876	General
150		5107300 53410	Tools&Equ		8,000	8,168	8,340	8,515	8,693	8,876	General
151		5107300 53510	Fuel		40,000	42,000	44,100	46,305	48,620	51,051	Equip Fuel
152		5107300 53610	MaintMat		210,000	214,410	218,913	223,510	228,203	232,996	General
153		5107300 53910	Inv Adj		-	-	-	-	-	-	General
154		5107300 55930	Oth Imprv		-	-	-	-	-	-	General
155		5107300 55960	Veh&Equip		-	-	-	-	-	-	General

					Test	Year 1	Year 2	Year 3	Year 4	Year 5	
			Description		Year	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Inflation Fac
56		5107300 55980	Cap of FA		-	-	-	-	-	-	General
57		5107300 55990	Depr		-	-	-	-	-	-	General
0	6757300	6757300 51110	Salaries		-	-	-	-	-	-	Salaries
1		6757300 51130	FICA		-	-	-	-	-	-	Benefits
2		6757300 51140	Health Ins		-	-	-	-	-	-	Benefits
3		6757300 51150	DB Retire		-	-	-	-	-	-	Benefits
4		6757300 51155	DC Retire		-	-	-	-	-	-	Benefits
5		6757300 52410	Prof Servc		-	-	-	-	-	-	General
6		6757300 52510	OthService		-	-	-	-	-	-	General
7		6757300 53410	Tools&Equ		-	-	-	-	-	-	General
8		6757300 53610	MaintMat		-	-	-	-	-	-	General
9		6757300 55920	Buil&Struc		-	-	-	-	-	-	General
0		6757300 55930	Oth Imprv		-	-	-	-	-	-	General
1		6757300 55940	Mach&Equip		-	-	-	-	-	-	General
2		6757300 55960	Veh&Equip		-	-	-	-	-	-	General
3			Total WaterDist	\$	1,613,432 \$	1,685,179 \$	1,740,391 \$	1,797,475 \$	1,856,495 \$	1,917,520	
4	7150000 BN	MAWtr Fund									
5		7150000 52210	Fin Svcs	\$	5,000 \$	5,000 \$	5,000 \$	5,000 \$	5,000 \$	5,000	None
6		7150000 52220	BadDbt WO		-	-	-	-	-	-	None
7		7150000 52910	Debt-Int		1,156,371	1,156,371	1,093,668	1,028,555	961,478	891,891	None
8		7150000 52911	Debt-Prin		1,841,561	1,841,561	1,883,615	1,918,845	1,968,054	1,796,425	None
9		7150000 55990	Depr		-	-	-	-	-	-	None
0			Total BMAWtr Fund	\$	3,002,932 \$	3,002,932 \$	2,982,284 \$	2,952,400 \$	2,934,532 \$	2,693,317	
1	510900 Int	terfund Transfers									
2	310300	51090059101	Transfer to Gen	Ś	1,212,037 \$	1,260,518 \$	1,310,939 \$	1,363,377 \$	1,417,912 \$	1,474,628	General Fund T
3		51090059663	Transfer to Col.	•	14,585	14,891	15,204	15,523	15,849	16,182	General
4		51090059670	Transfer to Stab		79,465	81,134	82,838	84,577	86,353	88,167	General
5		51090059675	Transfer to Cap.		-	-	-		-	-	General
6			Total Interfund Transfers	\$	1,306,087 \$	1,356,544 \$	1,408,981 \$	1,463,477 \$	1,520,114 \$	1,578,977	
77	_	Water Total Expenses		\$	9,079,409 \$	9,307,828 \$	9,486,181 \$	9,661,926 \$	9,856,544 \$	9,834,910	
,	_	water rotal expenses		>	9,079,409 \$	9,307,828 \$	9,480,181 \$	9,661,926 \$	9,630,344 \$	9,834,910	
8		Proposed Debt	Water Construction Posicet		E42 E4E . Ĉ	542 545	E42 E4E . Ć	543.545 Å	E43 E4E . Ĉ	E42 E4E	Nana
9			Water Construction Project	\$	543,515 \$	543,515 \$	543,515 \$	543,515 \$	543,515 \$	543,515	None
0			Construction of WWTP Expansion		-	-	-	-	-	-	None
1			Construction of Caney PS Corridor Imprmts								None
2			Proposed Debt Total	\$	543,515 \$	543,515 \$	543,515 \$	543,515 \$	543,515 \$	543,515	
3											
4		Capital Improvement Plan									
5			Pay-as-you-go Funding	\$	1,222,500 \$	1,222,500 \$	825,000 \$	885,000 \$	632,500 \$	1,415,000	Capital Projects
6 7			Total CIP	\$	1,222,500 \$	1,222,500 \$	825,000 \$	885,000 \$	632,500 \$	1,415,000	
8	_	Total Expenses		\$	10,845,424 \$	11,073,842 \$	10,854,696 \$	11,090,441 \$	11,032,559 \$	11,793,424	
9	Revenues										
9	Nevenues										
0	Wastewater										
1	6750000	Capital Reserve Fund									
		675000044419	WWCIF	\$	- \$	- \$	- \$	- \$	- \$	-	None
2			Tatal Canital Bassins Found			ė		- Ś	ė		
)2)3			Total Capital Reserve Fund	Þ	- >	- 3	- >	- 7	- 7	-	
92 93			i otal Capital Reserve Fund	\$	- >	- 3	- >	- 3	- 3	-	
92 93 94 95	710000	BMASwrFnd 7100000 42163	iotai Capitai keserve Fund	\$ \$	- \$ - \$	- \$	- \$ - \$	- \$	- \$	-	

					Test	Year 1	Year 2	Year 3	Year 4	Year 5	
			Description		Year	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Inflation F
197		7100000 43110	Fed Grant		-	-	-	-	-	-	None
198		7100000 44175	Other Svc		-	-	-	-	-	-	None
199		71000044411	WW/Sew Fee		-	-	-	-	-	-	None
200		71000044412	SewSvc Fee		-	-	-	-	-	-	None
201		71000044413	SewTap Fee		-	-	-	-	-	-	None
202		71000044416	Disch Test		-	-	-	-	-	-	None
203		71000046221	Int Earned		-	-	-	-	-	-	None
204		71000074711	Bad Debt Collection		-	-	-	-	-	-	None
205		710000 48211	Sale of FA		-	-	-	-	-	-	None
206		71000048611	Reimb. Contract		-	-	-	-	-	-	None
207		71000047211	Miscellaneous Rev		-	-	-	-	-	-	None
208			Total BMASwrfnd	\$	- \$	- \$	- \$	- \$	- \$	-	
-00				_							
109		Total Wastewater Revenues		\$	- \$	- \$	- \$	- \$	- \$	-	
	Vater										
111	715000	BMAWtrFnd	Waterlier								None
212		715000044611	Water Use	\$	- \$	- \$	- \$	- \$	- \$	-	None
113		715000044613	Wa Srv Fee		- (44.545)	- (44.545)	- (44.545)	- (44.545)	- (44.545)	- (44.545)	None
14		715000044613	SvcOrd Fee		(44,616)	(44,616)	(44,616)	(44,616)	(44,616)	(44,616)	None
215		715000044614	Deling Fee		(66,480)	(66,480)	(66,480)	(66,480)	(66,480)	(66,480)	None
16		715000044615	WtrTap Fee		(8,734)	(8,734)	(8,734)	(8,734)	(8,734)	(8,734)	None
217		715000044618	OthWtr Fee		(355)	(355)	(355)	(355)	(355)	(355)	None
218		715000044619	LT Penalty		(139,747)	(139,747)	(139,747)	(139,747)	(139,747)	(139,747)	None
219		715000046221	Int Earn		-	-	-	-	-	-	None
20		715000047211	Misc. Revenue		-	-	-	-	-	-	None
21		715000047411	Bad Debt Collection		-	-	-	-	-	-	None
22		715000046224	Real G/L		-	-	-	-	-	-	None
23		715000047515	Refunds		-	-	-	-	-	-	None
24		715000048211	Sale of FA	_			-			-	None
25			Total BMAWtrFund	\$	(259,932) \$	(259,932) \$	(259,932) \$	(259,932) \$	(259,932) \$	(259,932)	
26	6750000	Capital Reserve Fund									
27		675000044616	WCIF	\$ \$	- \$	- \$ - \$	- \$ - \$	- \$	- \$	-	None
28			Total Capital Reserve	\$	- \$	- \$	- \$	- \$	- \$	-	
229	-	Total Water Revenues			(259,932)	(259,932)	(259,932)	(259,932)	(259,932)	(259,932)	
	-										
230	-	Total Revenues			(259,932)	(259,932)	(259,932)	(259,932)	(259,932)	(259,932)	
231	<u>-</u>	NET REVENUE REQUIREMENT	<u> </u>	\$	10,585,492 \$	10,813,910 \$	10,594,764 \$	10,830,509 \$	10,772,627 \$	11,533,492	
	=			\$	17,942,473 \$	18,290,992 \$	18,959,295 \$	20,490,840 \$	20,695,939 \$	22,068,462	

					Test	Year 1	Year 2	Year 3	Year 4	Year 5	
1	Expenses		Description		Year	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Inflation Fac
1	Expenses										
2	Wastewater										
3	5097100 WV	VTP									
4		5097100 52310	Utl/Comm	\$	3,500 \$	3,574 \$	3,649 \$	3,725 \$	3,803 \$	3,883	General
5		5097100 52410	Prof Servc		-	-	-	-	-	-	General
6		5097100 52510	OthService		23,750	24,249	24,758	25,278	25,809	26,351	General
7		5097100 52610	MaintServ		25,000	25,525	26,061	26,608	27,167	27,738	General
8		5097100 52710	Oper Serv		2,416,977	2,467,734	2,519,556	2,572,467	2,626,488	2,681,645	General
9		5097100 53410	Tools&Equ		-	-	-	-	-	-	General
10		5097100 53610	MaintMat		-	-	-	-	-	-	General
11		5097100 55940	Mach&Equip		-	-	-	-	-	-	General
12		5097100 55980	Cap of FA		-	-	-	-	-	-	General
13		5097100 55990	Depr		-	-	-	-	-	-	General
14	6757100	675710052410	Prof Servc		-	-	-	-	-	-	General
15		675710052610	MaintServ		-	-	-	-	-	-	General
16		675710055920	Buil&Struc		-	-	-	-	-	-	General
17		675710055930	Oth Imprv		-	-	-	-	-	-	General
18		675710055940	Mach&Equip		-	-	-	-	-	-	General
19		675710055960	Veh&Equip		-	-	-	-	-		General
20			Total WWTP	\$	2,469,227 \$	2,521,081 \$	2,574,023 \$	2,628,078 \$	2,683,268 \$	2,739,616	
21	5097150 WV	V Maintenance									
22		5097150 51110	Salaries	\$	469,014 \$	492,465 \$	509,701 \$	527,540 \$	546,004 \$	565,115	Salaries
23		5097150 51120	ОТ	•	11,000	11,550	11,954	12,373	12,806	13,254	Salaries
24		5097150 51130	FICA		35,946	37,743	39,064	40,432	41,847	43,311	Benefits
25		5097150 51140	Health Ins		99,696	104,681	108,345	112,137	116,061	120,124	Benefits
26		5097150 51150	DB Retire		27,100	28,455	29,451	30,482	31,549	32,653	Benefits
27		5097150 51155	DC Retire		13,062	13,715	14,195	14,692	15,206	15,738	Benefits
28		5097150 51170	Work Comp		6,325	6,641	6,874	7,114	7,363	7,621	Benefits
29		5097150 51180	Unemploy		-	-	-	-	-	-	Benefits
30		5097150 52110	Emp Svcs		9,850	10,057	10,268	10,484	10,704	10,929	General
31		5097150 52310	Utl/Comm		2,500	2,553	2,606	2,661	2,717	2,774	General
32		5097150 52410	Prof Servc		23,000	23,483	23,976	24,480	24,994	25,519	General
33		5097150 52510	OthService		9,500	9,700	9,903	10,111	10,323	10,540	General
34		5097150 52610	MaintServ		35,000	35,735	36,485	37,252	38,034	38,833	General
35		5097150 52810	Ins&Bonds		-	-	-	-	-	-	General
36		5097150 53110	Offeq&Furn		2,000	2,042	2,085	2,129	2,173	2,219	General
37		5097150 53210	Jani Supp		-	-	-	-	-	-	General
38		5097150 53310	Gen Supp		11,200	11,435	11,675	11,921	12,171	12,426	General
39		5097150 53410	Tools&Equ		11,500	11,742	11,988	12,240	12,497	12,759	General
40		5097150 53510	Fuel		22,500	23,625	24,806	26,047	27,349	28,716	Equip Fuel
41		5097150 53610	MaintMat		75,000	76,575	78,183	79,825	81,501	83,213	General
42		5097150 53910	Inv Adj		-	-	-	-	-	-	General
43		5097150 55930	Oth Imprv		-	-	-	-	-	-	General
44		5097150 55980	Cap of FA		-	-	-	-	-	-	General
45		5097150 55990	Depr		-	-	-	-	-	-	General
46	6757150	6757150 52510	OthService		-	-	-	-	-	-	General
47		6757150 53410	Tools&Equ		-	-	-	-	-	-	General
48		6757150 53610	MaintMat		-	-	-	-	-	-	General
49		6757150 55930	Oth Imprv		-	-	-	-	-	-	General
50		6757150 55940	Mach&Equip		-	-	-	-	-	-	General
51		6757150 55950	Offeq&Furn		-	-	-	-	-	-	General
52		6757150 55960	Veh&Equip		-	-	-	-	-	-	General
53			Total WW Main	\$	864,193 \$	902,196 \$	931,560 \$	961,917 \$	993,299 \$	1,025,743	

Part				wastewa	ater Kevenue Kequi	rement Forecast					
Property Property											
		Descrip	otion		Year	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Inflation
	710000 BMASwrFund										
1,000000 1,200 1,00000 1,0000 1,00000 1,0000 1,00000 1,00000 1,0000 1,000000 1,00000 1,00000 1,00000 1,00000 1,00000 1,00000 1,0000000 1,00000 1,00000 1,00000 1,00000 1,00000 1,00000 1,00000 1,000000 1,00000 1,00000 1,000000 1,000000 1,000000 1,000000 1,00000000		52210 Fin Svc	s	Ś	- \$	- Ś	- \$	- \$	- \$	-	General
Property Property					- '	- '	- '	- '	- '	-	
Property					380	380	242	104	_	-	
									-	-	
Somewhite Some				\$					- \$	-	
Somewhite Some											
Solition Solition											
Segondame				\$, , , .						
Tameler to Cape											
Matewater Total Interfund Transfers					92,945	94,897	96,890	98,924			
Mustewarte Total Expenses 1,000,1589 1,001,589	5090000		-		<u> </u>	-	-	<u> </u>			General
		Total II	nterfund Transfers	\$	1,440,164 \$	1,470,407 \$	1,501,286 \$	1,532,813 \$	1,565,002 \$	1,597,867	
		al Expenses		Ś	4.801.589 \$	4.921.689 \$	5.034.737 Ś	5.150.536 \$	5.241.569 \$	5.363.227	
S101950 F1990				•	, ,	, , , ,	.,,.	.,,	, , ,	.,,	
\$107200 WaterPlant											
\$107200 WaterPlant				\$	- \$	- \$	- \$	- \$		-	General
\$107200 \$1110		Total F	leet Main	\$	- \$	- \$	- \$	- \$	- \$	-	
\$107200 \$1110	5107200 WaterPlant										
S107200 S11100 FICA		51110 Salarie	\$	\$	- \$	- 4	- ¢	- \$	- ¢		Salaries
SI07200 51140			,	Ÿ	-			-	-		
S107200 51150 Health Ins Senefits Senefits Senefits S107200 51155 DC Retire Senefits S107200 51155 DC Retire Senefits S107200 51170 Work Comp Senefits S107200 52110 Emp Svs Senefits S107200 52110 Utl/Comm Senefits S107200 52210 Utl/Comm Senefits S107200 52210 Utl/Comm S107200 52410 Prof Servc Seneral S107200 52410 Orthservice Seneral S107200 52410 Orthservice Seneral S107200 52510 Othservice Seneral S107200 52510 Othservice Seneral S107200 52510 OffeedRurn S107200 52510 OffeedRurn S107200 52710 OffeedRurn S107200 52710 OffeedRurn S107200 52710 Seneral S107200						_		_		_	
5107200 51155 DR Retire			Inc								
\$107200 5115 O.C. Relire											
\$107200 5110											
S107200 52110					-	•	-	-	-	-	
S107200 52310			•		•	-	-	-	-	-	
S107200 S2410		•			•	-	-	-	-	-	
5107200 52510 OthService - - General 5107200 52610 MaintServ - - General 5107200 52710 Oper Serv - - - General 5107200 53110 Offeq&Furn - - - General 5107200 53210 Jani Supp - - - - General 5107200 53210 Gen Supp - - - - General 5107200 53310 Gen Supp - - - - General 5107200 53510 Fuel - - - - General 5107200 53510 MaintMat - - - - General 5107200 53510 In Pwd -					-	•	-	-	-	-	
5107200 52610 MaintServ - - - General 5107200 52710 Oper Serv -					•	-	-	-	-	-	
5107200 52710 Oper Serv General 5107200 53110 Offeq&Furn					-	-	-	-	-	-	
5107200 53110 Offeq&Furn General					-	-	-	-	-	-	
S107200 53210		•			-	-	-	-	-	-	
S107200 53310 Gen Supp General S107200 53410 Tools&Equ General S107200 53410 Tools&Equ General S107200 53510 Fuel					-	-	-	-	-	-	
5107200 53410 Tools&Equ					-	-	-	-	-	-	
5107200 53510 Fuel - - - - Equip Fuel 5107200 53610 MaintMat - <td></td> <td></td> <td>• •</td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td></td>			• •		-	-	-	-	-	-	
5107200 53910 MaintMat - - - - - - - - General 5107200 53910 Inv Adj - - - - - General 5107200 55930 Oth Imprv - - - - - General 5107200 55930 Oth Imprv - - - - - - - General 5107200 55940 Mach&Equip - - - - - - - - -			Equ		-	-	-	-	-	-	
5107200 53910 Inv Adj			Ant		-	-	-	-	-	-	
5107200 55930 Oth Imprv General					-	-	-	-	-	-	
5107200 55940 Mach&Equip - - - - General 5107200 55980 Cap of FA -					-	-	-	-	-	-	
5107200 55980 Cap of FA - - - - General 5107200 55990 Depr - - - - - General 6757200 675720051110 Salaries - - - - - Salaries 675720051130 FICA - - - - - - - Benefits 675720051140 Health Ins - - - - - - - Benefits 675720051150 DB Retire - - - - - - Benefits 675720052410 Prof Servc - - - - - - - - Benefits 675720053110 Offeq&Furn -			•		-	-	-	-	-	-	
5107200 55990 Depr - - - - - General 6757200 675720051110 Salaries - - - - - Salaries 675720051130 FICA -					-	-	-	-	-	-	
6757200 675720051110 Salaries - - - - - Salaries 675720051130 FICA - - - - - - - Benefits 675720051140 Health Ins - - - - - - - Benefits 675720051150 DB Retire - - - - - - - Benefits 675720052410 Prof Servc - - - - - - - General 675720053110 Offeq&Furn -		•	ra .		-	-	-	-	-	-	
675720051130 FICA - - - - - - - Benefits 675720051140 Health Ins - - - - - - - Benefits 675720051150 DB Retire - - - - - - - Benefits 675720052410 Prof Servc - - - - - General 675720053110 Offeq&Furn - - - - - - General 675720053610 MaintMat - - - - - - - - General		· ·	_		-	-	-	-	-	-	
675720051140 Health Ins - - - - - - Benefits 675720051150 DB Retire - - - - - - Benefits 675720052410 Prof Servc - - - - - General 675720053110 Offeq&Furn - - - - - General 675720053610 MaintMat - - - - - General			S		-	-	-	-	-	-	
675720051150 DB Retire - - - - - - Benefits 675720052410 Prof Servc - - - - - - - General 675720053110 Offeq&Furn - - - - - - General 675720053610 MaintMat - - - - - General					-	-	-	-	-	-	
675720052410 Prof Servc - - - - - - - - - - General 675720053110 Offeq&Furn - - - - - - - - General 675720053610 MaintMat - - - - - - - General					-	-	-	-	-	-	
675720053110 Offeq&Furn - - - - - - - General 675720053610 MaintMat - - - - - - - General					-	-	-	-	-	-	
675720053610 MaintMat General					-	-	-	-	-	-	
					-	-	-	-	-	-	
675720055930 Oth Imprv General					-	-	-	-	-	-	
	6757200	155930 Oth Im	prv		-	-	-	-	-	-	General

																<u> </u>
					Test		Year 1		Year 2		Year 3		Year 4		Year 5	
			Description		Year		FY 2022		FY 2023		FY 2024		Y 2025		FY 2026	Inflation Factor
105		675720055940	Mach&Equip		-		-		-		-		-		-	General
106		675720055960	Veh&Equip		-		-		-		-		-			General
107			Total WaterPlant	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
108	5107250 Wat															
109		5107250 51110	Salaries	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	Salaries
110		5107250 51120	OT		-		-		-		-		-		-	Salaries
111		5107250 51130	FICA		-		-		-		-		-		-	Benefits
112		5107250 51140	Health Ins		-		-		-		-		-		-	Benefits
113		5107250 51150	DB Retire		-		-		-		-		-		-	Benefits
114		5107250 51170	Work Comp		-		-		-		-		-		-	Benefits
115		5107250 52110	Emp Svcs		-		-		-		-		-		-	Benefits
116		5107250 52310	Utl/Comm		-		-		-		-		-		-	General
117		5107250 52410 5107250 52510	Prof Service		-		-		-		-		-		-	General
118			OthService		-		-		-		-		-		-	General
119		5107250 52610	MaintServ		-		-		-		-		-		-	General
120		5107250 52710	Oper Serv		-		-		-		-		-		-	General
121 122		5107250 53110	Offeq&Furn		-		-		-		-		-		-	General
		5107250 53210	Jani Supp		-		-		-		-		-		-	General
123		5107250 53310	Gen Supp		-		-		-		-		-		-	General
124		5107250 53410	Tools&Equ		-		-		-		-		-		-	General
125		5107250 53510	Fuel		-		-		-		-		-		-	Equip Fuel
126	6757250	5107250 53610	MaintMat		-		-		-		-		-		-	General
127	6757250	6757250 52410	Prof Service		-		-		-		-		-		-	General
128		6757250 52510	OthService		-		-		-		-		-		-	General
129		6757250 55920	Buil&Struc		-		-		-		-		-		-	General
130		6757250 55930	Oth Imprv		-		-		-		-		-		-	General
131 132		6757250 55950	Offeq&Furn Total WaterAdm	\$		\$		\$		\$		\$		\$		General
132			Total WaterAdm	Þ	-	Þ	-	Þ	-	Þ	-	ş	-	ş	-	
133	5107300 Wat	terDist														
134	3107300 Wal	5107300 51110	Salaries	\$	_	\$	_	\$	_	Ś		\$	_	\$	_	Salaries
135		5107300 51110	OT	Ţ	_	Ÿ	_	Ý	_	Ÿ		Y	_	Ÿ	_	Salaries
136		5107300 51120	FICA												_	Benefits
137		5107300 51130	Health Ins												_	Benefits
138		5107300 51150	DB Retire		_		_		_				_		_	Benefits
139		5107300 51155	DC Retire		_		_		_				_		_	Benefits
140		5107300 51170	Work Comp		_		_		_				_		_	Benefits
141		5107300 51170	Unemploy		_		_		_				_		_	Benefits
142		5107300 52110	Emp Svcs		_				_				_		-	Benefits
143		5107300 52310	Utl/Comm		_				_				_		-	General
144		5107300 52410	Prof Servc		_				_		_		_		_	General
145		5107300 52510	OthService		_		_		_				_		_	General
146		5107300 52610	MaintServ		_				_				_		-	General
147		5107300 53110	Offeq&Furn		_				_				_		-	General
148		5107300 53210	Jani Supp		_				_				_		-	General
149		5107300 53310	Gen Supp		_				_				_		-	General
150		5107300 53410	Tools&Equ		_		_		_				_		_	General
151		5107300 53510	Fuel		_				_				_		-	Equip Fuel
152		5107300 53510	MaintMat		_				_		_		_		-	General
153		5107300 53910	Inv Adj		_				_		_		_		-	General
154		5107300 55930	Oth Imprv		_				_		_		_		-	General
155		5107300 55960	Veh&Equip		-				_				-		-	General
156		5107300 55980	Cap of FA		-				_				-		-	General
157		5107300 55990	Depr		-				_				-		-	General
			· -F.													

				Test		Year 1	Year 2		Year 3	Year 4		Year 5	
		Description		Year	F	FY 2022	FY 2023		FY 2024	FY 2025		FY 2026	Inflation Factor
	7300 6757300 51110	Salaries		-		-		-	-	-		-	Salaries
151	6757300 51130	FICA		-		-		-	-	-		-	Benefits
152	6757300 51140	Health Ins		-		-		-	-	-		-	Benefits
153	6757300 51150	DB Retire		-		-		-	-	-		-	Benefits
154	6757300 51155	DC Retire		-		-		-	-	-		-	Benefits
.55	6757300 52410	Prof Servc		-		-		-	-	-		-	General
156	6757300 52510	OthService		-		-		-	-	-		-	General
157	6757300 53410	Tools&Equ		-		_		-	-	_		_	General
.58	6757300 53610	MaintMat		-		_		_	-	_		-	General
.59	6757300 55920	Buil&Struc		_		_		_	_	_		_	General
.60	6757300 55930	Oth Imprv		_		_		_	_	_		_	General
161	6757300 55940	Mach&Equip				_				_			General
162	6757300 55960	Veh&Equip											General
	0737300 33900		\$		_		*	<u>-</u>	-				General
.63		Total WaterDist	\$	-	\$	- :	>	- \$	- \$	-	\$	-	
.64 715	0000 BMAWtr Fund												
165	7150000 52210	Fin Svcs	\$	-	Ś	- :	ŝ	- \$	- \$	-	\$	-	None
66	7150000 52220	BadDbt WO	•		Ÿ			. ,		_	Ÿ		None
67	7150000 52220	Debt-Int											None
68	7150000 52910	Debt-Prin		_		_		-	_	_		_	
				-		-		-	-	-		-	None
169	7150000 55990	Depr	_		_	-		-	-		_		None
.70		Total BMAWtr Fund	\$	-	\$	- :	\$	- \$	- \$	-	\$	-	
71 51	0900 Interfund Transfers												
72	51090059101	Transfer to Gen	\$	_	\$	- :	\$	- \$	- \$	_	\$	_	General Fund Transf
73	51090059663	Transfer to Col.	*	_	Ÿ				-	_	Ÿ	_	General
74	51090059670	Transfer to Stab											General
				-		-		-	-	-		-	
.75	51090059675	Transfer to Cap.	_		_	<u> </u>		-	-		_		General
.76		Total Interfund Transfers	\$	-	\$	- :	>	- \$	- \$	-	\$	-	
177	Water Total Expenses		\$	-	\$	- :	\$	- \$	- \$	-	\$	-	
.78	Proposed Debt	Makes Construction Project			ć	- 9		- Ś	- Ś	_	ć	-	News
.79		Water Construction Project	\$	-	\$	- :		-			\$		None
80		Construction of WWTP Expansion		-		-	2,654,	402	2,654,402	2,654,402		2,654,402	None
81		Construction of Caney PS Corridor Imprmts		-		-		-	-	1,636,949		1,636,949	None
82		Proposed Debt Total	\$	-	\$	- :	\$ 2,654,	402 \$	2,654,402 \$	4,291,350) \$	4,291,350	
83													
.84	Capital Improvement Plan												
85		Pay-as-you-go Funding	\$	2,730,000	\$	2,730,000	\$ 850,	000 \$	2,030,000 \$	565,000) \$	1,055,000	Capital Projects
86		Total CIP	\$	2,730,000	\$	2,730,000	\$ 850,	000 \$	2,030,000 \$	565,000) \$	1,055,000	
187													
188	Total Expenses		\$	7,531,589	\$	7,651,689	\$ 8,539,	138 \$	9,834,938 \$	10,097,919) \$	10,709,577	
189 Revenue	s												
L90 Wastewa													
	0000 Capital Reserve Fund												
92	675000044419	WWCIF	_\$	<u> </u>	\$	- :		- \$	- \$	-	\$		None
93		Total Capital Reserve Fund	\$	-	\$	- :	\$	- \$	- \$	-	\$	-	
94													
	0000 BMASwrFnd												
96	7100000 42163	Contr Lic	\$	(300)	Ś	(300)	s r	300) \$	(300) \$	(300) \$	(300)	None
97	7100000 42103	Fed Grant	7	(300)	Ψ.	(500)	- '	- 50, 4	(300) 9	,500	., 🗸	(300)	None
				-		-			-	-		-	
198	7100000 44175	Other Svc		-		-		-	-	-		-	None

				Test	Year 1	Year 2	Year 3	Year 4	Year 5	
		Description		Year	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Inflation Facto
99	71000044411	WW/Sew Fee		-	-	-	-	-	-	None
00	71000044412	SewSvc Fee		-	-	-	-	-	-	None
01	71000044413	SewTap Fee		(1,400)	(1,400)	(1,400)	(1,400)	(1,400)	(1,400)	None
02	71000044416	Disch Test		(3,160)	(3,160)	(3,160)	(3,160)	(3,160)	(3,160)	None
03	71000046221	Int Earned		-	-	-	-	-	-	None
04	71000074711	Bad Debt Collection		-	-	-	-	-	-	None
05	710000 48211	Sale of FA		-	-	-	-	-	-	None
06	71000048611	Reimb. Contract		(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	(30,000)	None
07	71000047211	Miscellaneous Rev		-	-	-	-	-	<u> </u>	None
08		Total BMASwrfnd	\$	(34,860) \$	(34,860) \$	(34,860) \$	(34,860) \$	(34,860) \$	(34,860)	
09	Total Wastewater Revenues		\$	(34,860) \$	(34,860) \$	(34,860) \$	(34,860) \$	(34,860) \$	(34,860)	
10 Water										
11 7150 0				ı.						
12	715000044611	Water Use	\$	- \$	- \$	- \$	- \$	- \$	-	None
13	715000044613	Wa Srv Fee		-	-	-	-	-	-	None
14	715000044613	SvcOrd Fee		-	-	-	-	-	-	None
15	715000044614	Deling Fee		-	-	-	-	-	-	None
16	715000044615	WtrTap Fee		-	-	-	-	-	-	None
17	715000044618	OthWtr Fee		- (-	-	-	-	-	None
18	715000044619	LT Penalty		(139,747)	(139,747)	(139,747)	(139,747)	(139,747)	(139,747)	None
19	715000046221	Int Earn		-	-	-	-	-	-	None
20	715000047211	Misc. Revenue		-	-	-	-	-	-	None
21	715000047411	Bad Debt Collection		-	-	-	-	-	-	None
22	715000046224	Real G/L		-	-	-	-	-	-	None
23	715000047515	Refunds		-	-	-	-	-	-	None
24	715000048211	Sale of FA		- (400 747) 4	- (420 747) A	- (420 747) 4	- (400 747) 4	- (400 747) 4	- (400 747)	None
25		Total BMAWtrFund	\$	(139,747) \$	(139,747) \$	(139,747) \$	(139,747) \$	(139,747) \$	(139,747)	
26 67500 0	•	wor		_				_		
27	675000044616	WCIF	<u>\$</u>	- \$ - \$		None				
28		Total Capital Reserve	\$	- \$	- \$	- \$	- \$	- \$	-	
29	Total Water Revenues		\$	(139,747) \$	(139,747) \$	(139,747) \$	(139,747) \$	(139,747) \$	(139,747)	
30	Total Revenues		\$	(174,607) \$	(174,607) \$	(174,607) \$	(174,607) \$	(174,607) \$	(174,607)	
31	NET REVENUE REQUIREMENT		\$	7,356,982 \$	7,477,082 \$	8,364,531 \$	9,660,331 \$	9,923,312 \$	10,534,970	

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Cost of Service - Water

			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
1	Water Revenue Requirement	\$	10,813,910	\$	10,594,764	\$	10,830,509	\$	10,772,627	\$	11,533,492
2	Allocation										
3	Allocation to Base, Extra, Customer										
4	Base	\$	5,333,220	\$	5,140,826	\$	5,241,439	\$	5,150,123	\$	5,587,392
5	Extra Capacity		2,669,733		2,557,981		2,605,330		2,548,101		2,778,051
6 7	Customer		2,810,957	_	2,895,957	ċ	2,983,739	ć	3,074,403	_	3,168,049
/	Total	\$	10,813,910	\$	10,594,764	\$	10,830,509	>	10,772,627	\$	11,533,492
8	Inside City Limits - Less than 3"										
9	Base	\$	3,431,522	\$	3,307,732	\$		\$	3,313,713	\$	3,595,063
10	Extra Capacity		2,104,982		2,016,870		2,054,203		2,009,080		2,190,387
11	Customer	_	2,749,571	_	2,832,714		2,918,579	_	3,007,263	_	3,098,864
12	Total	\$	8,286,075	Ş	8,157,315	\$	8,345,251	\$	8,330,056	\$	8,884,314
13	Meters 3" or Greater										
14	Base	\$	600,176	\$	578,525	\$	589,848	\$	579,571	\$	628,780
15	Extra Capacity		352,178		337,436		343,682		336,133		366,467
16	Customer		9,345		9,628		9,920		10,221		10,533
17	Total	\$	961,700	\$	925,589	\$	943,450	\$	925,926	\$	1,005,779
18	Outside City Limits										
19	Base	\$	66,394	\$	63,999	\$	65,251	\$	64,114	\$	69,558
20	Extra Capacity		40,231		38,547		39,261		38,399		41,864
21	Customer		47,277		48,706		50,183		51,708		53,283
22	Total	\$	153,902	\$	151,252	\$	154,695	\$	154,221	\$	164,704
23	Wholesale Total										
24	Base	\$	1,234,577	Ś	1,190,040	Ś	1.213.331	Ś	1,192,193	Ś	1,293,415
25	Extra Capacity	¥	170,046	Y	162,928	Y	165,943	Y	162,298	Y	176,945
26	Customer		3,482		3,587		3,696		3,808		3,924
27	Total	\$	1,408,104	\$	1,356,555	\$	1,382,970	\$	1,358,299	\$	1,474,284
28	Hydrants										
29	Base	\$	550	Ġ	531	Ġ	541	¢	532	¢	577
30	Extra Capacity	Ţ	2,296	Y	2,200	Ţ	2,240	Y	2,191	Ţ	2,389
31	Customer		1,283		1,321		1,362		1,403		1,446
32	Total	\$	4,129	\$	4,052	\$	4,143	\$	4,126	\$	4,411
33	Billing Units										
34	Connection Count										
35 36	Inside City Limits - Less than 3" 5/8"		13,250		13,250		12 250		12 250		12 250
30 37	5/8 1"		13,250		13,250		13,250 1,454		13,250 1,454		13,250 1,454
38	1.5"		1,434		1,434		1,434		1,434		1,434
39	2"		161		161		161		161		161
40	Subtotal		15,005		15,005		15,005		15,005		15,005
41	Inside City - Greater than 3"										
42	3"		35		35		35		35		35
43	4"		10		10		10		10		10
44	6"		5		5		5		5		5
45	8"		1		1		1		1		1
46	Subtotal	-	51		51		51		51		51
47	Outside City Limits										
48	5/8"		212		212		212		212		212
49	1"		40		40		40		40		40
50	1.5"		2		2		2		2		2
51	2"		4		4		4		4		4

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Cost of Service - Water

				Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
52	Subtotal			258		258		258		258		258
53	Wholesale											
54	BarDew (2")			1		1		1		1		1
55	Strike Axe			3		3		3		3		3
56	Wash Co #2			5		5		5		5		5
57	Ochelata			2		2		2		2		2
58	RPWA (Ramona)			2		2		2		2		2
59	Osage			1		1		1		1		1
60	Dewey			3		3		3		3		3
61	Minnesota			1		1		1		1		1
62	Wash Co #5			1 19		1 19		1 19		1 19		1 19
63	Hydrants			7		7		7		7		7
	·											
64	Total Connections			15,340		15,340		15,340		15,340		15,340
65	Minimum Bills											
66	Inside City Limits	- 11	_									4= 45
67		< 1"	\$	15.19	\$	15.19	Ş	15.19	Ş	15.19	Ş	15.19
68		1"		37.98		37.98		37.98		37.98		37.98
69		1.5"		75.95		75.95		75.95		75.95		75.95
70		2"		121.52		121.52		121.52		121.52		121.52
71		3"		227.85		227.85		227.85		227.85		227.85
72		4" 6"		379.75		379.75		379.75		379.75		379.75
73 74		8"		759.50		759.50 1,215.20		759.50		759.50 1,215.20		759.50 1,215.20
7 4 75	Outside City Limits	٥		1,215.20		1,215.20		1,215.20		1,215.20		1,215.20
75 76	Outside City Limits	< 1"	\$	18.99	Ċ	18.99	Ċ	18.99	Ċ	18.99	ċ	18.99
70 77		1"	Ţ	47.48	۲	47.48	ب	47.48	ب	47.48	۲	47.48
77 78		1.5"		94.94		94.94		94.94		94.94		94.94
79		2"		151.90		151.90		151.90		151.90		151.90
80		3"		284.81		284.81		284.81		284.81		284.81
81		4"		474.69		474.69		474.69		474.69		474.69
82		6"		949.38		949.38		949.38		949.38		949.38
83		8"		1,519.00		1,519.00		1,519.00		1,519.00		1,519.00
84	Wholesale			_,		_,		_,======		_,		_,=======
85		Dewey	\$	-	\$	-	\$	-	\$	-	\$	_
86	Washington Co. #5	,		470.89		470.89		470.89		470.89		470.89
87	Minnesota Water Charge			75.95		75.95		75.95		75.95		75.95
88	· ·	2"		151.90		151.90		151.90		151.90		151.90
89		3"		284.81		284.81		284.81		284.81		284.81
90		4"		474.69		474.69		474.69		474.69		474.69
91		6"		949.38		949.38		949.38		949.38		949.38
92		8"		1,519.00		1,519.00		1,519.00		1,519.00		1,519.00
93	Minimum Bill Revenue											
94	Inside City Limits - Less than 3"											
95		5/8"	\$	2,415,210	\$	2,415,210	\$	2,415,210	\$	2,415,210	\$	2,415,210
96		1"		662,675		662,675		662,675		662,675		662,675
97		1.5"		127,596		127,596		127,596		127,596		127,596
98		2"		234,777		234,777		234,777		234,777		234,777
99	Subtotal		\$	3,440,258	\$	3,440,258	\$	3,440,258	\$	3,440,258	\$	3,440,258
100	Inside City - Greater than 3"											
101		3"	\$	95,697	\$	95,697	\$	95,697	\$	95,697	\$	95,697
102		4"		45,570		45,570		45,570		45,570		45,570

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Cost of Service - Water

				Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
103		6" 8"		45,570		45,570		45,570		45,570		45,570
104 105	Subtotal	8	\$	14,582 201,419	ċ	14,582 201,419	ċ	14,582 201,419	ċ	14,582	\$	14,582
105 106	Subtotal Outside City Limits		>	201,419	>	201,419	>	201,419	\$	201,419	>	201,419
107	Outside City Limits	5/8"	\$	48,304	Ġ	48,304	¢	48,304	¢	48,304	¢	48,304
108		3/8 1"	٦	22,788	ب	22,788	ب	22,788	۲	22,788	ڔ	22,788
109		1.5"		2,279		2,279		2,279		2,279		2,279
110		2"		7,291		7,291		7,291		7,291		7,291
111	Subtotal		\$	80,662	\$	80,662	\$	80,662	\$	80,662	\$	80,662
112	Wholesale											
113	BarDew (2")		\$	1,823	\$	1,823	\$	1,823	\$	1,823	\$	1,823
114	Strike Axe(2"&3"x2)			8,658		8,658		8,658		8,658		8,658
115	Wash Co #2(2x3",2x4",6")			41,013		41,013		41,013		41,013		41,013
116	Ochelata(3"&4")			9,114		9,114		9,114		9,114		9,114
117	RPWA (3",6")			14,810		14,810		14,810		14,810		14,810
118	Osage(4")			5,696		5,696		5,696		5,696		5,696
119	Dewey			-		-		-		-		-
120	Minnesota			911		911		911		911		911
121	Wash Co #5			5,651		5,651		5,651		5,651		5,651
122	Subtotal		\$	87,677	\$	87,677	\$	87,677	\$	87,677	\$	87,677
123	Hydrants		\$	19,139	\$	19,139	\$	19,139	\$	19,139	\$	19,139
124	Total Minimum Bill Revenue		\$	3,829,155	\$	3,829,155	\$	3,829,155	\$	3,829,155	\$	3,829,155
125	Minimum Bill Recovery			35%		36%		35%		36%		33%
126	Revenue Requirement to be Recovered by Volu	ımetric Char	ges									
127	Revenue to be Recovered from Volumetric Char	rge										
128	Inside City Limits - Less Than 3"	•	\$	4,845,817	Ś	4,717,058	Ś	4,904,993	Ś	4,889,799	Ś	5,444,056
129	Inside City Limits - > 3"			760,280		724,170		742,030		724,506		804,360
130	Outside City Limits			73,240		70,591		74,033		73,559		84,043
131	Total Wholesale			1,320,428		1,268,878		1,295,293		1,270,622		1,386,607
132	Hydrants			(15,011)		(15,088)		(14,997)		(15,014)		(14,728)
133	Water Consumption (1,000 gals)											
134	Inside City Limits < 3"			1,054,842		1,054,842		1,054,842		1,054,842		1,054,842
135	Inside City Limits - Greater 3"			184,493		184,493		184,493		184,493		184,493
136	Outside City Limits			20,409		20,409		20,409		20,409		20,409
137	BarDew			2,776		2,776		2,776		2,776		2,776
138	Strike Axe			22,206		22,206		22,206		22,206		22,206
139	Wash Co #2			74,578		74,578		74,578		74,578		74,578
140	Ochelata			21,050		21,050		21,050		21,050		21,050
141	RPWA			67,934		67,934		67,934		67,934		67,934
142	Osage			22,749		22,749		22,749		22,749		22,749
143	Dewey			163,999		163,999		163,999		163,999		163,999
144	Minnesota			3,618		3,618		3,618		3,618		3,618
145	Wash Co #5			598		598		598		598		598
146	Hydrants			169		169		169		169		169
147	Total Volume Billed			1,639,420		1,639,420		1,639,420		1,639,420		1,639,420
148	Cost per 1000 gals											
149	Inside City Limits - Less Than 3"		\$		\$	4.47		4.65		4.64		5.16
150	Inside City Limits - Greater Than 3"		\$	4.12	\$	3.93	\$	4.02	\$	3.93	\$	4.36
151	Outside City Limits		\$	3.59	\$	3.46	\$	3.63		3.60		4.12
152	Total Wholesale		\$	3.48		3.34		3.41		3.35	\$	3.65
153	Hydrants		\$	(88.71)	\$	(89.17)	\$	(88.63)	\$	(88.73)	\$	(87.05)

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Cost of Service - Wastewater

			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
1	Wastewater Revenue Requirement	\$	7,477,082	\$	8,364,531	\$	9,660,331	\$	9,923,312	\$	10,534,970
2	Billing Units										
3	Connection Count										
4	Inside City Limits		12,783		12,783		12,783		12,783		12,783
5	Outside City Limits		261		261		261		261		261
6	Total		13,044		13,044		13,044		13,044		13,044
7	Wastewater Annual Consumption (1,000 gals)										
8	Inside City Limits		909,460		909,460		909,460		909,460		909,460
9	Outside City Limits		1,330		1,330		1,330		1,330		1,330
10	Total		910,790		910,790		910,790		910,790		910,790
11 12	Minimum Bills Rates Per Month										
13	Inside City Limits	\$	9.93	خ	9.93	۲	9.93	ċ	9.93	ċ	9.93
14	Outside City Limits	Ş	12.41								
15	Annual Minimum Bill Revenue										
16	Inside City Limits	\$	1,523,237	¢	1,523,237	¢	1,523,237	¢	1,523,237	¢	1,523,237
17	Outside City Limits	Ą	38,858	Ļ	38,858	۲	38,858	Ţ	38,858	Ļ	38,858
18	Total	\$	1,562,095	\$	1,562,095	\$	1,562,095	\$	1,562,095	\$	1,562,095
19	Minimum Bill Recovery		21%		19%		16%		16%		15%
20	Volumetric Rate										
21	RR to be Recovered by Volumetric Rates	\$	5,914,987	\$	6,802,436	\$	8,098,236	\$	8,361,217	\$	8,972,875
22	Cost per 1,000 gal	\$	6.49	\$	7.47	\$	8.89	\$	9.18	\$	9.85

			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
1	Water Revenue Requirement	\$	10,813,910	\$	10,594,764	\$	10,830,509	\$	10,772,627	\$	11,533,492
2	Allocation										
3	Allocation to Base, Extra, Customer										
4	Base	\$	5,333,220	\$	5,140,826	\$	5,241,439	\$	5,150,123	\$	5,587,392
5	Extra Capacity		2,669,733		2,557,981		2,605,330		2,548,101		2,778,051
6	Customer	\$	2,810,957 10,813,910	_	2,895,957		2,983,739	_	3,074,403	<u>_</u>	3,168,049
7	Total	\$	10,813,910	\$	10,594,764	\$	10,830,509	\$	10,772,627	\$	11,533,492
8	Inside City Limits - Less than 3"										
9	Base	\$	3,431,522	\$	3,307,732	\$	3,372,468	\$	3,313,713	\$	3,595,063
10	Extra Capacity		2,104,982		2,016,870		2,054,203		2,009,080		2,190,387
11	Customer Total	\$	2,749,571	ć	2,832,714	ć	2,918,579	ċ	3,007,263	ċ	3,098,864
12	Total	\$	8,286,075	Þ	8,157,315	Ş	8,345,251	Þ	8,330,056	Ş	8,884,314
13	Meters 3" or Greater										
14	Base	\$	600,176	\$	578,525	\$	589,848	\$	579,571	\$	628,780
15	Extra Capacity		352,178		337,436		343,682		336,133		366,467
16 17	Customer Total	\$	9,345 961,700	ć	9,628 925,589	ć	9,920 943,450	ć	10,221 925,926	ċ	1,005,779
17	Total	Ţ	901,700	ڔ	323,363	ڔ	343,430	۲	923,920	Ą	1,003,779
18	Outside City Limits										
19	Base	\$	66,394	\$	63,999	\$	65,251	\$	64,114	\$	69,558
20	Extra Capacity		40,231		38,547		39,261		38,399		41,864
21 22	Customer Total	\$	47,277	\$	48,706	_	50,183 154,695	_	51,708 154,221	<u>_</u>	53,283 164,704
22	Total	\$	153,902	Þ	151,252	Þ	154,695	Þ	154,221	Þ	164,704
23	Wholesale Total										
24	Base	\$	1,234,577	\$	1,190,040	\$	1,213,331	\$	1,192,193	\$	1,293,415
25	Extra Capacity		170,046		162,928		165,943		162,298		176,945
26	Customer	\$	3,482	,	3,587	,	3,696	,	3,808	<u>, </u>	3,924
27	Total	\$	1,408,104	\$	1,356,555	\$	1,382,970	\$	1,358,299	\$	1,474,284
28	Hydrants										
29	Base	\$	550	\$	531	\$	541	\$	532	\$	577
30	Extra Capacity		2,296		2,200		2,240		2,191		2,389
31	Customer		1,283	_	1,321	_	1,362	_	1,403	_	1,446
32	Total	\$	4,129	\$	4,052	\$	4,143	\$	4,126	\$	4,411
33	Billing Units										
34	Connection Count										
35	Inside City Limits - Less than 3"										
36	5/8"		13,250		13,250		13,250		13,250		13,250
37 38	1" 1.5"		1,454 140		1,454 140		1,454 140		1,454 140		1,454 140
39	2"		161		161		161		161		161
40	Subtotal		15,005		15,005		15,005		15,005		15,005
41	Inside City - Greater than 3"										
42	3"		35		35		35		35		35
43 44	4" 6"		10 5		10 5		10 5		10 5		10 5
45	8"		1		1		1		1		1
46	Subtotal		51		51		51		51		51
47	Outside City Limits										
48	5/8"		212		212		212		212		212
49 50	1" 1.5"		40 2		40 2		40 2		40 2		40 2
51	2"		4		4		4		4		4
52	Subtotal		258		258		258		258		258
53	Wholesale										
54	BarDew		1		1		1		1		1
55	Strike Axe		3		3		3		3		3
56	Wash Co #2		5		5		5		5		5
57	Ochelata		2		2		2		2		2
58 59	RPWA (Ramona) Osage		2		2		2		2		2
60	Dewey		3		3		3		3		3
61	Minnesota		1		1		1		1		1
62	Wash Co #5		1		1		1		1		1
63	Subtotal		19		19		19		19		19

				Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
64	Hydrants			7		7		7		7		7
65	Total Connections			15,340		15,340		15,340		15,340		15,340
66	Minimum Bills											
67	Inside City Limits											
68		< 1"	\$	15.19	\$	15.19	\$	15.19	\$	15.19	\$	15.19
69 70		1" 1.5"		37.98 75.95		37.98 75.95		37.98 75.95		37.98 75.95		37.98 75.95
70 71		1.5 2"		121.52		121.52		121.52		121.52		121.52
72		3"		227.85		227.85		227.85		227.85		227.85
73		4"		379.75		379.75		379.75		379.75		379.75
74		6"		759.50		759.50		759.50		759.50		759.50
75 76	Outrido City Limite	8"		1,215.20		1,215.20		1,215.20		1,215.20		1,215.20
76 77	Outside City Limits	< 1"	\$	18.99	\$	18.99	¢	18.99	\$	18.99	\$	18.99
78		1"	Ÿ	47.48	~	47.48	Ψ.	47.48	Ψ.	47.48	Ψ.	47.48
79		1.5"		94.94		94.94		94.94		94.94		94.94
80		2"		151.90		151.90		151.90		151.90		151.90
81		3"		284.81		284.81		284.81		284.81		284.81
82 83		4" 6"		474.69 949.38		474.69		474.69		474.69 949.38		474.69 949.38
83 84		8"		1,519.00		949.38 1,519.00		949.38 1,519.00		1,519.00		1,519.00
85	Wholesale	8		1,313.00		1,313.00		1,313.00		1,313.00		1,319.00
86		Dewey	\$	-	\$	-	\$	-	\$	-	\$	-
87	Washington Co. #5			470.89		470.89		470.89		470.89		470.89
88	Minnesota Water Charge			75.95		75.95		75.95		75.95		75.95
89		2"		151.90		151.90		151.90		151.90		151.90
90 91		3" 4"		284.81		284.81		284.81		284.81		284.81
92		6"		474.69 949.38		474.69 949.38		474.69 949.38		474.69 949.38		474.69 949.38
93		8"		1,519.00		1,519.00		1,519.00		1,519.00		1,519.00
94 95	Minimum Bill Revenue Inside City Limits - Less than 3"											
96		5/8"	\$		\$	2,415,210	\$	2,415,210	\$	2,415,210	\$	2,415,210
97		1"		662,675		662,675		662,675		662,675		662,675
98 99		1.5" 2"		127,596 234,777		127,596 234,777		127,596 234,777		127,596 234,777		127,596 234,777
100	Subtotal	-	\$	3,440,258	\$	3,440,258	\$	3,440,258	\$	3,440,258	Ś	3,440,258
101	Inside City - Greater than 3"		·	-, -,	•	., .,		-, -,		-, -,	•	-, -,
102		3"	\$	95,697	\$	95,697	\$	95,697	\$	95,697	\$	95,697
103		4"		45,570		45,570		45,570		45,570		45,570
104		6"		45,570		45,570		45,570		45,570		45,570
105 106	Subtotal	8"	\$	14,582 201,419	\$	14,582 201,419	¢	14,582 201,419	\$	14,582 201,419	Ġ	14,582 201,419
107	Outside City Limits		ڔ	201,419	ڔ	201,415	ڔ	201,415	ڔ	201,419	۲	201,419
108		5/8"	\$	48,304	\$	48,304	\$	48,304	\$	48,304	\$	48,304
109		1"		22,788		22,788		22,788		22,788		22,788
110		1.5"		2,279		2,279		2,279		2,279		2,279
111	Culphod - I	2"	_	7,291	<u>,</u>	7,291	<u>_</u>	7,291	<u>,</u>	7,291	<u>,</u>	7,291
112 113	Subtotal Wholesale		\$	80,662	\$	80,662	\$	80,662	\$	80,662	>	80,662
113	Wholesale BarDew (2")		\$	1,823	Ś	1,823	Ś	1,823	\$	1,823	\$	1,823
115	Strike Axe(2"&3"x2)		~	8,658	Ψ.	8,658	~	8,658	~	8,658	+	8,658
116	Wash Co #2(2x3",2x4",6")			41,013		41,013		41,013		41,013		41,013
117	Ochelata(3"&4")			9,114		9,114		9,114		9,114		9,114
118	RPWA (3",6")			14,810		14,810		14,810		14,810		14,810
119	Osage(4")			5,696		5,696		5,696		5,696		5,696
120 121	Dewey Minnesota			911		911		911		911		911
121	Wash Co #5			5,651		5,651		5,651		5,651		5,651
123	Subtotal		\$	87,677	\$	87,677	\$	87,677	\$	87,677	\$	87,677
124	Hydrants		\$	19,139	\$	19,139	\$	19,139	\$	19,139	\$	19,139
125	Total Minimum Bill Revenue		\$	3,829,155	\$	3,829,155	\$	3,829,155	\$	3,829,155	\$	3,829,155
126	Minimum Bill Recovery			35%		36%		35%		36%		33%
127	Revenue Requirement to be Recovered by	Volumetric Cha	rges									

			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025	Year 5 FY 2026
128 129	Revenue to be Recovered from Volumetric Charge Inside City Limits - Less Than 3"	\$	4,845,817	\$	4,717,058	\$	4,904,993	\$	4,889,799 \$	
130	Inside City Limits - > 3"	•	760,280	~	724,170	~	742,030	Ψ.	724,506	804,360
131	Outside City Limits		73,240		70,591		74,033		73,559	84,043
132	Total Wholesale		1,320,428		1,268,878		1,295,293		1,270,622	1,386,607
133	Hydrants		(15,011)		(15,088)		(14,997)		(15,014)	(14,728)
134	Volumetric Rates									
135	Inside City Limits - Less Than 3" (per 1000 gals)	ć		ć				¢	<u> </u>	
136 137	0-2000 gallons 2001-10000 gallons	\$	- 4.27	\$	- 4.27	\$	- 4.27	\$	- \$ 4.27	4.27
138	10001-25000 gallons		4.70		4.70		4.27		4.70	4.70
139	25001-50000 gallons		5.12		5.12		5.12		5.12	5.12
140	>50000 gallons		5.55		5.55		5.55		5.55	5.55
141	Inside City Limits - Greater Than 3" (per 1000 gals)							_		
142	0-2000 gallons	\$	- 4.27	\$	- 4.27	\$	-	\$	- \$	- 4.27
143	> 2000 gallons		4.27		4.27		4.27		4.27	4.27
144 145	Outside City Limits 0-2000 gallons	\$	-	\$	_	\$	_	\$	- \$	_
145	0-2000 gallons 2001-10000 gallons	Ş	5.34	ڔ	5.34	Ş	5.34	ڔ	- ş 5.34	5.34
147	10001-25000 gallons		5.88		5.88		5.88		5.88	5.88
148	25001-50000 gallons		6.40		6.40		6.40		6.40	6.40
149	>50000 gallons		6.94		6.94		6.94		6.94	6.94
150	Wholesale									
151	Dewey (per 1000 gals)	\$	3.32	\$	3.32	\$	3.32	\$	3.32 \$	3.32
152	Districts									
153	0-2000 gallons	\$		\$	-	\$	-	\$	- \$	-
154 155	> 2000 gallons Minnesota		5.29		5.29		5.29		5.29	5.29
156	0-2000 gallons	\$	-	\$	_	\$	_	\$	- \$	_
157	2001-10000 gallons	Ÿ	4.27	7	4.27	7	4.27	Y	4.27	4.27
158	10001-25000 gallons		4.70		4.70		4.70		4.70	4.70
159	25001-50000 gallons		5.12		5.12		5.12		5.12	5.12
160	>50000 gallons		5.55		5.55		5.55		5.55	5.55
161	Other									
162 163	0-2000 gallons > 2000 gallons	\$	5.34	\$	5.34	\$	5.34	\$	- \$ 5.34	5.34
164	Volumetric Consumption									
165	Water Consumption (1,000 gals)									
166	Inside City Limits < 3"		1,054,842		1,054,842		1,054,842		1,054,842	1,054,842
167	Inside City Limits - Greater 3"		184,493		184,493		184,493		184,493	184,493
168	Outside City Limits		20,409		20,409		20,409		20,409	20,409
169	BarDew		2,776		2,776		2,776		2,776	2,776
170	Strike Axe		22,206		22,206		22,206		22,206	22,206
171 172	Wash Co #2 Ochelata		74,578 21,050		74,578		74,578		74,578	74,578 21,050
172	RPWA		67,934		21,050 67,934		21,050 67,934		21,050 67,934	67,934
174	Osage		22,749		22,749		22,749		22,749	22,749
175	Dewey		163,999		163,999		163,999		163,999	163,999
176	Minnesota		3,618		3,618		3,618		3,618	3,618
177	Wash Co #5		598		598		598		598	598
178 179	Hydrants Total Volume Billed		169 1,639,420		169 1,639,420		169 1,639,420		169 1,639,420	169 1,639,420
			, , 3		, , 3		,,		, ,	, , 3
180 181	In City Volume (< 3") Consumed at Proposed Blocks 0-2000 gallons		26%		26%		26%		26%	26%
182	2001-10000 gallons		67%		67%		67%		67%	67%
183	10001-25000 gallons		7%		7%		7%		7%	7%
184	25001-50000 gallons		0%		0%		0%		0%	0%
185	>50000 gallons		0%		0%		0%		0%	0%
186	In City Volume (> 3") Consumed at Proposed Blocks		F01		F01		F0/		F0/	F0/
187 188	0-2000 gallons > 2000 gallons		5% 95%		5% 95%		5% 95%		5% 95%	5% 95%
	_		55%		3376		55%		33/0	55/6
189	Outside City Volume Consumed at Proposed Blocks		0.407		0.407		040/		040/	040/
190 191	0-2000 gallons 2001-10000 gallons		24% 76%		24% 76%		24% 76%		24% 76%	24% 76%
171	2001-10000 RqiiQii2		10%		10%		10%		70%	10%

1922 1,0001_12000 pilons				Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
1996	192	10001-25000 gallons										0%
Minescrita												0%
1986	194	>50000 gallons		0%		0%		0%		0%		0%
196	195	Minnesota										
1979 2001-10000 gallons 17%				4%		4%		4%		4%		4%
1999												17%
Wholesale (Other)	198	10001-25000 gallons		31%		31%		31%		31%		31%
Wholesale (Other)	199	25001-50000 gallons		52%		52%		52%		52%		52%
2020 0,2000 gallons 10%	200	>50000 gallons		12%		12%		12%		12%		12%
Annual Volumetric Revenue	201	Wholesale (Other)										
Inside City Limits - Less Than 3" (per 1000 gallon to 2000 gallons 2001 1000 125000 gallons 20	202	0-2000 gallons		10%		10%		10%		10%		10%
Inside City Limits - Less Than 3" (per 1000 gallons 2001 10000 gallons 3,017,798 3	203	> 2000 gallons		90%		90%		90%		90%		90%
	204	Annual Volumetric Revenue										
	205	Inside City Limits - Less Than 3" (ner 1000 gals)										
2001			Ś	-	Ś	_	Ś	_	Ś	-	Ś	-
				3,017,798	•	3,017,798	•	3,017,798				3,017,798
200	208											347,043
Total S	209	25001-50000 gallons		-		-		-				-
Inside City Limits - Greater Than 3" (per 1000 gallons 2000 gallons 5 5 5 5 5 5 5 5 5	210	>50000 gallons		-		-		-		-		-
213	211	Total	\$	3,364,841	\$	3,364,841	\$	3,364,841	\$	3,364,841	\$	3,364,841
	212	Inside City Limits - Greater Than 3" (per 1000 gals)										
Total S	213	0-2000 gallons	\$	-	\$	-	\$	-	\$	-	\$	-
Outside City Limits	214	> 2000 gallons										582,960
1217	215	Total	\$	582,960	\$	582,960	\$	582,960	\$	582,960	\$	582,960
1217	216	Outside City Limits										
218		•		-		-		_		-		-
220				82,790		82,790		82,790		82,790		82,790
Second	219			-		-		-		-		-
Wholesale	220	25001-50000 gallons		-		-		-		-		-
Wholesale Dewey (per 1000 gals) \$ 544,476 \$ 54				-		-		-				-
Dewey (per 1000 gals)	222	Total	\$	82,790	\$	82,790	\$	82,790	\$	82,790	\$	82,790
Districts	223	Wholesale										
226	224	Dewey (per 1000 gals)	\$	544,476	\$	544,476	\$	544,476	\$	544,476	\$	544,476
227						-		-		-		-
228				-		-		-		-		-
229		-		2,848								2,848
230						-		-				-
231				2 626		2 626		2 626				2 626
232 25001-50000 gallons												
233												9,633
235												2,410
236	234	Other				-		-		-		-
Total \$ 1,582,255 \$ 1,582,	235	0-2000 gallons		-		-		-		-		-
238	236	> 2000 gallons		1,014,991		1,014,991						1,014,991
239	237	Total	\$	1,582,255	\$	1,582,255	\$	1,582,255	\$	1,582,255	\$	1,582,255
239	238	Hydrant										
240 240 240 240 3 2000 gallons 722 7		•	\$	-	\$	-	\$	-	\$	-	\$	-
Total Volumetric Revenue \$ 5,613,569 \$ 5,6	240	> 2000 gallons		722		722		722		722		722
243 Water Capital Investment Fee 244 Water Capital Investment Fee 245 Inside City Limits \$ 0.85 \$ 0.	241	Total	\$	722	\$	722	\$	722	\$	722	\$	722
244 Water Capital Investment Fee 245 Inside City Limits \$ 0.85 \$ 0.	242	Total Volumetric Revenue	\$	5,613,569	\$	5,613,569	\$	5,613,569	\$	5,613,569	\$	5,613,569
245 Inside City Limits \$ 0.85	243	Water Capital Investment Fee										
246 Outside City Limits \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.00 \$ 1.0	244											
247 Dewey \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 248 Districts \$ 1.05 \$ 1		•										0.85
248 Districts \$ 1.05		•				1.06		1.06				1.06
249 Minnesota \$ 0.85 \$ 0.						-		-				
250 Wholesale (Other) \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.06 \$ 1.07 \$ 1.07 \$ 1.08 \$ 1.09 \$												1.05
251 Water Capital Investment Revenue 252 Inside City Limits - Less than 3" \$ 590,514 \$ 590,514 \$ 590,514 \$ 590,514 \$ 590,514 \$ 590,514 \$ 590,514 \$ 148,978 148,978 148,978 148,978												0.85
252 Inside City Limits - Less than 3" \$ 590,514<	250	wholesale (Other)	Ş	1.06	Þ	1.06	Þ	1.06	Þ	1.06	ş	1.06
253 Inside City Limits - Greater than 3" 148,978 148,978 148,978 148,978 148,978												
			\$		\$		\$		\$		\$	590,514
254 Outside City Limits 16,481 16,481 16,481 16,481 16,481 16,481												148,978
	254	Outside City Limits		16,481		16,481		16,481		16,481		16,481

			Year 1		Year 2		Year 3		Year 4		Year 5
			FY 2022		FY 2023		FY 2024		FY 2025		FY 2026
255	BarDew		2,924		2,924		2,924		2,924		2,924
256	Strike Axe		23,517		23,517		23,517		23,517		23,517
257	Wash Co #2		79,111		79,111		79,111		79,111		79,111
258	Ochelata		22,315		22,315		22,315		22,315		22,315
259	RPWA		72,129		72,129		72,129		72,129		72,129
260	Osage		24,145		24,145		24,145		24,145		24,145
261	Dewey		-		-		-		-		-
262	Minnesota		2,952		2,952		2,952		2,952		2,952
263	Wash Co #5		603		603		603		603		603
264	Hydrants		144		144		144		144		144
265	Total	\$	983,811	\$	983,811	\$	983,811	\$	983,811	\$	983,811
266	Over(Under) Recovery										
267	Inside City Limits Revenue (< 3") Requirement	\$	8,286,075	\$	8,157,315	\$	8,345,251	\$	8,330,056	\$	8,884,314
268	Inside City Limits Revenue		7,395,613		7,395,613		7,395,613		7,395,613		7,395,613
269	Over(Under) Recovery	\$	(890,462)	\$	(761,702)	\$	(949,638)	\$	(934,444)	\$	(1,488,701)
270	Inside City Limits Revenue (> 3") Requirement	\$	961,700	Ś	925,589	Ś	943,450	Ś	925,926	Ś	1,005,779
271	Inside City Limits Revenue		933,358	•	933,358		933,358		933,358	•	933,358
272	Over(Under) Recovery	\$	(28,342)	\$	7,768	\$	(10,092)	\$	7,432	\$	(72,421)
273	Outside City Limits Revenue Requirement	\$	153,902	\$	151,252	\$	154,695	\$	154,221	\$	164,704
274	Outside City Limits Revenue	Ŷ	179,933	~	179,933	~	179,933	~	179,933	~	179,933
275	Over(Under) Recovery	\$	26,031	¢	28,680	¢	25,238	¢	25,712	¢	15,228
2/3	Over(Glider) Necovery	Y	20,031	Ţ	20,000	Ţ	23,230	Ţ	25,712	Y	15,220
276	Wholesale Revenue Requirement	\$	1,408,104	\$	1,356,555	\$	1,382,970	\$	1,358,299	\$	1,474,284
277	Wholesale Revenue		1,897,627		1,897,627		1,897,627		1,897,627		1,897,627
278	Over(Under) Recovery	\$	489,522	\$	541,072	\$	514,657	\$	539,328	\$	423,343
279	Hydrants Revenue Requirement	\$	4,129	\$	4,052	\$	4,143	\$	4,126	\$	4,411
280	Hydrant Revenue		20,006		20,006		20,006		20,006		20,006
281	Over(Under) Recovery	\$	15,877	\$	15,954	\$	15,863	\$	15,880	\$	15,594
282	Total Revenue Requirement	\$	10,813,910	\$	10,594,764	\$	10,830,509	\$	10,772,627	\$	11,533,492
283	Minimum Bill Revenue	\$	3,829,155	\$	3,829,155	\$	3,829,155	\$	3,829,155	\$	3,829,155
284	Volumetric Revenue	•	5,613,569	•	5,613,569		5,613,569		5,613,569		5,613,569
285	W Capital Investment Fee		983,811		983,811		983,811		983,811		983,811
286	Total Revenue	\$		\$	10,426,536	\$	10,426,536	\$	10,426,536	\$	10,426,536
287	Total Over(Under) Recovery	\$	(387,374)	Ś	(168,228)	Ś	(403,973)	Ś	(346,091)	Ś	(1,106,956)
288	Cumulative Over(Under) Recovery	\$	(387,374)		(555,602)	_	(959,575)	_	(1,305,666)	_	(2,412,622)
200	Camarative Over(Olider) necovery	Ţ	(307,374)	Ţ	(333,002)	Ţ	(333,373)	ų	(1,303,000)	Ţ	(2,712,022)

		onder/ Ne	-		Voor 3		Vacu 2		Voor 4		Voor F
			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
1	Wastewater Revenue Requirement	\$	7,477,082	\$	8,364,531	\$	9,660,331	\$	9,923,312	\$	10,534,970
2	Billing Units										
3	Connection Count										
4	Inside City Limits		12,783		12,783		12,783		12,783		12,783
5	Outside City Limits		261		261		261		261		261
6	Subtotal		13,044		13,044		13,044		13,044		13,044
7	Wastewater Annual Billable Flow										
8	Inside City Limits		909,460		909,460		909,460		909,460		909,460
9	Outside City Limits		1,330		1,330		1,330		1,330		1,330
10	Subtotal		910,790		910,790		910,790		910,790		910,790
11	Minimum Bills										
12	Monthly Bill Charge										
13	Inside City Limits	\$	9.93	\$	9.93	\$	9.93	\$	9.93	\$	9.93
14	Outside City Limits	\$	12.41	\$	12.41	\$	12.41	\$	12.41	\$	12.41
15	Minimum Bill Revenue										
16	Sewer										
17	Inside City Limits	\$	1,523,237	\$	1,523,237	\$	1,523,237	\$	1,523,237	\$	1,523,237
18	Outside City Limits		38,858		38,858		38,858		38,858		38,858
19	Total Minimum Bill Revenue	\$	1,562,095	\$	1,562,095	\$	1,562,095	\$		\$	1,562,095
20	Minimum Bill Recovery		21%		19%		16%		16%		15%
21 22	Revenue Requirement to be Recovered from Volumetric Volumetric Revenue Requirement										
23	Rate per 1,000 gal - Sewer										
24	Inside City Limits	\$	3.29	\$	3.29	\$	3.29	\$	3.29	\$	3.29
25	Outside City Limits	\$	4.11		4.11		4.11		4.11		4.11
26	Volumetric Revenue - Sewer										
27	Inside City Limits	\$	2,992,123	Ś	2,992,123	Ś	2,992,123	Ś	2,992,123	Ś	2,992,123
28	Outside City Limits	*	5,471	7	5,471	7	5,471	*	5,471	7	5,471
29	Total Sewer Volumetric Revenue	\$	2,997,594	\$	2,997,594	\$	2,997,594	\$	2,997,594	\$	2,997,594
30	Wastewater Capital Investment Fee (per kgal)										
31	Inside City Limits	\$	2.53	\$	2.53	\$	2.53	\$	2.53	\$	2.53
32	Outside City Limits	\$	3.16		3.16		3.16		3.16		3.16
33	WCIF Revenue										
34	Inside City Limits	\$	2,300,934	Ś	2,300,934	Ś	2,300,934	Ś	2,300,934	Ś	2,300,934
35	Outside City Limits	*	4,207	7	4,207	~	4,207	~	4,207	Ψ.	4,207
36	Total	\$	2,305,141	\$	2,305,141	\$		\$	2,305,141	\$	2,305,141
37	Revenue Requirement	\$	7,477,082	\$	8,364,531	\$	9,660,331	\$	9,923,312	\$	10,534,970
38	Minimum Bill Revenue	\$	1,562,095	\$	1,562,095	\$	1,562,095	\$	1,562,095	\$	1,562,095
39	Volumetric Revenue		2,997,594		2,997,594		2,997,594		2,997,594		2,997,594
40	Capital Investment Fee		2,305,141		2,305,141		2,305,141		2,305,141		2,305,141
41	Total Revenue	\$	6,864,830	\$	6,864,830	\$	6,864,830	\$	6,864,830	\$	6,864,830
42	Total Over(Under) Recovery	Ś	(612,252)	\$	(1,499,701)	\$	(2,795,501)	\$	(3,058,482)	\$	(3,670,140)
43	Cumulative Over(Under) Recovery	\$	(612,252)		(2,111,953)		(4,907,455)		(7,965,937)		(11,636,077)

			Year 1 FY 2022	,	Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
1	Water Revenue Requirement	\$	10,813,910	\$	10,594,764	\$	10,830,509	\$	10,772,627	\$	11,533,492
2	Allocation										
3	Allocation to Base, Extra, Customer										
4	Base	\$	5,333,220	\$	5,140,826	\$	5,241,439	\$	5,150,123	\$	5,587,392
5	Extra Capacity		2,669,733		2,557,981		2,605,330		2,548,101		2,778,051
6 7	Customer	\$	2,810,957	\$	2,895,957	ċ	2,983,739	ċ	3,074,403	ċ	3,168,049
/	Total	\$	10,813,910	Þ	10,594,764	>	10,830,509	\$	10,772,627	>	11,533,492
8	Inside City Limits - Less than 3"										
9	Base	\$	3,431,522	\$	3,307,732	\$	3,372,468	\$	3,313,713	\$	3,595,063
10	Extra Capacity		2,104,982		2,016,870		2,054,203		2,009,080		2,190,387
11	Customer		2,749,571		2,832,714		2,918,579		3,007,263		3,098,864
12	Total	\$	8,286,075	\$	8,157,315	\$	8,345,251	\$	8,330,056	\$	8,884,314
13	Meters 3" or Greater										
14	Base	\$	600,176	Ś	578,525	Ś	589,848	Ś	579,571	Ś	628,780
15	Extra Capacity		352,178	•	337,436	Ċ	343,682		336,133		366,467
16	Customer		9,345		9,628		9,920		10,221		10,533
17	Total	\$	961,700	\$	925,589	\$	943,450	\$	925,926	\$	1,005,779
18	Outside City Limits		66.204		62.000		CE 254		64444		60.550
19 20	Base Extra Capacity	\$	66,394 40,231	\$	63,999 38,547	\$	65,251 39,261	\$	64,114 38,399	\$	69,558 41,864
21	Customer		47,277		48,706		50,183		51,708		53,283
22	Total	\$	153,902	Ś	151,252	Ś	154,695	Ś	154,221	Ś	164,704
		*		•		•	,	,	,	*	
23	Wholesale Total										
24	Base	\$	1,234,577	\$	1,190,040	\$	1,213,331	\$	1,192,193	\$	1,293,415
25	Extra Capacity		170,046		162,928		165,943		162,298		176,945
26	Customer		3,482	_	3,587	_	3,696	_	3,808	_	3,924
27	Total	\$	1,408,104	\$	1,356,555	>	1,382,970	>	1,358,299	>	1,474,284
28	Hydrants										
29	Base	\$	550	\$	531	\$	541	\$	532	\$	577
30	Extra Capacity		2,296		2,200		2,240		2,191		2,389
31	Customer		1,283		1,321		1,362		1,403		1,446
32	Total	\$	4,129	\$	4,052	\$	4,143	\$	4,126	\$	4,411
33	Billing Units										
34	Connection Count										
35 36	Inside City Limits - Less than 3" 5/8"		13,250		13,250		13,250		13,250		13,250
37	1"		1,454		1,454		1,454		1,454		1,454
38	1.5"		140		140		140		140		140
39	2"		161		161		161		161		161
40	Subtotal		15,005		15,005		15,005		15,005		15,005
41	Inside City - Greater than 3"										
42	3"		35		35		35		35		35
43	4" 6"		10 5		10		10		10		10
44 45	6 8"		1		5 1		5 1		5 1		5 1
46	Subtotal		51		51		51		51		51
47	Outside City Limits								-		
48	5/8"		212		212		212		212		212
49	1"		40		40		40		40		40
50	1.5"		2		2		2		2		2
51	2"		4		4		4		4		4
52	Subtotal		258		258		258		258		258
53	Wholesale										
54	BarDew		1		1		1		1		1
55	Strike Axe		3		3		3		3		3
56	Wash Co #2		5		5		5		5		5
57	Ochelata		2		2		2		2		2

	C	Over/(Under)	Recovery at Prop	pose	ed Rates - Wa	ter					
			Year 1		Year 2		Year 3		Year 4		Year 5
			FY 2022		FY 2023		FY 2024		FY 2025		FY 2026
58	RPWA (Ramona)		2		2		2		2		2
59 60	Osage		1		1		1		1		1
60 61	Dewey Minnesota		3 1		3 1		3 1		3		3 1
62	Wash Co #5		1		1		1		1		1
63	Subtotal		19		19		19		19		19
64	Hydrants		7		7		7		7		7
	Total Connections		15,340		15,340		15,340		15,340		15,340
65	Minimum Bills										
65	Proposed Rate Increase	\$	1.00	\$	-	\$	-	\$	_	\$	1.00
65	Inside City Limits										
66	< 1"	\$	16.19	\$	16.19	\$	16.19	\$	16.19	\$	17.19
67	1" 1.5"		40.48		40.48		40.48		40.48		42.98
68	1.5" 2"		80.95		80.95		80.95		80.95		85.95
69 70	2 3"		129.52 242.85		129.52 242.85		129.52 242.85		129.52 242.85		137.52 257.85
70	3 4"		404.75		404.75		404.75		404.75		429.75
72	6"		809.50		809.50		809.50		809.50		859.50
73	8"		1,295.20		1,295.20		1,295.20		1,295.20		1,375.20
74	Outside City Limits		•		•		•		•		,
75	< 1"	\$	20.24	\$	20.24	\$	20.24	\$	20.24	\$	21.49
76	1"		50.60		50.60		50.60		50.60		53.73
77	1.5"		101.19		101.19		101.19		101.19		107.44
78	2"		161.90		161.90		161.90		161.90		171.90
79	3"		303.56		303.56		303.56		303.56		322.31
80	4"		505.94		505.94		505.94		505.94		537.19
81	6"		1,011.88		1,011.88		1,011.88		1,011.88		1,074.38
82	8"		1,619.00		1,619.00		1,619.00		1,619.00		1,719.00
83 84	Wholesale Dewey	\$	_	\$		\$		\$	_	\$	
85	Washington Co. #5	Ą	501.89	ڔ	501.89	ڔ	501.89	٦	501.89	٧	532.89
86	Minnesota Water Charge		80.95		80.95		80.95		80.95		85.95
87	2"		161.90		161.90		161.90		161.90		171.90
88	3"		303.56		303.56		303.56		303.56		322.31
89	4"		505.94		505.94		505.94		505.94		537.19
90	6"		1,011.88		1,011.88		1,011.88		1,011.88		1,074.38
91	8"		1,619.00		1,619.00		1,619.00		1,619.00		1,719.00
92	Minimum Bill Revenue										
93	Inside City Limits - Less than 3"										
94	5/8"	\$	2,574,210	\$	2,574,210	\$	2,574,210	\$	2,574,210	\$	2,733,210
95	1"		706,301		706,301		706,301		706,301		749,927
96	1.5"		135,996		135,996		135,996		135,996		144,396
97 98	2" Subtotal	\$	250,233	ċ	250,233	ć	250,233	ć	250,233	<u>,</u>	265,689
98	Inside City - Greater than 3"	Ş	3,666,739	Ş	3,666,739	Ş	3,666,739	Ş	3,666,739	Þ	3,893,221
100	3"	\$	101,997	Ś	101,997	\$	101,997	\$	101,997	Ś	108,297
101	4"	*	48,570	~	48,570	Ψ.	48,570	Ψ.	48,570	Ψ.	51,570
102	6"		48,570		48,570		48,570		48,570		51,570
103	8"		15,542		15,542		15,542		15,542		16,502
104	Subtotal	\$	214,679	\$	214,679	\$	214,679	\$	214,679	\$	227,939
105	Outside City Limits										
106	5/8"	\$	51,484	\$	51,484	\$	51,484	\$	51,484	\$	54,664
107	1"		24,288		24,288		24,288		24,288		25,788
108	1.5"		2,429		2,429		2,429		2,429		2,579
109	2"		7,771	<u>,</u>	7,771	<u>,</u>	7,771	<u>,</u>	7,771	<u>,</u>	8,251
110 111	Subtotal Wholesale	\$	85,972	Þ	85,972	>	85,972	>	85,972	Þ	91,282
111	BarDew	\$	1,943	ς.	1,943	ς.	1,943	ς.	1,943	ς.	2,063
113	Strike Axe	Y	9,228	Y	9,228	ب	9,228	7	9,228	Ţ	9,798
			3,223		-,3		-,5		3,220		3,.55

			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
114	Wash Co #2		43,713		43,713		43,713		43,713		46,413
115	Ochelata		9,714		9,714		9,714		9,714		10,314
116	RPWA		15,785		15,785		15,785		15,785		16,760
117	Osage		6,071		6,071		6,071		6,071		6,446
118	Dewey		-		-		-		-		-
119	Minnesota		971		971		971		971		1,031
120 121	Wash Co #5 Subtotal	\$	6,023 93,449	\$	6,023 93,449	\$	6,023 93,449	\$	6,023 93,449	\$	6,395 99,221
121	Subtotal	·					33,443	ب		·	93,221
122	Hydrants	\$	20,399	\$	20,399	\$	20,399	\$	20,399	\$	21,659
123	Total Minimum Bill Revenue	\$	4,081,239	\$	4,081,239	\$	4,081,239	\$	4,081,239	\$	4,333,323
124	Minimum Bill Recovery		38%		39%		38%		38%		38%
125	Revenue Requirement to be Recovered by Volumetr	ic Char	ges								
126	Revenue to be Recovered from Volumetric Charge										
127	Inside City Limits - Less Than 3"	\$	4,619,336	\$	4,490,576	\$	4,678,512	\$	4,663,317	\$	4,991,093
128	Inside City Limits - > 3"		747,020		710,910		728,770		711,246		777,840
129	Outside City Limits		67,930		65,280		68,723		68,248		73,422
130	Total Wholesale		1,314,656		1,263,106		1,289,522		1,264,850		1,375,063
131	Hydrants		(16,271)		(16,348)		(16,257)		(16,274)		(17,248)
132	Total Revenue Requirement		6,732,671		6,513,525		6,749,270		6,691,388		7,200,169
133	Volumetric Rates										
134	Proposed Rate Increase	\$	0.25	\$	-	\$	-	\$	-	\$	0.25
135	Inside City Limits - Less Than 3" (per 1000 gals)										
136	0-2000 gallons	\$	_	\$	-	\$	_	\$	_	\$	-
137	2001-10000 gallons	•	4.52	·	4.52		4.52		4.52	·	4.77
138	10001-25000 gallons		4.98		4.98		4.98		4.98		5.25
139	25001-50000 gallons		5.42		5.42		5.42		5.42		5.72
140	>50000 gallons		5.88		5.88		5.88		5.88		6.20
141	Outside City Limits										
142	0-2000 gallons	\$	-	\$	-	\$	-	\$	-	\$	-
143	2001-10000 gallons		5.65		5.65		5.65		5.65		5.96
144	10001-25000 gallons		6.22		6.22		6.22		6.22		6.56
145	25001-50000 gallons		6.78		6.78		6.78		6.78		7.15
146	>50000 gallons		7.34		7.34		7.34		7.34		7.75
147	Proposed Rate Increase	\$	0.25	\$	-	\$	-	\$	-	\$	0.25
148	Inside City Limits - Greater Than 3" (per 1000 gals)										
149	0-2000 gallons	\$	_	\$	_	\$	_	\$	_	\$	_
150	> 2000 gallons	*	4.52	*	4.52	Ψ.	4.52	Υ	4.52	Υ	4.77
151	Outside City Limits - Greater Than 3" (per 1000 gals)										
152	0-2000 gallons	\$	-	\$	-	\$	-	\$	-	\$	-
153	> 2000 gallons		5.65		5.65		5.65		5.65		5.96
154	Proposed Rate Increase	\$	0.25	\$	-	\$	-	\$	-	\$	0.25
155	Wholesale										
156	Dewey (per 1000 gals)	\$	3.32	\$	3.32	\$	3.32	\$	3.32	\$	3.32
157	Districts										
158	0-2000 gallons	\$	-	\$	-	\$	-	\$	-	\$	-
159	> 2000 gallons		5.60		5.60		5.60		5.60		5.91
160	Minnesota										
161	0-2000 gallons	\$	-	\$	-	\$	-	\$	-	\$	-
162	2001-10000 gallons		4.52		4.52		4.52		4.52		4.77
163	10001-25000 gallons		4.98		4.98		4.98		4.98		5.25
164	25001-50000 gallons		5.42		5.42		5.42		5.42		5.72
165	>50000 gallons		5.88		5.88		5.88		5.88		6.20

			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
166	Other										
167	0-2000 gallons	\$	-	\$	-	\$	-	\$		\$	-
168	> 2000 gallons		5.65		5.65		5.65		5.65		5.9
169	Volumetric Consumption										
170	Water Consumption (1,000 gals)										
171	Inside City Limits < 3"		1,054,842		1,054,842		1,054,842		1,054,842		1,054,84
172	Inside City Limits - Greater 3"		184,493		184,493		184,493		184,493		184,49
173	Outside City Limits		20,409		20,409		20,409		20,409		20,40
174	BarDew		2,776		2,776		2,776		2,776		2,77
175	Strike Axe		22,206		22,206		22,206		22,206		22,20
176	Wash Co #2		74,578		74,578		74,578		74,578		74,5
177	Ochelata		21,050		21,050		21,050		21,050		21,0
178	RPWA		67,934		67,934		67,934		67,934		67,93
179	Osage		22,749		22,749		22,749		22,749		22,7
180	Dewey		163,999		163,999		163,999		163,999		163,9
181	Minnesota		3,618		3,618		3,618		3,618		3,63
182	Wash Co #5		598		598		598		598		5
183	Hydrants		169		169		169		169		1
184	Total Volume Billed		1,639,420		1,639,420		1,639,420		1,639,420		1,639,4
185	Annual Volumetric Revenue										
186	Inside City Limits - Less Than 3" (per 1000 gals)										
187	0-2000 gallons	\$	-	\$	-	\$	-	\$	-	\$	-
188	2001-10000 gallons		3,194,484		3,194,484		3,194,484		3,194,484		3,371,1
189	10001-25000 gallons		367,349		367,349		367,349		367,349		387,6
190	25001-50000 gallons		-		-		-		-		-
191	>50000 gallons		-		-		-		-		-
192	Total	\$	3,561,833	\$	3,561,833	\$	3,561,833	\$	3,561,833	\$	3,758,8
193	Inside City Limits - Greater Than 3" (per 1000 gals)										
194	0-2000 gallons	\$	-	\$	-	\$	-	\$	- :	\$	-
195	> 2000 gallons		617,092		617,092		617,092		617,092		651,2
196	Total	\$	617,092	\$	617,092	\$	617,092	\$	617,092	\$	651,22
197	Outside City Limits										
198	0-2000 gallons		-		-		-		-		-
199	2001-10000 gallons		87,637		87,637		87,637		87,637		92,4
200	10001-25000 gallons		-		-		-		-		-
201	25001-50000 gallons		-		-		-		-		-
202	>50000 gallons		-		-		-		-		-
203	Total	\$	87,637	\$	87,637	\$	87,637	\$	87,637	\$	92,4
204	Wholesale										
205	Dewey (per 1000 gals)		544,476		544,476		544,476		544,476		544,4
206	Districts										
207	0-2000 gallons		-								-
208	> 2000 gallons		3,017		3,017		3,017		3,017		3,1
209	Minnesota										
210	0-2000 gallons		-		-		-				-
211	2001-10000 gallons		2,780		2,780		2,780		2,780		2,9
212	10001-25000 gallons		5,580		5,580		5,580		5,580		5,8
213	25001-50000 gallons		10,197		10,197		10,197		10,197		10,7
214	>50000 gallons		2,551		2,551		2,551		2,551		2,6
215	Other										
216	0-2000 gallons		-		-		-		-		-
217 218	> 2000 gallons Total	\$	1,074,417 1,643,018	\$	1,074,417 1,643,018	\$	1,074,417 1,643,018	\$	1,074,417 1,643,018	\$	1,133,8 1,703,7
		7	,: ::,: 10	•	,: -,0	•	,: .2,220		, : . : , : = 3		-,3,.
219	Hydrant 0.3000 gallons	_		,		,		,		Ļ	
220	0-2000 gallons	\$	-	\$	-	\$	-	\$		\$	-
221	> 2000 gallons	_	765		765	_	765		765	<u>, </u>	8
222	Total	\$	765	\$	765	\$	765	\$	765	\$	8
223	Total Volumetric Revenue	\$	5,910,345	\$	5,910,345	\$	5,910,345	\$	5,910,345	\$	6,207,1

224			EV 2022		T1/ 0000				Year 4		Year 5
224			FY 2022		FY 2023		FY 2024		FY 2025		FY 2026
224	Water 6 - 2 Harrison										
	Water Capital Investment Fee										
225	Proposed Rate Increase	\$	0.10	\$	-	\$	-	\$	-	\$	0.10
226	Inside City Limits	\$	0.95	\$	0.95	\$	0.95	\$	0.95	\$	1.05
227	Outside City Limits	\$	1.19	\$	1.19	\$	1.19	\$	1.19	\$	1.31
228	Dewey	\$	-	\$	-	\$	-	\$	-	\$	-
229	Districts	\$	1.18	\$	1.18	\$	1.18	\$	1.18	\$	1.30
230	Minnesota	\$	0.95	\$	0.95	\$	0.95	\$	0.95	\$	1.05
231	Wholesale (Other)	\$	1.19	\$	1.19	\$	1.19	\$	1.19	\$	1.31
232	Water Capital Investment Revenue										
233	Inside City Limits - Less than 3"	\$	659,986	\$	659,986	\$	659,986	\$	659,986	\$	729,458
234	Inside City Limits - Greater than 3"		166,505		166,505		166,505		166,505		184,032
235	Outside City Limits		18,419		18,419		18,419		18,419		20,358
236	BarDew		3,268		3,268		3,268		3,268		3,612
237	Strike Axe		26,284		26,284		26,284		26,284		29,050
238	Wash Co #2		88,418		88,418		88,418		88,418		97,725
239	Ochelata		24,940		24,940		24,940		24,940		27,565
240	RPWA		80,615		80,615		80,615		80,615		89,100
241	Osage		26,986		26,986		26,986		26,986		29,826
242	Dewey		-		-		-		-		-
243	Minnesota		3,300		3,300		3,300		3,300		3,647
244	Wash Co #5		676		676		676		676		747
245	Hydrants		161		161		161		161		178
246	Total	\$	1,099,557	\$	1,099,557	\$	1,099,557	\$	1,099,557	\$	1,215,299
247	Over(Under) Recovery										
248	Inside City Limits Revenue (< 3") Requirement	\$	8,286,075	\$	8,157,315	\$	8,345,251	\$	8,330,056	\$	8,884,314
249	Inside City Limits Revenue		7,888,559		7,888,559		7,888,559		7,888,559		8,381,504
250	Over(Under) Recovery	\$	(397,516)	\$	(268,757)	\$	(456,692)	\$	(441,498)	\$	(502,809)
251	Inside City Limits Revenue (> 3") Requirement	\$	961,700	\$	925,589	\$	943,450	\$	925,926	\$	1,005,779
252	Inside City Limits Revenue		998,276		998,276		998,276		998,276		1,063,194
253	Over(Under) Recovery	\$	36,576	\$	72,686	\$	54,826	\$	72,350	\$	57,415
254	Outside City Limits Revenue Requirement	\$	153,902	\$	151,252	\$	154,695	\$	154,221	\$	164,704
255	Outside City Limits Revenue		192,029		192,029		192,029		192,029		204,125
256	Over(Under) Recovery	\$	38,127	\$	40,776	\$	37,334	\$	37,808	\$	39,421
257	Wholesale Revenue Requirement	\$	1,408,104	\$	1,356,555	\$	1,382,970	\$	1,358,299	\$	1,474,284
258	Wholesale Revenue	•	1,990,952		1,990,952		1,990,952		1,990,952		2,084,272
259	Over(Under) Recovery	\$	582,847	\$	634,397	\$	607,982	\$	632,653	\$	609,988
260	Hydrants Revenue Requirement	\$	4,129	\$	4,052	\$	4,143	\$	4,126	\$	4,411
261	Hydrant Revenue	+	21,325	-	21,325	-	21,325	•	21,325	•	22,644
262	Over(Under) Recovery		17,196		17,273		17,182		17,199		18,233
263	Total Revenue Requirement	\$	10,813,910	\$	10,594,764	\$	10,830,509	\$	10,772,627	\$	11,533,492
264	Minimum Bill Revenue	\$	4,081,239	\$	4,081,239	\$	4,081,239	\$	4,081,239	\$	4,333,323
	Volumetric Revenue	•	5,910,345		5,910,345		5,910,345		5,910,345		6,207,117
265	W Capital Investment Fee		1,099,557		1,099,557		1,099,557		1,099,557		1,215,299
265 266	W Capital investment ree										. ,
	Total Revenue	\$	11,091,140	\$	11,091,140	\$	11,091,140	\$	11,091,140	\$	11,755,740
266	•	\$ \$	11,091,140 277,230	·	11,091,140 496,377		11,091,140 260,631		11,091,140 318,513		11,755,740 222,248

			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
1	Wastewater Revenue Requirement	\$	7,477,082	\$	8,364,531	\$	9,660,331	\$	9,923,312	\$	10,534,970
2	Billing Units										
3	Connection Count										
4	Inside City Limits		12,783		12,783		12,783		12,783		12,783
5	Outside City Limits		261		261		261		261		261
6	Subtotal		13,044		13,044		13,044		13,044		13,044
7	Wastewater Annual Billable Flow										
8	Inside City Limits		909,460		909,460		909,460		909,460		909,460
9	Outside City Limits		1,330		1,330		1,330		1,330		1,330
10	Subtotal		910,790		910,790		910,790		910,790		910,790
11	Minimum Bills										
12	Proposed Rate Increase		2.00		2.00		2.00	_	2.00		2.00
13 14	Inside City Limits Outside City Limits	\$	2.00 2.50		2.00 2.50		2.00 2.50		2.00 2.50		2.00 2.50
14	Outside City Limits	Ş	2.50	Ş	2.50	Ş	2.30	Ş	2.50	Ş	2.50
15	Monthly Bill Charge										
16	Inside City Limits	\$		\$	13.93		15.93		17.93		19.93
17	Outside City Limits	\$	14.91	\$	17.41	\$	19.91	\$	22.41	\$	24.91
18	Minimum Bill Revenue										
19	Sewer										
20	Inside City Limits	\$	1,830,031	\$	2,136,826	\$	2,443,621	\$	2,750,416	\$	3,057,211
21 22	Outside City Limits Total Minimum Bill Revenue	\$	46,684 1,876,716	\$	54,511 2,191,337	\$	62,337 2,505,958	\$	70,164 2,820,580	\$	77,990 3,135,201
					, ,	•		•			
23	Minimum Bill Recovery		25%		26%		26%		28%		30%
24 25	Revenue Requirement to be Recovered from Volur Volumetric Revenue Requirement	netric									
26 27	Proposed Rate Increase Inside City Limits	\$	0.20	\$	0.20	ċ	0.20	ċ	0.20	\$	0.20
28	Outside City Limits	\$	0.25		0.25		0.25		0.25		0.25
29	Rate per 1,000 gal - Sewer										
30	Inside City Limits	\$	3.49	\$	3.69	\$	3.89	\$	4.09	\$	4.29
31	Outside City Limits	\$	4.36	\$	4.61	\$	4.86	\$	5.11	\$	5.36
32	Volumetric Revenue - Sewer										
33	Inside City Limits	\$	3,174,015	\$	3,355,907	\$	3,537,799	\$	3,719,691	\$	3,901,583
34	Outside City Limits		5,803		6,136		6,469		6,801		7,134
35	Total Sewer Volumetric Revenue	\$	3,179,819	\$	3,362,043	\$	3,544,268	\$	3,726,492	\$	3,908,717
36	Wastewater Capital Investment Fee (per kgal)										
37	Proposed Rate Increase							_			
38 39	Inside City Limits Outside City Limits	\$ \$	-								
40 41	Inside City Limits Outside City Limits	\$ \$	2.53 3.16	\$ \$	2.53 3.16		2.53 3.16		2.53 3.16		2.53 3.16
42 43	WCIF Revenue Inside City Limits	\$	2,300,934	ė	2,300,934	ć	2 200 024	ċ	2,300,934	ċ	2,300,934
43 44	Outside City Limits	Ş	4,207	Ş	4,207	Ş	2,300,934 4,207	Ş	4,207	Ş	4,207
45	Total	\$	2,305,141	\$	2,305,141	\$	2,305,141	\$	2,305,141	\$	2,305,141
46	Revenue Requirement	\$	7,477,082	\$	8,364,531	\$	9,660,331	\$	9,923,312	\$	10,534,970
47	Minimum Bill Revenue	\$	1,876,716	ς.	2,191,337	\$	2,505,958	ς.	2,820,580	ς .	3,135,201
48	Volumetric Revenue	Y	3,179,819	Y	3,362,043	Y	3,544,268	Y	3,726,492	7	3,908,717
49	Capital Investment Fee	_	2,305,141		2,305,141		2,305,141		2,305,141		2,305,141
50	Total Revenue	\$	7,361,676	\$	7,858,521	\$	8,355,367	\$	8,852,213	\$	9,349,059
51	Total Over(Under) Recovery	\$	(115,406)	s	(506,010)	Ś	(1,304,964)	Ś	(1,071,099)	Ś	(1,185,911)
52	Cumulative Over(Under) Recovery	\$	(115,406)		(621,416)		(1,926,379)		(2,997,478)		(4,183,389)

Bartlesville, Oklahoma Water and Wastewater Cost of Service and Rate Design Study Proposed Reserves

			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
			F1 2022		FT 2023		F1 2024		FT 2023		F1 2020
1	Water Operating Reserve										
2	Beginning Balance	\$	_	\$	943,688	\$	1,718,460	\$	2,325,233	\$	2,743,457
3	Additions:	Ψ.		Ψ.	3 .0,000	Ψ.	1,7 10, 100	~	2,020,200	Υ.	2,7 .0, .07
4	Interest Earnings	\$	-	\$	9,437	\$	17,185	\$	23,252	\$	27,435
5	Minimum Bill Revenues	•	4,081,239		4,081,239	•	4,081,239		4,081,239		4,333,323
ŝ	Volumetric Revenues		5,910,345		5,910,345		5,910,345		5,910,345		6,207,117
7	Misc Revenues		259,932		259,932		259,932		259,932		259,932
3	Total Additions	\$	10,251,516	\$	10,260,953	\$	10,268,700	\$	10,274,768	\$	10,827,807
9	Reductions:			·	, ,	·		·	, ,	·	, ,
0	Operating Expenses	\$	9,307,828	\$	9,486,181	\$	9,661,926	\$	9,856,544	\$	9,834,910
1	Operating Reserve Ending Balance	\$	943,688	\$	1,718,460	\$	2,325,233		2,743,457	_	3,736,354
2	Water Capital Reserve										
3	Beginning Balance Additions:	\$	1,000,000	\$	343,542	\$	78,019	\$	(250,158)	\$	(326,616
.5	Interest Earnings	\$	10,000	\$	3,435	\$	780	\$	_	\$	_
5 6	Water CIF Revenue	\$	1,099,557	۶ \$	1,099,557	\$	1,099,557	۶ \$	1,099,557	۶ \$	1,215,299
7	Total Additions	\$	1,109,557	\$	1,102,992	\$	1,100,337	\$	1,099,557	\$	1,215,299
, 8	Reductions:	Ų	1,103,337	۲	1,102,332	ڔ	1,100,337	ڔ	1,055,557	ب	1,213,233
9	Capital Projects	\$	1,222,500	\$	825,000	\$	885,000	\$	632,500	\$	1,415,000
0	Debt from Capital	\$	543,515	\$	543,515	\$	543,515	\$	543,515	\$	543,515
1	Total Reductions	\$	1,766,015	\$	1,368,515	\$	1,428,515	\$	1,176,015	\$	1,958,515
2	Capital Reserve Ending Balance	۶ \$		۶ \$	78,019	۶ \$	(250,158)		(326,616)		(1,069,832
_	-			-							
3	Total Water Ending Balance	\$	1,287,230	Ş	1,796,479	\$	2,075,075	\$	2,416,841	Ş	2,666,523
4	Wastewater Operating Reserve										
5	Beginning Balance	\$	_	\$	309,453	\$	1,005,799	\$	2,090,154	\$	3,591,166
6	Additions:	•			,	•	, ,		,,		-, ,
7	Interest Earnings	\$	-	\$	3,095	\$	10,058	Ś	20,902	Ś	35,912
8	Minimum Bill Revenues	~	1,876,716	7	2,191,337	7	2,505,958	7	2,820,580	7	3,135,201
9	Volumetric Revenues		3,179,819		3,362,043		3,544,268		3,726,492		3,908,717
0	Misc Revenues		174,607		174,607		174,607		174,607		174,607
ĺ	Total Additions	\$	5,231,142	Ś	5,731,082	\$	6,234,891	\$		\$	7,254,437
2	Reductions:	Y	5,251,172	7	5,. 51,002	7	3,234,031	7	5,. 12,551	7	.,_51,151
3	Operating Expenses	\$	4,921,689	Ś	5,034,737	Ś	5,150,536	Ś	5,241,569	\$	5,363,227
1	Operating Reserve Ending Balance	\$	309,453		1,005,799		2,090,154		3,591,166		5,482,376
5	Wastewater Capital Reserve										
_	Paringing Pal		F 000 005	<u>,</u>	F 400 111	,	4 200 211	,	4 054 000	ċ	/570 055
5 7	Beginning Balance Additions:	\$	5,800,000	Ş	5,433,141	\$	4,288,211	\$	1,951,833	\$	(579,858)
8	Interest Earnings	\$	58,000	\$	54,331	\$	42,882	\$	19,518	\$	-
9	Wastewater CIF Revenue		2,305,141		2,305,141		2,305,141		2,305,141		2,305,141
0	Total Additions	\$	2,363,141	\$	2,359,472	\$	2,348,023	\$	2,324,659	\$	2,305,141
1	Reductions:										
2	Capital Projects	\$	2,730,000	\$	850,000	\$	2,030,000	\$	565,000	\$	1,055,000
3	Debt from Capital		-		2,654,402		2,654,402		4,291,350		4,291,350
4	Total Reductions	\$	2,730,000	\$	3,504,402	\$	4,684,402	\$	4,856,350	\$	5,346,350
5	Capital Reserve Ending Balance	\$	5,433,141		4,288,211		1,951,833		(579,858)		(3,621,068
		\$	5,742,594		5,294,010		4,041,987		3,011,307		1,861,308







TAB B. MUNICIPAL SOLID WASTE

MARCH 2022

WATER, WASTEWATER, AND
MUNICIPAL SOLID WASTE
COST OF SERVICE AND RATE DESIGN STUDY



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Section 1 INTRODUCTION

In February of 2021, the City of Bartlesville (City) retained NewGen Strategies and Solutions, LLC (NewGen), to conduct a Municipal Solid Waste Cost of Service and Rate Design Study (Study or Report) for the Solid Waste Utility (Utility). The purpose of this Report is to determine the cost of providing solid waste services, equitably distribute the costs to the appropriate customer classes, and design rates to safeguard the financial integrity of the utility.

This section of the Report describes the solid waste services provided by the City of Bartlesville. For each of these services (also called service categories), NewGen identified a cost of providing each of these services.

Background

The City of Bartlesville's Solid Waste Utility (Utility) currently provides solid waste collection services to approximately 13,330 households, as well as services commercial refuse customers via roll-off, rear-load, and cart collection.

The Solid Waste Services Division (Division) is a self-supporting enterprise fund and revenues are derived primarily from solid waste user fees. This revenue must adequately fund operations, debt service (when applicable), and capital improvements, and must furthermore meet reserve fund requirements.

Current Solid Waste Services and Rates

Solid waste services provided by the City include the following:

Residential Cart Service

Residential services provided by the City include weekly residential refuse cart collection serviced via automated collection vehicles. The City provides one 96-gallon cart to every residential property with cart service in the City at a current rate of \$15.50 per month. Residential customers can also opt for a different capacity or additional carts as listed in Table 1-1. As part of this monthly user fee, all residents receive:

- Once per week refuse (garbage) collection
- Two yard waste collections per year
- Annual coupon for one free trip to the landfill
- Access to the City's drop-off recycling center



Table 1-1
Residential Cart Service

Cart Capacity	Rates
96 gallons	\$15.50
64 gallons	\$13.50
32 gallons	\$11.50
Additional Cart Fee	\$5.00

Commercial Cart Service

The City offers a separate cart collection service for commercial customers. Commercial customers can opt for up to three 96-gallon carts collected 1-3 times per week. The current rates are listed in Table 1-2.

Table 1-2 Commercial Cart Service

Collection Frequency								
Number of Carts								
1	\$15.50	\$31.00	\$46.50					
2	\$20.50	\$41.00	\$61.50					
3	\$25.50	\$51.00	\$76.50					

The current commercial cart service rates are based on the number of carts and the frequency of collection. For example, a customer with one cart that is collected once per week is charged \$15.50 per month, while a customer with three carts that is collected twice per week is charged \$51.00 per month.

Commercial Rear-Load Refuse

The City also offers rear-load refuse collection service for commercial customers. Customers can choose either a two or three cubic yard container, to be serviced up to six times per week. The current rates for service are shown in the rate matrix in Table 1-3.

Table 1-3 Commercial Rear-Load Refuse

Collection Frequency						
Container Size (CY)	1	2	3	4	5	6
2	\$62.00	\$97.00	\$146.00	\$194.00	\$243.00	\$291.00
3	\$82.00	\$105.00	\$158.00	\$211.00	\$263.00	\$316.00

The current monthly rear-load rates are based on the size of the container and frequency of collection. For example, a customer with a two cubic yard container that is collected once per week is charged \$62.00 per month, while a customer that has a three cubic yard container collected three times per week is charged \$158.00 per month.

Commercial Roll-Off Refuse

Additionally, the City provides compactors and roll-off collection for commercial customers. The fee schedule is identified in Table 1-4.

Table 1-4 Roll-Off Rates

Service	Rates		
Standard Roll-Off	\$148.00		
Compactor	\$215.00		
Daily Rental Fee	\$10.00		

Project Approach

The goal of a cost of service and rate design study is to determine the solid waste fees required to adequately recover the costs of providing services. NewGen developed a series of key tasks that provided the foundation for the conduct of the Study. The methodology is discussed in Section 2 of this report. NewGen utilized the following sources of information regarding the City's current system and financial requirements.

Data Request

NewGen submitted a detailed data request to the City to collect historical and background information on operations and practices. The information requested included:

- Detailed Financial Reports and Budgets
- Solid Waste Policies and Ordinances
- Customer and Container Counts
- Personnel Rosters
- Solid Waste Tonnage Reports
- Fleet Inventory Operating Costs

Project Meetings

NewGen held a kickoff meeting with City staff to initiate the Study. This meeting served as a forum to confirm the scope of services, discuss the data already collected, and finalize the solid waste and recycling service categories to be analyzed in the cost of service analysis.

NewGen also held numerous meetings with the City staff throughout the course of the project to discuss, plan, and finalize the cost of service analysis.



Section 2 COST OF SERVICE ANALYSIS

This section describes the tasks involved in conducting the solid waste cost of service analysis for the City. Before describing each of the tasks in detail, NewGen has provided below a brief overview of the overall cost of service analysis methodology. This section of the Report also quantifies the cost of service based rates for solid waste services.

Methodology Overview

This overview provides the background necessary to understand how data compiled in each task provides the information required to determine the cost of service and fees required to recover the cost of service.

- **Development of the "Test Year"** The first task in conducting the cost of service analysis is the development of an annual revenue requirement for a Test Year. The revenue requirement represents the total revenue that the solid waste operation will need to recover during a year in order to fund all expenses incurred in providing solid waste services. NewGen worked with City staff to select a period (Fiscal Year (FY) 2021) that reflected the typical operation of the solid waste system.
- **Development of the Revenue Requirement Forecast** After developing the revenue requirement for the Test Year, NewGen worked with City staff to project changes in costs due to inflation, salary increases, new equipment, new customers, etc. This resulted in the five-year revenue requirement forecast. NewGen's cost of service and rate design forecast was focused on a five-year period (FY 2022 FY 2026).
- Allocation of Costs to Service Categories NewGen worked with City staff to assign and allocate costs to the appropriate service categories. The service categories represent the primary solid waste services provided by the City and are listed in this section of the report, titled Allocation of Costs to Service Categories.
- Allocation to Customer Classes NewGen grouped the service categories based on the customer classes that will recover each service categories' costs. The customer classes include residential customers, commercial dumpster and carts, and roll-off customers.
- **Determination of Billing Units** NewGen identified the appropriate billing units for each customer class. For example, the residential customer is charged per household, so the number of residential households was utilized as the billing units for this customer class.
- **Calculation of the Cost of Service** NewGen distributed the costs for each customer class across the appropriate number of billing units to determine the cost of service for each customer class.

Development of the Revenue Requirement

Selection of the Test Year

In developing the Test Year revenue requirement for the City, NewGen used the FY 2021 adopted budget as the basis for the Test Year. NewGen compared the FY 2021 adopted budget to historical expenses for FY 2018, FY 2019, and FY 2020. Through this comparison and with input from City staff, NewGen made



adjustments to ensure that the Test Year would reflect expenses that occur on a regular basis. All adjustments to the FY 2021 adopted budget made in developing the Test Year are detailed in Appendix, Schedule 1.

Development of the Revenue Requirement Forecast

In addition to developing the Test Year revenue requirement, NewGen forecast the annual revenue requirement for FY 2022 through FY 2026. In order to develop this forecast, NewGen projected how costs would change over the years due to a variety of different inflation factors. The assumptions used to develop the five-year forecast include the annual inflation factors shown in Table 2-1. These factors were developed based on NewGen's experience in the conduct of financial forecasts, along with input from City staff.

Table 2-1
Inflation Factors

Inflation Factor	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
General	2.10%	2.10%	2.10%	2.10%	2.10%
Salaries	5.00%	3.50%	3.50%	3.50%	3.50%
Benefits	5.00%	3.50%	3.50%	3.50%	3.50%
Fuel	3.00%	5.00%	5.00%	5.00%	5.00%
Vehicle Maintenance	3.00%	3.00%	3.00%	3.00%	3.00%
General Maintenance	3.00%	3.00%	3.00%	3.00%	3.00%
Capital Projects	5.00%	5.00%	5.00%	5.00%	5.00%
General Fund Transfer	4.00%	4.00%	4.00%	4.00%	4.00%
None	0.00%	0.00%	0.00%	0.00%	0.00%

Vehicle & Polycart Replacement

The revenue requirement incorporates funding for vehicle replacements scheduled to occur during the FY 2022 – FY 2026 forecast. Currently, the vehicles are funded via Pay-As-You-Go (PAYG) funding (i.e. paid with cash generated via user fees). The City should closely monitor the age of their fleet and assess whether the current PAYG amounts for vehicle replacement are sufficient. To the extent that funding should be increased to maintain the appropriate number of front-line and back-up vehicles, the proposed rates may need to be increased beyond NewGen's recommendations in Section 3.

Additional costs have also been included in the five-year revenue requirement to account for the purchase of polycarts in FY 2025 via PAYG funding.

Table 2-2 summarizes the annual PAYG funding forecasted for FY 2022 – FY 2026. A detailed replacement schedule for the five-year forecast is provided in Appendix, Schedule 2.

Table 2-2 PAYG Funding

	Year 1	Year 2	Year 3	Year 4	Year 5
	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
PAYG Funding	\$585,000	\$467,250	\$1,940,250	\$1,910,957	\$ -

Revenue Requirement

Table 2-3 shows the revenue requirement for the five-year forecast. The detailed composition of the forecast is provided in Appendix, Schedule 3.

Table 2-3
Solid Waste Revenue Requirement

	Year 1	Year 2	Year 3	Year 4	Year 5
	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Total Revenue Requirement	\$5,649,301	\$5,809,273	\$5,974,956	\$6,146,561	\$6,324,306

The City provides a wide variety of solid waste services to its customers. To determine the costs for each service, there is a need to allocate costs to service categories that represent the primary solid waste services provided. These categories were determined through a detailed series of discussions with City staff and are shown below.

- Residential Collection
 - Refuse Collection
 - Bulky Collection (Voucher Program)
- Commercial Collection
 - Dumpster
 - Roll-Off
- Street Sweeping
- Drop-Off Recycling
- Leaf Collection
- Household Hazardous Waste (HHW)
- Container Maintenance
- Disposal
- Roadside Cleanup
- Administration

Identification of the total costs for each service category was a critical step in determining adequate rates that reflect the cost of providing the various services. These costs were isolated by service category in order to fully recover the total revenue requirement by matching those customers that utilize the service with the actual cost for that service. Table 2-4 identifies the cost of providing each service for FY 2022 through FY 2026.

Table 2-4
Revenue Requirement by Service Category

Service Category	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Residential Collection ¹	\$845,429	\$862,796	\$880,789	\$899,432	\$918,750
Commercial Collection ²	\$1,370,303	\$1,407,625	\$1,446,265	\$1,486,272	\$1,527,693
Street Sweeping	\$254,166	\$259,408	\$264,843	\$270,477	\$276,318
Drop-Off Recycling	\$85,262	\$86,416	\$87,617	\$88,868	\$90,171
Leaf Collection	\$ -	\$ -	\$ -	\$ -	\$ -
Household Hazardous Waste (HHW)	\$ -	\$ -	\$ -	\$ -	\$ -
Container Maintenance	\$90,755	\$93,731	\$96,813	\$100,005	\$103,311
Disposal	\$860,692	\$878,810	\$897,308	\$916,194	\$935,478
Roadside Cleanup	\$64,672	\$66,652	\$68,706	\$70,836	\$73,046
Administration	\$2,078,022	\$2,153,837	\$2,232,616	\$2,314,477	\$2,399,540
Total Revenue Requirement ³	\$5,649,301	\$5,809,273	\$5,974,956	\$6,146,561	\$6,324,306

- 1. Includes refuse and bulky collection.
- 2. Includes commercial dumpster, cart, and roll-off collection.
- 3. Any minor arithmetic deviation is due to rounding.

Allocation to Customer Classes

After calculating the costs for each service category over the five-year period, NewGen allocated the costs for the various service categories to each respective customer class. This process identifies the appropriate customers to be charged for each service provided. Table 2-5 identifies how the service categories were grouped and the cost recovery basis for each service category.

Table 2-5
Recovery Basis for Service Categories

Service Category	ory Recovery Basis					
Residential Collection						
Refuse Collection	Residential Collection					
Bulky Collection	Residential Collection					
Commercial Collection						
Dumpster	Commercial Dumpsters and Carts					
Roll-Off	Commercial Roll-Off (Pull Rate)					
Street Sweeping	Distributed to all customer classes based on revenue requirement ¹					
Drop-Off Recycling	Residential Collection					
Leaf Collection	Distributed to all customer classes based on revenue requirement ¹					
Household Hazardous Waste (HHW)	Distributed to all customer classes based on revenue requirement ¹					
Container Maintenance	Distributed to all customer classes based on revenue requirement ¹					
Disposal	Distributed to all customer classes based on tons disposed by each class.					

Table 2-5
Recovery Basis for Service Categories

Service Category	Recovery Basis
Roadside Cleanup	Distributed to all customer classes based on revenue requirement ¹
Administration	Distributed to all customer classes based on revenue requirement ¹

^{1.} Costs are distributed proportionally based on the customer classes respective portion of the revenue requirement.

Determination of Billing Units

In order to calculate the appropriate rates, NewGen determined the number of annual billing units for the various customer classes. NewGen received billing data for each customer class from City staff and determined the cost of service by dividing the revenue requirement for each service category by the appropriate number of billing units. In general, billing unit forecasts were provided by City staff.

Residential Collection

In most cases, the number of households represents the most appropriate billing unit for the purposes of recovering the cost of service. The projected residential households for the five-year forecast are shown in Table 2-6.

Table 2-6
Residential Households

	Year 1	Year 2	Year 3	Year 4	Year 5
	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
Residential Households	13,327	13,327	13,327	13,327	13,327

The customer growth projections shown in Table 2-7 assume 0.00% annual customer growth. These growth projections were developed by City staff based on historical customer growth patterns and are conservative.

Commercial Dumpster and Cart Collection

The City provides commercial customers with refuse collection via 96-gallon carts or dumpsters up to 3 cubic yards in size. The City bills these customers a monthly fee based upon the size of the container collected, the frequency of collection, and the number of containers. Therefore, the billing units for commercial rear-load collection consist of three components:

- Number of Containers: Used to recover administration and container maintenance/delivery costs
- Annual Collections: Used to recover the cost of collection operations
- Annual Disposal Capacity: Measured in cubic yards and used to recover disposal costs based on cubic yards (CY) of container capacity

Table 2-7 shows the projected billing units for the commercial rear-load customers. The projections were developed utilizing a 1.00% annual growth rate. The growth projections were developed by City staff based on historical customer growth patterns.

Table 2-7
Commercial Dumpsters and Carts Billing Units Forecast

Billing Units	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Commercial Dumpsters	798	806	814	822	831
Annual Dumpster Collections	105,990	107,050	108,120	109,201	110,293
Dumpster Disposal Capacity (CY)	282,755	285,582	288,438	291,322	294,236
Commercial Carts	504	509	514	519	524
Annual Cart Collections	69,003	69,693	70,389	71,093	71,804
Cart Disposal Capacity (CY)	35,385	35,739	36,097	36,458	36,822

Commercial Roll-off

The City also provides commercial customers with refuse and recycling collection via roll-off containers. The City charges these customers per collection (Pull).

Table 2-8 shows the projected billing units for commercial roll-off customers. To be conservative, the projections were developed utilizing a 0.00% annual growth rate.

Table 2-8
Commercial Roll-off Collection Billing Units Forecast

			_		
Billing Units	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Standard Roll-Off Pulls	1,800	1,800	1,800	1,800	1,800
Compactor Pulls	170	170	170	170	170
Recycling Pulls	700	700	700	700	700
Total Pulls	2,670	2,670	2,670	2,670	2,670

Disposal

Disposal units are based on the annual tons entering the landfill. the projected annual tons being disposed, by customer class, are shown in Table 2-9. The projections were developed based on the annual growth rate assigned to each collection service.

Table 2-9
Tonnage Forecast

	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Disposal Tonnage					
Residential	13,351	13,351	13,351	13,351	13,351
Commercial Dumpster	3,823	3,861	3,900	3,939	3,978
Commercial Roll-Off	8,575	8,661	8,747	8,835	8,923
Coupon Program	957	957	957	957	957
Total Disposal Tonnage ¹	26,705	26,829	26,954	27,081	27,209

Any minor arithmetic deviation is due to rounding.

Calculation of the Cost of Service

NewGen determined the cost of service for each of the solid waste services provided by the City. It is important to note that the cost of service based rates are not necessarily the rates NewGen recommends be adopted by the City. In Section 3 of this report, NewGen provides its rate guidelines and recommendations based on the following factors: NewGen's cost of service analysis, the City's policies, and NewGen's solid waste rate experience.

Residential Collection Service

The total residential cart service revenue requirement for the five-year forecast is shown in Table 2-10. A detailed examination of the residential revenue requirement in each year of the forecast is provided in Appendix, Schedule 7.

The total residential revenue requirement includes:

- All direct costs identified in Table 2-4.
- A proportional share of the administration, street sweeping, and container maintenance costs (based on the percentage of the total revenue requirement the direct costs represent).
- A proportional share of disposal costs (based on the percentage of total tonnage residential collection service represents).

Table 2-10 shows the projected revenue requirement for residential customers.

Table 2-10 Residential Revenue Requirement

Service Category	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Residential Collection					
Refuse Collection	\$845,429	\$862,796	\$880,789	\$899,432	\$918,750
Bulky Collection (Voucher Program)	\$ -	\$ -	\$ -	\$ -	\$ -
Indirect Costs					
Street Sweeping	\$93,385	\$94,965	\$96,606	\$98,310	\$100,081
Leaf Collection	\$ -	\$ -	\$ -	\$ -	\$ -
Household Hazardous Waste (HHW)	\$ -	\$ -	\$ -	\$ -	\$ -
Container Maintenance	\$33,345	\$34,313	\$35,314	\$36,349	\$37,419
Roadside Cleanup	\$23,762	\$24,400	\$25,061	\$5,747	\$26,457
Administration	\$763,505	\$788,481	\$814,382	\$841,243	\$869,103
Disposal Costs	\$461,114	\$468,645	\$476,287	\$484,040	\$491,908
Total Revenue Requirement ¹	\$2,220,541	\$2,273,600	\$2,328,438	\$2,385,121	\$2,443,717

^{1.} Any minor arithmetic deviation is due to rounding.

The monthly cost of service for residential customers is shown in Table 2-11.

Table 2-11
Residential Monthly Cost of Service

Service Category	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
96 gallon cart					
1 cart	\$13.39	\$13.71	\$14.05	\$14.39	\$14.75
2 carts	\$15.78	\$16.14	\$16.51	\$16.90	\$17.30
3 carts	\$18.16	\$18.56	\$18.98	\$19.40	\$19.84
4 carts	\$20.55	\$20.99	\$21.44	\$21.91	\$22.39
5 carts	\$22.94	\$23.41	\$23.91	\$24.41	\$24.94
64 gallon cart					
1 cart	\$12.59	\$12.90	\$13.22	\$13.56	\$13.90
2 carts	\$14.18	\$14.52	\$14.87	\$15.23	\$15.60
3 carts	\$15.78	\$16.14	\$16.51	\$16.90	\$17.30
32 gallon cart					
1 cart	\$11.80	\$12.09	\$12.40	\$12.72	\$13.05
2 cart	\$12.59	\$12.90	\$13.22	\$13.56	\$13.90
Side Yard Handicap Can	\$13.39	\$13.71	\$14.05	\$14.39	\$14.75

^{1.} Any minor arithmetic deviation is due to rounding.

Drop-Off Recycling

The total drop-off recycling revenue requirement and cost of service for the five-year forecast is show in Table 2-12. The detail is provided in Appendix, Schedule 10.

The total drop-off recycling revenue requirement includes:

- All direct costs identified in Table 2-4.
- A proportional share of the administration, street sweeping, and container maintenance costs (based on the percentage of the total revenue requirement the represented by drop-off recycling).
- A proportional share of roll-off costs (based on the estimated number of recycling pulls per year).

Table 2-12
Drop-Off Recycling Cost of Service

Service Category	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Direct Cost					
Drop-Off Recycling	\$85,262	\$86,416	\$87,617	\$88,868	\$90,171
Indirect Costs					
Street Sweeping	\$9,418	\$9,511	\$9,610	\$9,713	\$9,822
Leaf Collection	\$ -	\$ -	\$ -	\$ -	\$ -
Household Hazardous Waste (HHW)	\$ -	\$ -	\$ -	\$ -	\$ -
Container Maintenance	3,363	3,437	3,513	3,591	3,672
Roadside Cleanup	2,396	2,444	2,493	2,544	2,597
Administration	77,000	78,972	81,011	83,118	85,298
Roll-Off Costs	\$205,182	\$211,497	\$218,043	\$224,826	\$231,855
Total Revenue Requirement	\$382,621	\$392,277	\$402,286	\$412,660	\$423,415
Annual Tons	502	502	502	502	502
Cost per Ton per Month	\$63.55	\$65.15	\$66.82	\$68.54	\$70.33
Number of Households	13,327	13,327	13,327	13,327	13,327
Cost per Household per Month	\$2.39	\$2.45	\$2.52	\$2.58	\$2.65

^{1.} Any minor arithmetic deviation is due to rounding.

Commercial Dumpsters and Carts

The total commercial dumpsters and carts revenue requirement and cost of service is shown in Table 2-13. The detail is provided in Appendix, Schedule 8. The total rear-load refuse revenue requirement includes:

- All direct costs identified in Table 2-4.
- A proportional share of the administration, street sweeping, and container maintenance costs (based on the percentage of the total revenue requirement of commercial dumpster and cart collection).

A proportional share of disposal costs (based on the percentage of total annual tonnage represented by commercial dumpster and cart collection).

Table 2-13
Commercial Dumpsters and Carts Cost of Service

Service Category	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Direct Costs					
Commercial Collection	\$1,053,447	\$1,082,462	\$1,112,499	\$1,143,597	\$1,175,792
Indirect Costs					
Street Sweeping	\$116,363	\$119,143	\$122,020	\$124,998	\$128,081
Leaf Collection	-	-	-	-	-
Household Hazardous Waste	-	-	-	-	-
Container Maintenance	41,550	43,049	44,604	46,216	47,887
Roadside Cleanup	29,608	30,612	31,654	32,736	33,859
Administration	951,365	989,227	1,028,622	1,069,611	1,112,254
Disposal Costs	276,367	283,689	291,198	298,898	306,794
Total Revenue Requirement	\$2,468,699	\$2,548,182	\$2,630,598	\$2,716,056	\$2,804,667
Billing Units ¹	3,031	3,062	3,092	3,123	3,154
Annual Collections	399,058	403,048	407,079	411,150	415,261
Annual Capacity	327,375	330,648	333,955	337,294	340,667
Container Cost	\$31.31	\$32.17	\$33.06	\$33.98	\$34.93
Cost per Collection	\$2.64	\$2.69	\$2.73	\$2.78	\$2.83
Disposal Cost per Cubic Yard	\$0.84	\$0.86	\$0.87	\$0.89	\$0.90

^{1.} A rear-load to cart collection factor of 3x is being utilized in order to create a normalizes container count across dumpsters and carts.

To determine the monthly cost of service for a refuse container, the different component costs should be summed as follows:

- Cost per Container: \$31.31 (in FY 2022) for commercial carts or \$93.92(in FY 2022) for dumpsters,
 PLUS
- Cost per Collection: \$2.64 (in FY 2022) times the number of collections per week, times 4.33¹, (times 3 for dumpsters), PLUS
- Cost per Cubic Yard of Capacity: \$0.84 (in FY 2022) times the capacity of the container times the number of collections per week, times 4.33.

The example below utilizes the components listed above to generate a monthly cost of service for a 2 CY dumpster collected 3 times per week.

¹ 52 weeks per year / 12 months = 4.33 weeks per month

Table 2-14
Example Monthly Cost of Service

Cost Component	Cost per Unit	Multiplier	Totals		
Container Cost	\$31.31/container	1 container * 3	\$93.92 ¹		
Collection Cost	\$2.64/collection	3 collections per week * 4.33 * 3	\$102.95 ¹		
Disposal Cost	\$0.84/CY of capacity	2 CY container * 3 collections per week * 4.33	\$21.82 ¹		
Monthly cost to serve 6 CY container 2 times per week					

Product may vary from total due to rounding. The rear-load rate matrix for each container size and collection frequency can be found in the Report in Appendix, Schedule 8.

Commercial Roll-Off

Table 2-15 lists the projected cost of service for commercial roll-customers for the five-year forecast. The detail is provided in Appendix, Schedule 9. The cost of service includes:

- All direct costs identified in Table 2-4.
- A proportional share of the administration, street sweeping, and container maintenance costs (based on the percentage of the total revenue requirement the direct costs represent).
- A proportional share of disposal costs (based on the percentage of the total annual tonnage represented by commercial roll-off service).

Table 2-15
Roll-Off Revenue Requirement and Cost per Pull

Service Category	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Direct Cost					
Collection	\$316,856	\$325,163	\$333,766	\$342,675	\$351,901
Indirect Cost					
Street Sweeping	\$35,000	\$35,790	\$36,608	\$37,455	\$38,333
Leaf Collection	\$ -	\$ -	\$ -	\$ -	\$ -
Household Hazardous Waste	\$ -	\$ -	\$ -	\$ -	\$ -
Container Maintenance	12,497	12,932	13,382	13,848	14,332
Roadside Cleanup	8,906	9,196	9,497	9,809	10,134
Administration	286,152	297,156	308,602	320,505	332,885
Disposal Costs	\$123,211	\$126,475	\$129,823	\$133,256	\$136,776
Total Revenue Requirement	\$782,621	\$806,712	\$831,677	\$857,549	\$884,362
Total Pulls	2,670	2,670	2,670	2,670	2,670
Cost per Pull	\$293.12	\$302.14	\$311.49	\$321.18	\$331.22

^{1.} Any minor arithmetic deviation is due to rounding.

^{2.} Total may vary slightly from commercial front-load cost of service due to rounding.

Disposal

The annual cost of service for disposal of all services is detailed in Table 2-16. The detail is provided in Appendix, Schedule 6.

Table 2-16
Disposal Cost of Service

Service Category	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Direct					
Total Disposal Cost of Service	\$860,692	\$878,810	\$897,308	\$916,194	\$935,478
Total Tonnage	26,705	26,829	26,954	27,081	27,209
Cost per Ton	\$32.23	\$32.76	\$33.29	\$33.83	\$34.38

Section 3 KEY FINDINGS AND RECOMMENDATIONS

This section provides NewGen's FY 2022 – FY 2026 rate guidelines and recommendations for the solid waste services provided by the City.

Revenue Reconciliation from Current Rates

Prior to considering any rate changes, it is beneficial to evaluate the revenue projected under the current rates for the five-year forecast. Table 3-1 shows the forecasted revenue recovery from current rates, which is projected to under-recover the revenue requirement by approximately \$1,128,300 in FY 2022.

Based on this projected under-recovery, it is critical that the City put in place a rate strategy that systematically addresses the City's primary solid waste user fee mechanisms. The following section provides NewGen's recommended approach regarding what rate increases should be made over the next five years, for all customer classes, to place the City on a path to secure financial sustainability.

Table 3-1
Revenue Recovery from Current Rates

	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Revenue Requirement	\$5,649,301	\$5,809,273	\$5,974,956	\$6,146,561	\$6,324,306
Revenue from Rates	\$4,521,001	\$4,536,015	\$4,551,846	\$4,567,835	\$4,583,983
Over/(Under) Recovery ¹	\$(1,128,300)	\$(1,273,258)	\$(1,423,110)	\$(1,578,726)	\$(1,740,323)
Cumulative Over/(Under) 1	\$(1,128,300)	\$(2,401,558)	\$(3,824,668)	\$(5,403,394)	\$(7,143,717)

^{1.} Any minor arithmetic deviation is due to rounding.

Rate Recommendations

Proposed Residential Rates

NewGen recommends the following residential rates as described in Table 3-2. The implementation of these proposed rates will minimize the Utility's overall under-recovery over the five-year forecast.



Table 3-2 Proposed Residential Rates

Cart Capacity	Current	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
96 gallons	\$15.50	\$17.00	\$18.00	\$19.00	\$20.00	\$20.00
64 gallons	\$13.50	\$15.00	\$16.00	\$17.00	\$18.00	\$18.00
32 gallons	\$11.50	\$13.00	\$14.00	\$15.00	\$16.00	\$16.00
\$ Increase	N/A	\$1.50	\$1.00	\$1.00	\$1.00	\$ -
Additional Cart Fee	\$5.00	\$7.00	\$9.00	\$9.00	\$9.00	\$9.00
\$ Increase	N/A	\$2.00	\$2.00	\$ -	\$ -	\$ -

Proposed Commercial Cart Service Rates

NewGen recommends the following commercial cart service rate increases for FY 2022 as described in Table 3-3. Please refer to Appendix, Schedule 12 for a detailed listing of commercial cart service rate increases for the five-year forecast.

Table 3-3
Proposed FY 2022 Commercial Cart Service Rates

Collection Frequency							
Number of Carts 1 2 3							
1	\$20.50	\$41.00	\$61.50				
2	\$25.50	\$51.00	\$76.50				
3	\$30.50	\$61.00	\$91.50				

NewGen recommends the following commercial cart service rate increase by \$2.00 per year for FY 2023-2025 as described in Table 3-4.

Table 3-4
Proposed Commercial Cart Service Rate

Rate Increase	FY 2023	FY 2024	FY 2025	FY 2026
Per month per cart	\$2.00	\$2.00	\$2.00	\$0.00

Table 3-5 shows the rates for all carts and collection frequencies in FY 2025. NewGen does not recommend a rate increase for FY 2026.

Table 3-5
Proposed FY 2025 Commercial Cart Service Rates

Collection Frequency							
Number of Carts 1 2 3							
1	\$26.50	\$53.00	\$79.50				
2	\$31.50	\$63.00	\$94.50				
3	\$36.50	\$73.00	\$109.50				

Proposed Commercial Container Service Rates

NewGen recommends a 30% increase in commercial container service rates for FY 2022 and a 10% increase in rates for FY 2023 – FY 2025. The recommended rates for FY 2022 – FY 2025 are detailed in Tables 3-6 through 3-9. NewGen does not recommend a rate increase in FY 2026. Please refer to Appendix, Schedule 12 for a detailed listing of commercial dumpster service rate increases for the five-year forecast.

Table 3-6
FY 2022 Commercial Container Service Rates

	Collection Frequency							
Container Size (CY)	1	2	3	4	5	6		
2	\$81.00	\$126.00	\$190.00	\$252.00	\$316.00	\$378.00		
3	\$107.00	\$137.00	\$205.00	\$274.00	\$342.00	\$411.00		

Table 3-7
FY 2023 Commercial Container Service Rates

	Collection Frequency						
Container Size (CY)	1	2	3	4	5	6	
2	\$89.00	\$139.00	\$209.00	\$277.00	\$348.00	\$416.00	
3	\$118.00	\$151.00	\$226.00	\$301.00	\$376.00	\$452.00	

Table 3-8
FY 2024 Commercial Container Service Rates

		Collec	ction Frequer	псу		
Container Size (CY)	1	2	3	4	5	6
2	\$98.00	\$153.00	\$230.00	\$305.00	\$383.00	\$458.00
3	\$130.00	\$166.00	\$249.00	\$331.00	\$414.00	\$497.00

Table 3-9
FY 2025 Commercial Container Service Rates

		Collec	tion Frequer	псу		
Container Size (CY)	1	2	3	4	5	6
2	\$108.00	\$168.00	\$253.00	\$336.00	\$421.00	\$504.00
3	\$143.00	\$183.00	\$274.00	\$364.00	\$455.00	\$547.00

Proposed Commercial Roll-Off Rates

Table 3-10 shows the proposed pull fees (i.e., pick-up fees) for standard roll-off and compactor collection.

Table 3-10
Proposed Commercial Roll-off Rates

	Current	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Standard Roll-Off	\$148.00	\$168.00	\$188.00	\$208.00	\$228.00	\$228.00
Compactor	\$215.00	\$235.00	\$255.00	\$275.00	\$295.00	\$295.00
\$ Increase	N/A	\$20.00	\$20.00	\$20.00	\$20.00	\$ -

New Gen does not propose increasing the daily rental fee for roll-off containers.

Revenue Recovery from Proposed Rates

Table 3-11 shows the forecasted revenue recovery from proposed rates, which will allow the City to realize a positive cash flow by FY 2024. Detail of the forecasted revenue recovery can be found in Appendix, Schedule 13.

Table 3-11
Revenue Recovery from Proposed Rates

	Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
Revenue Requirement	\$5,649,301	\$5,809,273	\$5,974,956	\$6,146,561	\$6,324,306
Revenue from Rates	\$5,309,864	\$5,793,060	\$6,225,425	\$6,681,148	\$6,708,226
Over/(Under) Recovery ¹	\$(339,437)	\$(16,213)	\$250,469	\$534,587	\$383,920
Cumulative Over/(Under) 1	\$(339,437)	\$(355,650)	\$(105,181)	\$429,406	\$813,326

^{1.} Any minor arithmetic deviation is due to rounding.



Appendix COST OF SERVICE SCHEDULES

List of Schedules

Schedule 1: Test Year (FY 2021)

Schedule 2: Capital Improvement Plan

Schedule 3: Five-Year Revenue Requirement

Schedule 4: Five-Year Revenue Requirement Summary

Schedule 5: Indirect Cost Allocations Schedule 6: Disposal Cost of Service

Schedule 7: Residential Cost of Service

Schedule 8: Commercial Dumpsters and Carts Cost of Service

Schedule 9: Commercial Roll-Off Cost of Service Schedule 10: Drop-Off Recycling Cost of Service

Schedule 11: Revenue Reconciliation at Current Rates

Schedule 12: Proposed Rates

Schedule 13: Revenue Reconciliation at Proposed Rates

Schedule 14: Reserves at Proposed Rates





Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Test Year

								,	st rear									
Line No.			Description		FY 2018 Budget		FY 2018 Actual	FY 2019 Budget	FY 2019 Actual		FY 2020 Budget	FY 2020 Actual	FY 2021 Budget	Adjustments		Test Year	Notes:	Inflation Factor
	_																	
2	Expenses 511750	Solid Waste & Recycle																
3	511/50	51175051110	Regular Salaries	Ś	1,173,297	ė	1 122 015	\$ 1,163,000	¢ 1 117 20E	ć	1 100 000	\$ 1,114,935	¢ 1 205 217		\$	1,205,217		Salaries
4		51175051110	Overtime	۶	10,000	ş	2,855	11,000	4,969	ş	11,000		11,000		ş	11,000		Salaries
5		51175051120	FICA		89,700		2,855 82,049	89,000	4,969 81,895		92,000		91,000			91,000		Benefits
6		51175051130	Group Insurance		236,240		237,281	272,661	218,984		322,000		280,962	19,038		300,000	Α	Benefits
7		51175051140	DB Retirement		149,866		141,003	129,000	122,971		115,000	113,662	122,000	19,036		122,000	Α	Benefits
8		51175051155	DC Retirement		19,340		19,219	24,000	20,513		26,000		24,000			24,000		Benefits
9		51175051170	Workers' Comp		3,532		3,532	21,407	21,407		31,859		18,456			18,456		Benefits
10		51175051180	Unemployment		3,332		5,552	22,407	21,407		31,033	32,033	10,450			10,450		Benefits
11		51175052110	Employment Srv		3,680		5,959	6,300	1,507		6,300	3,546	6,300			6,300		General
12		51175052220	Bad Debt Writeoff		-		4,110	-	-		-	3,540	-			-		General
13		51175052310	Ut/Comm		7,200		5,502	7,200	4,921		7,200	5,496	7.200			7,200		General
14		51175052510	Other Services		810.000		803,593	861,133	871,986		826,371		810,000	35,000		845,000	Α	General
15		51175052610	Main&Repair Serv		20,000		29,850	28,789	37,069		30,000		30,000	,		30,000		General Maintenance
16		5117553110	Office Supp		5,000		321	5,500	1,490		5,500		2,500			2,500		General
17		51175053210	Jan Supplies		2,000		1,982	2,000	1,096		2,000		2,500			2,500		General
18		51175053310	Gen Supplies		19,686		11,953	19,686	15,791		19,686		19,686			19,686		General
19		51175053410	Tools&Equipment		31,168		18,139	50,422	38,434		40,866		32,000			32,000		General
20		51175053510	Fuel		120,000		131,042	130,000	147,720		130,000		130,000	13,000		143,000	Α	Fuel
21		51175053610	Main&Repair Mate		180,000		164,468	180,000	157,322		180,000		180,000			180,000		Vehicle Maintenance
22		51175053910	Inv. Adjustment					-	-			-	-			-		General
23		5117505590	Other Imprv				-	-	-		-					-		General
24		51175055980	Cap of FA		-			-	-		-	-	-					General
25		51175055990	Depr		-		-	-	-		-	-	-			-		General
26	6757500	6757500 52510	OthService		-		5,933	321,560	180,942		213,153	121,317	-			-		General
27		6757500 55930	Oth Imprv		98,720		-	113,162	-		65,000	-	-					General
28		6757500 55940	Mach&Equip		-		-	-	-		-	-	-					General
29		6757500 55950	Offeq&Furn		-		-	-	-		-	-	-			-		General
30		6757500 55960	Veh&Equip		360,000		273,971	660,000	-		1,960,000	1,622,500	495,000	(495,000)		_	General
31			Total Solid Waste & Recycle	\$	3,339,429	\$	3,064,777	\$ 4,095,820	\$ 3,046,414	\$	5,263,934	\$ 4,599,723	\$ 3,467,821	\$ (427,962	\$	3,039,859		
32	5110000	Interfund Transfers																
33		511000059101	Transfer to Gen	\$		\$		\$ 1,289,941		\$	1,382,871	\$ 1,382,871			\$	1,472,219		General Fund Transfe
34		511000059670	Transfer to Stab		80,508		80,508	25,000	25,000		-	-	88,396			88,396		None
35		511000059663	Transfer to Auto Fund		-		-	85,204	85,204		87,618	87,618	-	25,000		25,000	Α	None
36		511000059675	Transfer to Capital		750,000		750,000	750,000	750,000		740,000	740,000	200,000	(200,000)		Α	None
37			Total Interfund Transfers	\$	1,885,847	\$	1,885,847	\$ 2,150,145	\$ 2,150,145	\$	2,210,489	\$ 2,210,489	\$ 1,760,615	\$ (175,000	\$	1,585,615		
38		Proposed Debt	BLANK															
39			Total Proposed Debt	- 2		>		\$ -	\$ -	\$		\$ -	\$ -	^	, ,		-	None
39			Total Proposed Debt	\$	-	\$	-	\$ -	\$ -	\$	-	\$ -	\$ -	\$ -	\$	-		
40		Capital Improvement Pla	ın															
41			Pay-As-You-Go	Ś		\$		\$ -	\$ -	\$	-	\$ -	\$ -	\$ 980,691	\$	980,691	В	Capital Projects
42			TOTAL CIP	\$		\$	-	\$ -	\$ -	\$	-	\$ -	\$ -	\$ 980,691	\$	980,691	-	
43		Solid Waste Total Expens	ses	\$	5,225,276	\$	4,950,624	\$ 6,245,965	\$ 5,196,559	\$	7,474,423	\$ 6,810,212	\$ 5,228,436	\$ 377,729	\$	5,606,165	=	
44	Revenues																	
45		Solid Waste																
46	311000	51100044431	Sanitation Collection	s	(4,290,334)	Ś	(4.334.580)	\$ (4,347,841)	\$ (4.380.149)	s	(4.404.533)	\$ (4,367,465)	\$ (4.427.992)	\$ 4.427.992	Ś			None
47		51100044432	Landfill Fee	Ý	(4,071)	Ÿ	(93.515)	(93,702)	(99,459)		(97,223)	(88.175)			Ÿ	(2.053)		None
48		51100044433	Other San. Fee		(122,817)		(15,398)	(12,924)	(21,888)		(24,402)	(25,316)	(93,799)			(93,799)		None
49		51100044435	Recycled Mat.		(21,973)		(6,408)	(8,676)	(5,426)		(4,147)	(2,587)	(23,687)			(23,687)		None
50		51100044436	Yard Waste Vouchers		(11,748)		(8,645)	(8,053)	(1,135)		(984)	(1,080)	(1,888)			(1.888)		None
51		51100044437	Refuse Vouchers		(9,572)		(8,380)	(6,327)	(11,975)		(10,744)	(12,210)	(12,079)			(12,079)		None
52		51100044891	Fleet Service Fee		(-,-,-)		(2,750)	(-,52-)	(1,750)		(1,300)	(3,000)	(3,500)			(3,500)		None
53		51100044031	Inv. Earnings				(9,240)	_	(13,046)		(5,000)	(4,877)				- (-,-50)		None
54		51100046224	Realized Gain/Loss				31	_	(25,540)		- (2,250)	- (.,5,7,7	-					None
55		51100047211	Misc. Revenue		(8,680)			_	_				-					None
56		51100047211	Bad Debt Collect.				(4)									-		None
57		51100047411	Sale/Surplus Prop.				(1,100)		(1,039))		(681)				-		None
58			Total Revenues	\$	(4,469,195)	\$		\$ (4,477,523)			(4,548,333)	\$ (4,505,391)	\$ (4,564,998)	\$ 4,427,992	\$	(137,006)	=	
59		NET REVENUE REQUIRE	MENT												\$	5,469,159]	

Notes:
A. Adjustments made per city staff.
B. Calculated on Schedule 2, Capital Improvement Plan.

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Capital Improvement Plan

Line No.	Asset Title No	otes	Purchase Year	Funding Source	E	stimated Price	Estimated Operational Life	Year 1 FY 2022		ear 2 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026	5-Year Total Purchases	5-Year Annualized
1	Grappler/Loader Truck		2022	Rates	\$	160,000	7	\$ 160,000	\$	-	\$ -	\$ -	\$ -		
2	Polycarts (25,000)		2025	Rates	\$	1,500,000	20	-		-	-	1,500,000	-		
3	Roll Off Refuse Truck		2022	Rates	\$	175,000	6	175,000		-	-	-	-		
4	One Ton Truck		2023	Rates	\$	45,000	7	-		47,250	-	-	-		
5	One Ton Truck		2023	Rates	\$	45,000	7	-		47,250	-	-	-		
6	Rear Load Refuse Truck		2023	Rates	\$	177,500	7	-		186,375	-	-	-		
7	Rear Load Refuse Truck		2023	Rates	\$	177,500	7	-	:	186,375	-	-	-		
8	Roll Off Refuse Truck		2024	Rates	\$	175,000	7	-		-	192,938	-	-		
9	Roll Off Refuse Truck		2024	Rates	\$	175,000	7	-		-	192,938	-	-		
10	Automated Refuse Truck ¹		2024	Rates	\$	350,000	6	-		-	310,875	-	-		
11	Automated Refuse Truck ¹		2024	Rates	\$	350,000	6	-		-	310,875	-	-		
12	Automated Refuse Truck ¹		2024	Rates	\$	350,000	6	-		-	310,875	-	-		
13	Automated Refuse Truck ¹		2024	Rates	\$	350,000	6	-		-	310,875	-	-		
14	Automated Refuse Truck ¹		2024	Rates	\$	350,000	6	-		-	310,875	-	-		
15	Rear Load Refuse Truck		2025	Rates	\$	177,500	7	-		-	-	205,478	-		
16	Rear Load Refuse Truck		2025	Rates	\$	177,500	7	-		-	-	205,478	-		
17	Wash Tray		2022	Rates	\$	250,000	20	 250,000		-	-	-	-	=	
18	Subtotal							\$ 585,000	\$ 4	467,250	\$ 1,940,250	\$ 1,910,957	\$ -	\$ 4,903,457	\$ 980,691

Notes:

1. In order to estimate a potential buyback program, NewGen is assuming the old automated refuse trucks will bought back for \$75,000. NewGen has subtracted \$75,000 from the purchase price of the automated refuse trucks in FY 2024 (\$385,875 - \$75,000 = \$310,875).

Prepared by NewGen Strategies and Solutions

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Solid Waste Revenue Requirement Forecast

		Description		Test Year		Year 1 FY 2022	Year 2 FY 2023		Year 3 FY 2024	Year 4 FY 2025		Year 5 FY 2026	Inflation Fact
,													
1 Expenses													
2 511750	Solid Waste & Recycle												
3	51175051110	Regular Salaries	\$	1,205,217	\$	1,265,478 \$	1,309,770	\$	1,355,612 \$	1,403,058	\$	1,452,165	Salaries
4	51175051120	Overtime		11,000		11,550	11,954		12,373	12,806		13,254	Salaries
5	51175051130	FICA		91,000		95,550	98,894		102,356	105,938		109,646	Benefits
6	51175051140	Group Insurance		300,000		315,000	326,025		337,436	349,246		361,470	Benefits
7	51175051150	DB Retirement		122,000		128,100	132,584		137,224	142,027		146,998	Benefits
8	51175051155	DC Retirement		24,000		25,200	26,082		26,995	27,940		28,918	Benefits
9	51175051170	Workers' Comp		18,456		19,379	20,057		20,759	21,486		22,238	Benefits
10	51175051180	Unemployment		-		-	-		-	-		-	Benefits
11	51175052110	Employment Srv		6,300		6,432	6,567		6,705	6,846		6,990	General
12	51175052220	Bad Debt Writeoff		-									General
13	51175052310	Ut/Comm		7,200		7,351	7,506		7,663	7,824		7,988	General
14	51175052510	Other Services		845,000		862,745	880,863		899,361	918,247		937,531	General
15	51175052610	Main&Repair Serv		30,000		30,900	31,827		32,782	33,765		34,778	General Maintena
16	5117553110	Office Supp		2,500		2,553	2,606		2,661	2,717		2,774	General
17	51175053210	Jan Supplies		2,500		2,553	2,606		2,661	2,717		2,774	General
18	51175053310	Gen Supplies		19,686		20,099	20,521		20,952	21,392		21,842	General
19	51175053410	Tools&Equipment		32,000		32,672	33,358		34,059	34,774		35,504	General
20	51175053510	Fuel		143,000		150,150	157,658		165,540	173,817		182,508	Fuel
21	51175053610	Main&Repair Mate		180,000		185,400	190,962		196,691	202,592		208,669	Vehicle Maintena
22	51175053910	Inv. Adjustment		-		-	-		-	-		-	General
23	5117505590	Other Imprv		-		-	-		-	-		-	General
24	51175055980	Cap of FA		-		-	-		-	-		-	General
25	51175055990	Depr		-		-	-		-	-		-	General
26 6757500	6757500 52510	OthService		-		-	-		-	-		-	General
27	6757500 55930	Oth Imprv		-		-	-		-	-		-	General
28	6757500 55940	Mach&Equip		-		-	-		-	-		-	General
29	6757500 55950	Offeq&Furn		-		-	-		-	-		-	General
30	6757500 55960	Veh&Equip	_		_			_			_		General
31		Total Solid Waste & Recycle	\$	3,039,859	\$	3,161,112 \$	3,259,840	\$	3,361,828 \$	3,467,191	\$	3,576,045	
22 5110000	Interfered Transfers												
32 5110000	Interfund Transfers 511000059101	Transfer to Con	Ś	1 472 210		1 F21 100 Ć	1 502 252	4	1.656.046 .6	1 722 200	ć	1 701 100	Conoral Frond Tran
33		Transfer to Gen	ş	1,472,219	\$	1,531,108 \$	1,592,352	Ş	1,656,046 \$	1,722,288	\$	1,791,180	General Fund Tran
34	511000059670	Transfer to Stab		88,396		88,396	88,396		88,396	88,396		88,396	None
35 36	511000059663 511000059675	Transfer to Auto Fund		25,000		25,000	25,000		25,000	25,000		25,000	None None
37	511000059675	Transfer to Capital Total Interfund Transfers	Ś	1,585,615	\$	1,644,504 \$	1,705,748	\$	1,769,442 \$	1,835,684	\$	1,904,576	None
3/		rotal interiund fransiers	ş	1,565,615	Þ	1,644,504 \$	1,705,748	Þ	1,769,442 \$	1,035,004	Þ	1,904,576	
38	Proposed Debt				_			_	_		_		
39		BLANK Total Proposed Debt	\$	-	\$ \$	- \$ - \$		\$ \$	- \$		\$		None
39		Total Proposed Debt	>	-	>	- \$	-	>	- >	-	>	-	
40	C1-11												
41	Capital Improvement Plan	Day As Vay Ca		000 001	Ś	980.691 \$	980.691	4	980.691 \$	980.691	ć	000 001	Conital Designate
		Pay-As-You-Go	\$	980,691			,	\$, ,	,	\$	980,691	Capital Projects
42		TOTAL CIP	\$	980,691	\$	980,691 \$	980,691	\$	980,691 \$	980,691	Ş	980,691	
43	Solid Waste Total Expenses		\$	5,606,165	\$	5,786,307 \$	5,946,279	\$	6,111,962 \$	6,283,567	\$	6,461,312	
44 Revenues													
	Solid Waste												
	51100044431	Sanitation Collection	\$	-	\$	- \$	-	\$	- \$	- (0.000)	\$	-	None
46				(2,053)		(2,053)	(2,053)		(2,053)	(2,053)		(2,053)	None
46 47	51100044432	Landfill Fee				(93,799)	(93,799)		(93,799)	(93,799)		(93,799)	None
46 47 48	51100044432 51100044433	Other San. Fee		(93,799)									
46 47 48 49	51100044432 51100044433 51100044435	Other San. Fee Recycled Mat.		(93,799) (23,687)		(23,687)	(23,687)		(23,687)	(23,687)		(23,687)	None
46 47 48 49 50	51100044432 51100044433 51100044435 51100044436	Other San. Fee Recycled Mat. Yard Waste Vouchers		(93,799) (23,687) (1,888)		(23,687) (1,888)	(23,687) (1,888)		(1,888)	(1,888)		(1,888)	None
46 47 48 49 50 51	51100044432 51100044433 51100044435 51100044436 51100044437	Other San. Fee Recycled Mat. Yard Waste Vouchers Refuse Vouchers		(93,799) (23,687) (1,888) (12,079)		(23,687) (1,888) (12,079)	(23,687) (1,888) (12,079)		(1,888) (12,079)	(1,888) (12,079)		(1,888) (12,079)	None None
46 47 48 49 50 51	51100044432 51100044433 51100044435 51100044436 51100044437 51100044891	Other San. Fee Recycled Mat. Yard Waste Vouchers Refuse Vouchers Fleet Service Fee		(93,799) (23,687) (1,888)		(23,687) (1,888)	(23,687) (1,888)		(1,888)	(1,888)		(1,888)	None None None
46 47 48 49 50 51 52	51100044432 51100044433 51100044435 51100044436 51100044437 51100044891 51100046221	Other San. Fee Recycled Mat. Yard Waste Vouchers Refuse Vouchers Fleet Service Fee Inv. Earnings		(93,799) (23,687) (1,888) (12,079)		(23,687) (1,888) (12,079)	(23,687) (1,888) (12,079)		(1,888) (12,079)	(1,888) (12,079)		(1,888) (12,079)	None None None
46 47 48 49 50 51 52 53	51100044432 51100044433 51100044435 51100044435 51100044437 51100044891 51100046221 51100046224	Other San. Fee Recycled Mat. Yard Waste Vouchers Refuse Vouchers Fleet Service Fee Inv. Earnings Realized Gain/Loss		(93,799) (23,687) (1,888) (12,079)		(23,687) (1,888) (12,079)	(23,687) (1,888) (12,079)		(1,888) (12,079)	(1,888) (12,079)		(1,888) (12,079)	None None None None
46 47 48 49 50 51 52 53 54	51100044432 51100044433 51100044435 51100044436 51100044437 51100046221 51100046221 51100046224 51100047221	Other San. Fee Recycled Mat. Yard Waste Vouchers Refuse Vouchers Fleet Service Fee Inv. Earnings Realized Gain/Loss Misc. Revenue		(93,799) (23,687) (1,888) (12,079)		(23,687) (1,888) (12,079)	(23,687) (1,888) (12,079)		(1,888) (12,079)	(1,888) (12,079)		(1,888) (12,079)	None None None None None
46 47 48 49 50 51 52 53 54 55 56	51100044432 51100044433 51100044435 51100044436 51100044437 5110004891 51100046221 51100047211 51100047211	Other San. Fee Recycled Mat. Yard Waste Vouchers Refuse Vouchers Fleet Service Fee Inv. Earnings Realized Gain/Loss Misc. Revenue Bad Oebt Collect.		(93,799) (23,687) (1,888) (12,079)		(23,687) (1,888) (12,079)	(23,687) (1,888) (12,079)		(1,888) (12,079)	(1,888) (12,079)		(1,888) (12,079)	None None None None None None
47 48 49 50 51 52 53 54 55 56 57	51100044432 51100044433 51100044435 51100044436 51100044437 51100046221 51100046221 51100046224 51100047221	Other San. Fee Recycled Mat. Yard Waste Vouchers Refuse Vouchers Fleet Service Fee Inv. Earnings Realized Gain/Loss Misc. Revenue Bad Debt Collect. Sale/Surplus Prop.		(93,799) (23,687) (1,888) (12,079) (3,500) - - - - -		(23,687) (1,888) (12,079) (3,500) - - - - -	(23,687) (1,888) (12,079) (3,500) - - - - -		(1,888) (12,079) (3,500) - - - - - -	(1,888) (12,079) (3,500) - - - - -		(1,888) (12,079) (3,500) - - - - -	None None None None None None
46 47 48 49 50 51 52 53 54 55 56	51100044432 51100044433 51100044435 51100044436 51100044437 5110004891 51100046221 51100047211 51100047211	Other San. Fee Recycled Mat. Yard Waste Vouchers Refuse Vouchers Fleet Service Fee Inv. Earnings Realized Gain/Loss Misc. Revenue Bad Oebt Collect.	\$	(93,799) (23,687) (1,888) (12,079)	\$	(23,687) (1,888) (12,079)	(23,687) (1,888) (12,079)		(1,888) (12,079)	(1,888) (12,079)	\$	(1,888) (12,079)	None None None None None None

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Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study 5-Year Revenue Requirement Summary

Line No.		Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
1	Residential Collection					
2	Refuse	\$ 845,429	\$ 862,796	\$ 880,789	\$ 899,432	\$ 918,750
3	Bulky (Voucher Program)	-	-	-	-	-
4	Subtotal Residential Collection	\$ 845,429	\$ 862,796	\$ 880,789	\$ 899,432	\$ 918,750
5	Commercial Collection					
6	Dumpsters	\$ 1,053,447	\$ 1,082,462	\$ 1,112,499	\$ 1,143,597	\$ 1,175,792
7	Roll-Off	316,856	325,163	333,766	342,675	351,901
8	Subtotal Commercial Collection	\$ 1,370,303	\$ 1,407,625	\$ 1,446,265	\$ 1,486,272	\$ 1,527,693
9	Street Sweeping	\$ 254,166	\$ 259,408	\$ 264,843	\$ 270,477	\$ 276,318
10	Drop-Off Recycling	\$ 85,262	\$ 86,416	\$ 87,617	\$ 88,868	\$ 90,171
11	Leaf Collection	\$ -	\$ -	\$ -	\$ -	\$ -
12	Household Hazardous Waste	\$ -	\$ -	\$ -	\$ -	\$ -
13	Container Maintenance	\$ 90,755	\$ 93,731	\$ 96,813	\$ 100,005	\$ 103,311
14	Disposal	\$ 860,692	\$ 878,810	\$ 897,308	\$ 916,194	\$ 935,478
15	Roadside Cleanup	\$ 64,672	\$ 66,652	\$ 68,706	\$ 70,836	\$ 73,046
16	Administration	\$ 2,078,022	\$ 2,153,837	\$ 2,232,616	\$ 2,314,477	\$ 2,399,540
17	Total Revenue Requirement	\$ 5,649,301	\$ 5,809,273	\$ 5,974,956	\$ 6,146,561	\$ 6,324,306

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Indirect Cost Allocations

Line No.			Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
1	Indirect Costs										
2	Street Sweeping	Ś	254,166	Ś	259,408	Ś	264,843	\$	270,477	\$	276,318
3	Leaf Collection	¥	-	7	-	~	-	7	-	7	-
4	Household Hazardous Waste		_		_		_		_		_
5	Container Maintenance		90,755		93,731		96,813		100,005		103,311
6	Roadside Cleanup		64,672		66,652		68,706		70,836		73,046
7	Administration		2,078,022		2,153,837		2,232,616		2,314,477		2,399,540
8	Total Indirect Costs	\$	2,487,614	\$	2,573,627	\$	2,662,977	\$	2,755,794	\$	2,852,214
9	INDIRECT COST ALLOCATIONS										
J	INDINEED COST, NEED CONTONS										
10	Residential Collection										
11	Refuse	\$	913,997	\$	942,159	\$	971,362	\$	1,001,648	\$	1,033,059
12	Bulky (Voucher Program)	\$	-	\$	-	\$	-	\$	-	\$	-
13	Subtotal Residential Collection	\$	913,997	\$	942,159	\$	971,362	\$	1,001,648	\$	1,033,059
14	Commercial Collection										
15	Dumpsters	\$	1,138,885	\$	1,182,031	\$	1,226,900	\$	1,273,561	\$	1,322,081
16	Roll-Off	\$	342,554	\$	355,073	\$	368,088	\$	381,618	\$	395,684
17	Subtotal Commercial Collection	\$	1,481,440	\$	1,537,104	\$	1,594,988	\$	1,655,179	\$	1,717,766
18	Drop-Off Recycling	\$	92,177	Ś	94,364	Ś	96,626	Ś	98,967	Ś	101,390
19	Disposal	\$,	\$	-	\$	-	\$	-	\$,-30
20	Total Indirect Costs	\$	2,487,614	\$	2,573,627	\$	2,662,977	\$	2,755,794	\$	2,852,214

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Disposal Cost of Service

Line No.		Year 1 FY 2022		Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
1	Total Disposal Cost of Service	\$ 860,69	2 \$	878,810	\$ 897,308	\$ 916,194	\$ 935,478
2	Residential	13,35	1	13,351	13,351	13,351	13,351
3	Commercial Roll-Off	3,823	3	3,861	3,900	3,939	3,978
4	Commercial Dumpsters	8,57	5	8,661	8,747	8,835	8,923
5	Coupon Program	95	7	957	957	957	957
6	Total Tons	26,70	5	26,829	26,954	27,081	27,209
7	Cost per Ton	\$ 32.23	3 \$	32.76	\$ 33.29	\$ 33.83	\$ 34.38

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Residential Cost of Service

			V	V2	Vacua		V
Line No.			Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
1	Direct Costs						
2	Refuse	\$	845,429	\$ 862,796	\$ 880,789	\$ 899,432	\$ 918,750
3	Bulky (Voucher Program)	_	-	 -	 -	 -	 -
4	Subtotal Direct Costs	\$	845,429	\$ 862,796	\$ 880,789	\$ 899,432	\$ 918,750
5	Indirect Costs						
6	Street Sweeping	\$	93,385	\$ 94,965	\$ 96,606	\$ 98,310	\$ 100,081
7	Leaf Collection		-	-	-	-	-
8	Household Hazardous Waste		-	-	-	-	-
9	Container Maintenance		33,345	34,313	35,314	36,349	37,419
10	Roadside Cleanup		23,762	24,400	25,061	25,747	26,457
11	Administration		763,505	788,481	814,382	841,243	869,103
12	Subtotal Indirect Costs	\$	913,997	\$ 942,159	\$ 971,362	\$ 1,001,648	\$ 1,033,059
13	Disposal Costs	\$	461,114	\$ 468,645	\$ 476,287	\$ 484,040	\$ 491,908
14	Total Cost of Service	\$	2,220,541	\$ 2,273,600	\$ 2,328,438	\$ 2,385,121	\$ 2,443,717
15	Residential Billing Units						
16	96 gal cart						
17	1 cart		10,122	10,122	10,122	10,122	10,122
18	2 carts		2,631	2,631	2,631	2,631	2,631
19	3 carts		137	137	137	137	137
20	4 carts		11	11	11	11	11
21	5 carts		3	3	3	3	3
22	Subtotal		12,904	12,904	12,904	12,904	12,904
23	64 gal cart						
24	1 cart		261	261	261	261	261
25	2 carts		15	15	15	15	15
26	3 carts		1	1	1	1	1
27	Subtotal		277	277	277	277	277
28	32 gal cart						
29	1 cart		143	143	143	143	143
30	2 carts		2	2	2	2	2
31	Subtotal		145	145	145	145	145
32	Side Yard Handicap Can		1	1	1	1	1
33	Total Billing Units		13,327	13,327	13,327	13,327	13,327
2.							
34	Weekly Disposal Capacity (Gallons)						
35	96 gal cart						
36	1 cart		971,712	971,712	971,712	971,712	971,712
37	2 carts		505,152	505,152	505,152	505,152	505,152
38	3 carts		39,456	39,456	39,456	39,456	39,456
39	4 carts		4,224	4,224	4,224	4,224	4,224
40	5 carts		1,440	1,440	1,440	1,440	1,440
41	Subtotal		1,521,984	1,521,984	1,521,984	1,521,984	1,521,984

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Residential Cost of Service

Line No.			Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025		Year 5 FY 2026
42	64 gal cart							
43	1 cart		16,704	16,704	16,704	16,704		16,704
44	2 carts		1,920	1,920	1,920	1,920		1,920
45	3 carts		192	192	192	192		192
46	Subtotal		18,816	18,816	18,816	18,816		18,816
47	32 gal cart							
48	1 cart		4,576	4,576	4,576	4,576		4,576
49	2 carts		128	128	128	128		128
50	Subtotal		4,704	4,704	4,704	4,704		4,704
51	Side Yard Handicap Can		96	96	96	96		96
52	Total Weekly Disposal Capacity		1,545,600	1,545,600	1,545,600	1,545,600		1,545,600
53 54	Total Monthly Disposal Capacity		6,697,600	6,697,600	6,697,600	6,697,600		6,697,600
55	Direct Costs							
56	Refuse	\$	5.29	\$ 5.40	\$ 5.51	\$ 5.62		5.74
57	Bulky (Voucher Program)	\$	-	\$ -	\$ -	\$ -	\$	-
58	Subtotal Direct Costs	\$	5.29	\$ 5.40	\$ 5.51	\$ 5.62	\$	5.74
59	Indirect Costs							
60	Street Sweeping	\$	0.58	\$ 0.59	\$ 0.60	\$ 0.61	\$	0.63
61	Leaf Collection		-	-	-	-		-
62	Household Hazardous Waste		-	-	-	-		-
63	Container Maintenance		0.21	0.21	0.22	0.23		0.23
64	Roadside Cleanup		0.15	0.15	0.16	0.16		0.17
65	Administration	 -	4.77	4.93	 5.09	5.26		5.43
66	Subtotal Indirect Costs	\$	5.72	\$ 5.89	\$ 6.07	\$ 6.26	\$	6.46
67	Disposal Costs							
68	Total Monthly Capacity		6,697,600	6,697,600	6,697,600	6,697,600		6,697,600
69	\$/Gallon per Month	\$	0.01	\$ 0.01	\$ 0.01	\$ 0.01	\$	0.01
70	Monthly Disposal Cost							
71	96 gal cart							
72	1 cart	\$	2.39	\$ 2.43	\$	\$ 2.51		2.55
73	2 carts	\$	4.77	\$ 4.85	\$ 4.93	\$ 5.01	\$	5.09
74	3 carts	\$	7.16	\$	\$	\$ 7.52		7.64
75	4 carts	\$	9.55	\$ 9.70	9.86	10.02		10.18
76	5 carts	\$	11.93	\$ 12.13	\$ 12.33	\$ 12.53	\$	12.73
77	64 gal cart							
78	1 cart	\$	1.59	1.62	1.64	1.67		1.70
79	2 carts	\$	3.18	\$	\$	\$ 3.34		3.39
80	3 carts	\$	4.77	\$ 4.85	\$ 4.93	\$ 5.01	\$	5.09
81	32 gal cart							
82	1 cart	\$	0.80	0.81	0.82	0.84	-	0.85
83	2 carts	\$	1.59	\$ 1.62	\$ 1.64	\$ 1.67	\$	1.70
84	Side Yard Handicap Can	\$	2.39	\$ 2.43	\$ 2.47	\$ 2.51	\$	2.55

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Residential Cost of Service

Line			Year 1	Year 2	Year 3	Year 4	Year 5
No.		F	Y 2022	FY 2023	FY 2024	FY 2025	FY 2026
85	Residential Monthly Cost of Service						
86	96 gal cart						
87	1 cart	\$	13.39	\$ 13.71	\$ 14.05	\$ 14.39	\$ 14.75
88	2 carts	\$	15.78	\$ 16.14	\$ 16.51	\$ 16.90	\$ 17.30
89	3 carts	\$	18.16	\$ 18.56	\$ 18.98	\$ 19.40	\$ 19.84
90	4 carts	\$	20.55	\$ 20.99	\$ 21.44	\$ 21.91	\$ 22.39
91	5 carts	\$	22.94	\$ 23.41	\$ 23.91	\$ 24.41	\$ 24.94
92	64 gal cart						
93	1 cart	\$	12.59	\$ 12.90	\$ 13.22	\$ 13.56	\$ 13.90
94	2 carts	\$	14.18	\$ 14.52	\$ 14.87	\$ 15.23	\$ 15.60
95	3 carts	\$	15.78	\$ 16.14	\$ 16.51	\$ 16.90	\$ 17.30
96	32 gal cart						
97	1 cart	\$	11.80	\$ 12.09	\$ 12.40	\$ 12.72	\$ 13.05
98	2 carts	\$	12.59	\$ 12.90	\$ 13.22	\$ 13.56	\$ 13.90
99	Side Yard Handicap Can	\$	13.39	\$ 13.71	\$ 14.05	\$ 14.39	\$ 14.75

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Commercial Dumpsters and Carts

Line		Year 1	Year 2	Year 3	Year 4	Year 5
No.		FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
1	Direct Costs					
2	Commercial Collection	\$ 1,053,447	\$ 1,082,462	\$ 1,112,499	\$ 1,143,597	\$ 1,175,792
3	Indirect Costs					
4	Street Sweeping	\$ 116,363	\$ 119,143	\$ 122,020	\$ 124,998	\$ 128,081
5	Leaf Collection	-	-	-	-	-
6	Household Hazardous Waste	-	-	-	-	-
7	Container Maintenance	41,550	43,049	44,604	46,216	47,887
8	Roadside Cleanup	29,608	30,612	31,654	32,736	33,859
9	Administration	 951,365	989,227	1,028,622	1,069,611	1,112,254
10	Subtotal Indirect Costs	\$ 1,022,523	\$ 1,062,888	\$ 1,104,881	\$ 1,148,563	\$ 1,194,000
11	Disposal Costs	\$ 276,367	\$ 283,689	\$ 291,198	\$ 298,898	\$ 306,794
12	Total Cost of Service	\$ 2,468,699	\$ 2,548,182	\$ 2,630,598	\$ 2,716,056	\$ 2,804,667
13	BILLING UNITS AND COSTS PER UNIT					
14	Container Cost					
15	Dumpster Counts					
16	Commercial Dumpsters	842	851	859	868	877
17	Rear-Load to Cart Collection Factor	3.00	3.00	3.00	3.00	3.00
18	Total Dumpsters w/Collection Factor	 2,527	2,553	2,578	2,604	2,630
19	Cart Counts	2,527	2,555	2,575	2,00	2,000
20	Total Refuse Carts	504	509	514	519	524
21	Monthly Fee per Container	-				
22	Street Sweeping	\$ 3.20	\$ 3.24	\$ 3.29	\$ 3.34	\$ 3.38
23	Leaf Collection	\$ -	\$ -	\$ -	\$ -	\$ -
24	Household Hazardous Waste	\$ _	\$ -	\$ -	\$ -	\$ -
25	Container Maintenance	\$ 1.14	\$ 1.17	\$ 1.20	\$ 1.23	\$ 1.27
26	Roadside Cleanup	\$ 0.81	\$ 0.83	\$ 0.85	\$ 0.87	\$ 0.89
27	Administration	\$ 26.15	\$ 26.92	\$ 27.72	\$ 28.54	\$ 29.38
28	Total Monthly Fee per Container	\$ 31.31	\$ 32.17	\$ 33.06	\$ 33.98	\$ 34.93
29	Collection Cost					
30	Dumpsters					
31	# of Annual Refuse Collections	110,018	111,119	112,230	113,352	114,486
32	Rear-Load to Cart Collection Factor	3.00	3.00	3.00	3.00	3.00
33	Total Collections w/Collection Factor	 330,055	333,356	336,689	340,056	343,457
34	Cart Counts					
35	Total Refuse Cart Collections	69,003	69,693	70,389	71,093	71,804
36	Total # of Collections	399,058	403,048	407,079	411,150	415,261
37	Fee per Collection	\$ 2.64	\$ 2.69	\$ 2.73	\$ 2.78	\$ 2.83
38	Disposal Costs					
39	Disposal					
40	Cubic Yards of Capacity (Annual)	327,375	330,648	333,955	337,294	340,667
41	Fee per Cubic Yard	\$ 0.84	\$ 0.86	\$ 0.87	\$ 0.89	\$ 0.90

Year 1							1
Container	Per Week		MONTH	ILY	,		1
Size	Frequency	Container	Collection		Disposal	Total]
2	1	\$ 93.92	\$ 34.32	\$	7.32	\$ 135.56	2
3	1	\$ 93.92	\$ 34.32	\$	10.97	\$ 139.22	3
96 Gallon	1	\$ 31.31	\$ 11.44	\$	1.74	\$ 44.49	0.48
192 Gallon	1	\$ 31.31	\$ 11.44	\$	3.48	\$ 46.22	0.95
288 Gallon	1	\$ 31.31	\$ 11.44	\$	5.22	\$ 47.96	1.43
2	2	\$ 93.92	\$ 68.64	\$	14.63	\$ 177.19	2
3	2	\$ 93.92	\$ 68.64	\$	21.95	\$ 184.51	3
96 Gallon	2	\$ 31.31	\$ 22.88	\$	3.48	\$ 57.66	0.48
192 Gallon	2	\$ 31.31	\$ 22.88	\$	6.96	\$ 61.14	0.95
288 Gallon	2	\$ 31.31	\$ 22.88	\$	10.43	\$ 64.62	1.43
2	3	\$ 93.92	\$ 102.95	\$	21.95	\$ 218.83	2
3	3	\$ 93.92	\$ 102.95	\$	32.92	\$ 229.80	3
96 Gallon	3	\$ 31.31	\$ 34.32	\$	5.22	\$ 70.84	0.48
192 Gallon	3	\$ 31.31	\$ 34.32	\$	10.43	\$ 76.06	0.95
288 Gallon	3	\$ 31.31	\$ 34.32	\$	15.65	\$ 81.27	1.43
2	4	\$ 93.92	\$ 137.27	\$	29.27	\$ 260.46	2
3	4	\$ 93.92	\$ 137.27	\$	43.90	\$ 275.09	3
96 Gallon	4	\$ 31.31	\$ 45.76	\$	6.96	\$ 84.02	0.48
192 Gallon	4	\$ 31.31	\$ 45.76	\$	13.91	\$ 90.98	0.95
288 Gallon	4	\$ 31.31	\$ 45.76	\$	20.87	\$ 97.93	1.43
2	5	\$ 93.92	\$ 171.59	\$	36.58	\$ 302.10	2
3	5	\$ 93.92	\$ 171.59	\$	54.87	320.39	3
96 Gallon	5	\$ 31.31	\$ 57.20	\$	8.69	\$ 97.20	0.48
192 Gallon	5	\$ 31.31	\$ 57.20	\$	17.39	\$ 105.89	0.95
288 Gallon	5	\$ 31.31	\$ 57.20	\$	26.08	\$ 114.59	1.43
2	6	\$ 93.92	\$ 205.91	\$	43.90	343.73	2
3	6	\$ 93.92	\$ 205.91	\$	65.85	365.68	3
96 Gallon	6	\$ 31.31	\$ 68.64	\$	10.43	110.38	0.48
192 Gallon	6	\$ 31.31	\$ 68.64	\$	20.87	\$ 120.81	0.95
288 Gallon	6	\$ 31.31	\$ 68.64	\$	31.30	\$ 131.24	1.43

			FY 2	FY 2022														
Container Size				Collect	ions	per Week												
(Cubic Yards)	1	2		3		4	5	6										
2	\$ 135.56	\$ 177.19	\$	218.83	\$	260.46	\$ 302.10	\$ 343.73										
3	\$ 139.22	\$ 184.51	\$	229.80	\$	275.09	\$ 320.39	\$ 365.68										
96 Gallon	\$ 44.49	\$ 57.66	\$	70.84	\$	84.02	\$ 97.20	\$ 110.38										
192 Gallon	\$ 46.22	\$ 61.14	\$	76.06	\$	90.98	\$ 105.89	\$ 120.81										
288 Gallon	\$ 47.96	\$ 64.62	\$	81.27	\$	97.93	\$ 114.59	\$ 131.24										

Year 2								
Container	Per Week			MON	ГΗΙ	LY		
Size	Frequency	ntainer	Cd	ollection		isposal	Total	
2	1	\$ 96.52	\$	34.91	\$	7.44	\$ 138.87	2
3	1	\$ 96.52	\$	34.91	\$	11.15	\$ 142.59	3
96 Gallon	1	\$ 32.17	\$	11.64	\$	1.77	\$ 45.58	0.48
192 Gallon	1	\$ 32.17	\$	11.64	\$	3.53	\$ 47.34	0.95
288 Gallon	1	\$ 32.17	\$	11.64	\$	5.30	\$ 49.11	1.43
2	2	\$ 96.52	\$	69.83	\$	14.87	\$ 181.22	2
3	2	\$ 96.52	\$	69.83	\$	22.31	\$ 188.65	3
96 Gallon	2	\$ 32.17	\$	23.28	\$	3.53	\$ 58.98	0.48
192 Gallon	2	\$ 32.17	\$	23.28	\$	7.07	\$ 62.52	0.95
288 Gallon	2	\$ 32.17	\$	23.28	\$	10.60	\$ 66.05	1.43
2	3	\$ 96.52	\$	104.74	\$	22.31	\$ 223.57	2
3	3	\$ 96.52	\$	104.74	\$	33.46	\$ 234.72	3
96 Gallon	3	\$ 32.17	\$	34.91	\$	5.30	\$ 72.39	0.48
192 Gallon	3	\$ 32.17	\$	34.91	\$	10.60	\$ 77.69	0.95
288 Gallon	3	\$ 32.17	\$	34.91	\$	15.90	\$ 82.99	1.43
2	4	\$ 96.52	\$	139.66	\$	29.74	\$ 265.92	2
3	4	\$ 96.52	\$	139.66	\$	44.61	\$ 280.79	3
96 Gallon	4	\$ 32.17	\$	46.55	\$	7.07	\$ 85.79	0.48
192 Gallon	4	\$ 32.17	\$	46.55	\$	14.14	\$ 92.86	0.95
288 Gallon	4	\$ 32.17	\$	46.55	\$	21.21	\$ 99.93	1.43
2	5	\$ 96.52	\$	174.57	\$	37.18	\$ 308.27	2
3	5	\$ 96.52	\$	174.57	\$	55.77	\$ 326.86	3
96 Gallon	5	\$ 32.17	\$	58.19	\$	8.84	\$ 99.20	0.48
192 Gallon	5	\$ 32.17	\$	58.19	\$	17.67	\$ 108.03	0.95
288 Gallon	5	\$ 32.17	\$	58.19	\$	26.51	\$ 116.87	1.43
2	6	\$ 96.52	\$	209.48	\$	44.61	\$ 350.62	2
3	6	\$ 96.52		209.48	\$	66.92	\$ 372.92	3
96 Gallon	6	\$ 32.17	\$	69.83	\$	10.60	\$ 112.60	0.48
192 Gallon	6	\$ 32.17	\$	69.83	\$	21.21	\$ 123.21	0.95
288 Gallon	6	\$ 32.17	\$	69.83	\$	31.81	\$ 133.81	1.43

	FY 2023														
Container Size						Colle	ctic	ons per \	Nee	ek					
(Cubic Yards)		1		2		3		4		5		6			
2	\$	138.87	\$	181.22	\$	223.57	\$	265.92	\$	308.27	\$ 3	350.62			
3	\$	142.59	\$	188.65	\$	234.72	\$	280.79	\$	326.86	\$ 3	372.92			
96 Gallon	\$	45.58	\$	58.98	\$	72.39	\$	85.79	\$	99.20	\$ 3	112.60			
192 Gallon	\$	47.34	\$	62.52	\$	77.69	\$	92.86	\$	108.03	\$ 3	123.21			
288 Gallon	\$	49.11	\$	66.05	\$	82.99	\$	99.93	\$	116.87	\$:	133.81			

Year 3									
Container	Per Week				MON	THI	LY		
Size	Frequency	Со	ntainer	Cd	ollection	D	isposal	Total	
2	1	\$	99.19	\$	35.53	\$	7.56	\$ 142.27	2
3	1	\$	99.19	\$	35.53	\$	11.34	\$ 146.05	3
96 Gallon	1	\$	33.06	\$	11.84	\$	1.80	\$ 46.70	0.48
192 Gallon	1	\$	33.06	\$	11.84	\$	3.59	\$ 48.50	0.95
288 Gallon	1	\$	33.06	\$	11.84	\$	5.39	\$ 50.29	1.43
2	2	\$	99.19	\$	71.05	\$	15.11	\$ 185.36	2
3	2	\$	99.19	\$	71.05	\$	22.67	\$ 192.92	3
96 Gallon	2	\$	33.06	\$	23.68	\$	3.59	\$ 60.34	0.48
192 Gallon	2	\$	33.06	\$	23.68	\$	7.18	\$ 63.93	0.95
288 Gallon	2	\$	33.06	\$	23.68	\$	10.78	\$ 67.52	1.43
2	3	\$	99.19	\$	106.58	\$	22.67	\$ 228.44	2
3	3	\$	99.19	\$	106.58	\$	34.01	\$ 239.78	3
96 Gallon	3	\$	33.06	\$	35.53	\$	5.39	\$ 73.98	0.48
192 Gallon	3	\$	33.06	\$	35.53	\$	10.78	\$ 79.37	0.95
288 Gallon	3	\$	33.06	\$	35.53	\$	16.16	\$ 84.75	1.43
2	4	\$	99.19	\$	142.11	\$	30.23	\$ 271.53	2
3	4	\$	99.19	\$	142.11	\$	45.34	\$ 286.64	3
96 Gallon	4	\$	33.06	\$	47.37	\$	7.18	\$ 87.62	0.48
192 Gallon	4	\$	33.06	\$	47.37	\$	14.37	\$ 94.80	0.95
288 Gallon	4	\$	33.06	\$	47.37	\$	21.55	\$ 101.98	1.43
2	5	\$	99.19	\$	177.64	\$	37.79	\$ 314.61	2
3	5	\$	99.19	\$	177.64	\$	56.68	\$ 333.50	3
96 Gallon	5	\$	33.06	\$	59.21	\$	8.98	\$ 101.26	0.48
192 Gallon	5	\$	33.06	\$	59.21	\$	17.96	\$ 110.24	0.95
288 Gallon	5	\$	33.06	\$	59.21	\$	26.94	\$ 119.22	1.43
2	6	\$	99.19	\$	213.16	\$	45.34	\$ 357.70	2
3	6	\$	99.19		213.16	\$	68.01	380.37	3
96 Gallon	6	\$	33.06	\$	71.05	\$	10.78	\$ 114.89	0.48
192 Gallon	6	\$	33.06	\$	71.05	\$	21.55	\$ 125.67	0.95
288 Gallon	6	\$	33.06	\$	71.05	\$	32.33	\$ 136.45	1.43

			FY 2024			
Container Size			Colle	ections per \	Neek	
(Cubic Yards)	1	2	3	4	5	6
2	\$ 142.27	\$ 185.36	\$ 228.44	\$ 271.53	\$ 314.61	\$ 357.70
3	\$ 146.05	\$ 192.92	\$ 239.78	\$ 286.64	\$ 333.50	\$ 380.37
96 Gallon	\$ 46.70	\$ 60.34	\$ 73.98	\$ 87.62	\$ 101.26	\$ 114.89
192 Gallon	\$ 48.50	\$ 63.93	\$ 79.37	\$ 94.80	\$ 110.24	\$ 125.67
288 Gallon	\$ 50.29	\$ 67.52	\$ 84.75	\$ 101.98	\$ 119.22	\$ 136.45

Year 4									
Container	Per Week				MON	THI	LY		
Size	Frequency	С	ontainer	Co	ollection	D	isposal	Total	
2	1	\$	101.94	\$	36.16	\$	7.68	\$ 145.78	2
3	1	\$	101.94	\$	36.16	\$	11.52	\$ 149.62	3
96 Gallon	1	\$	33.98	\$	12.05	\$	1.83	\$ 47.86	0.48
192 Gallon	1	\$	33.98	\$	12.05	\$	3.65	\$ 49.68	0.95
288 Gallon	1	\$	33.98	\$	12.05	\$	5.48	\$ 51.51	1.43
2	2	\$	101.94	\$	72.32	\$	15.36	\$ 189.62	2
3	2	\$	101.94	\$	72.32	\$	23.04	\$ 197.30	3
96 Gallon	2	\$	33.98	\$	24.11	\$	3.65	\$ 61.74	0.48
192 Gallon	2	\$	33.98	\$	24.11	\$	7.30	\$ 65.39	0.95
288 Gallon	2	\$	33.98	\$	24.11	\$	10.95	\$ 69.04	1.43
2	3	\$	101.94	\$	108.48	\$	23.04	\$ 233.46	2
3	3	\$	101.94	\$	108.48	\$	34.56	\$ 244.98	3
96 Gallon	3	\$	33.98	\$	36.16	\$	5.48	\$ 75.62	0.48
192 Gallon	3	\$	33.98	\$	36.16	\$	10.95	\$ 81.09	0.95
288 Gallon	3	\$	33.98	\$	36.16	\$	16.43	\$ 86.57	1.43
2	4	\$	101.94	\$	144.64	\$	30.72	\$ 277.30	2
3	4	\$	101.94	\$	144.64	\$	46.08	\$ 292.66	3
96 Gallon	4	\$	33.98	\$	48.21	\$	7.30	\$ 89.49	0.48
192 Gallon	4	\$	33.98	\$	48.21	\$	14.60	\$ 96.79	0.95
288 Gallon	4	\$	33.98	\$	48.21	\$	21.90	 104.10	1.43
2	5	'	101.94	\$	180.79	\$	38.40	321.14	2
3	5	\$	101.94	\$	180.79	\$	57.60	340.34	3
96 Gallon	5	\$	33.98	\$	60.26	\$	9.13	103.37	0.48
192 Gallon	5	\$	33.98	\$	60.26	\$	18.25	112.50	0.95
288 Gallon	5	\$	33.98	\$	60.26	\$	27.38	121.62	1.43
2	6	\$	101.94	\$	216.95	\$	46.08	364.98	2
3	6	\$	101.94		216.95	\$	69.12	388.02	3
96 Gallon	6	\$	33.98	\$	72.32	\$	10.95	117.25	0.48
192 Gallon	6	\$	33.98	\$	72.32	\$	21.90	\$	0.95
288 Gallon	6	\$	33.98	\$	72.32	\$	32.85	\$ 139.15	1.43

			FY 2025			
Container Size			Colle	ections per \	Neek	
(Cubic Yards)	1	2	3	4	5	6
2	\$ 145.78	\$ 189.62	\$ 233.46	\$ 277.30	\$ 321.14	\$ 364.98
3	\$ 149.62	\$ 197.30	\$ 244.98	\$ 292.66	\$ 340.34	\$ 388.02
96 Gallon	\$ 47.86	\$ 61.74	\$ 75.62	\$ 89.49	\$ 103.37	\$ 117.25
192 Gallon	\$ 49.68	\$ 65.39	\$ 81.09	\$ 96.79	\$ 112.50	\$ 128.20
288 Gallon	\$ 51.51	\$ 69.04	\$ 86.57	\$ 104.10	\$ 121.62	\$ 139.15

Year 5									
Container	Per Week				MON	ГΗΙ	LY		
Size	Frequency	Co	ontainer	Cd	ollection	D	isposal	Total	
2	1	\$	104.78	\$	36.81	\$	7.80	\$ 149.39	2
3	1	\$	104.78	\$	36.81	\$	11.71	\$ 153.29	3
96 Gallon	1	\$	34.93	\$	12.27	\$	1.85	\$ 49.05	0.48
192 Gallon	1	\$	34.93	\$	12.27	\$	3.71	\$ 50.91	0.95
288 Gallon	1	\$	34.93	\$	12.27	\$	5.56	\$ 52.76	1.43
2	2	\$	104.78	\$	73.62	\$	15.61	\$ 194.01	2
3	2	\$	104.78	\$	73.62	\$	23.41	\$ 201.81	3
96 Gallon	2	\$	34.93	\$	24.54	\$	3.71	\$ 63.18	0.48
192 Gallon	2	\$	34.93	\$	24.54	\$	7.42	\$ 66.88	0.95
288 Gallon	2	\$	34.93	\$	24.54	\$	11.13	\$ 70.59	1.43
2	3	\$	104.78	\$	110.43	\$	23.41	\$ 238.62	2
3	3	\$	104.78	\$	110.43	\$	35.12	\$ 250.33	3
96 Gallon	3	\$	34.93	\$	36.81	\$	5.56	\$ 77.30	0.48
192 Gallon	3	\$	34.93	\$	36.81	\$	11.13	\$ 82.86	0.95
288 Gallon	3	\$	34.93	\$	36.81	\$	16.69	\$ 88.43	1.43
2	4	\$	104.78	\$	147.24	\$	31.22	\$ 283.23	2
3	4	\$	104.78	\$	147.24	\$	46.83	\$ 298.84	3
96 Gallon	4	\$	34.93	\$	49.08	\$	7.42	\$ 91.42	0.48
192 Gallon	4	\$	34.93	\$	49.08	\$	14.84	\$ 98.84	0.95
288 Gallon	4	\$	34.93	\$	49.08	\$	22.26	\$ 106.26	1.43
2	5	\$	104.78	\$	184.04	\$	39.02	\$ 327.85	2
3	5	\$	104.78	\$	184.04	\$	58.54	\$ 347.36	3
96 Gallon	5	\$	34.93	\$	61.35	\$	9.27	\$ 105.55	0.48
192 Gallon	5	\$	34.93	\$	61.35	\$	18.55	\$ 114.82	0.95
288 Gallon	5	\$	34.93	\$	61.35	\$	27.82	\$ 124.10	1.43
2	6	\$	104.78	\$	220.85	\$	46.83	\$ 372.46	2
3	6	\$	104.78	\$	220.85	\$	70.24	\$ 395.88	3
96 Gallon	6	\$	34.93	\$	73.62	\$	11.13	\$ 119.67	0.48
192 Gallon	6	\$	34.93	\$	73.62	\$	22.26	\$ 130.80	0.95
288 Gallon	6	\$	34.93	\$	73.62	\$	33.39	\$ 141.93	1.43

	FY 2026													
Container Size						Colle	cti	ons per \	Nee	ek				
(Cubic Yards)		1		2		3		4		5		6		
2	\$	149.39	\$	194.01	\$	238.62	\$	283.23	\$	327.85	\$ 3	372.46		
3	\$	153.29	\$	201.81	\$	250.33	\$	298.84	\$	347.36	\$ 3	395.88		
96 Gallon	\$	49.05	\$	63.18	\$	77.30	\$	91.42	\$	105.55	\$ 1	L19.67		
192 Gallon	\$	50.91	\$	66.88	\$	82.86	\$	98.84	\$	114.82	\$ 1	L30.80		
288 Gallon	\$	52.76	\$	70.59	\$	88.43	\$	106.26	\$	124.10	\$ 1	L41.93		

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Commercial Roll-Off

Line No.		Year 1 Year 2 FY 2022 FY 2023			Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026		
1	Direct Costs										
2	Roll-Off	\$	316,856	\$	325,163	\$	333,766	\$	342,675	\$	351,901
3	Indirect Costs										
4	Street Sweeping	\$	35,000	\$	35,790	\$	36,608	\$	37,455	\$	38,333
5	Leaf Collection		-		-		-		-		-
6	Household Hazardous Waste		-		-		-		-		-
7	Container Maintenance		12,497		12,932		13,382		13,848		14,332
8	Roadside Cleanup		8,906		9,196		9,497		9,809		10,134
9	Administration		286,152		297,156		308,602		320,505		332,885
10	Subtotal Indirect Costs	\$	342,554	\$	355,073	\$	368,088	\$	381,618	\$	395,684
11	Disposal Costs	\$	123,211	\$	126,475	\$	129,823	\$	133,256	\$	136,776
12	Total Cost of Service	\$	782,621	\$	806,712	\$	831,677	\$	857,549	\$	884,362
13	Estimated Annual Pulls										
14	Charged Standard Roll-Off Pulls		1,800		1,800		1,800		1,800		1,800
15	Compactor pulls		170		170		170		170		170
16	Recycling Pulls		700		700		700		700		700
17	Total Pulls		2,670		2,670		2,670		2,670		2,670
18	Cost per Pull	\$	293.12	\$	302.14	\$	311.49	\$	321.18	\$	331.22

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Drop-Off Recycling

Line No.		Year 1 FY 2022		Year 2 FY 2023		Year 3 FY 2024		Year 4 FY 2025		Year 5 FY 2026
1	Direct Costs									
2	Drop-Off Recycling	\$	85,262	\$ 86,416	\$	87,617	\$	88,868	\$	90,171
3	Indirect Costs									
4	Street Sweeping	\$	9,418	\$ 9,511	\$	9,610	\$	9,713	\$	9,822
5	Leaf Collection		-	-		-		-		-
6	Household Hazardous Waste		-	-		-		-		-
7	Container Maintenance		3,363	3,437		3,513		3,591		3,672
8	Roadside Cleanup		2,396	2,444		2,493		2,544		2,597
9	Administration		77,000	78,972		81,011		83,118		85,298
10	Subtotal Indirect Costs	\$	92,177	\$ 94,364	\$	96,626	\$	98,967	\$	101,390
11	Roll-Off Costs	\$	205,182	\$ 211,497	\$	218,043	\$	224,826	\$	231,855
12	Total Cost of Service	\$	382,621	\$ 392,277	\$	402,286	\$	412,660	\$	423,415
13	Tons		502	502		502		502		502
14	Cost per Ton	\$	63.55	\$ 65.15	\$	66.82	\$	68.54	\$	70.33
15	Households		13,327	13,327		13,327		13,327		13,327
16	Cost per Household per Month	\$	2.39	\$ 2.45	\$	2.52	\$	2.58	\$	2.65

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Over/(Under) Recovery at Current Rates

Line No.		Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
1	Residential Collection & Drop-Off Recycling					
2	Net Revenue Requirement	\$ 2,603,162	\$ 2,665,877	\$ 2,730,724	\$ 2,797,781	\$ 2,867,133
3	Revenue	\$ 2,643,354	\$ 2,642,694	\$ 2,642,694	\$ 2,642,694	\$ 2,642,694
4	Over/(Under) Recovery	\$ 40,192	\$ (23,183)	\$ (88,030)	\$ (155,087)	\$ (224,439)
5	Cumulative Over/(Under) Recovery	\$ 40,192	\$ 17,009	\$ (71,021)	\$ (226,108)	\$ (450,547)
6	Commercial Dumpsters					
7	Net Revenue Requirement	\$ 2,468,699	\$ 2,548,182	\$ 2,630,598	\$ 2,716,056	\$ 2,804,667
8	Revenue	\$ 1,452,135	\$ 1,466,656	\$ 1,481,323	\$ 1,496,136	\$ 1,511,098
9	Over/(Under) Recovery	\$ (1,016,564)	\$ (1,081,525)	\$ (1,149,275)	\$ (1,219,920)	\$ (1,293,569)
10	Cumulative Over/(Under) Recovery	\$ (1,016,564)	\$ (2,098,089)	\$ (3,247,364)	\$ (4,467,284)	\$ (5,760,853)
11	Commercial Roll-Off					
12	Net Revenue Requirement	\$ 577,440	\$ 595,214	\$ 613,634	\$ 632,724	\$ 652,507
13	Revenue	\$ 425,512	\$ 426,664	\$ 427,829	\$ 429,004	\$ 430,192
14	Over/(Under) Recovery	\$ (151,928)	\$ (168,550)	\$ (185,806)	\$ (203,719)	\$ (222,315)
15	Cumulative Over/(Under) Recovery	\$ (151,928)	\$ (320,478)	\$ (506,283)	\$ (710,003)	\$ (932,317)
16	Total Net Revenue Requirement	\$ 5,649,301	\$ 5,809,273	\$ 5,974,956	\$ 6,146,561	\$ 6,324,306
17	Total Revenue	\$ 4,521,001	\$ 4,536,015	\$ 4,551,846	\$ 4,567,835	\$ 4,583,983
18	Total Over/(Under) Recovery	\$ (1,128,300)	\$ (1,273,258)	\$ (1,423,110)	\$ (1,578,726)	\$ (1,740,323)
19	Total Cumulative Over/(Under) Recovery	\$ (1,128,300)	\$ (2,401,558)	\$ (3,824,668)	\$ (5,403,394)	\$ (7,143,717)

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Proposed Rates

		Year 1 FY 2022		Year 2 FY 2023		Year 3 Y 2024	Year 4 FY 2025		Year 5 Y 2026
Residential Cart Service									
\$ Increase		\$ 1.50	\$	1.00	\$	1.00	\$	1.00	\$ -
96 gal cart initial fee	\$ 15.50	\$ 17.00	\$	18.00	\$	19.00	\$	20.00	\$ 20.00
64 gal cart initial fee	\$ 13.50	\$ 15.00	\$	16.00	\$	17.00	\$	18.00	\$ 18.00
32 gal cart initial fee	\$ 11.50	\$ 13.00	\$	14.00	\$	15.00	\$	16.00	\$ 16.00
additional cart collection	\$ 5.00	\$ 7.00	\$	9.00	\$	9.00	\$	9.00	\$ 9.00
Commercial Roll-Off									
\$ Increase		\$ 20.00	\$	20.00	\$	20.00	\$	20.00	\$ -
Standard Roll off	\$ 148.00	\$ 168.00	\$	188.00	\$	208.00	\$	228.00	\$ 228.00
Compactor	\$ 215.00	\$ 235.00	\$	255.00	\$	275.00	\$	295.00	\$ 295.00
Rental Fee (Daily)	\$ 10.00	\$ 10.00	\$	10.00	\$	10.00	\$	10.00	\$ 10.00

Commercial Cart Service

Current Rates

Carts 96 gallons

	Col	lecti	ons Per W	eek	
	1		2		3
1	\$ 15.50	\$	31.00	\$	46.50
2	\$ 20.50	\$	41.00	\$	61.50
3	\$ 25.50	\$	51.00	\$	76.50

\$ Rate Increase FY 2022

Carts 96 gallons

\$ 5.00				
Col	lecti	ons Per W	eek	
1		2		3
\$ 20.50	\$	41.00	\$	61.50
\$ 25.50	\$	51.00	\$	76.50
\$ 30.50	\$	61.00	\$	91.50
\$ \$ \$	Col 1 \$ 20.50 \$ 25.50	Collection 1 \$ 20.50 \$ \$ 25.50 \$	Collections Per W 1 2 \$ 20.50 \$ 41.00 \$ 25.50 \$ 51.00	Collections Per Week 1 2 \$ 20.50 \$ 41.00 \$ \$ 25.50 \$ 51.00 \$

\$ Rate Increase

FY 2023

Carts 96 gallons

>	2.00				
	Col	lecti	ons Per W	eek	
	1		2		3
\$	22.50	\$	45.00	\$	67.50
\$	27.50	\$	55.00	\$	82.50
\$	32.50	\$	65.00	\$	97.50
	\$ \$ \$	Col 1 \$ 22.50 \$ 27.50	Collecti 1 \$ 22.50 \$ \$ 27.50 \$	Collections Per W 1 2 \$ 22.50 \$ 45.00 \$ 27.50 \$ 55.00	Collections Per Week 1 2 \$ 22.50 \$ 45.00 \$ \$ 27.50 \$ 55.00 \$

\$ Rate Increase FY 2024

Carts 96 gallons

	\$ 2.00							
	Col	lecti	ons Per W	eek				
	1		2	3				
1	\$ 24.50	\$	49.00	\$	73.50			
2	\$ 29.50	\$	59.00	\$	88.50			
3	\$ 34.50	\$	69.00	\$	103.50			

\$ Rate Increase FY 2025

Carts 96 gallons

	\$ 2.00							
	Col	lecti	ons Per W	eek				
	1		2	3				
1	\$ 26.50	\$	53.00	\$	79.50			
2	\$ 31.50	\$	63.00	\$	94.50			
3	\$ 36.50	\$	73.00	\$	109.50			

\$ Rate Increase FY 2026

Carts 96 gallons

	Ş	-				
		Col	lecti	ons Per W	eek	
		1		2		3
1	\$	26.50	\$	53.00	\$	79.50
2	\$	31.50	\$	63.00	\$	94.50
3	\$	36.50	\$	73.00	\$	109.50

Commercial Container Service

Current Rates

Cubic Yard Capacity

	Collections Per Week												
		1 2				3		4		5		6	
2	\$	62.00	\$	97.00	\$	146.00	\$	194.00	\$	243.00	\$	291.00	
3	\$	82.00	\$	105.00	\$	158.00	\$	211.00	\$	263.00	\$	316.00	

% Increase

FY 2022

Cubic Yard Capacity

		30.00%													
		Collections Per Week													
	1 2			2		3		4		5	6				
2	\$	81.00	\$	126.00	\$	190.00	\$	252.00	\$	316.00	\$	378.00			
3	\$	107.00	\$	137.00	\$	205.00	\$	274.00	\$	342.00	\$	411.00			

% Increase

FY 2023

Cubic Yard Capacity

	10.00%							
			(Collections	Per	Week		
	1	2		3		4	5	6
2	\$ 89.00	\$ 139.00	\$	209.00	\$	277.00	\$ 348.00	\$ 416.00
3	\$ 118.00	\$ 151.00	\$	226.00	\$	301.00	\$ 376.00	\$ 452.00

% Increase

FY 2024

Cubic Yard Capacity

	10.00%									
			(Collections	Per	Week				
	1	2		3		4	5	6		
2	\$ 98.00	\$ 153.00	\$	230.00	\$	305.00	\$ 383.00	\$	458.00	
3	\$ 130.00	\$ 166.00	\$	249.00	\$	331.00	\$ 414.00	\$	497.00	

% Increase

FY 2025

Cubic Yard Capacity

		10.00%												
	Collections Per Week													
		1		2		3		4		5	6			
2	\$	108.00	\$	168.00	\$	253.00	\$	336.00	\$	421.00	\$	504.00		
3	\$	143.00	\$	183.00	\$	274.00	\$	364.00	\$	455.00	\$	547.00		

% Increase

FY 2026

Cubic Yard Capacity

		0.00%													
	Collections Per Week														
		1		2		3		4		5		6			
2	\$	108.00	\$	168.00	\$	253.00	\$	336.00	\$	421.00	\$	504.00			
3	\$	143.00	\$	183.00	\$	274.00	\$	364.00	\$	455.00	\$	547.00			

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Over/(Under) Recovery at Proposed Rates

Line No.		Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
1	Residential Collection & Drop-Off Recycling					
2	Net Revenue Requirement	\$ 2,603,162	\$ 2,665,877	\$ 2,730,724	\$ 2,797,781	\$ 2,867,133
3	Revenue	\$ 2,954,496	\$ 3,185,676	\$ 3,345,600	\$ 3,505,524	\$ 3,505,524
4	Over/(Under) Recovery	\$ 351,334	\$ 519,799	\$ 614,876	\$ 707,743	\$ 638,391
5	Cumulative Over/(Under) Recovery	\$ 351,334	\$ 871,133	\$ 1,486,009	\$ 2,193,752	\$ 2,832,143
6	Commercial Dumpsters					
7	Net Revenue Requirement	\$ 2,468,699	\$ 2,548,182	\$ 2,630,598	\$ 2,716,056	\$ 2,804,667
8	Revenue	\$ 1,890,456	\$ 2,101,919	\$ 2,333,797	\$ 2,589,020	\$ 2,614,910
9	Over/(Under) Recovery	\$ (578,243)	\$ (446,262)	\$ (296,801)	\$ (127,036)	\$ (189,757)
10	Cumulative Over/(Under) Recovery	\$ (578,243)	\$ (1,024,506)	\$ (1,321,307)	\$ (1,448,343)	\$ (1,638,100)
11	Commercial Roll-Off					
12	Net Revenue Requirement	\$ 577,440	\$ 595,214	\$ 613,634	\$ 632,724	\$ 652,507
13	Revenue	\$ 464,912	\$ 505,464	\$ 546,029	\$ 586,604	\$ 587,792
14	Over/(Under) Recovery	\$ (112,528)	\$ (89,750)	\$ (67,606)	\$ (46,119)	\$ (64,715)
15	Cumulative Over/(Under) Recovery	\$ (112,528)	\$ (202,278)	\$ (269,883)	\$ (316,003)	\$ (380,717)
16	Total Net Revenue Requirement	\$ 5,649,301	\$ 5,809,273	\$ 5,974,956	\$ 6,146,561	\$ 6,324,306
17	Total Revenue	\$ 5,309,864	\$ 5,793,060	\$ 6,225,425	\$ 6,681,148	\$ 6,708,226
18	Total Over/(Under) Recovery	\$ (339,437)	\$ (16,213)	\$ 250,469	\$ 534,587	\$ 383,920
19	Total Cumulative Over/(Under) Recovery	\$ (339,437)	\$ (355,650)	\$ (105,181)	\$ 429,406	\$ 813,326

Bartlesville, Oklahoma Solid Waste Cost of Service and Rate Design Study Reserves at Proposed Rates

Line No.		Year 1 FY 2022	Year 2 FY 2023	Year 3 FY 2024	Year 4 FY 2025	Year 5 FY 2026
1	Fund					
2	Beginning Balance	\$ 1,000,000	\$ 1,066,254	\$ 1,574,145	\$ 880,797	\$ 493,927
3	Additions:					
4	Capital Contributions	\$ 980,691	\$ 980,691	\$ 980,691	\$ 980,691	\$ 980,691
5	Interest	10,000	10,663	15,741	8,808	4,939
6	Over Recovery of Rates	-	-	250,469	534,587	383,920
7	Total Additions	\$ 990,691	\$ 991,354	\$ 1,246,902	\$ 1,524,087	\$ 1,369,550
8						
9	Reductions:					
10	Capital Outlays	\$ (585,000)	\$ (467,250)	\$ (1,940,250)	\$ (1,910,957)	\$ -
11	Under Recovery of Rates	(339,437)	(16,213)	-	-	-
12	Total Reductions	\$ (924,437)	\$ (483,463)	\$ (1,940,250)	\$ (1,910,957)	\$ -
13						
14	Ending Balance	\$ 1,066,254	\$ 1,574,145	\$ 880,797	\$ 493,927	\$ 1,863,477