

**AGENDA**  
CITY OF AUGUSTA  
Utility Rate Work Session  
December 11, 2017  
6:00 P.M.

**A. CALL TO ORDER**

**B. BUSINESS**

**1. ELECTRIC UTILITY EFA RATE ADJUSTMENT PROPOSAL**

Review staff proposal for adjusting electric utility base fees for the purpose of reducing the variable EFA rate on customer's monthly utility bill.

- a) Staff Report
- b) Council Discussion/Direction

**2. SOLID WASTE UTILITY FEE MODEL AND DISCUSSION**

Review fee model for solid waste utility and determine appropriate fee adjustments; discuss rolloff dumpster fee survey results.

- a) Staff Report
- b) Council Discussion/Direction

**3. WATER RATE REVIEW AND DISCUSSION**

Review and discuss water rates and future forecasts, including changes in the Corps O & M fee in the El Dorado water contract.

- a) Staff Report
- b) Council Discussion/Direction

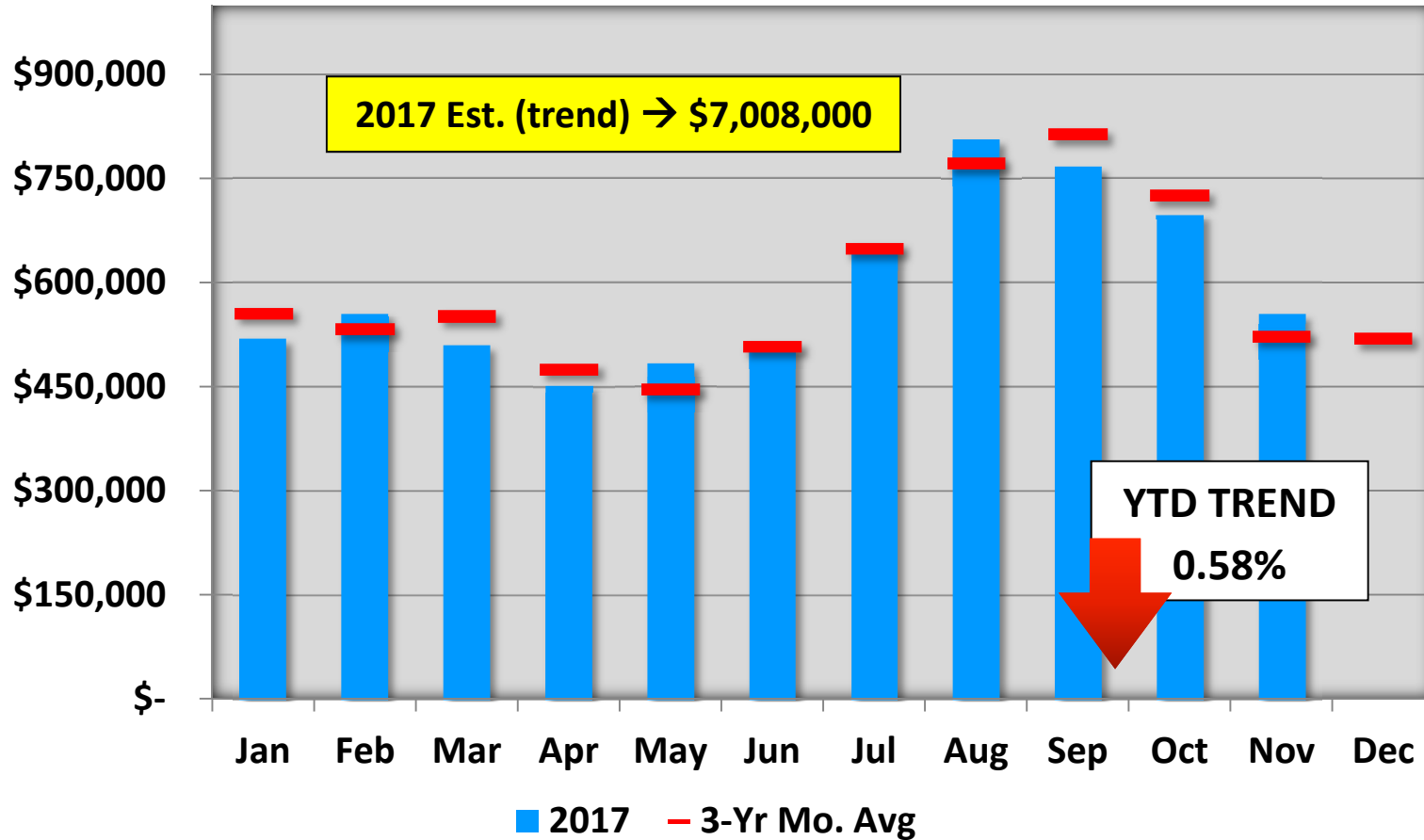
**4. WASTEWATER AND WWTP FEE REVIEW DISCUSSION; UPDATE FORECAST FOR KDHE REVOLVING LOAN**

Review and discuss wastewater rates and WWTP fee forecasts and discuss impact of KDHE loans for sewer basin enhancements.

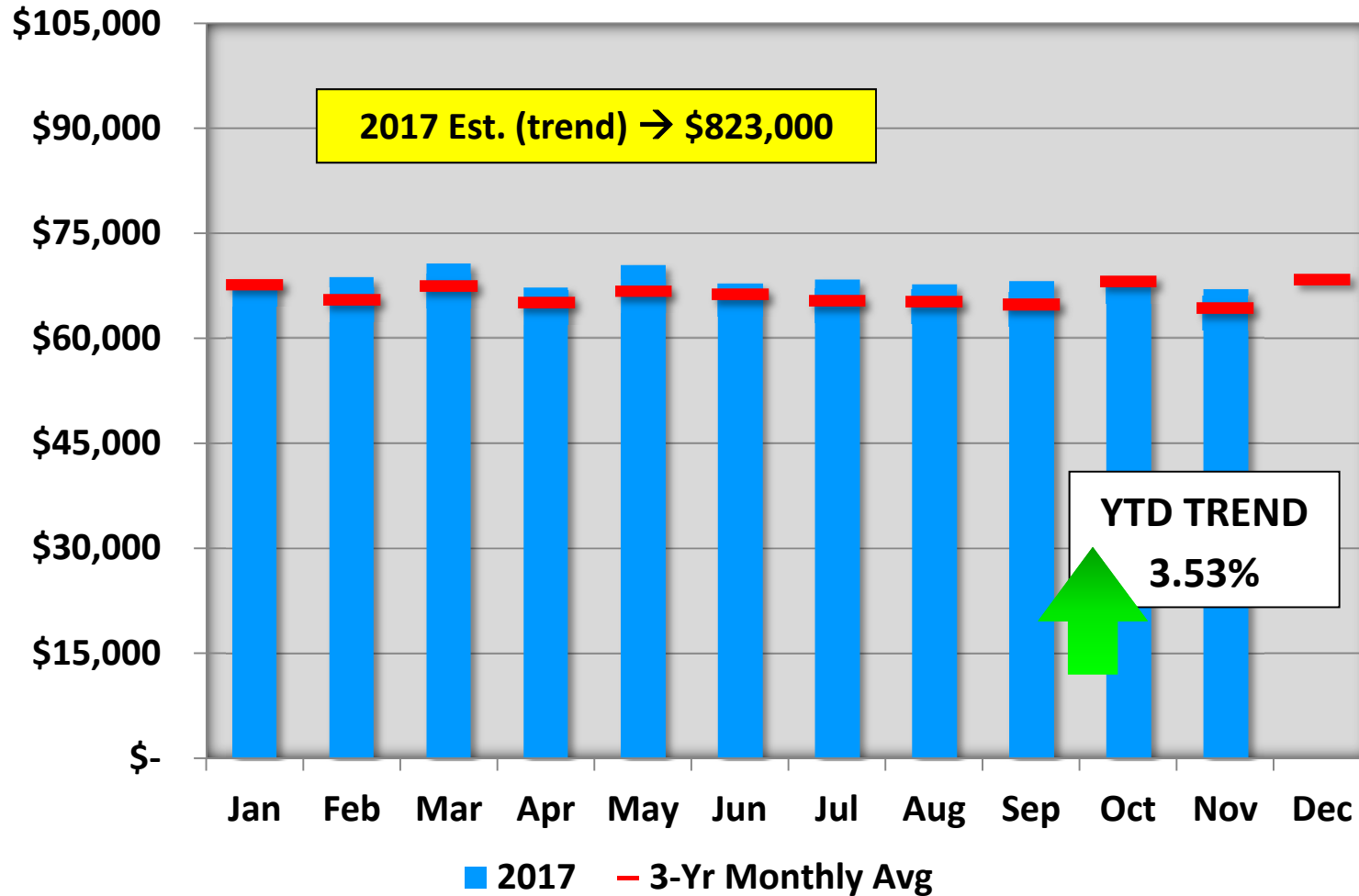
- a) Staff Report
- b) Council Discussion/Direction

**C. ADJOURNMENT**

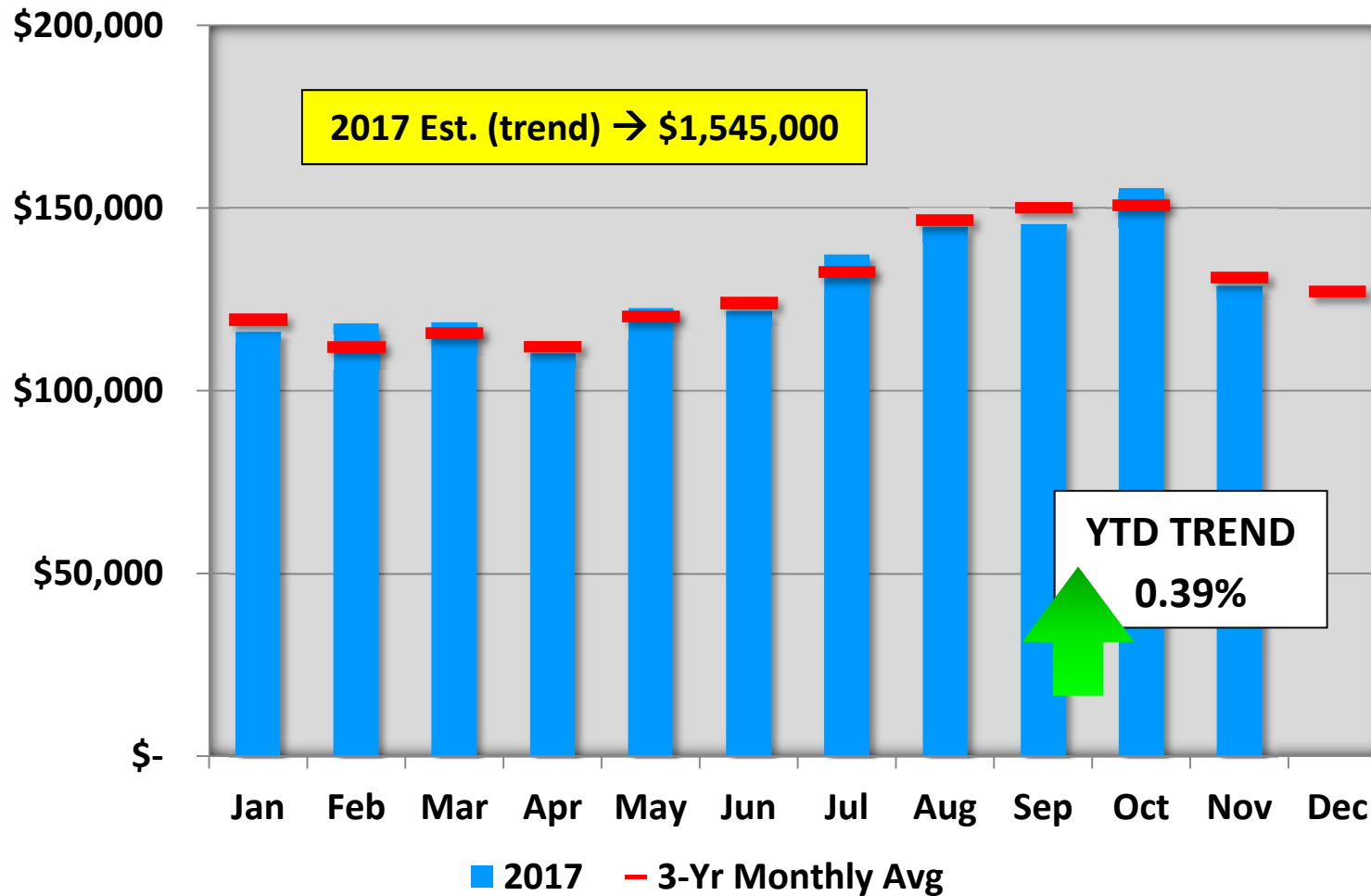
# Monthly Electric Service Fees



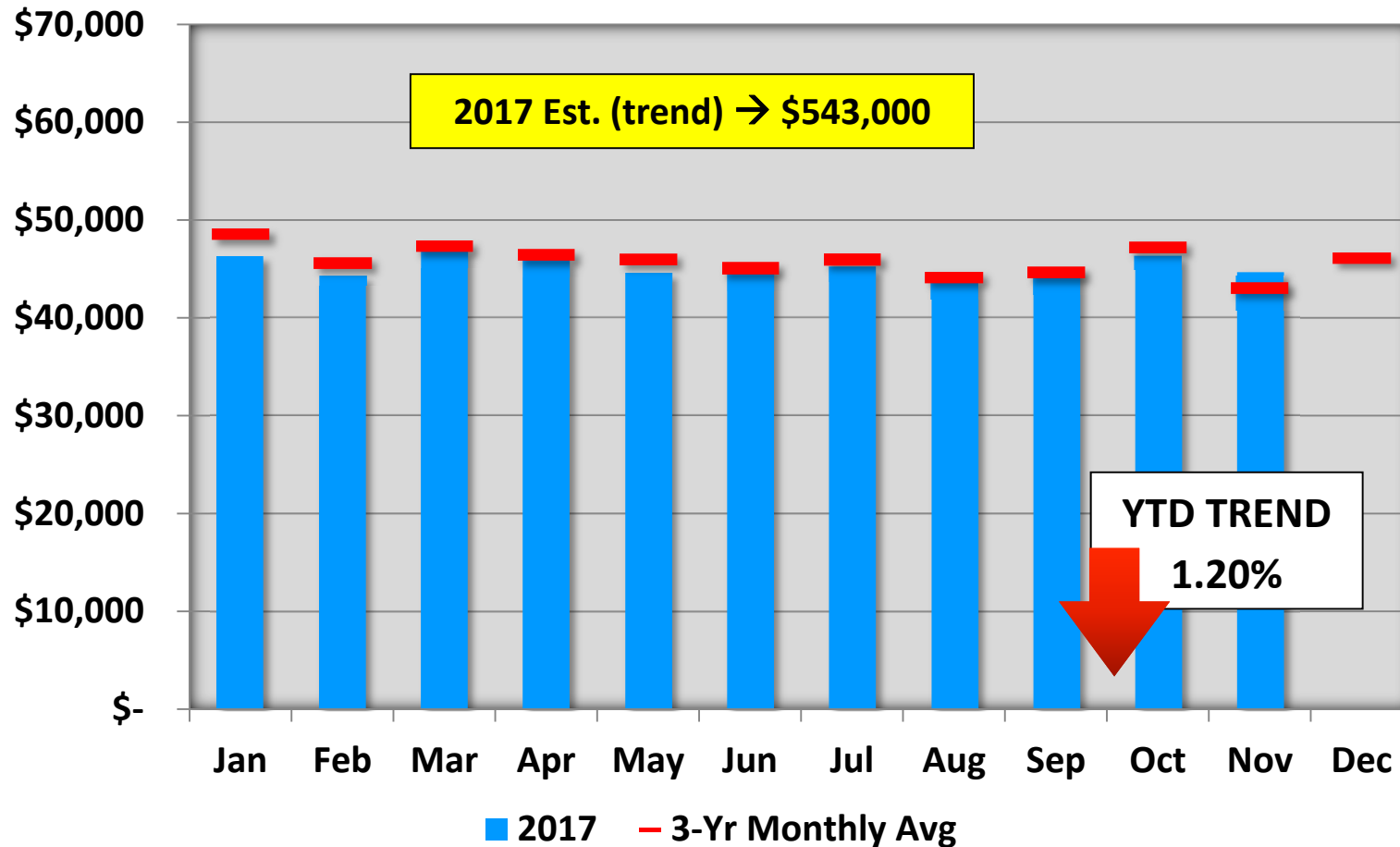
# Monthly Solid Waste Fees



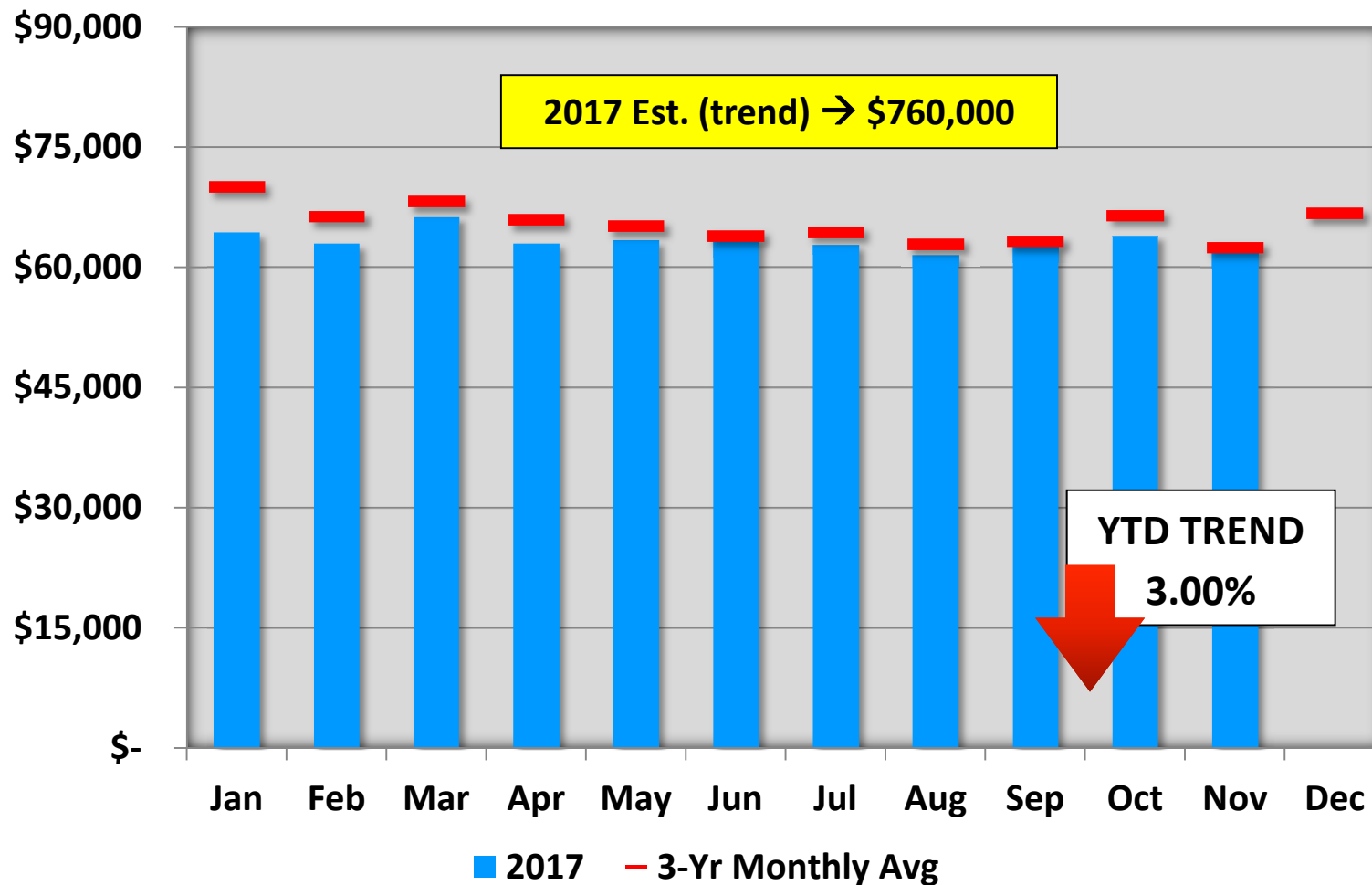
# Monthly Water Service Fees



# Monthly Wastewater Service Fees



# Monthly WWTP Fees



# Current Electric Rate Ordinance

## ARTICLE 3. ELECTRICITY

- 15-301. **ELECTRIC SERVICES.** Any person desiring electric current of the Augusta Municipal Electric Light Plant for any of the services herein set forth, and having made a meter deposit for each service required as provided for herein, shall be entitled to receive electric current for the service required for the premises or fixture designated; provided, that the electric wiring and apparatus in such premises or fixture shall conform and continue to conform to the ordinances of the city, relating to the installation, operation and maintenance of electric wiring and apparatus. The electric metering shall be installed as directed by the electric distribution superintendent. (Code 1975, 20-102, Code 1991, 14-301)
- 15-302. **RIGHT TO DISCONTINUE SERVICE.** The city hereby reserves the right to discontinue service to any or all electric customers, without notice, when same is necessary in the repair of the electric system or any part thereof. (Code 1975, 20-103; Code 1991, 14-302)
- 15-303. **RATES.** The users of electrical current or electrical energy from the municipally owned electric utility of the city shall be classified as follows:
- (a) Residential;
  - (b) Commercial;
  - (c) Power;
  - (d) Commercial and Power services combined.
- The charges under such classified uses of electrical current or electrical energy shall be as stated as hereinafter set forth.  
(Ord. 1310, Sec. 1; Code 1991, 14-303)
- 15-304. **RESIDENTIAL SERVICE.** The Application, character of services and net monthly rate for residential service shall be as follows:
- (a) Application: To provide electric service for all domestic purposes in single family residences and individually metered apartments when supplied at one point of delivery and measured through one watt hour meter.
  - (b) Character of Service: Alternative current at approximately 60 cycles, single phase at such voltage as may be available for the service required.
  - (c) Net Monthly Rate:
    - Base Rate: \$8.00 per month
    - \$0.1055 per kWh for first 500 kWh
    - \$0.1015 per kWh for next 500 kWh
    - \$0.0965 per kWh for all additional kWh
  - (d) Fuel and Energy Cost Adjustment (FECA): The Augusta retail electric rates are based on the total cost of natural gas, diesel and lubricants consumed at the Augusta Power Plants, and for all costs associated with purchased power. The annual average base cost is equivalent to \$0.0471 per Net Kilowatt Hour (KWH) delivered to the Augusta electric system.  
Whenever the monthly average cost of fuel and lubricants plus purchased power differs from the base cost of \$0.0471 per Net KWH, all Augusta billings of the succeeding month shall be increased or decreased accordingly as the actual

cost of fuel and lubricants plus purchased power was above or below the base cost.

The monthly electric usage for all streetlights and traffic lights will be deducted from the calculation of the fuel and energy cost adjustment to assist with covering the costs of these services to the City of Augusta. For the purpose of this calculation, 85,000 kWh will be used as the monthly electric usage for the streetlights and traffic lights.

This fuel and energy cost adjustment (FECA) shall be made each month, and shall apply to each KWH sold.

(Ord. 1937, Sec. 1; Code 2010)

15-305. COMMERCIAL SERVICE. The application, character of service and rates for commercial electric service in the city shall be as follows:

(a) Application : To all electric service supplied to any commercial customer whose entire requirements on the premises are supplied under this rate at one metering point

Base Rate: \$25.00 per month

\$0.1015 per kWh for the first 8,000 kWh

\$0.0895 per kWh for the next 20,000 kWh

\$0.0865 per kWh for all additional kWh

To all electric service supplied to any commercial customer located 1,500 feet or more outside of the city limits using three phase commercial power.

Base Rate: \$200.00 per month

\$0.1015 per kWh for the first 8,000 kWh

\$0.0895 per kWh for the next 20,000 kWh

\$0.0865 per kWh for all additional kWh

(b) Fuel and Energy Cost Adjustment (FECA):

The Augusta retail electric rates are based on the total cost of natural gas, diesel and lubricants consumed at the Augusta Power Plants, and for all costs associated with purchased power. The annual average base cost is equivalent to \$0.0471 per Net Kilowatt Hour (KWH) delivered to the Augusta electric system.

Whenever the monthly average cost of fuel and lubricants plus purchased power differs from the base cost of \$0.0471 per Net KWH, all Augusta billings of the succeeding month shall be increased or decreased accordingly as the actual cost of the fuel and lubricants plus purchased power was above or below the base cost.

The monthly electric usage for all streetlights and traffic lights will be deducted from the calculation of the fuel and energy cost adjustment to assist with covering the costs of these services to the City of Augusta. For the purpose of this calculation, 85,000 kWh will be used as the monthly electric usage for the streetlights and traffic lights.

This fuel and energy cost adjustment (FECA) shall be made each month, and shall apply to each KWH sold.

(Ord. 1999, Sec. 2; Code 2010)

15-306. TOTAL ELECTRIC. The users of electrical current or electrical energy from the municipally owned electric utility of the city, who shall use such electrical energy, to the exclusion of all other power sources, for the source of all heating, air



conditioning, lighting and water heating in any residence, business or commercial establishment shall pay effective January 1, 2007, the following rates for the following time period, as follows:

(a) Net Monthly Rate - Business/Commercial November through May:

Base Rate: \$25.00 per month  
\$0.0860 per kWh

June through October:

Base Rate: \$25.00 per month  
\$0.0860 per kWh for the first 600 kWh  
\$0.0910 per kWh for all additional kWh

(b) Net Monthly Rate - Residential November through May:

Base Rate: \$8.00 per month  
\$0.0860 per kWh

June through October:

Base Rate: \$8.00 per month  
\$0.0860 per kWh for the first 600 kWh  
\$0.0910 per kWh for all additional kWh

Provided, that prior to the application of the above rates any user shall make application to the City Clerk and upon inspection of facilities and acceptance thereof by the City, the rates and charges herein above fixed shall apply so long as the facilities, as to power sources, shall remain the same as of the time of the original inspection; but at such time as such power sources shall change or the connected load shall exceed that herein above set forth, the rates above set forth shall no longer apply.

(c) Fuel and Energy Cost Adjustment (FECA)

The Augusta retail electric rates are based on the total cost of natural gas, diesel and lubricants consumed at the Augusta Power Plants, and for all costs associated with purchased power. The annual average base cost is equivalent to \$0.0471 per Net Kilowatt hour (KWH) delivered to the Augusta electric system.

Whenever the monthly average cost of fuel and lubricants plus purchased power differs from the base cost of \$0.0471 per net KWH, all Augusta billings of the succeeding month shall be increased or decreased accordingly as the actual cost of fuel and lubricants plus purchased power was above or below the base cost.

The monthly electric usage for all streetlights and traffic lights will be deducted from the calculation of the fuel and energy cost adjustment to assist with covering the costs of these services to the City of Augusta. For the purpose of this calculation, 85,000 kWh will be used as the monthly electric usage for streetlights and traffic lights.

This fuel and energy cost adjustment (FECA) shall be made each month, and shall apply to each kWh sold. (Ord. 1999; Code 2010)

15-307. CONNECT FEE. The governing body shall establish, by resolution, a fee for each connection to the electrical and water utilities operated by the city for those customers who are currently connected to the system, who have no past due balances with their account in good standing and wish to have their service relocated to another address within the utility system. For those customers who do not currently have connections to the utility system the fee is hereby established in the sum established from time to time by Resolution of the Governing Body of the

City of Augusta, Kansas for each connection to the electrical and water utilities operated by the city. Such fee shall be payable each time the electrical or water utility is reconnected at the request of the customer. (Ord. 1849, Sec. 2; Code 2010)

15-308.

**ELECTRIC TRANSFORMER AND SERVICE CONNECTION FEES.** (a) The City shall supply and install the transformer and associated materials which are necessary to provide electric service for all new residential, commercial and industrial customers. For underground service, the developer or customer shall be responsible for trenching and the installation of conduit according to city specifications. The City will be responsible for supplying the meter can to the electrician except that the City shall retain and install the meter can for three phase pad mount transformers. The City shall charge an Electric Transformer Fee to assist in the payment of the expenses associated with the provision of electric service to the customer. The Electric Transformer Fee shall be paid to the City at the time the required building permits are issued by the Building Department.

(b) Fees for all overhead and underground three phase service shall be calculated based on the cost to the City for the transformer and associated materials. The City shall work with the customers to identify the amperage load and size of transformer. They city will also document to the customer the cost of the transformers and associated materials.

(c) Single Phase Electric Transformer and Service Connection fees shall be established from time to time by Resolution of the Governing Body for the City of Augusta, Kansas.

(d) Fees for all overhead to underground service conversions shall be calculated on the actual cost of associated wire and materials to the city. The customer shall be responsible for the conduit and installation of the conduit from the meter can to the transformer pad or utility pole. Conduits shall be installed by a licensed electrician in accordance with the most recently adopted National Electric Codes and any local amendments.

(e) For an upgrade of an existing service over 200 amps single phase which requires a new transformer, the customer will receive a credit for the existing transformer and pay the difference between the two transformer costs.

(f) Connection of the overhead service cable to the customer shall be at the service mat or attachment point on the house as applicable. Installation of the meter can, service mast, attachment point and electrical cable from the meter can to the weather head/attachment point shall be installed by a licensed electrician in accordance with the most recently adopted National Electric Codes and any local amendments.

(g) The City retains ownership of all transformers, meters, meter cans and service drop cable or service lateral cable. (Ord. 1941; Code 2010)

## Current Solid Waste Rate Ordinance

(Summary Published in the Butler County Times-Gazette  
on the 26<sup>th</sup> Day of September, 2015)

THE CITY OF AUGUSTA, KANSAS

ORDINANCE NO. 2088

AN ORDINANCE AMENDING ARTICLE 5, CHAPTER 15  
OF THE CODE OF THE CITY OF AUGUSTA, KANSAS  
2010 AND REPEALING ALL OTHER CONFLICTING  
ORDINANCES AND/OR PARTS THEREOF.

BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF AUGUSTA,  
KANSAS:

SECTION 1: Article 5 of Chapter 15 of the Code of the City of Augusta, 2010, is hereby renamed "Solid Waste".

SECTION 2: Article 5 of Chapter 15 of the Code of the City of Augusta, 2010, is hereby amended to read as follows:

15-501. DEFINITIONS. For the purpose of this article, the following definitions shall apply:

(a) Approved Containers - shall mean the 96 gallon poly carts, numbered, and provided by the city, dumpsters provided by the city, and roll-off containers provided by or approved by the city prior to usage.

(b) Collection Point - Shall mean the gutter pan or in the parking area directly in front of the dwelling or establishment or where the solid waste division deems necessary for the collection of refuse

(c) Construction and demolition waste - shall mean solid waste resulting from the construction, remodeling, repair and demolition of structures, roads, sidewalks and utilities. Such wastes include, but are not limited to, bricks, concrete, and other masonry materials, roofing materials, soil, rock, wood, wood products, wall or floor coverings, plaster, drywall, plumbing fixtures, electrical wiring, electrical components containing no hazardous materials, non-asbestos insulation and construction-related packaging.

(d) Contractor - shall mean a person with whom the city has a contract to collect and dispose of refuse and garbage.

(e) Dwelling unit - shall mean and include a room or group of rooms within a building or structure forming a single habitable unit with facilities which are used or intended to be used for living, sleeping, cooking and eating. The term "dwelling unit" shall include each living unit within an

apartment house, each apartment within a private home, each individual mobile home within a mobile home park or subdivision, and each living unit within a duplex, triplex or other structure designed for multi-family in separate living units.

(f) Garbage - shall mean the solid or semisolid animal and vegetable waste resulting from the handling, preparation, cooling and serving of foods, including cans, bottles and cartons in which it was received and wrapping in which it may be placed for disposal.

(g) Hazardous Waste - shall mean waste under the jurisdiction of the secretary of the state department of health and environment pursuant to K.S.A. 65-3430—65-3447. Such waste shall include but not be limited to explosive materials, rags or other waste soaked in volatile and flammable materials, drugs, poisons, radioactive materials, highly combustible material and/or other wastes, contaminated by infection or contagious disease, and other materials which may represent a special hazard to collection or disposal personnel or equipment or to the public.

(h) Person - shall mean any individual, firm, association, syndicate, copartnership, corporation, trust, other legal entity having proprietary interest in a premise, or other legal entity having responsibility for an act.

(i) Refuse - shall mean all garbage, recyclables and solid waste from residential, commercial or industrial premises. It shall include semi-liquid or wet wastes with insufficient moisture and other liquid contents to be free flowing. It shall not include, except for minor amounts incidental to other wastes, any refuse resulting from building evacuation, demolition, or remodeling work, or any construction work, nor shall it include stumps, grass clippings, yard waste, limbs, tree trunks, tree trimmings, and limbs, or the tree trimmings resulting from the cutting down, or the topping of any tree, regardless of who performs the work, nor shall it include refuse resulting from tornado, cyclone, extreme windstorms, ice storms, flood or other act of God, or the burning of any building.

(j) Recyclable - shall mean any refuse designated from time to time by the governing body and of the city, by ordinance as being a recyclable material for purposes of separate disposal and collection

The City of Augusta, by ordinance may limit or extend these definitions and may give interpretations to words or phrases.

15-502.

**DUTY TO REQUEST SERVICE.** To assist in maintaining the general sanitation of the city, it shall be the duty of every person occupying or having control of the occupancy of any premises located on a regularly established garbage and refuse route to notify the city clerk of the city at the beginning of such occupancy and request, accept and use the garbage and refuse pickup and collection service; provided, that the failure of any owner, rental agent or occupant of such premises to make such request shall not prevent nor in any way impair or impede the city from adding the address of such premises to the proper garbage and refuse collection route records and providing such

service and otherwise enforcing by appropriate action the regulatory measures herein prescribed and causing the fees or charges therefore to be paid. (Code 1975, 14-109; Code 1991, 14-509)

- 15-503.       **COLLECTION; REFUSE, GARBAGE BY CITY.** All refuse and garbage accumulated within the city shall be collected, conveyed and disposed of by the city or by the employees of the city or by contractors specifically authorized by the city to collect and dispose of refuse and garbage or by persons collecting and disposing of their own refuse and garbage. The city is not responsible for any damages that may be caused to private property by the delivery, use, or retrieval of any container.
- 15-504.       **CONTRACTS.** The governing body of the city shall have the right to enter into a contract with any responsible person or persons; provided, that the contractor shall collect and dispose of all, or any part of refuse or recycling, within the city, the terms of the contract to be arranged and determined by the governing body of the city and the contract to be awarded to a responsible person or persons after proper negotiation; provided further, that the contract for the collection and disposal of refuse as herein defined shall in no way conflict with the terms and conditions of this article.
- 15-505.       **AUTHORIZED PERSONS.** Nothing elsewhere contained in this article shall be construed as prohibiting other city departments, construction contractors, tree surgeons, roofers and other private contractors, whose operations result in the accumulations of refuse, from hauling and disposing of accumulations of garbage and refuse resulting from their own operations; provided, that they shall at all times comply with the regulations and provisions of this article.
- 15-506.       **ACCUMULATION; STORAGE OF REFUSE; GARBAGE AND RECYCLING.** It shall be the duty of every person owning, managing, operating, leasing, renting to at all times maintain in good order and repair, on any premises an approved collection container or containers for refuse storage of sufficient capacity and of sufficient numbers to accommodate and securely hold all of the garbage and refuse that may accumulate between regular scheduled collection. Garbage and refuse shall be accumulated and handled for pickup or transported as follows, to wit:
- (a) All refuse and garbage shall be bagged and placed in approved containers with the lids closed tight. All recyclables shall be placed in an approved container and shall not be bagged. Any refuse or recyclables which are not in an approved container will not be picked up.
- (b) The 96 gallon poly carts shall be stored behind the front building setback when not placed for pickup. Any person who fails to remove the cart(s) from the collection point and return it to behind the front set back on their private property the day of collection may be cited and a notice to

appear may be issued if not abated. Dumpster or roll-off containers will be placed in a suitable location, determined in consultation with the city's solid waste division, which is readily accessible to city collection vehicles and to maintain access for city collection vehicles.

(c) Standard maintenance of the physical condition of the approved container due to normal usage will be performed by the city. The user shall be responsible for the cleaning and storage of the approved container and ensuring the approved container shall retain all lids in operational condition. If an approved container is damaged due to abuse, placement of hazardous materials, or extremely heavy materials within the container, the user will be charged for the replacement of the container at a cost set by the governing body by resolution.

(d) In the event that the approved container is lost or stolen, the resident will notify the police department and file a stolen property report. Upon the filing of such report, the container will be replaced at no additional cost.

(e) The users or responsible party shall maintain the area surrounding the collection point and the approved container in a clean, neat sanitary condition at all times.

(f) Approved containers shall only be used for the collection of refuse as described herein. All other uses are strictly prohibited. Privately owned containers shall not be used with city owned refuse trucks unless the container is a roll-off or compactor style container approved by the city.

(g) It shall be unlawful for any person to:

(1) Burn garbage anywhere in the city;

(2) Burn any substance in an approved container which is used as a refuse receptacle;

(3) Permit refuse to be accumulated on, buried in or upon any private premises or public grounds of the city, except as refuse may be accumulated, made ready for collection and disposed of as provided in this chapter;

(4) Permit refuse to be accumulated in a manner or quantity that, in the opinion of the City, constitutes a health or fire hazard;

(5) Sweep, deposit or place any refuse or debris in the streets, alleys, gutters or public right of ways of the city or into any open place on such premises;

(6) Deposit refuse in any approved container other than that under his or her control and then only refuse which is generated at such person's premise or business;

(7) Deposit in any approved container any hazardous waste. Hazardous waste shall be transported by the owner, responsible person or his or her agent, to a place of safe deposit or disposal as prescribed by the solid waste division;

(8) Haul or convey refuse over the streets, alleys or public right of ways of the city except in a vehicle with a covering or in a covered receptacle or otherwise so confined that refuse cannot escape

therefrom or be scattered upon the streets, alleys or public right of ways of the city;

(9) Interfere in any manner with employees of the city in the performance of their duties under this chapter.

15-507. **COLLECTION; GARBAGE, REFUSE, RECYCLING.** The city, or its authorized contractor, shall collect from the residential customers of the city and from the designated commercial customers and all food establishments of the city, not less than once weekly or as deemed necessary by the solid waste division. It shall be the duty of any person in possession or in control of any premises to make available for collection all garbage and refuse as follows, to wit:

(a) 96 Gallon Poly Cart Garbage and Recycling Customers. Approved containers shall be placed at the curb or other approved collection point as deemed necessary by the solid waste division with at least 3 feet of separation between them, and clear of trees, shrubs, mailboxes, parked vehicles, etc. If the yard grade is too steep for the approved containers to stand upright they may be placed in the curb and gutter pan. Approved containers should be facing the street with the lid fully closed. Approved containers shall be placed at the curb between 5 p.m. the day before collection and 6 a.m. the day of collection.

(b) Recycling Customers. It shall be unlawful for any person to cause, allow or permit any material or matter whatsoever other than recyclables to be deposited in any approved collection container designated for the collection of recyclables. If non-recyclables are found in recycling container than the customer will have to remove the recyclables or will need to pay an additional pick up fee. Recyclables shall be prepared by the customer for collection in accordance with city requirements.

15-508. **CHARGES; COLLECTION; DISPOSAL.** The City in providing the service of collecting and disposing of all refuse and garbage accumulated within the City for the purpose of preventing unsanitary, unsightly, hazardous, unhealthful and dangerous conditions caused by the accumulation of garbage and refuse, hereby establishes the following service charges, rates and/or fees to defray the cost and maintenance of service and to pay any person contracting with the City for the collection and disposal by the contractor for the collection and disposal thereof. It is the duty of the customer to notify the Utility Billing Office of any changes to their collection services.

(a) There shall be a charge, assessed and collected from each poly cart customer within the City the sum of \$14.50 per month.

(b) There shall be a charge, assessed and collected from each occupant of a residential unit within a multi-unit dwelling in the City the poly cart rate of \$14.50 per month, unless one of the following apply:

(1) If the property owner chooses to pay for said collection and disposal instead of allowing the occupants, who pay separate utilities, to

The \$14.50 rate was established in 2012 to build up cash reserves to assist with the purchase of the new solid waste fleet.

pay the residential rate, then the property owner will be responsible for the residential rate of \$14.50 per month multiplied by the number of residential units for the property.

(2) If the property owner pays all utilities for the residential units on the property, then the property owner may elect to pay the commercial dumpster rate listed in section (e) of this section based on the size of the dumpster and number of pickups necessary in lieu of the residential rate multiplied by the number of residential units for the property as set forth in subpart (1) above.

(c) If a multi-unit dwelling has six (6) or more residential units that receive separate bills for city utilities (water, sewer, or electric), then when practical the City of Augusta may provide a dumpster in lieu of poly carts for the property at no additional charge to the property owner and/or the occupant(s).

(d) Up to one additional poly cart may be requested by customers for an additional monthly charge to be set by the governing body by resolution.

(e) Dumpster customers will be charged the following monthly fees based on the size of the dumpster and the number of weekly pickups.

<b>Collections Per Week</b>					
<b>Dumpster Size</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>2 Yards</b>	\$105.00	\$133.00	\$161.00	\$189.00	\$217.00
<b>3 Yards</b>	\$129.00	\$171.00	\$213.00	\$255.00	\$297.00
<b>4 Yards</b>	\$153.00	\$208.00	\$263.00	\$318.00	\$373.00
<b>6 yards</b>	\$201.00	\$284.00	\$367.00	\$450.00	\$533.00

(f) The City will charge, assess and collect 125 percent of the above-stated charges, rates and/or fees from residential and/or commercial customers located outside of the corporate limits of the City of Augusta, Kansas.

15-509.

**COMMERCIAL DUMPING AT COMPOST/LIMB SITE.** (a) All Commercial Businesses operating within the City of Augusta that include Tree Services and/or Mowing Services will be required to obtain a permit to allow for the dumping of grass clippings, yard waste, and limbs at the City compost/limb site during its normal hours of operation. Permits will be monitored by City of Augusta employees at the compost/limb site.

(b) USD 402 will not be required to obtain a permit allowing the dumping grass clippings, yard waste, and limbs a the City compost/limb site as long as they do not hire commercial operators for these types of services. (Ord. 1998; Code 2010)



15-510. SAME; PERMIT. Permits can be purchased at the Community Development Office located in City Hall at 113 East 6<sup>th</sup> Avenue. The permit fee shall be established from time to time by Resolution of the Governing Body of the City of Augusta, Kansas. Permits will be valid from the date of purchase until December 31<sup>st</sup> if the year of purchase. Permit fees will not be pro-rated based on the date of purchase. (Ord. 1998; Code 2010)

15-511 **ROLL-OFF CONTAINER SERVICES.** The city may provide roll-off containers for customers who elect to use them. The fees shall be established by resolution of the governing body. The city is not responsible for any damages that may be caused to private property by the delivery, use, or retrieval of any container whether or not the container is city owned.

15-512 **BULKY ITEM PICKUP.** Bulky items such as furniture and appliances that cannot be reduced to fit approved containers will not be collected by routine collection as provided herein but the same could be collected by the city, or by persons acting under the authority or by contract with such city upon notification by any person or persons that such items are to be collected. A fee established by resolution of the governing body shall be charged for such collection. All Items to be collected shall be placed at the curb or at another collection point as deemed necessary by the solid waste division. The city is not responsible for any damages done to private property as a result of the bulky item pickup.

15-513 **AUTHORITY OF CITY MANAGER.** The city manager shall have the authority to establish policies, rules and regulations regarding the operation of the city's solid waste collection and disposal activities which are not inconsistent with the provisions of this chapter or with any other adopted ordinances or policies of the governing body. The city manager shall also have the authority to establish from time to time additional solid waste collection services for items not included as part of the city's regular services, including the right to modify and suspend such services and the terms and conditions thereof, all as the staffing and resources of the city may permit; provided, however, that the rates for any such services must be approved by the governing body by resolution.

SECTION 3. Article 5 of Chapter 15 of the Code of the City of Augusta, 2010 as it existed prior to this amendment is hereby repealed and set aside. All other ordinances and/or parts of other ordinances in conflict herewith are repealed.

SECTION 4. This ordinance shall take effect on September 28, 2015 after its publication in the official City newspaper.

Adopted by the City Council this 21<sup>st</sup> day of September, 2015.

Approved by the Mayor this 21<sup>st</sup> day of September, 2015.

/s/Matt C. Childers, Mayor

(SEAL)

ATTEST:

/s/Erica L. Jones, City Clerk

**Current Water Rate Ordinance**

ORDINANCE NO. 2059

AN ORDINANCE ESTABLISHING RATES AND CHARGES FOR WATER AND WATER SERVICES OF THE MUNICIPALLY OWNED AND OPERATED WATER UTILITY OF THE CITY OF AUGUSTA; CLASSIFYING THE USERS OF SUCH WATER AND WATER SERVICES PROVIDING FOR THE EFFECTIVE DATE FOR SUCH RATES AND CHARGES AND AMENDING CHAPTER 15, ARTICLE 2, SECTION 220, OF THE CODE OF THE CITY OF AUGUSTA 2010; AND REPEALING ORDINANCE NUMBERS 1985 AND 2024 OF THE CITY OF AUGUSTA, KANSAS.

Be it ordained by the Governing Body of the City of Augusta, Kansas:

Section One: Section 220 of Article 2, Chapter 15 of the Code of the City of Augusta, Kansas 2010 shall be amended to read as follows:

RATES. The rates charged for water received from the municipal water system of the City shall be as follows:

(a) Rates; Within City. The rates for water used within the city shall be as follows:

Base charge, per month	\$13.15
1 to 10,000 gallons	\$3.90 per thousand (1,000) gallons
10,001 to 20,000 gallons	\$4.15 per thousand (1,000) gallons
20,001 to 50,000 gallons	\$4.40 per thousand (1,000) gallons
Over 50,000 gallons	\$4.65 per thousand (1,000) gallons

Current base charge is \$14.37 per mo. as of December 11, 2017

(b) Rates; Outside City. The rates for water used outside the City shall be as follows:

Base charge, per month	\$14.40
1 to 10,000 gallons	\$4.10 per thousand (1,000) gallons
10,001 to 20,000 gallons	\$4.35 per thousand (1,000) gallons
20,001 to 50,000 gallons	\$4.60 per thousand (1,000) gallons
Over 50,000 gallons	\$4.85 per thousand (1,000) gallons

(c) Annual Base Rate Escalator. The base charge will be increased annually on July 1<sup>st</sup>, beginning in 2015, by three percent (3%).

Section Two: That the rates and charges, including the minimum charges set forth above, shall become effective and apply to all water and water services billed on or after July 1, 2014.

Section Three: This ordinance shall take effect and be in force after its publication in the official City newspaper.

Passed by the Governing Body of the City of Augusta, Kansas, on the 2<sup>nd</sup> day of June, 2014.

*Kristey Williams*  
Kristey Williams, Mayor



ATTEST:

*Erica L. Jones*  
Erica L. Jones, City Clerk

## Current Sewer Rate Ordinance

(Summary Published in the Butler County Times-Gazette  
on the 22nd day of November, 2014.)

THE CITY OF AUGUSTA, KANSAS

ORDINANCE NO. 2072

AN ORDINANCE ESTABLISHING RATES AND CHARGES FOR WASTEWATER AND SEWER SERVICES OF THE MUNICIPALLY OWNED AND OPERATED WASTEWATER UTILITY OF THE CITY OF AUGUSTA; CLASSIFYING THE USERS OF SUCH WASTEWATER AND SEWER SERVICES; PROVIDING FOR THE EFFECTIVE DATE FOR SUCH RATES AND CHARGES; AMENDING SECTION 442 OF CHAPTER 15, ARTICLE 4 OF THE CODE OF THE CITY OF AUGUSTA, 2010 AND REPEALING ALL ORDINANCES AND PARTS OF ORDINANCES OF THE CITY OF AUGUSTA, KANSAS IN CONFLICT HEREWITH.

BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF AUGUSTA, KANSAS.

SECTION 1. AMENDMENT. Section 442 of Article 4, Chapter 15 of the Code of the City of Augusta, Kansas, 2010, is hereby changed and amended to read as follows:

"15-442 SEWER SERVICE RATES. The monthly sewer charge for service connections to the public sanitary sewer system of the City shall be based upon the average monthly water usage during the months of December, January and February as rounded to the nearest 1,000 gallons, herein after referred to as the average winter water usage and calculated using the following rates:

A. Inside the City

1. Minimum charge for all individual residential, commercial and industrial billing units contributing sewage to the system shall be \$9.50 per month.
2. Based upon the average winter water usage each billing unit shall pay the following commodity charges per 1,000 gallons per month:
  - a. First 10,000 gallons \$0.61 per 1,000 gallons
  - b. Next 40,000 gallons \$0.72 per 1,000 gallons
  - c. Next 50,000 gallons \$0.77 per 1,000 gallons
  - d. Over 100,000 gallons \$0.88 per 1,000 gallons
3. For calculating the monthly sewer service rates for a building with multiple billing units which share a common water meter and sewer connection:

- a. Where one customer is billed for all water and sewer service to that building, the rate shall include the minimum charge for each billing unit within the facility and the commodity charge per 1,000 gallon usage based upon the average winter water usage.
  - b. Where the billing units not paying for the water service are billed for the sewer service to that building, the City will use an average of 3,000 gallons per month for the purpose of calculating the commodity charge.
4. For the purpose of calculating the commodity charge for sewer customers who are not connected to the City's water system or for those sewer customers where there exists no established average winter water usage, the City will use an average of 6,000 gallons per month.
  5. The average winter water usage from which the service fees are based will be adjusted annually on the April utility billing.

**B. Sewer Capital Fee – Inside the City**

1. Each residential, commercial and industrial billing unit with service connections contributing sewage to the system shall pay a monthly sewer capital fee that is to be used toward the retirement of the debt for the wastewater treatment plant, annual costs related to inflow and infiltration maintenance and repairs within the sewer collection system, sewer collection system equipment and a wastewater system capital reserve fund. This monthly fee is in addition to the regular monthly sewer service charges as identified in Section 15-442 (A).
2. The monthly sewer capital fee shall be based upon the average winter water usage as rounded to the nearest even 1,000 gallons. For calculating this monthly fee for sewer customers who are not connected to the City's water system or for those sewer customers where there exists no established water usage, the City shall use the average of 6,000 gallons per month.
3. Upon determining the average winter water usage, each sewer customer shall be placed within a user class tier and pay the monthly sewer capital fee for that usage tier. The average winter water usage used to determine the sewer capital fee will be reviewed annually and adjusted at the same time the average winter water usage is adjusted for the regular monthly sewer commodity charges.
4. Based upon the average winter water usage, each sewer customer shall pay the following sewer capital fee:

a.	Tier One	0 to 5,000 gallons	\$ 15.00
b.	Tier Two	5001 to 10,000 gallons	\$ 25.00
c.	Tier Three	10,001 to 20,000 gallons	\$ 50.00
d.	Tier Four	20,001 to 50,000 gallons	\$ 75.00
e.	Tier Five	50,001 to 100,000 gallons	\$120.00
f.	Tier Six	Over 100,000 gallons	\$180.00

5. For calculating the sewer capital fee for a building with multiple billing units which share a common water meter and sewer connection:
  - a. Where one customer is billed for all water and sewer service to that building, the average winter water usage will be used to determine the sewer capital fee.
  - b. Where the billing units not paying for the water service are billed for the sewer service to that building, the City will use an average of 3,000 gallons per month for the purpose of calculating the sewer capital fee.

C. Outside the City

1. Minimum charge for all individual residential, commercial and industrial billing units contributing sewage to the system shall be \$11.00 per month.
2. Based upon the average winter water usage each billing unit shall pay the following commodity charges per 1,000 per gallon per month:
  - a. First 10,000 gallons           \$0.72 per 1,000 gallons
  - b. Next 40,000 gallons           \$0.83 per 1,000 gallons
  - c. Next 50,000 gallons           \$0.88 per 1,000 gallons
  - d. Over 100,000 gallons           \$0.99 per 1,000 gallons
3. For calculating the monthly sewer service rates for a building with multiple billing units which share a common water meter and sewer connection:
  - a. Where one customer is billed for all water and sewer service to that building, the rate shall include the minimum charge for each billing unit within the facility and the commodity charge per 1,000 gallon usage based upon the average winter water usage.
  - b. Where the billing units not paying for the water service are billed for the sewer service to that building, the City will use an average of 3,000 gallons per month for the purpose of calculating the commodity charge.
4. For the purpose of calculating the commodity charge for sewer customers who are not connected to the City's water system or for those sewer customers where there exists no established average water usage, the City will use an average of 6,000 gallons per month.
5. The average winter water usage from which the service fees are based will be adjusted annually on the April utility billing.

D. Sewer Capital Fee – Outside the City

1. Each residential, commercial and industrial billing unit with service connections contributing sewage to the system shall pay a monthly sewer capital fee that is to be used toward the retirement of the debt for the wastewater treatment plant, annual costs related to inflow and infiltration maintenance and repairs within the sewer collection

system, sewer collection system equipment and a wastewater system capital reserve fund. This monthly fee is in addition to the regular monthly sewer service charges as identified in Section 15-442 (C).

2. The monthly sewer capital fee shall be based upon the average winter water usage rounded to the nearest even 1,000 gallons. For calculating this monthly fee for sewer customers who are not connected to the City's water system or for those sewer customers where there exists no established water usage, the City shall use the average of 6,000 gallons per month.
3. Upon determining the average winter water usage, each sewer customer shall be placed within a user class tier and pay the monthly sewer capital fee for that usage tier. The average winter water usage used to determine the sewer capital fee will be reviewed annually and adjusted at the same time the average winter water usage is adjusted for the regular monthly sewer commodity charges.
4. Based upon the average winter water usage, each sewer customer shall pay the following sewer capital fee:
  - a. Tier One        0 to 5,000 gallons        \$ 18.00
  - b. Tier Two        5001 to 10,000 gallons        \$ 30.00
  - c. Tier Three       10,001 to 20,000 gallons       \$ 60.00
  - d. Tier Four        20,001 to 50,000 gallons       \$ 90.00
  - e. Tier Five        50,001 to 100,000 gallons       \$145.00
  - f. Tier Six         Over 100,000 gallons        \$215.00
5. For calculating the sewer capital fee for a building with multiple billing units which share a common water meter and sewer connection:
  - a. Where one customer is billed for all water and sewer service to that building, the average winter water usage will be used to determine the sewer capital fee.
  - b. Where the billing units not paying for the water service are billed for the sewer service to that building, the City will use an average of 3,000 gallons per month for the purpose of calculating the sewer capital fee."

SECTION 2. EFFECTIVE DATE. That the rates and charges, including the minimum charges set forth above, shall become effective and apply to all sewer system services billed on or after January 1, 2015.

SECTION 3. AMENDMENTS. All provisions of Article 4 of Chapter 15 of the Code of the City of Augusta, Kansas, 2010, shall be amended only insofar as to reflect the above changes.

SECTION 4. REPEAL. All ordinances or parts of ordinances in conflict herewith are hereby repealed. However, any section of an existing ordinance not in conflict herewith is not repealed and remains in full force and effect.

SECTION 5. PUBLICATION. Upon publication in the official city newspaper, this Ordinance shall take effect and be in force from and after January 1, 2015





**FUEL ADJUSTMENT**

**Electric Fuel Adjustment (EFA) History**

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
January		(\$0.0076)	\$0.0020	\$0.0126	\$0.0140	\$0.0108	\$0.0335	\$0.0108	0.0077	0.0068	0.0134
February		\$0.0003	\$0.0023	\$0.0109	\$0.0141	\$0.0106	\$0.0337	\$0.0110	0.0163	0.0067	0.0048
March		\$0.0083	\$0.0066	\$0.0050	\$0.0115	\$0.0109	\$0.0379	\$0.0105	0.0103	0.0065	0.0067
April		(\$0.0005)	\$0.0022	\$0.0049	\$0.0014	\$0.0112	\$0.0322	\$0.0099	0.0123	0.0112	0.0124
May		(\$0.0006)	(\$0.0026)	\$0.0035	\$0.0121	\$0.0102	\$0.0347	\$0.0100	0.0150	0.0188	0.0124
June		\$0.0124	\$0.0064	\$0.0130	\$0.0145	\$0.0227	\$0.0284	\$0.0048	0.0150	0.0188	0.0188
July		\$0.0251	\$0.0084	\$0.0175	\$0.0160	\$0.0208	\$0.0416	\$0.0124	0.0262	0.0187	0.0159
August		\$0.0220	\$0.0092	\$0.0172	\$0.0179	\$0.0227	\$0.0373	\$0.0081	0.0433	0.0188	0.0116
September		\$0.0035	\$0.0091	\$0.0065	\$0.0145	\$0.0517	\$0.0361	\$0.0070	0.0388	(0.0001)	0.0000
October		\$0.0028	(\$0.0018)	(\$0.0018)	\$0.0113	\$0.0239	\$0.0331	\$0.0101	0.0239	(0.0092)	0.0053
November	\$0.0133	(\$0.0018)	(\$0.0022)	\$0.0054	\$0.0103	\$0.0314	\$0.0305	(\$0.0084)	0.0179	0.0046	0.0124
December	(\$0.0016)	(\$0.0039)	\$0.0030	\$0.0069	\$0.0111	\$0.0244	\$0.0173	(\$0.0010)	0.0134	0.0158	0.0106
Average	\$0.0059	\$0.0050	\$0.0036	\$0.0085	\$0.0124	\$0.0209	\$0.0330	\$0.0071	\$0.0200	0.0098	0.0104

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
January	0.0066	\$0.0077	\$0.0111	\$0.0122	\$0.0199	\$0.0203	\$0.0268				
February	0.0040	\$0.0062	\$0.0118	\$0.0318	\$0.0171	\$0.0253	\$0.0268				
March	0.0085	\$0.0100	\$0.0074	\$0.0369	\$0.0146	\$0.0243	\$0.0278				
April	0.0098	\$0.0154	\$0.0149	\$0.0299	\$0.0260	\$0.0223	\$0.0328				
May	0.0185	\$0.0188	\$0.0167	\$0.0386	\$0.0242	\$0.0379	\$0.0341				
June	0.0188	\$0.0188	\$0.0245	\$0.0395	\$0.0200	\$0.0207	\$0.0270				
July	0.0095	\$0.0141	\$0.0183	\$0.0236	\$0.0190	\$0.0170	\$0.0197				
August	0.0136	\$0.0171	\$0.0114	\$0.0209	\$0.0198	\$0.0158	\$0.0201				
September	0.0134	\$0.0241	\$0.0112	\$0.0333	\$0.0180	\$0.0301	\$0.0401				
October	0.0136	\$0.0157	\$0.0265	\$0.0391	\$0.0088	\$0.0306	\$0.0330				
November	0.0069	\$0.0106	\$0.0290	\$0.0189	\$0.0143	\$0.0387	\$0.0153				
December	0.0094	\$0.0153	\$0.0199	\$0.0351	\$0.0226	\$0.0395					
Average	\$0.0111	\$0.0145	\$0.0169	\$0.0300	\$0.0187	\$0.0269	\$0.0276	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Average Fuel Adjustment Sense Inspection

0.0157

# Electric Utility EFA Rates Smoothing Proposal

## Purpose:

The purpose of this proposal is to provide a routine and consistent annual process for adjusting the base rate for the FECA that will accurately account for the costs of fuel, lubricants, and purchased power without requiring major monthly fluctuations on customer's utility bills.

## Background:

The current FECA base rate has not been adjusted since 2007. Consequently, an estimated 22% of customer's electric bills are associated with the variable fee. This fee can fluctuate considerably from month-to-month, making it difficult for the average ratepayer to predict and plan their budgets for paying utility bills. During this year's budget work sessions, staff proposed a plan to the City Council for adjusting the EFA fees to help minimize the fluctuations that customers are experiencing. This proposal builds off of that concept and proposes a methodology for implementing the change.

## Proposal:

- Base cost for FECA will be adjusted annually at the last meeting in December or the first meeting in January and will apply to the upcoming year.
- FECA for the upcoming year will be calculated by averaging the FECA for the prior 36-months.
- The City will bring in approximately the same amount of revenues, but customers will experience more consistent month-to-month utility bills. The FECA percentage of the monthly electric bill is projected to decrease from 23% to just over 4%.
- In order for the City not to lose revenues, the current ordinance will have to be adjusted so that a negative FECA will show up as a \$0.00 charge on customer bills instead of being reimbursed as a credit.
- New proposal would not cost customers additional money annually except in years where the FECA average for 12-months is negative (would only have occurred once in the past six years and increases would have been negligible)

### Fuel and Energy Cost Adjustment Actuals - 2009-2017

	2009	2010	2011	2012	2013	2014	2015	2016	2017
January	0.0068	0.0134	0.0066	0.0077	0.0111	0.0122	0.0199	0.0203	0.0268
February	0.0067	0.0048	0.0040	0.0062	0.0118	0.0318	0.0171	0.0253	0.0268
March	0.0065	0.0067	0.0085	0.0100	0.0074	0.0369	0.0146	0.0243	0.0278
April	0.0112	0.0124	0.0098	0.0154	0.0149	0.0299	0.0260	0.0223	0.0328
May	0.0188	0.0124	0.0185	0.0188	0.0167	0.0386	0.0242	0.0379	0.0341
June	0.0188	0.0188	0.0188	0.0188	0.0245	0.0395	0.0200	0.0207	0.0270
July	0.0187	0.0159	0.0095	0.0141	0.0183	0.0236	0.0190	0.0170	0.0197
August	0.0188	0.0116	0.0136	0.0171	0.0114	0.0209	0.0198	0.0158	0.0201
September	(0.0001)	0.0000	0.0134	0.0241	0.0112	0.0333	0.0180	0.0301	0.0401
October	(0.0092)	0.0053	0.0136	0.0157	0.0265	0.0391	0.0088	0.0306	0.0330
November	0.0046	0.0124	0.0069	0.0106	0.0290	0.0189	0.0143	0.0387	0.0153
December	0.0158	0.0106	0.0094	0.0153	0.0199	0.0351	0.0226	0.0395	
<b>3-YR AVG</b>			<b>0.0104</b>	<b>0.0120</b>	<b>0.0141</b>	<b>0.0205</b>	<b>0.0219</b>	<b>0.0252</b>	

### NEW EFA RATES (BASED ON 3-YR AVERAGING)

	2012	2013	2014	2015	2016	2017
January	(0.0027)	(0.0009)	(0.0019)	(0.0006)	(0.0016)	0.0016
February	(0.0042)	(0.0002)	0.0177	(0.0034)	0.0034	0.0016
March	(0.0004)	(0.0046)	0.0228	(0.0059)	0.0024	0.0026
April	0.0050	0.0029	0.0158	0.0055	0.0004	0.0076
May	0.0084	0.0047	0.0245	0.0037	0.0160	0.0089
June	0.0084	0.0125	0.0254	(0.0005)	(0.0012)	0.0018
July	0.0037	0.0063	0.0095	(0.0015)	(0.0049)	(0.0055)
August	0.0067	(0.0006)	0.0068	(0.0007)	(0.0061)	(0.0051)
September	0.0137	(0.0008)	0.0192	(0.0025)	0.0082	0.0149
October	0.0053	0.0145	0.0250	(0.0117)	0.0087	0.0078
November	0.0002	0.0170	0.0048	(0.0062)	0.0168	(0.0099)
December	0.0049	0.0079	0.0210	0.0021	0.0176	
<b>NEW EFA ANNUAL AVERAGE</b>	<b>0.0041</b>	<b>0.0049</b>	<b>0.0158</b>	<b>(0.0018)</b>	<b>0.0050</b>	<b>0.0024</b>
<b>OLD EFA ANNUAL AVERAGE</b>	<b>0.0145</b>	<b>0.0169</b>	<b>0.0300</b>	<b>0.0187</b>	<b>0.0269</b>	<b>0.0276</b>

# 2017 Revenue Comparison – EFA Smoothing

2017 ACTUAL REVENUES				2017 EFA (PROPOSAL)			
MONTH	BASE	FUEL ADJ.	TOTAL REVENUES	MONTH	BASE	FUEL ADJ.	TOTAL REVENUES
January	\$519,328	\$185,415	\$704,742	January	\$621,918	\$82,824	\$704,742
February	\$555,436	\$179,019	\$734,455	February	\$723,656	\$10,799	\$734,455
March	\$510,159	\$126,592	\$636,751	March	\$629,115	\$7,636	\$636,751
April	\$452,682	\$112,522	\$565,204	April	\$554,613	\$10,591	\$565,204
May	\$483,767	\$131,917	\$615,684	May	\$585,051	\$30,633	\$615,684
June	\$508,863	\$156,851	\$665,715	June	\$624,700	\$41,014	\$665,715
July	\$654,586	\$189,565	\$844,152	July	\$831,397	\$12,755	\$844,152
August	\$806,204	\$186,750	\$992,954	August	\$1,044,934	\$0	\$1,044,934
September	\$766,866	\$146,793	\$913,659	September	\$950,783	\$0	\$950,783
October	\$698,927	\$185,477	\$884,404	October	\$815,409	\$68,995	\$884,404
November	\$555,110	\$190,714	\$745,824	November	\$700,650	\$45,174	\$745,824
December				December			
<b>Fees</b>	<b>\$6,511,927</b>	<b>\$1,791,616</b>	<b>\$8,303,543</b>	<b>Fees</b>	<b>\$8,082,226</b>	<b>\$310,422</b>	<b>\$8,392,648</b>
<b>% of Fees</b>	<b>78.4%</b>	<b>21.6%</b>		<b>% of Fees</b>	<b>96.3%</b>	<b>3.7%</b>	

The impact of the EFA revenue “smoothing” proposal would have been an additional \$89,000 to the Electric Utility in 2017, or the equivalent of a 1.07% rate increase. This increase results from the removal of the provision in the existing ordinance that provides a credit to customers when the monthly EFA is negative. Under the current ordinance, a negative EFA has only occurred 5 times in the past 180 months

# 2016-2017 REAP Water Rate Survey

## REAP CITIES' WATER RATES COMPARISON

REAP CITY	Base	5,000	10,000	15,000	20,000	30,000	
Andover	\$ 20.20	\$ 36.25	\$ 79.53	\$ 135.63	\$ 198.99	\$ 362.99	*
Augusta	\$ 14.37	\$ 33.87	\$ 53.37	\$ 74.12	\$ 94.87	\$ 138.87	*
Bel Aire	\$ 27.81	\$ 47.48	\$ 72.65	\$ 98.64	\$ 125.28	\$ 179.38	*
Bentley	\$ 19.44	\$ 37.44	\$ 59.94	\$ 82.44	\$ 104.94	\$ 141.44	
Benton	\$ 14.00	\$ 38.00	\$ 74.50	\$ 109.50	\$ 145.75	\$ 218.25	
Cheney	\$ 21.50	\$ 30.30	\$ 41.30	\$ 52.30	\$ 65.30	\$ 85.30	*
Clearwater	\$ 12.81	\$ 24.06	\$ 45.13	\$ 69.06	\$ 92.81	\$ 140.31	*
Conway Springs	\$ 20.00	\$ 40.00	\$ 60.00	\$ 80.00	\$ 100.00	\$ 140.00	*
Derby	\$ 19.49	\$ 31.16	\$ 52.81	\$ 78.36	\$ 103.91	\$ 163.01	*
El Dorado	\$ 7.40	\$ 15.89	\$ 24.38	\$ 32.87	\$ 41.36	\$ 58.34	
Garden Plain	\$ 14.00	\$ 24.80	\$ 38.45	\$ 52.55	\$ 66.80	\$ 95.30	*
Goddard	\$ 18.94	\$ 23.44	\$ 32.19	\$ 42.19	\$ 52.19	\$ 72.19	*
Halstead	\$ 21.50	\$ 55.45	\$ 103.95	\$ 152.45	\$ 200.95	\$ 297.95	
Hesston	\$ 8.00	\$ 14.20	\$ 29.70	\$ 45.20	\$ 60.70	\$ 91.70	*
Hutchinson	\$ 9.07	\$ 24.84	\$ 40.62	\$ 56.39	\$ 72.16	\$ 103.71	*
Kechi	\$ 22.00	\$ 48.35	\$ 76.10	\$ 111.40	\$ 154.50	\$ 240.70	*
Maize	\$ 25.75	\$ 36.73	\$ 70.83	\$ 104.93	\$ 139.03	\$ 207.23	*
Mount Hope	\$ 20.00	\$ 26.25	\$ 32.50	\$ 38.78	\$ 45.00	\$ 57.50	*
Mulvane	\$ 5.25	\$ 29.95	\$ 54.65	\$ 79.35	\$ 104.05	\$ 153.45	
Newton	\$ 17.65	\$ 47.40	\$ 83.10	\$ 124.75	\$ 166.40	\$ 243.75	*
Park City	\$ 21.00	\$ 31.50	\$ 42.00	\$ 52.50	\$ 63.00	\$ 84.00	*
Rose Hill	\$ 25.01	\$ 43.97	\$ 72.16	\$ 118.26	\$ 164.36	\$ 256.56	*
South Hutchinson	\$ 6.09	\$ 8.55	\$ 14.70	\$ 18.90	\$ 25.20	\$ 37.80	*
Valley Center	\$ 26.85	\$ 49.25	\$ 71.65	\$ 94.05	\$ 116.45	\$ 161.25	*
Wellington	\$ 15.50	\$ 32.12	\$ 59.82	\$ 87.00	\$ 115.22	\$ 170.62	*
Wichita	\$ 12.62	\$ 22.67	\$ 49.72	\$ 84.77	\$ 124.36	\$ 226.86	*
REAP Averages	\$ 17.16	\$ 32.84	\$ 55.22	\$ 79.86	\$ 105.52	\$ 158.79	
Augusta (current)	\$ 14.37	\$ 33.87	\$ 53.37	\$ 74.12	\$ 94.87	\$ 138.87	
Augusta (Base Inc.)	\$ 17.87	\$ 37.37	\$ 56.87	\$ 77.62	\$ 98.37	\$ 142.37	

\* Indicates 2016-2017 Rate Updates

# 2016-2017 REAP Wastewater Rate Survey

## REAP CITIES' WASTEWATER RATES COMPARISON

REAP CITY	Base	3,000	5,000	6,000	10,000	15,000
Andover	\$ 35.00	\$ 35.00	\$ 35.00	\$ 35.00	\$ 35.00	\$ 35.00
Augusta	\$ 24.50	\$ 26.33	\$ 27.55	\$ 38.16	\$ 40.60	\$ 69.20
Bel Aire	\$ 31.92	\$ 49.26	\$ 60.82	\$ 66.60	\$ 89.72	\$ 118.62
Cheney	\$ 20.00	\$ 28.00	\$ 36.00	\$ 40.00	\$ 56.00	\$ 76.00
Clearwater	\$ 22.46	\$ 25.46	\$ 27.46	\$ 28.46	\$ 32.46	\$ 37.46
Conway Springs	\$ 17.30	\$ 17.30	\$ 20.16	\$ 21.56	\$ 27.23	\$ 34.32
Derby	\$ 15.71	\$ 20.60	\$ 23.86	\$ 25.49	\$ 32.01	\$ 40.16
El Dorado	\$ 8.98	\$ 19.41	\$ 26.36	\$ 29.84	\$ 43.74	\$ 61.12
Garden Plain	\$ 45.00	\$ 45.00	\$ 45.00	\$ 45.00	\$ 45.00	\$ 45.00
Goddard	\$ 46.75	\$ 51.70	\$ 55.00	\$ 56.65	\$ 63.25	\$ 71.50
Hesston	\$ 13.00	\$ 22.75	\$ 29.25	\$ 32.50	\$ 45.50	\$ 61.75
Hutchinson	\$ 5.00	\$ 12.68	\$ 17.80	\$ 20.36	\$ 30.60	\$ 43.60
Kechi	\$ 21.13	\$ 29.89	\$ 38.65	\$ 43.03	\$ 60.55	\$ 82.45
Maize	\$ 31.75	\$ 31.75	\$ 31.75	\$ 31.75	\$ 31.75	\$ 31.75
Mulvane*	\$ 21.00	\$ 36.75	\$ 47.25	\$ 52.50	\$ 73.50	\$ 99.75
Newton	\$ 34.96	\$ 34.96	\$ 43.96	\$ 52.96	\$ 61.96	\$ 88.96
Park City	\$ 25.75	\$ 25.75	\$ 32.25	\$ 35.50	\$ 48.50	\$ 64.75
Rose Hill	\$ 20.53	\$ 27.57	\$ 34.61	\$ 38.13	\$ 52.21	\$ 69.81
South Hutchinson	\$ 28.00	\$ 40.03	\$ 48.05	\$ 52.06	\$ 68.10	\$ 88.15
Valley Center	\$ 26.85	\$ 40.29	\$ 49.25	\$ 53.73	\$ 71.65	\$ 94.05
Wellington	\$ 14.59	\$ 37.93	\$ 53.49	\$ 61.27	\$ 92.39	\$ 131.29
Wichita	\$ 8.87	\$ 19.37	\$ 26.37	\$ 29.87	\$ 29.87	\$ 29.87
REAP Averages	\$ 23.59	\$ 30.81	\$ 36.81	\$ 40.47	\$ 51.44	\$ 67.03
Augusta (current)	\$ 24.50	\$ 26.33	\$ 27.55	\$ 38.16	\$ 40.60	\$ 69.20

\* Mulvane Rates from 2014 REAP Survey



**DEPARTMENT OF THE ARMY**  
 U.S. ARMY CORPS OF ENGINEERS, TULSA DISTRICT  
 1645 SOUTH 101st EAST AVENUE  
 TULSA, OKLAHOMA 74128-4609

Hydraulics and Hydrology Branch



City of El Dorado, Kansas  
 Municipal Building  
 El Dorado, KS 67042

Dear Mr. Bookout:

Section 1046(b) of the Water Resources Reform and Development Act of 2014 directs USACE to provide our water supply customers with a five-year estimate of anticipated operations and maintenance (O&M) activities and associated costs. The information provided is an estimate that may be used for planning purposes, but may vary considerably, especially in out years. However, the information shall not be construed as or relied upon as the actual amount the non-federal users will be required to contribute. Actual expenditures are subject to Congressional appropriations and program execution.

Your proportional O&M percentage, as found in water supply agreement DACW56-72-C-0220 is 12.39% for Space 1, 3.596% for Space 2, and 5.968% for Space 3. The following is an estimation of your anticipated costs in the respective fiscal years (FY) and your anticipated costs:

El Dorado's O&M

	Space 1	Space 2	Space 3
FY18	\$134,093	\$38,918	\$64,590
FY19	\$152,692	\$44,317	\$73,549
FY20	\$74,637	\$21,662	\$35,951
FY21	\$84,183	\$24,433	\$40,549
FY22	\$74,777	\$21,703	\$36,018

There is always the possibility of unexpected expenditures in future years due to emergency situations. If any significant unplanned expenditures are necessary, we will contact you immediately.

If you have any questions on this matter, please contact Ms. Aimee Jordan at (918) 669-7181.

Sincerely,

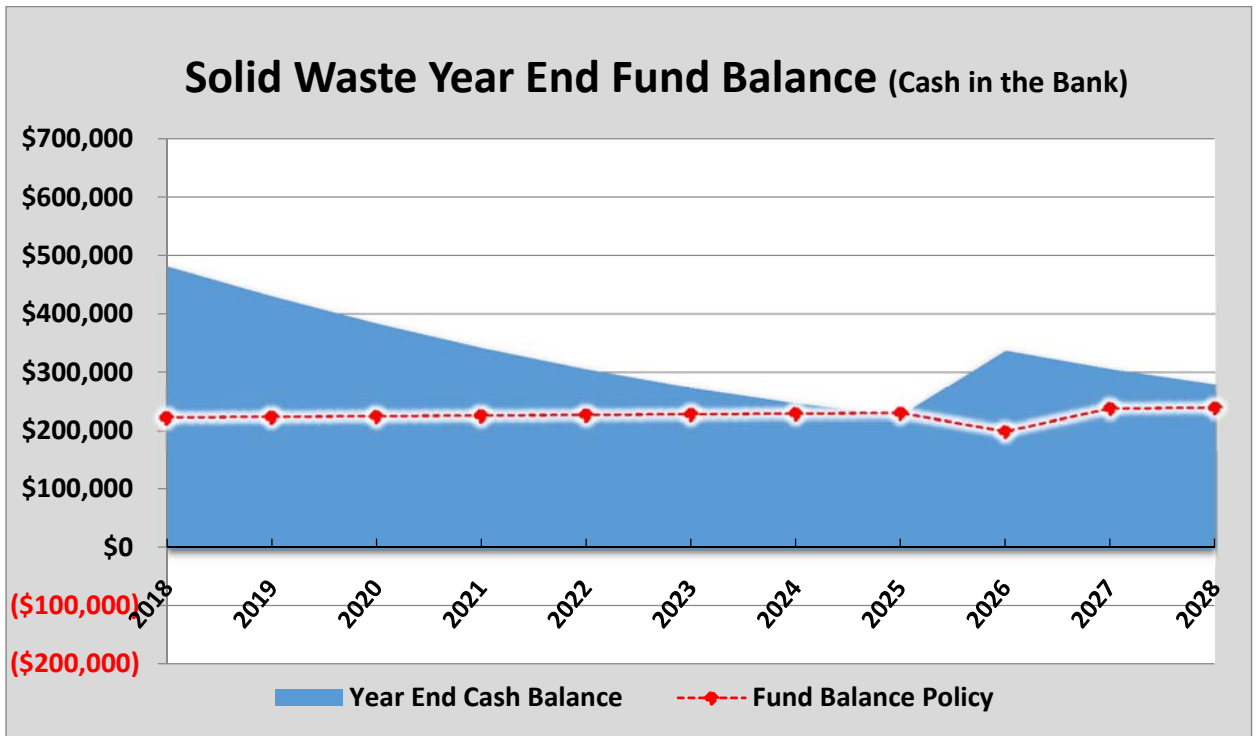
Mike Abate  
 PPMD, Civil Works

# Solid Waste Fund Rate Model

Staff recommended a flat \$0.50 increase for 2018 Budget. Council inquired about annual %. A 1.5% annual increase would maintain cash balances above fund balance policy.

Actuals	Projected										
Year	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Revenue	\$833,674	\$842,681	\$851,823	\$861,103	\$870,521	\$880,081	\$889,784	\$899,633	\$909,630	\$919,776	\$930,075
Expense	\$889,425	\$893,872	\$898,341	\$902,833	\$907,347	\$911,884	\$916,444	\$921,026	\$926,631	\$932,305	\$938,005
Annual (+ -)	(\$55,751)	(\$51,191)	(\$46,518)	(\$41,731)	(\$36,826)	(\$31,803)	(\$26,659)	(\$21,393)	\$111,999	(\$31,843)	(\$26,303)
Year End Cash B	\$481,235	\$430,044	\$383,526	\$341,795	\$304,969	\$273,166	\$246,507	\$225,114	\$337,113	\$305,270	\$278,967
Fund Balance Pc	\$222,356	\$223,468	\$224,585	\$225,708	\$226,837	\$227,971	\$229,111	\$230,256	\$199,408	\$237,905	\$239,094

Future Rate	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
	\$14.72	\$14.94	\$15.16	\$15.39	\$15.62	\$15.85	\$16.09	\$16.33	\$16.58	\$16.83	\$17.08



Collections Per Week						Current Commercial Rates
Dumpster S	2	3	4	5	6	
2 Yds	\$105	\$133	\$161	\$189	\$217	
3 Yds	\$129	\$171	\$213	\$255	\$297	
4 Yds	\$153	\$208	\$263	\$318	\$373	
6 yds	\$201	\$284	\$367	\$450	\$533	
Collections Per Week						Revised Commercial Rates
Dumpster S	2	3	4	5	6	
2 Yds	\$107	\$135	\$163	\$192	\$220	
3 Yds	\$131	\$174	\$216	\$259	\$301	
4 Yds	\$155	\$211	\$267	\$323	\$379	
6 yds	\$204	\$288	\$373	\$457	\$541	



## Rolloff Dumpster Market Price Comparison - Regional Municipal and Private Vendors

<b>Company</b>	<b>Dumpster Size</b>	<b>Notes</b>
<b>AAA Roll-Off Services</b>	20-yard	14-day rental with one dump (2 tons max) \$299; if 2nd dump needed, additional \$200 plus tonnage.
	40-yard	14-day rental with one dump (2 tons max) \$399; if 2nd dump needed, additional \$200 plus tonnage.
<b>CDH, Inc.</b>	20-yard	Set on job site: \$45; Per Day (after 14-days): \$10; Tipping Fee: \$100; Deposit: \$150
	30-yard	Set on job site: \$45; Per Day (after 14-days): \$10; Tipping Fee: \$110; Deposit: \$150
	40-yard	Set on job site: \$45; Per Day (after 14-days): \$10; Tipping Fee: \$120; Deposit: \$150
<b>Budget Dumpster*</b>	20-yard	\$389 Flat Rate (includes 10-day rental period, delivery fee, pickup fee, applicable taxes)
	30-yard	\$439 Flat Rate (includes 10-day rental period, delivery fee, pickup fee, applicable taxes)
	40-yard	\$499 Flat Rate (includes 10-day rental period, delivery fee, pickup fee, applicable taxes)
<b>City of El Dorado</b>	20-yard	Delivery Fee (1-time fee): \$50; Pickup Fee (Charged on each Pickup): \$100; Landfill Fees: Landfill Receipt
	30-yard	Delivery Fee (1-time fee): \$50; Pickup Fee (Charged on each Pickup): \$125; Landfill Fees: Landfill Receipt
	40-yard	Delivery Fee (1-time fee): \$50; Pickup Fee (Charged on each Pickup): \$135; Landfill Fees: Landfill Receipt
<b>Waste Connections</b>	20- yard	\$100 delivery; \$203 Drop Fee + \$59/ton
	30-yard	\$100 delivery; \$203 Drop Fee + \$59/ton
<b>City of Newton</b>	10-yard	\$25 delivery fee for 14-day rental; Dump Fee: \$50/dump + Landfill Fees
<b>City of Lawrence</b>	20-yard	Rental Fee: \$83/month (prorated per week plus tax); Dump Fee: \$148.85/dump; Min. monthly charge: \$231.85; Deposit: \$148.85; Landfill Fee: \$28.92 per net ton
	30-yard	Rental Fee: \$97/month (prorated per week plus tax); Dump Fee: \$181.85/dump; Min. Monthly charge: \$278.85; Deposit: \$181.85; Landfill Fee: \$28.92 per net ton
	40-yard	Rental Fee: \$97/month (prorated per week plus tax); Dump Fee: \$214.85/dump; Min. Monthly charge: \$311.85; Deposit: \$214.85; Landfill Fee: \$28.92 per net ton

<b>Budget Dumpster</b>	10-yard	\$329 Flat Rate (includes 10-day rental period, delivery fee, pickup fee, applicable taxes)
	20-yard	\$359 Flat Rate (includes 10-day rental period, delivery fee, pickup fee, applicable taxes)

Lawrence applies the deposit to the final bill.