



We encourage you to join the discussion!

Aging Infrastructure is Struggling to Provide Continuous and Adequate Service to our Community. Major Capital Investments are Needed for Compliance and to Help Fix Our Red Water. Rockdale is Considering Water Rate Increase Options to Fund Water Quality and Wastewater Collection/Treatment Needs.

PUBLIC MEETING DATES

1/03, 5:30-7:30 PM, New Hope Missionary Baptist Church, 327 E 3rd Ave

1/14, 5:30 PM - at City Council Meeting, Patterson Center

1/17, 5:30-7:30 PM, Patterson Center, 609 Mill St

2/11, 5:30 PM - at City Council Meeting, TBD (City Hall or Patterson Center)

ITEMS TO BE ADDRESSED

- Current Condition of Our Utilities
- Potential Improvement Costs
- What Happens if We Do Nothing?
- TCEQ Compliance
- New Rate Proposal
- Alternatives Considered
- Public Concern About Affordable Water Costs

VOICE YOUR OPINION IN OUR SURVEY

WWW.SURVEYMONKEY.COM/R/ROCKDALEWATERRATESURVEY



"Our mission is to provide safe, clean, high quality water at the most economical cost to our customers."

John King, Mayor

CITY OF ROCKDALE
IS HOLDING PUBLIC
MEETINGS TO GET
YOUR INPUT

THIS IS IMPORTANT
FOR EACH OF US,
OUR FAMILIES AND
OUR COMMUNITY

ROCKDALE NEEDS
ADDITIONAL
FUNDING FOR
IMPROVEMENTS TO
PROVIDE QUALITY
DRINKING WATER

LEARN HOW A RATE
INCREASE WILL
AFFECT YOUR BILL

LEARN YOUR
OPTIONS

CITY OF ROCKDALE

505 W Cameron Avenue
Rockdale, Texas 76567

Phone:
512-446-2511

Web:
www.rockdalecityhall.com

The Project will eliminate the City's red water and improve our aging infrastructure by:

- Eliminating Approximately 26 miles of Cast Iron Pipe and 5 miles of Asbestos Concrete Pipe
- Upgrading Water Treatment Plant to eliminate Iron and Magnesium concentrations
- Building a new water tower to eliminate the low pressure in half of Rockdale

CITY OF ROCKDALE AUTHORIZED TO PROCEED WITH \$48.69 MILLION IN DRINKING WATER INFRASTRUCTURE REPLACEMENT

The Texas Water Development Board (TWDB) authorizes the City of Rockdale to proceed with \$48.69 million in revenue bonds to replace worn out drinking water infrastructure using the Drinking Water State Revolving Fund (DWSRF).

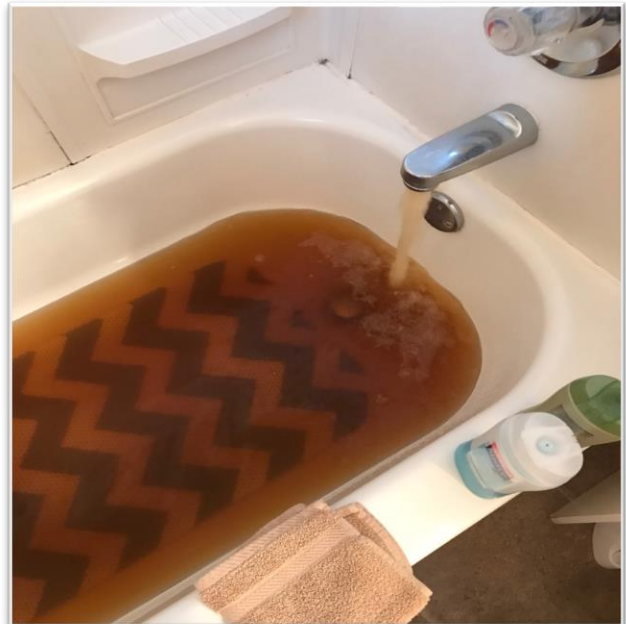
WATER TREATMENT PLANT REPLACEMENT AND UPGRADES

The City's primary water treatment on Mill Street was built in 1954 and should have been replaced in 1984. At this time, the plant is about 64 years old and must be replaced.

The Mill Street Water Treatment plant was not designed to handle treatment for iron and manganese back in 1954, which is regulated today under the Secondary Treatment Rules published by the EPA and is required by Texas Commission of Environmental Quality (TCEQ) at this time.



Mill Street Water Treatment Plant Condition



Residential Water in the City of Rockdale

The City's second water treatment plant, Texas Street Water Treatment Plant, is the newer of the two water treatment plants but was also not designed to treat iron and manganese.

The TWDB funds will be used to replace the Mill Street Water Treatment Plant and upgrade the Texas Street Water Treatment Plant with new filters that can treat iron and manganese.

CORROSION CONTROL

In addition, neither plant was originally designed to handle the bulk corrosion control demands from injection of polyphosphate corrosion inhibitors and PH adjustment using caustic. In the past, blended phosphate injection has also been used.

Future improvements will include the addition of bulk chemical facilities to handle the corrosion control demands.

WATER LINE TUBERCULATION

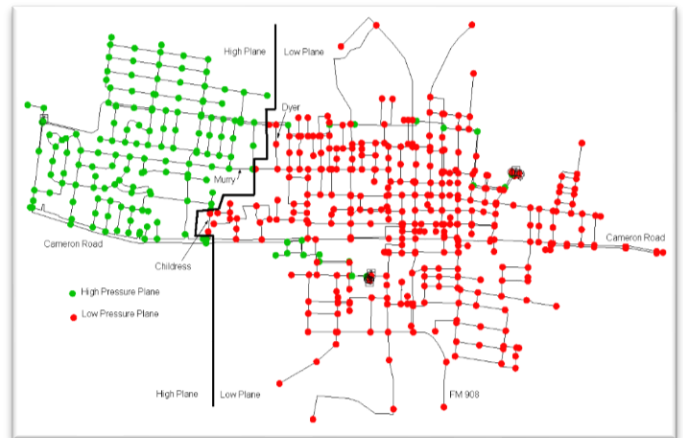
For more than a half century, the City’s water treatment plants have produced iron and manganese laden drinking water for distribution in the City water system which has now resulted in an accumulation of iron and manganese sediment in the pipes.

Over time, the iron and manganese has tuberculated onto the interior of the pipe walls and is now difficult to remove by flushing alone.



City of Rockdale Water Pipes - Mineral Deposits

The TWDB funds will be used to fund the replacement of the older cast iron pipes that carry the bulk of the iron and manganese sediment, and which are also worn out on their own merits. Old cast iron pipes also leach iron directly into the drinking water system.



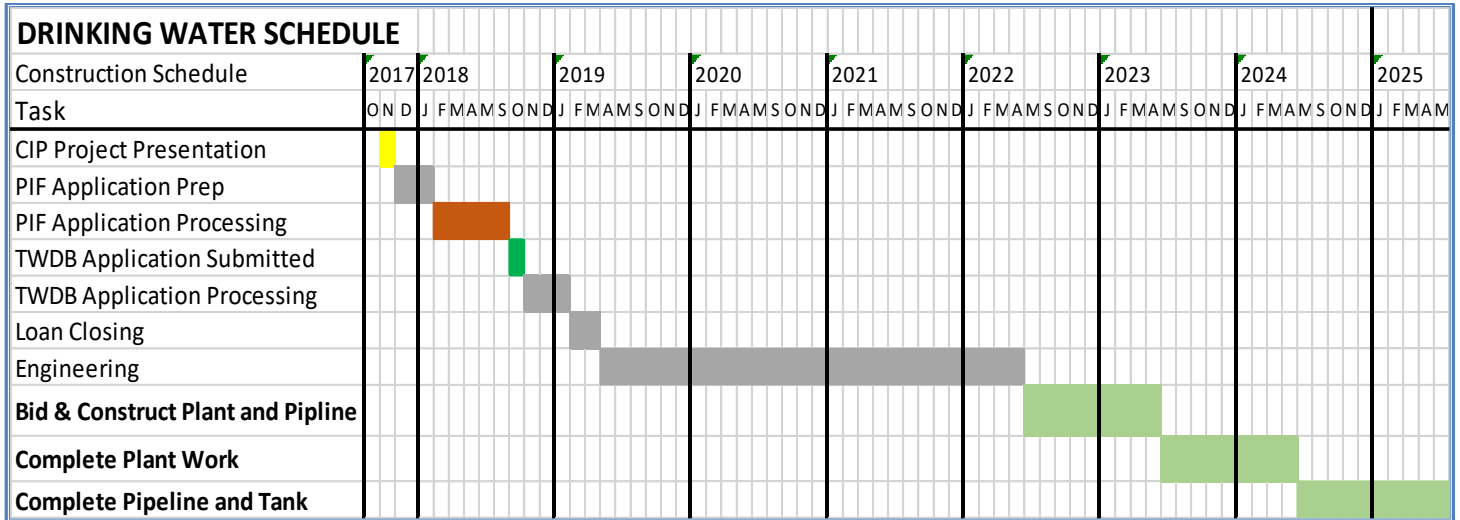
City of Rockdale Pressure Planes

The City of Rockdale currently has two pressure planes and is planning to consolidate into one pressure plane which will increase water distribution pressure and provide better fire flow.

<i>Funding Component Costs</i>	<i>Estimated Preliminary Cost</i>
Cast Iron and Asbestos Cement Pipe Replacement, and Capacity Upgrades Construction	\$14,835,141
Texas Street WTP Retrofit Construction ¹	\$5,500,000
Mill Street WTP Replacement Construction ¹	\$12,500,000
Pressure Filter, Pump Station, GST at the Airport Construction ¹	\$3,000,000
Replace or Retrofit Mill Street EWST Construction ²	\$1,334,859
Subtotal Construction	\$37,170,000
Planning, Acquisition, Design, and Bonds	\$11,520,000

1. Additional monies were transferred from pipelines, above, to provide some longer life stainless steel components based on Council input about design life.
 2. At request of City Council on September 24th, 2018, replacement of Mill St EWST was requested as an option to manage 2 pressure planes and project monies were transferred from Fire Hydrants Replacement and Meter Replacement to serve this purpose. In addition, a portion of monies were transferred from Cast Iron Pipe Replacement to support this initiative.

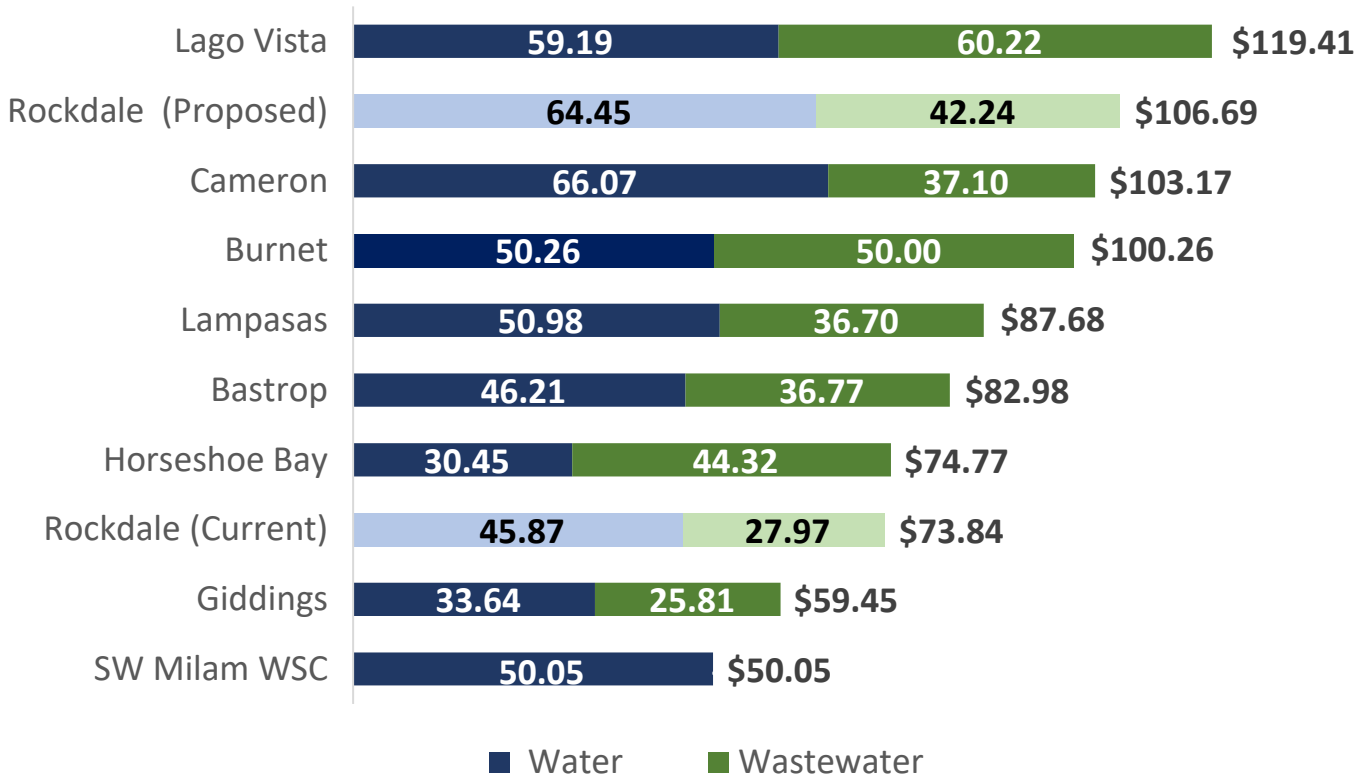
ESTIMATED PROJECT TIMELINE



HOW DO OUR PROPOSED RATES COMPARE?

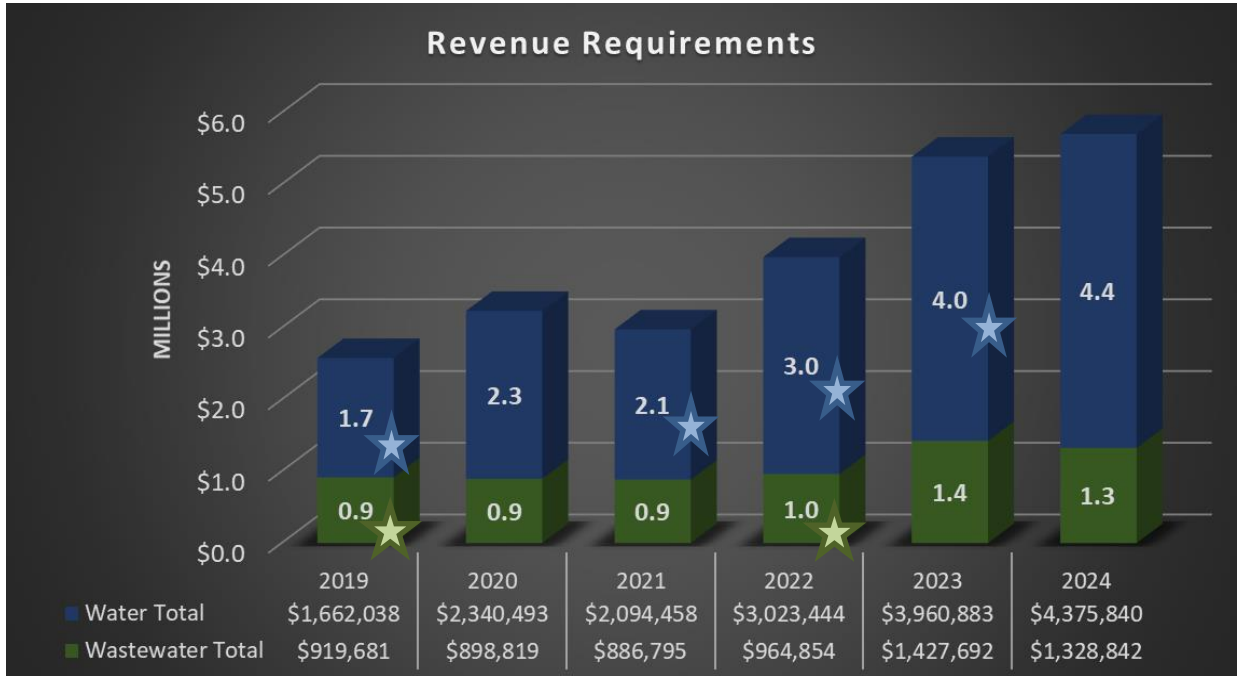
Residential Monthly Bill

6,200 Gallons Water and 4,000 Gallons Wastewater



Note: This chart shows water and wastewater charges only, and it does not include other charges for trash, fees, or taxes.

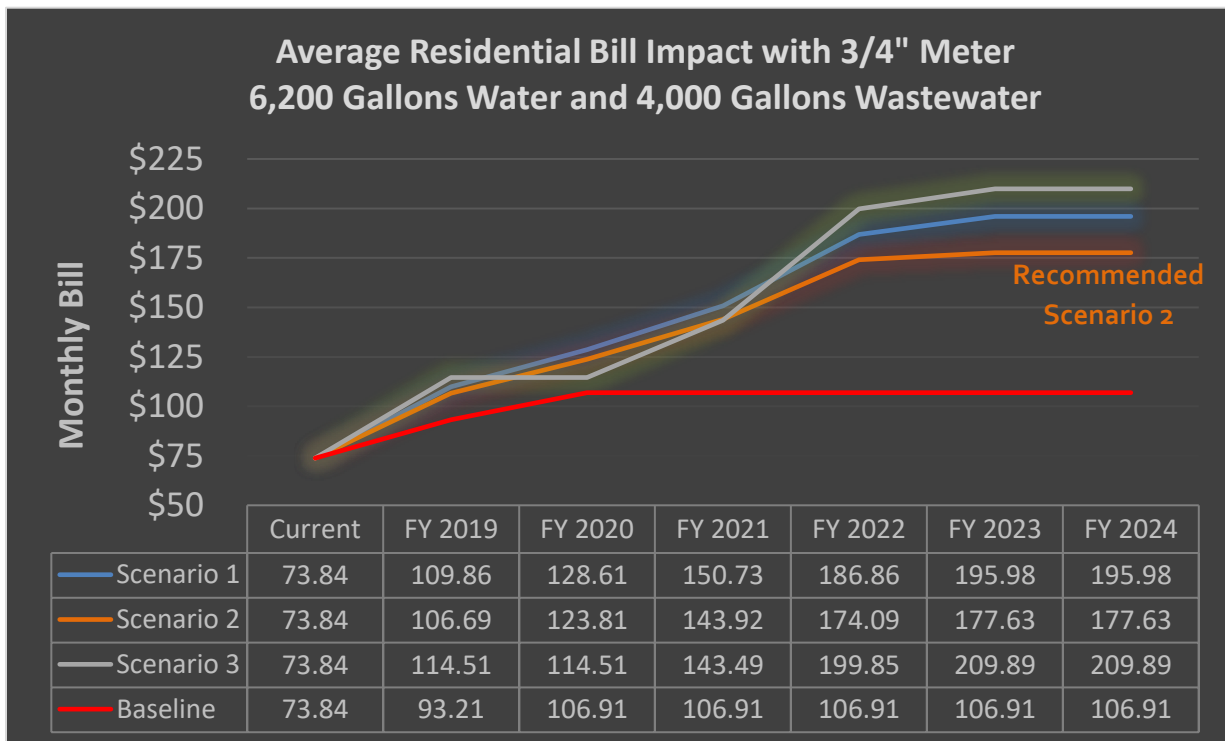
FINANCIAL IMPACT TO UTILITY BUDGETS



★ Drinking Water SRF Debt ★ Clean Water SRF Debt

Estimated financial impacts on budgets and rates on this page are projected, and may change if actual experience differs from the current assumptions.

FINANCIAL IMPACT TO RATEPAYERS



WATER RATE DESIGN COMPARISON

CURRENT STRUCTURE
All Meters Billed Same Minimum Charge
2,000 Gallons Included in Minimum Charge
Multi-Family Charged per Meter
All Volumes Above 2,000 at Same Rate

PROPOSED STRUCTURE
Minimum Charges Based on Meter Size
No Gallons Included in Minimum Charge
Multi-Family Charged per Unit
Rates Increase for Higher Volumes of Consumption

CURRENT RATES	
Meter Size	Minimum Charge
¾" or Smaller	\$25.88
1"	25.88
1 ½"	25.88
2"	25.88
2 ½"	25.88
3"	25.88
4"	25.88
Volumetric Blocks	Volumetric Rate
0-2,000 Gallons	\$0.00
2,001+ Gallons	4.76

PROPOSED RATES	
Meter Size	Minimum Charge
¾" or Smaller	\$34.94
1"	46.64
1 ½"	75.64
2"	110.58
2 ½"	148.67
3"	192.16
4"	308.68
Volumetric Blocks	Volumetric Rates
0-7,000 Gallons	\$4.76
7,001-50,000 Gallons	6.19
50,001+ Gallons	8.04

WASTEWATER RATE DESIGN COMPARISON

CURRENT STRUCTURE
2,000 Gallons Included in Minimum Charge
Multi-Family Charged per Meter
Winter Average During Nov., Dec., and Jan.
New Residents Charge Based on Number of People in Household Until Account Goes Through Winter Averaging Period.

PROPOSED STRUCTURE
No Gallons Included in Minimum Charge
Multi-Family Charged per Unit
Winter Average During Dec., Jan., and Feb.
New Residents Pay Minimum and Volume Charge Based on Water Usage up to 6,000 Gallons Until Account Goes Through Winter Averaging Period.

CURRENT RATES	
Minimum Charge	
All Accounts	\$15.71
Volumetric Blocks	Volumetric Rate
0-2,000 Gallons	\$0.00
2,001+ Gallons	6.13

PROPOSED RATES	
Minimum Charge	
All Accounts	\$16.50
Volumetric Blocks	Volumetric Rates
All Volumes	\$6.44

MARK YOUR CALENDARS WITH THE PUBLIC MEETING DATES

JANUARY 3
 5:30-7:30 PM
 NEW HOPE MISSIONARY
 BAPTIST CHURCH, 327 E 3RD AVE

JANUARY 14
 5:30 PM
 DURING CITY COUNCIL
 PATTERSON CENTER

JANUARY 17
 5:30-7:30 PM
 PATTERSON CENTER, 609 MILL ST

FEBRUARY 11
 5:30 PM
 DURING CITY COUNCIL
 TBD (CITY HALL OR PATTERSON)

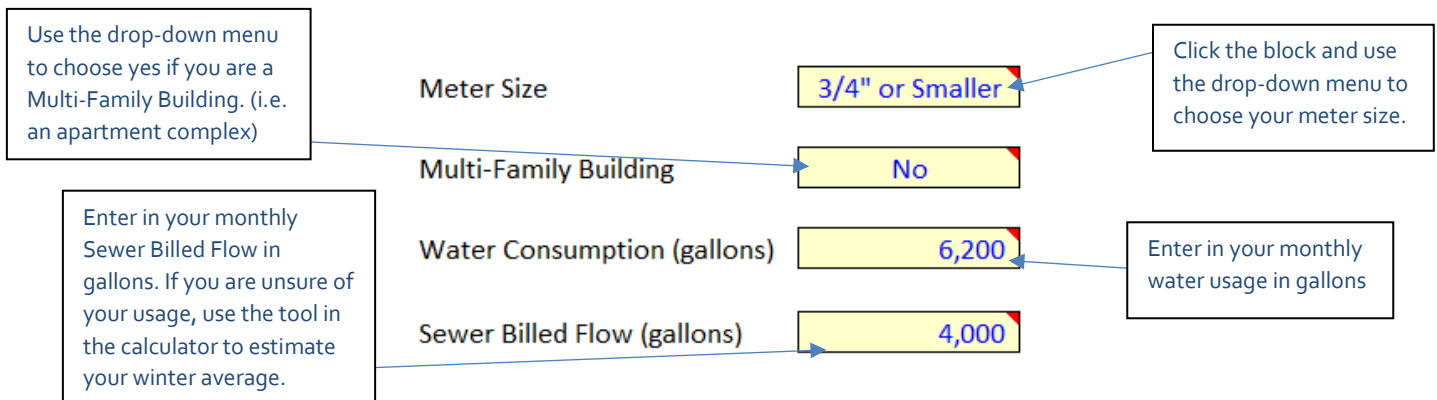
2019 January

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
31	01	02	03	04
07	08	09	10	11
14	15	16	17	18
21	22	23	24	25
28	29	30	31	01

2019 February

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
28	29	30	31	01
04	05	06	07	08
11	12	13	14	15

USE THE ONLINE UTILITY BILL CALCULATOR TO GET AN ESTIMATE OF YOUR NEW BILL



This calculator and other useful project reports can be found on the official City of Rockdale website under **"Forms and Documents"**