November 4, 2024 CITY COUNCIL MEETING AGENDA

THE STATE OF TEXAS §
COUNTY OF BRAZORIA §
CITY OF MANVEL §

KEITH BONNER, COUNCIL PLACE 1
DAVID LANDS, COUNCIL PLACE 2
HARRY OPLIGER, COUNCIL PLACE 3
ED PERRY, COUNCIL PLACE 4
CRYSTAL SARMIENTO, COUNCIL PLACE 5
JEROME HUDSON, COUNCIL PLACE 6

DAN DAVIS, MAYOR
DAN JOHNSON, CITY MANAGER
TAMMY BELL, CITY SECRETARY

NOTICE OF A CITY COUNCIL MEETING OF THE CITY OF MANVEL
November 4, 2024

NOTICE IS HEREBY GIVEN
5:00 P.M. WORKSHOP – 6:00 P.M. REGULAR SESSION

Pursuant to Chapter 551, Title 5 of the Texas Government Code, the Texas Open Meetings Act, notice is hereby given that the Manvel City Council will convene a regular meeting at the Manvel City Hall, located at 20031 Hwy 6, Manvel Tx 77578 for the purpose of discussing and if appropriate, take action with respect to the following items:

NOTE: The City Council of the City of Manvel reserves the right to discuss any items in Closed Session whenever authorized under the Texas Open Meetings Act, Chapter 551, of the Texas Government Code. The City Council may discuss the items on this agenda in any order.

This facility is wheelchair accessible and accessible parking spaces are available. Requests for accommodations or interpreter services must be made 48 hours prior to this meeting. Please contact the City Secretary at 281-489-0630 x6 for further information.

CITY OF MANVEL MISSION STATEMENT

The City of Manvel is a safe and responsible community, embracing the values of our past, present, and future citizens.

Workshop Session

Presentation of the draft Strategic Plan and Manvel Today Report

Discussion on any topic as listed on the current agenda.

Regular Session

Call To Order

Invocation

Inspirational Reading - Mayor Davis

Pledge

Pledge of Allegiance and Texas Pledge: "Honor the Texas flag; I pledge allegiance to thee Texas, one state under God, one and indivisible.

Presentations

Proclamations:

Municipal Court Week

Veterans Day

Texas Recycles Day

Public Comments: "Comment Card" Required

o Members of the public with business before the board, NOT scheduled on the agenda as a public hearing (that have submitted a public comment card) may have three (3) minutes to address the board. o The board may not participate in any discussion and cannot vote on the subject you present unless it is listed on the agenda as an action item.

City Manager Update

Update on current events and city issues.

Consent Agenda

1. Acceptance of the meeting minutes to date.

2. Appoint Dan Davis Jr. as the South Manvel Development Authority Board President.

3. Approve the Engagement Letter with Crowe LLP for professional services to provide the Audit and report on the financial statements of the city for the year ending September 30, 2024.

4. Authorize Animal Control Officers John Sherman and Kristen Bernard to be named Rabies Control Authority.

5. Approve the second and final reading of Ordinance 2024-O-41;
AN ORDINANCE OF THE CITY OF MANVEL, TEXAS AMENDING THE ZONING ORDINANCE OF THE CITY, BY AMENDING THE ZONING CLASSIFICATION OF AN APPROXIMATE 6.910 ACRES BOUNDED BY OLD MASSEY RANCH ROAD (NORTH), THE BRISCOE CANAL (EAST), AND RESIDENTIALLY DEVELOPED PROPERTIES (SOUTH AND EAST), FROM HUD-CODE MANUFACTURED HOME DISTRICT (HCMH) TO HUD-CODE MANUFACTURED HOME DISTRICT WITH SPECIFIC USE PERMIT (HCMH-SUP); PROVIDING FOR THE GRANTING OF A SPECIFIC USE PERMIT WITH CONDITIONS TO AUTHORIZE THE USE OF PROPERTY FOR NAICS USE 813110 "RELIGIOUS ORGANIZATIONS"; PROVIDING FOR THE AMENDMENT OF THE CITY'S OFFICIAL ZONING MAP; PROVIDING FOR SEVERABILITY; AND PROVIDING A PENALTY IN AN AMOUNT NOT TO EXCEED $2,000 FOR EACH DAY OF VIOLATION OF ANY PROVISION HEREOF. *(Forwarded with favorable recommendation by PD&Z on 10/15/24, Vote 6-0).*

6. Approve Resolution 2024-R-35;
A RESOLUTION APPROVING A MASTER INTERGOVERNMENTAL COOPERATIVE PURCHASING AGREEMENT BY AND BETWEEN THE CITY OF MANVEL AND EQUALIS GROUP LLC; PROVIDING THAT THIS RESOLUTION SHALL BECOME EFFECTIVE FROM AND AFTER ITS PASSAGE AND AUTHORIZE THE EXPENDITURE FOR FF&E FOR THE NEW POLICE STATION AND PUBLIC WORKS FACILITIES AS BUDGETED.

7. Acceptance of infrastructure improvements for **County Road 58 Water Line and Sanitary Sewer Extension to Serve Brazoria County Municipal Utility District No. 40** for Brazoria County Municipal Utility District No. 40, Brazoria County, Texas to begin the Two-Year Maintenance Period.

8. Acceptance of infrastructure improvements for "Water, Sanitary Sewer and Drainage Facilities and Paving and Appurtenances to Serve **Pollard Boulevard Phase 1 – Segment C and Charlotte Street Phase 1 – Segment A for Brazoria County Municipal Utility No. 83**, Brazoria County, Texas" to begin the Two-Year Maintenance Period.

9. Acceptance of infrastructure improvements for Water, Sanitary Sewar and Drainage Facilities and Paving and Appurtenances to **Serve Pollard Boulevard Phase 1 – Segment A and Del Bello Boulevard Phase 1 – Segment A for Brazoria County Municipal Utility District No. 83**, Brazoria County, Texas to begin the Two-Year Maintenance Period.

10. Acceptance of infrastructure improvements for "Water Distribution, Wastewater Collection, Storm Water Facilities and Paving to serve **Meridiana Section Thirty Four-A for Brazoria County Municipal Utility District No. 56,** Brazoria County, Texas" to begin the Two-Year Maintenance Period.

11. Final acceptance of infrastructure improvements for "Construction of **Manvel Town Center Wastewater Treatment Plant Phase 1 (Rebid) for Brazoria County MUD No. 42**, Brazoria County, Texas" and release the associated maintenance bond.

Items Removed from Consent Agenda

Regular Agenda

1. Consideration and possible action to approve Resolution 2024-R-37;
   A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MANVEL AUTHORIZING A LETTER OF SUPPORT FOR THE DEVELOPMENT AND CREATION OF A MENTAL HEALTH CRISIS CENTER FOR BRAZORIA COUNTY.

2. Consideration for an Exception to Chapter 35, Section 35-22. Prohibited sales, which prohibits the sale of alcoholic beverages within 300 feet of a public school, for the property at 7203 Russell St (PID 227593) located in the Light Commercial District /State Highway 6 Overlay District (LC/SH6).

3. Consideration and possible action to approve Resolution 2024-R-36;
   A RESOLUTION APPROVING THE PURCHASE OF HEB GIFT CARDS, IN THE AMOUNT OF $50.00 EACH, TO BE GIVEN TO CITY EMPLOYEES AS AN INCENTIVE FOR CONTINUED OUTSTANDING CUSTOMER SERVICE AND PERFORMANCE; AND PROVIDING THAT THIS RESOLUTION SHALL BECOME EFFECTIVE FROM AND AFTER ITS PASSAGE AND ADOPTION.

4. Consideration and possible action to approve Resolution 2024-R-38;
   A RESOLUTION OF THE MANVEL CITY COUNCIL OF THE CITY OF MANVEL APPROVING THE OFFICIAL BALLOT AND ITS CASTING VOTES FOR THE CANDIDATE(S) FOR A POSITION ON THE BOARD OF DIRECTORS OF THE BRAZORIA COUNTY APPRAISAL DISTRICT.

5. Consideration and possible action to approve Resolution 2024-R-30;
A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MANVEL, TEXAS, ADOPTING A SCHEDULE OF FEES, RATES, DEPOSITS, AND OTHER CHARGES FOR ZONING, PLATTING, BUILDING, UTILITIES, AND FIRE SAFETY AND PREVENTION AND OTHER RELATED MATTERS; AND REPEALING ALL RESOLUTIONS IN CONFLICT HERE WITH; AND OTHER RELATED MATTERS. (**NO CHANGES MADE TO EXHIBIT B - FIRE SAFETY OR EXHIBIT C - UTILITY FEES)

6. Consideration and possible action to approve the second and final reading of Ordinance 2024-O-42;
AN ORDINANCE AMENDING THE CODE OF ORDINANCES OF THE CITY OF MANVEL, TEXAS, CHAPTER 71. "UTILITIES" BY ADOPTING NEW RATES FOR WATER AND SEWER; MAKING OTHER CHANGES TO THE ORDINANCE GOVERNING THE PROVISION OF UTILITIES WITHIN THE CITY OF MANVEL; PROVIDING A PENALTY IN AN AMOUNT NOT TO EXCEED $2,000.00 FOR ANY VIOLATION OF ANY PROVISION OF THIS ORDINANCE; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES INCONSISTENT OR IN CONFLICT HEREWITH; AND PROVIDING FOR SEVERABILITY. *(Postponed at the 10/7/2024 City Council Meeting. First reading passed by City Council on 10/21/24 Vote 4/2 Council Member Lands absent).*

Mayor and Council Comments

Update on current events and city issues.
Additionally, pursuant to Texas Government Code § 551.0415, City Council Members and city staff may make a report about items of community interest during a meeting of the governing body without having given notice of the report.
Items of community interest include:

- Expressions of thanks, congratulations, or condolence;
- Information regarding holiday schedules;
- An honorary or salutary recognition of a public official, public employee, or other citizen, except that a discussion regarding a change in the status of a person's public office or public employment is not an honorary or salutary recognition for purposes of this subdivision;
- A reminder about an upcoming event organized or sponsored by the governing body;
- Information regarding a social, ceremonial, or community event organized or sponsored by an entity other than the governing body that was attended or is scheduled to be attended by a member of the governing body or an official or employee of the municipality; and
- Announcements involving an imminent threat to the public health and safety of people in the municipality that has arisen after the posting of the agenda.

Adjourn

CITY OF MANVEL INCORPORATED 1960 TEXAS

CERTIFICATION

I, Tammy Bell, City Secretary for the City of Manvel, do hereby certify that the foregoing Agenda of the Manvel City Council is true and correct and that I posted such notice on the bulletin board at the Manvel City Hall; a place convenient and readily accessible to the public on November 1, 2024 in accordance with the Texas Open Meetings Act (Tex. Gov't. Code §551.001 et.seq). Said notice remained posted for at least 72 hours preceding the scheduled time of the meeting.

TAMMY BELL, CITY SECRETARY
CITY OF MANVEL, TEXAS

Proclamation

OFFICE OF THE MAYOR
CITY OF MANVEL

Whereas, municipal courts play a significant role in preserving public safety and promoting quality of life in Texas; and

Whereas, more people come in contact with municipal courts than all other Texas courts combined, and public impression of the Texas judicial system is largely dependent upon the public's experience in municipal court; and

Whereas, state law authorizes a municipality to either appoint or elect a municipal judge for a term of office, the Manvel Municipal Court is a state court and its judges are members of the state judiciary; and

Whereas, the procedures for the Manvel Municipal Court operations are set forth in the Texas Code of Criminal Procedure and other laws of the State of Texas; and

Whereas, the City of Manvel is committed to the notion that our legal system is based on the principle that an independent, fair, and competent judiciary will interpret and apply the laws that govern us and that judges and court personnel should comply with the law and act in a manner that promotes public confidence in the integrity and impartiality of the judiciary; and

Whereas, Manvel Municipal Judges are not policy makers for the City of Manvel but are bound by the law and the Canons of Judicial Conduct and are required to make decisions independent of the governing body of the City Council, city officials, and employees

Whereas, the City Council recognizes that the Constitution and laws of the State of Texas contain procedural safeguards in criminal cases for all defendants, including indigent defendants, and supports the Manvel Municipal Court in complying with such legal requirements.

Now, Therefore, I, Dan Davis, by virtue of the authority vested in me as Mayor of the City of Manvel, Texas, do hereby proclaim November 4-8, 2024, as

"Municipal Court Week"

in the City of Manvel, Texas.

In witness thereof, I have hereunto set my hand and caused the seal of the City of Manvel to be affixed.

____

Dan Davis, Mayor
November 4, 2024

Proclamation

OFFICE OF THE MAYOR
CITY OF MANVEL

Whereas, on this Veterans Day, we gather as a community to honor and recognize the extraordinary sacrifices and service of the men and women who have bravely worn the uniform of the United States Armed Forces; and

Whereas, from generation to generation, America's veterans have carried forward a legacy of courage, resilience, and dedication, defending our country's ideals of freedom, justice, and equality for all; and

Whereas, their sacrifices have ensured the continued peace and prosperity of our nation, protecting the liberties we hold dear, while asking for little in return; and

Whereas, the families of veterans, through their unwavering support and strength, have endured the hardships of separation and the anxieties of deployment, contributing to the strength of our Armed Forces and the resilience of our nation; and

Whereas, we are forever indebted to our veterans and their families, and we reaffirm our commitment to providing them with the care, respect, and gratitude they so richly deserve; and

Whereas, on this day, let us unite as a community to express our deepest appreciation, to reflect on the cost of our freedoms, and to commit ourselves to ensuring that no veteran feels forgotten or unappreciated;

Now, Therefore, I, Dan Davis, by virtue of the authority vested in me as Mayor of the City of Manvel, Texas, do hereby proclaim November 11, 2024 as

"Veterans Day"

in the City of Manvel, Texas, and call upon all residents to observe this day with ceremonies, acts of reflection, and gestures of appreciation to honor the service and sacrifice of our nation's veterans.

In witness thereof, I have hereunto set my hand and caused the seal of the City of Manvel to be affixed.

Dan Davis, Mayor
November 4, 2024

Proclamation

OFFICE OF THE MAYOR
CITY OF MANVEL

Whereas, November 15, 2024, marks both Texas Recycles Day and America Recycles Day, underscoring the importance of recycling efforts across Texas and the nation; and

Whereas, the State of Texas Alliance for Recycling (STAR) has played a pivotal role in advancing recycling awareness and environmental responsibility across Texas through impactful initiatives like "Recycle Right, Texas," which promotes proper recycling practices to reduce contamination and protect natural resources; and

Whereas, recycling helps conserve energy, reduce landfill waste, and support local economies, while benefiting our community's environment and health; and

Whereas, STAR and its partners encourage all Texans to take responsibility for sustainable waste management, to understand recycling guidelines, and to actively participate in local recycling programs;

Now, Therefore, I, Dan Davis, by virtue of the authority vested in me as Mayor of the City of Manvel, Texas, do hereby proclaim November 15, 2024 as

"Texas Recycles Day"

in the City of Manvel, Texas and encourage all citizens to join in recycling efforts to build a greener future.

In witness thereof, I have hereunto set my hand and caused the seal of the City of Manvel to be affixed.

Dan Davis, Mayor
November 4, 2024

THE STATE OF TEXAS §
COUNTY OF BRAZORIA §
CITY OF MANVEL §

KEITH BONNER, COUNCIL PLACE 1
DAVID LANDS, COUNCIL PLACE 2
HARRY OPLIGER, COUNCIL PLACE 3
ED PERRY, COUNCIL PLACE 4
CRYSTAL SARMIENTO, COUNCIL PLACE 5
JEROME HUDSON, COUNCIL PLACE 6

DAN DAVIS, MAYOR
DAN JOHNSON, CITY MANAGER
TAMMY BELL, CITY SECRETARY

MISSION STATEMENT:
"The City of Manvel is a safe and responsible community, embracing the values of our past, present, and future citizens."

MINUTES 10/21/2024

Workshop Session

Mayor Davis called the workshop of the Manvel City Council to order at 5:00 p.m.
Those in attendance were:

Present:	Mayor Dan Davis City Councilmember Place 1 Keith Bonner City Councilmember Place 3 Harry Opliger City Councilmember Place 4 Ed Perry City Councilmember Place 5 Crystal Sarmiento City Councilmember Place 6 Jerome Hudson
Absent:	City Councilmember Place 2 David Lands
Also Present:	Dan Johnson, City Manager Bobby Gervais, City Attorney Keith Traylor, Chief of Police Tammy Bell, City Secretary Jose Abraham, Director of Development Services Rosie Donaire, Director of Finance Robbie Hall, Director of Public Works Chad Dumont, Personnel Director Brooke Cyphers, Public Information Officer

Executive Session

Council will convene into Executive Session in accordance with the **Texas Government Code**, pursuant to Section 551.071: Consultation with attorney and Section 551.089: Deliberation regarding security devices or security audits, to discuss (1) security assessments or deployments relating to information resources technology;(2) network security information as described by Section 2059.055(b); or (3) the deployment, or specific occasions for implementation, of security personnel, critical infrastructure, or security devices.

Council will convene into Executive Session pursuant to Texas Government Code, Sec. 551.074. *"Personnel Matters - to deliberate the appointment, employment, evaluation, and duties of a public officer or employee".*
Yearly Performance Review for Bobby Gervais, City Attorney

WORKSHOP SESSION CONTINUED
Discussion on any item as listed on the agenda.

Mayor Davis recessed the meeting for the executive sessions at 5:01 p.m.
Mayor Davis left the executive session open and reconvened the city council workshop at 6:10 p.m.

Mayor Davis closed the workshop session at 6:10 p.m.

Regular Session

Call To Order

Mayor Davis called the meeting of the Manvel City Council to order at 6:10 p.m.
Those in attendance were:

Present:	Mayor Dan Davis
	City Councilmember Place 1 Keith Bonner
	City Councilmember Place 3 Harry Opliger
	City Councilmember Place 4 Ed Perry
	City Councilmember Place 5 Crystal Sarmiento
	City Councilmember Place 6 Jerome Hudson
Absent:	City Councilmember Place 2 David Lands
Also Present:	Dan Johnson, City Manager
	Bobby Gervais, City Attorney
	Keith Traylor, Chief of Police
	Tammy Bell, City Secretary
	Jose Abraham, Director of Development Services
	Rosie Donaire, Director of Finance
	Robbie Hall, Director of Public Works
	Chad Dumont, Personnel Director
	Brooke Cyphers, Public Information Officer

Invocation

Inspirational Reading - Councilmember Opliger

Pledge

Presentations

Proclamation
Opossum Day - October 17, 2024

Certificate of Appreciation
Scott Sayers - 5 years of dedicated service to the Well Food Pantry

Staff Recognition
5 years of dedicated service to the City of Manvel
Dylan Debonis
Tanner Truitt
Gina Rodriguez

Staff Presentation on Public Hearing Item(s)
Elaheh Roohbakhsh, Associate Planner, provided the presentation.

Public Hearing

TO HEAR INPUT FROM THE PUBLIC REGARDING AN ORDINANCE OF THE CITY OF MANVEL, TEXAS AMENDING THE ZONING ORDINANCE OF THE CITY, BY AMENDING THE ZONING CLASSIFICATION OF AN APPROXIMATE 6.910 ACRES BOUNDED BY OLD MASSEY RANCH ROAD (NORTH), THE BRISCOE CANAL (EAST), AND RESIDENTIALLY DEVELOPED PROPERTIES (SOUTH AND EAST), FROM HUD-CODE MANUFACTURED HOME DISTRICT (HCMH) TO HUD-CODE MANUFACTURED HOME DISTRICT WITH SPECIFIC USE PERMIT (HCMH-SUP); PROVIDING FOR THE GRANTING OF A SPECIFIC USE PERMIT WITH CONDITIONS TO AUTHORIZE THE USE OF PROPERTY FOR NAICS USE 813110 “RELIGIOUS ORGANIZATIONS”; PROVIDING FOR THE AMENDMENT OF THE CITY’S OFFICIAL ZONING MAP; PROVIDING FOR SEVERABILITY; AND PROVIDING A PENALTY IN AN AMOUNT NOT TO EXCEED $2,000 FOR EACH DAY OF VIOLATION OF ANY PROVISION HEREOF.

Mayor Davis opened the Public Hearing at 6:33 p.m.
1st call for comments - None
2nd call for comments - None
3rd call for comments - None
Mayor Davis closed the Public Hearing at 6:33 p.m.

Public Comments: "Comment Card" Required
None

City Manager Update
Faul Hall - November 16
TxDOT updates: working on drainage study between Mississippi and Mustang Bayou, doing a traffic study on FM 1128 at Del Bello, and the "porkchop" at Hwy 6 and Meridiana Pkwy, reviewing traffic signal design for CR 58 and 288.

Consent Agenda

1. Approve the second and final reading of Ordinance No. 2024-O-26;
   AN ORDINANCE OF THE CITY OF MANVEL, TEXAS AMENDING THE ZONING ORDINANCE OF THE CITY, BY AMENDING THE ZONING CLASSIFICATION OF AN APPROXIMATELY 1.5491 ACRE TRACT OF LAND GENERALLY LOCATED EAST OF 17518 MORRIS AVENUE (STATE HIGHWAY 6), MANVEL, TEXAS FROM LIGHT COMMERCIAL AND STATE HIGHWAY 6 OVERLAY DISTRICT LC-SH6) TO LIGHT COMMERCIAL AND STATE HIGHWAY 6 OVERLAY DISTRICT WITH SPECIFIC USE PERMIT (LC/SH6-SUP); PROVIDING FOR THE GRANTING OF A SPECIFIC USE PERMIT WITH CONDITIONS TO AUTHORIZE THE USE OF PROPERTY FOR 621493 “AMBULATORY HEALTH CARE SERVICES”; PROVIDING FOR THE AMENDMENT OF THE CITY’S OFFICIAL ZONING MAP; PROVIDING FOR SEVERABILITY; AND PROVIDING A PENALTY IN AN AMOUNT NOT TO EXCEED $2,000 FOR EACH DAY OF VIOLATION OF ANY PROVISION HEREOF. (A*pproved with conditions by PD&Z on 6/24/2024 - Vote 7-0) (Tabled by City Council on 7/1/2024, first reading approved by Council on 9/16/2024, Vote 7-0)*

2. Approve second and final reading of Ordinance 2024-O-43;
   AN ORDINANCE AMENDING CHAPTER 44 "OFFENSES AND MISCELLANEOUS PROVISIONS" OF THE CODE OF ORDINANCES OF THE CITY OF MANVEL, TEXAS, BY AMENDING ARTICLE VIII. "SEXUAL OFFENDERS" TO REVISE REGULATIONS PERTAINING TO SEXUAL OFFENDERS; PROVIDING A PENALTY IN AN AMOUNT NOT TO EXCEED $2,000.00 PER DAY FOR EACH DAY OF VIOLATION OF ANY PROVISION HEREOF; AND PROVIDING FOR SEVERABILITY.

3. Approve an Interlocal Agreement between Brazoria County and the City of Manvel (IS25-002) for FY 25 Road Repair Assistance.

4. Acceptance of infrastructure improvements for Pomona Parkway Pedestrian Crosswalks Phase 2 to Serve Brazoria County Municipal Utility District No. 39, Brazoria County, Texas to begin the Two-Year Maintenance Period.

5. Acceptance of infrastructure improvements for Lake "A" to Serve Valencia for Brazoria County Municipal Utility District No. 83, Brazoria County, Texas. to begin the Two-Year Maintenance Period.

6. Acceptance of infrastructure improvements for Paving and Appurtenances to Serve Pomona Section 28 for Brazoria County Municipal Utility District No. 40, Brazoria County, Texas to begin the Two-Year Maintenance Period.

7. Acceptance of infrastructure improvements for Water, Sanitary Sewer and Drainage Facilities to Serve Pomona Section 28 for Brazoria County Municipal Utility District No. 40, Brazoria County, Texas to begin the Two-Year Maintenance Period.

8. Acceptance of the meeting minutes to date.

   <u>Councilmember Bonner made the motion to approve the Consent Agenda. Councilmember Opliger seconded the motion.</u>

   <u>The motion carried with a vote: 6/0</u>

   Yes: Mayor Dan Davis, City Councilmember Place 1 Keith Bonner, City Councilmember Place 3 Harry Opliger, City Councilmember Place 4 Ed Perry, City Councilmember Place 5 Crystal Sarmiento, City Councilmember Place 6 Jerome Hudson

   No: None

   Absent: City Councilmember Place 2 David Lands

   Abstained: None

Items Removed from Consent Agenda

None

Regular Agenda

1. Consideration and possible action to approve the first of two readings of Ordinance 2024-O-35; AN ORDINANCE OF THE CITY OF MANVEL, TEXAS AMENDING THE ZONING ORDINANCE OF THE CITY, BY AMENDING ORDINANCE NO. 2020-O-14 PERTAINING TO ZONING AND DEVELOPMENT RELATED PROVISIONS AND REQUIREMENTS FOR DEL BELLO LAKES PLANNED UNIT DEVELOPMENT (PUD) TO AUTHORIZE NAICS USE CODE 4411 "MOTOR VEHICLE DEALER" FOR THE COMMERCIAL PROPERTY GENERALLY LOCATED AT THE SOUTHEAST CORNER OF HIGHWAY 288 AND DEL BELLO BOULEVARD; PROVIDING FOR THE AMENDMENT OF THE CITY'S OFFICIAL ZONING MAP, PROVIDING FOR SEVERABILITY; AND PROVIDING A PENALTY IN AN

AMOUNT NOT TO EXCEED $2,000 FOR EACH DAY OF VIOLATION OF ANY PROVISION HEREOF. *(Favorable recommendation by PD&Z failed on 10/15/2024, Vote 1-5)* **The Applicant has requested postponement of action by Council on this item until the 11/4/2024 City Council meeting.*

Mayor Davis made the motion to postpone until 11/18/2024. Councilmember Bonner seconded the motion.

The motion carried with a vote: 6/0

Yes: Mayor Dan Davis, City Councilmember Place 1 Keith Bonner, City Councilmember Place 3 Harry Opliger, City Councilmember Place 4 Ed Perry, City Councilmember Place 5 Crystal Sarmiento, City Councilmember Place 6 Jerome Hudson
No: None
Absent: City Councilmember Place 2 David Lands
Abstained: None

2. Consideration and possible action to approve the first of two readings of Ordinance 2024-O-41; AN ORDINANCE OF THE CITY OF MANVEL, TEXAS AMENDING THE ZONING ORDINANCE OF THE CITY, BY AMENDING THE ZONING CLASSIFICATION OF AN APPROXIMATE 6.910 ACRES BOUNDED BY OLD MASSEY RANCH ROAD (NORTH), THE BRISCOE CANAL (EAST), AND RESIDENTIALLY DEVELOPED PROPERTIES (SOUTH AND EAST), FROM HUD-CODE MANUFACTURED HOME DISTRICT (HCMH) TO HUD-CODE MANUFACTURED HOME DISTRICT WITH SPECIFIC USE PERMIT (HCMH-SUP); PROVIDING FOR THE GRANTING OF A SPECIFIC USE PERMIT WITH CONDITIONS TO AUTHORIZE THE USE OF PROPERTY FOR NAICS USE 813110 "RELIGIOUS ORGANIZATIONS"; PROVIDING FOR THE AMENDMENT OF THE CITY'S OFFICIAL ZONING MAP; PROVIDING FOR SEVERABILITY; AND PROVIDING A PENALTY IN AN AMOUNT NOT TO EXCEED $2,000 FOR EACH DAY OF VIOLATION OF ANY PROVISION HEREOF. *(Forwarded with favorable recommendation by PD&Z on 10/15/24, Vote 6-0).*

Mayor Davis made the motion to amend Exhibit B to strike the word Autozone and insert the word church. Councilmember Bonner seconded the motion.

The motion carried with a vote: 6/0

Yes: Mayor Dan Davis, City Councilmember Place 1 Keith Bonner, City Councilmember Place 3 Harry Opliger, City Councilmember Place 4 Ed Perry, City Councilmember Place 5 Crystal Sarmiento, City Councilmember Place 6 Jerome Hudson
No: None
Absent: City Councilmember Place 2 David Lands
Abstained: None

Councilmember Bonner made the motion to approve as amended. Councilmember Perry seconded the motion.

The motion carried with a vote: 6/0

Yes: Mayor Dan Davis, City Councilmember Place 1 Keith Bonner, City Councilmember Place 3 Harry Opliger, City Councilmember Place 4 Ed Perry, City Councilmember Place 5 Crystal Sarmiento, City Councilmember Place 6 Jerome Hudson
No: None
Absent: City Councilmember Place 2 David Lands
Abstained: None

3. Consideration and possible action to approve the first of two readings of Ordinance 2024-O-42; AN ORDINANCE AMENDING THE CODE OF ORDINANCES OF THE CITY OF MANVEL, TEXAS, CHAPTER 71. "UTILITIES" BY ADOPTING NEW RATES FOR WATER AND SEWER; MAKING OTHER CHANGES TO THE ORDINANCE GOVERNING THE PROVISION OF UTILITIES WITHIN THE CITY OF MANVEL; PROVIDING A PENALTY IN AN AMOUNT NOT TO EXCEED $2,000.00 FOR ANY VIOLATION OF ANY PROVISION OF THIS ORDINANCE; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES INCONSISTENT OR IN CONFLICT HEREWITH; AND PROVIDING FOR SEVERABILITY. *(Postponed at the 10/7/2024 City Council Meeting)*

   Councilmember Bonner made the motion to approve. Councilmember Hudson seconded the motion.

   The motion carried with a vote: 4/2

   Yes: City Councilmember Place 1 Keith Bonner, City Councilmember Place 3 Harry Opliger, City Councilmember Place 4 Ed Perry, City Councilmember Place 6 Jerome Hudson
   No: Mayor Dan Davis, City Councilmember Place 5 Crystal Sarmiento
   Absent: City Councilmember Place 2 David Lands
   Abstained: None

4. Consideration and possible action to approve Resolution 2024-R-33;
   A RESOLUTION APPROVING THE ISSUANCE OF BONDS BY THE SOUTH MANVEL DEVELOPMENT AUTHORITY ON BEHALF OF REINVESTMENT ZONE NUMBER THREE, CITY OF MANVEL, TEXAS; AND MAKING CERTAIN FINDINGS RELATING THERETO.

   Councilmember Hudson made the motion to approve. Councilmember Opliger seconded the motion.

   The motion carried with a vote: 6/0

   Yes: Mayor Dan Davis, City Councilmember Place 1 Keith Bonner, City Councilmember Place 3 Harry Opliger, City Councilmember Place 4 Ed Perry, City Councilmember Place 5 Crystal Sarmiento, City Councilmember Place 6 Jerome Hudson
   No: None
   Absent: City Councilmember Place 2 David Lands
   Abstained: None

5. Consideration and possible action to approve Resolution 2024-R-34;
   A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MANVEL, TEXAS, APPROVING AN "ADVANCE FUNDING AGREEMENT FOR LOCALLY FUNDED PROJECT OFF-SYSTEM" WITH TXDOT FOR THE REPLACEMENT OF THE BRIDGE AND APPROACHES ON IOWA LANE AT THE GULF COAST WATER AUTHORITY CANAL, WITH LOCAL SHARE FOR THIS PORTION OF THE PROJECT IN THE ESTIMATED AMOUNT OF $86,270.59.

   Councilmember Bonner made the motion to approve. Councilmember Hudson seconded the motion.

   The motion carried with a vote: 6/0

   Yes: Mayor Dan Davis, City Councilmember Place 1 Keith Bonner, City Councilmember Place 3 Harry Opliger, City Councilmember Place 4 Ed Perry, City Councilmember Place 5 Crystal Sarmiento, City Councilmember Place 6 Jerome Hudson
   No: None

Absent: City Councilmember Place 2 David Lands
Abstained: None

6. Consideration and possible action regarding compensation of the City Attorney.

Mayor Davis reopened the executive sessions at 7:10 p.m.
Mayor Davis reconvened the meeting out of the executive sessions at 10:04 p.m.
No action was taken during the executive sessions.

Mayor Davis made the motion to approve a cost of living increase from 3% to 6%, backdated to October 1st, 2024. Councilmember Sarmiento seconded the motion.
The motion carried with a vote: 6/0

Yes: Mayor Dan Davis, City Councilmember Place 1 Keith Bonner, City Councilmember Place 3 Harry Opliger, City Councilmember Place 4 Ed Perry, City Councilmember Place 5 Crystal Sarmiento, City Councilmember Place 6 Jerome Hudson
No: None
Absent: City Councilmember Place 2 David Lands
Abstained: None

Mayor and Council Comments

Mayor Davis asks that impact fees be on a later agenda.

Adjourn

Councilmember Bonner made the motion to adjourn the meeting at 10:06 p.m. Mayor Davis seconded the motion.
The motion carried with a vote: 6/0

Yes: Mayor Dan Davis, City Councilmember Place 1 Keith Bonner, City Councilmember Place 3 Harry Opliger, City Councilmember Place 4 Ed Perry, City Councilmember Place 5 Crystal Sarmiento, City Councilmember Place 6 Jerome Hudson
No: None
Absent: City Councilmember Place 2 David Lands
Abstained: None

CERTIFICATION

TAMMY BELL, CITY SECRETARY
CITY OF MANVEL, TEXAS

DAN DAVIS, MAYOR
CITY OF MANVEL, TEXAS

Crowe LLP
Independent Member Crowe Global

9 Greenway Plaza #2100,
Houston, TX 77046
Tel +1 713 667 9147
Fax +1 713 667 1697
www.crowe.com

October 21, 2024

Daniel S. Johnson, City Manager/City Engineer
City of Manvel, Texas
20025 Highway 6
Manvel, Texas 77578-3801

This letter confirms the arrangements for Crowe LLP ("Crowe" or "us" or "we" or "our") to provide the professional services discussed in this letter to City of Manvel, Texas ("you", "your" or "Client"). The attached Crowe Engagement Terms, and any other attachments thereto, are integral parts of this letter, and such terms are incorporated herein.

AUDIT SERVICES

Our Responsibilities

We will audit and report on the financial statements of the Client for the year ending September 30, 2024.

We will audit and report on the financial statements of the governmental activities, the business-type activities, the discretely presented component unit, each major fund, the aggregate remaining fund information, and the disclosures, which collectively comprise the basic financial statements of the Client for the period indicated.

The component units will be audited as part of the audit of the financial statements of the Client as noted below:

1. Manvel Economic Development Corporation: Discretely Presented, No Separate Financial Statements
2. Manvel Cultural Education Facilities Finance Corporation: Discretely Presented, No Separate Financial Statements
3. Manvel Education Facilities Corporation: Discretely Presented, No Separate Financial Statements
4. South Manvel Development Authority: Blended, Separate Financial Statements
5. Tax Increment Reinvestment Zone No. 3: Blended, No Separate Financial Statements

In addition to our report on the financial statements, we plan to evaluate the presentation of the following supplementary information in relation to the financial statements as a whole, and to report on whether this supplementary information is fairly stated, in all material respects, in relation to the financial statements as a whole.

- Combining Statement(s) and Schedule(s)
- Budgetary Comparison Schedule(s)

In addition to our report on the financial statements, we also plan to perform specified procedures in order to describe in our report whether the following required supplementary information is presented in accordance with applicable guidelines. However, we will not express an opinion or provide any assurance on this information due to our limited procedures.

- Management's Discussion and Analysis
- Budgetary Comparison Schedule(s)
- Pension Schedule(s), as applicable
- OPEB Schedule(s), as applicable

The document will also include the following additional information that will not be subjected to the auditing procedures applied in our audit of the financial statements, and for which our auditor's report will disclaim an opinion:

- Introductory Section

The objective of the audit is the expression of an opinion on the financial statements. We will plan and perform the audit in accordance with auditing standards generally accepted in the United States of America, the standards for financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States, and the audit requirements of Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Those standards require that we obtain reasonable, rather than absolute, assurance about whether the financial statements are free of material misstatement whether caused by error or fraud, and that we report on the Schedule of Expenditures of Federal Awards (as noted above), and on your compliance with laws and regulations and on its internal controls as required for a Single Audit. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements is considered material if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the entity's compliance with the requirements of the federal programs as a whole. Because of inherent limitations of an audit, together with the inherent limitations of internal control, an unavoidable risk that some material misstatements may not be detected exists, even though the audit is properly planned and performed in accordance with applicable standards. An audit is not designed to detect error or fraud that is immaterial to the financial statements.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment including the assessment of the risks that the financial statements could be misstated by an amount that we believe would influence the judgment made by a reasonable user of these financial statements. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements. As required by the standards, we will maintain professional skepticism throughout the audit.

In making our risk assessments, we obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances but not for the purpose of expressing an opinion on the effectiveness of the Client's internal control. However, we will communicate in writing to those charged with governance and management concerning any significant deficiencies or material weaknesses in internal control relevant to the audit of the financial statements that we have identified during the audit. We will communicate to management other deficiencies in internal control identified during the audit that have not been communicated to management by other parties and that, in our professional judgment, are of sufficient importance to merit management's attention. We will also communicate certain matters related to the conduct of the audit to those charged with governance, including (1) fraud involving senior management, and fraud (whether caused by senior management or other employees) that causes a material misstatement of the financial statements, (2) illegal acts that come to our attention (unless they are clearly inconsequential) (3) disagreements with management and other significant difficulties encountered in performing the audit and (4) various matters related to the Client's accounting policies and financial statements. Our engagement is not designed to address legal or regulatory matters, which matters should be discussed by you with your legal counsel.

As part of our audit, we will conclude, based on the audit evidence obtained, whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Client's ability to continue as a going concern for a reasonable period of time.

We expect to issue a written report upon completion of our audit of the Client's financial statements. Our report will be addressed to those charged with governance of the Client. Circumstances may arise in which it is necessary for us to modify our opinion, add an emphasis of matter or other matter paragraph or a separate section in the auditor's report, or withdraw from the engagement.

In addition to our report on the financial statements and supplemental information, we plan to issue the following reports:

- Independent Auditor's Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards* — The purpose of this report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Client's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

- Independent Auditor's Report on Compliance for Each Major Federal Program and Report on Internal Control Over Compliance -- The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

We will also perform tests of controls including testing underlying transactions, as required by the Uniform Guidance, to evaluate the effectiveness of the design and operation of controls that we consider relevant to preventing or detecting material noncompliance with compliance requirements applicable to each of your major federal awards programs. We will determine major programs in accordance with the Uniform Guidance. Our tests will be less in scope than would be necessary to render an opinion on these controls and, accordingly, no opinion will be expressed. We will inform you of any non-reportable conditions or other matters involving internal control, if any, as required by the Uniform Guidance.

As part of obtaining reasonable assurance about whether the financial statements are free of material misstatement, we will also perform tests of your compliance with applicable laws, regulations, contracts and grants. However, because of the concept of reasonable assurance and because we will not perform a detailed examination of all transactions, there is a risk that material errors, irregularities, or illegal acts, including fraud or defalcations, may exist and not be detected by us. However, the objective of our audit of compliance relative to the financial statements will not be to provide an opinion on overall compliance with such provisions, and we will not express such an opinion. We will advise you, however, of any matters of that nature that come to our attention, unless they are clearly inconsequential.

The Uniform Guidance requires that we plan and perform the audit to obtain reasonable assurance about whether you have complied with certain provisions of laws, regulations, contracts and grants. Our procedures will consist of the applicable procedures described in the United States Office of Management and Budget (OMB) Compliance Supplement for the types of compliance requirements that could have a direct and material effect on each of your major programs. The purpose of our audit will be to express an opinion on your compliance with requirements applicable to major Federal award programs. Because an audit is designed to provide reasonable assurance, but not absolute assurance, the audit is not designed to detect immaterial violations or instances of noncompliance.

Our audit and work product are intended for the benefit and use of the Client only. The audit will not be planned or conducted in contemplation of reliance by any other party or with respect to any specific transaction and is not intended to benefit or influence any other party. Therefore, items of possible interest to a third party may not be specifically addressed or matters may exist that could be assessed differently by a third party.

The working papers for this engagement are the property of Crowe and constitute confidential information.

However, we may be requested to make certain working papers available to your oversight agency or grantors pursuant to authority given to them by law, regulation, or contract. If requested, access to such working papers will be provided under the supervision of our personnel. Furthermore, upon request, we may provide photocopies of selected working papers to your oversight agency or grantors. The working papers for this engagement will be retained for a minimum of three years after the date our report is issued or for any additional period requested by the oversight agency or pass-through entity. If we are aware that a federal awarding agency, pass-through entity, or auditee is contesting an audit finding, we will contact the party contesting the audit finding for guidance prior to destroying the working papers.

Government Auditing Standards require that we provide you with a copy of our most recent peer review report, which accompanies this letter.

The Client's Responsibilities

The Client's management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America. Management is also responsible for the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to error or fraud.

The Client's management is also responsible for complying with applicable laws, regulations, contracts and grants and such responsibility extends to identifying the requirements and designing internal control policies and procedures to provide reasonable assurance that compliance is achieved. Management has the responsibility to make Crowe aware of significant contractor relationships in which the contractor is responsible for program compliance. Client's management is responsible for taking timely and appropriate steps to remedy fraud and noncompliance with provisions of laws, regulations, contracts, and grant agreements that the auditor reports. Additionally, it is management's responsibility to follow up and take corrective action on reported audit findings, to establish and maintain a process for tracking the status of findings and recommendations, and to prepare a summary schedule of prior audit findings, which should be available for our review, and a corrective action plan.

Management has the responsibility to adopt sound accounting policies, maintain an adequate and efficient accounting system, to safeguard assets, and to design and implement programs and controls to prevent and detect fraud. Management's judgments are typically based on its knowledge and experience about past and current events and its expected courses of action. Management's responsibility for financial reporting includes establishing a process to prepare the accounting estimates included in the financial statements and to devise policies to ensure that the Client complies with applicable laws and regulations.

Management is responsible for providing to us, on a timely basis, all information of which management is aware that is relevant to the preparation and fair presentation of the financial statements, such as records, documentation, and other matters. Management is also responsible for providing such other additional information we may request for the purpose of the audit, and unrestricted access to persons within the Client from whom we determine it necessary to obtain audit evidence. Additionally, those charged with governance are responsible for informing us of their views about the risks of fraud within the Client, and their knowledge of any fraud or suspected fraud affecting the Client.

Management is responsible for adjusting the financial statements to correct material misstatements related to accounts or disclosures. As part of our audit process, we will request from management written confirmation concerning representations made to us in connection with the audit, including that the effects of any uncorrected misstatements aggregated by us during the audit are immaterial, both individually and in the aggregate, to the financial statements, and to the Client's compliance with the requirements of its Federal programs. Management acknowledges the importance of management's representations and responses to our inquiries, and that they will be utilized as part of the evidential matter we will rely on in forming our opinion. Because of the importance of such information to our engagement, you agree to waive any claim against Crowe and its personnel for any liability and costs relating to or arising from any inaccuracy or incompleteness of information provided to us for purposes of this engagement.

Management is responsible for the preparation of the supplementary information identified above in accordance with the applicable criteria. As part of our audit process, we will request from management certain written representations regarding management's responsibilities in relation to the supplementary information presented, including but not limited to its fair presentation in accordance with the applicable criteria, the method of measurement and presentation and any significant assumptions or interpretations underlying the supplementary information. In addition, it is management's responsibility to include the auditor's report on supplementary information in any document that contains the supplementary information and that indicates that we have reported on such supplementary information. It is also management's responsibility to present the supplementary information with the audited financial statements or, if the supplementary information will not be presented with the audited financial statements, to make the audited financial statements readily available to the intended users of the supplementary information no later than the date of issuance by Client of the supplementary information and the auditor's report thereon.

Management is responsible for the preparation of the required supplementary information identified above in accordance with the applicable guidelines. We will request from management certain written representations regarding management's responsibilities in relation to the required supplementary information presented, including but not limited to whether it has been measured and presented in accordance with prescribed guidelines, the method of measurement and presentation and any significant assumptions or interpretations underlying the supplementary information.

At the conclusion of the engagement, it is management's responsibility to submit the reporting package (including financial statements, schedule of expenditures of federal awards, summary schedule of prior audit findings, auditor's reports, and corrective action plan) along with the Data Collection Form to the designated federal clearinghouse and, if appropriate, to pass-through entities. The Data Collection Form and the reporting package must be submitted within the earlier of thirty days after receipt of the auditor's reports or nine months after the end of the audit period.

Management is responsible for report distribution responsibilities, including determining which officials or organizations will receive the report and making the report available to the public as applicable when the audit organization is responsible for report distribution.

OTHER SERVICES

<u>Financial Statement Preparation</u>

The Client will provide us with the necessary information to assist in the preparation of the draft financial statements including the notes thereto. We are relying on the Client to provide us with the detailed trial balance, note disclosure information and any other relevant report information in a timely fashion and ensure the data is complete and accurate. Management is solely responsible for the presentation of the financial statements.

Data Collection Form Input Services

We will provide assistance in completing sections of the Data Collection Form (DCF) relative to its federal award programs pursuant to the requirements of Section §200.512 of the Uniform Guidance that are promulgated to be completed by the Client. While we may provide this data entry service and assist you in satisfying your electronic data communication requirements to the Federal Audit Clearinghouse, the completeness and accuracy of this information remains the responsibility of your management.

With respect to the above other services, we will perform the services in accordance with applicable professional standards. We, in our sole professional judgment, reserve the right to refuse to do any procedure or take any action that could be construed as making management decisions or assuming management responsibilities. In connection with performing the above other services, you agree to: assume all management responsibilities including making all management decisions; oversee the service by designating an individual, preferably within senior management, who possesses suitable skill, knowledge, and/or experience; evaluate the adequacy and results of the services performed; and accept responsibility for the results of the services.

In delivering services to Client, Crowe may use subsidiaries owned and controlled by Crowe. Crowe subsidiaries are subject to the same information security policies and requirements as Crowe LLP and will meet the requirements set forth in the confidentiality and data protection provisions of this Agreement.

FEES

Our fees are outlined below.

Description of Services	**Fee Amount**
Financial Statement Audit – City of Manvel, Texas	$28,875
ACFR Preparation Fee – City of Manvel, Texas (optional)	$4,995
Additional Fees, If Required:	
Single Audit – Base Fee	$4,045
Single Audit – Per Major Program	$5,120

We will invoice you as our services are rendered. Generally, 40 percent will be billed and payable upon completion of interim audit procedures (normally one to four months before year end) and 60 percent after a draft of the Financial Statements are issued. Accordingly, the fee will be split 40/60 between budget years.

Our invoices are due and payable upon receipt. Invoices that are not paid within 30 days of receipt are subject to a monthly interest charge of one percent per month or the highest interest rate allowed by law, whichever is less, which we may elect to waive at our sole discretion, plus costs of collection including reasonable attorneys' fees. If any amounts invoiced remain unpaid 30 days after the invoice date, you agree that Crowe may, in its sole discretion, cease work until all such amounts are paid or terminate this engagement.

The fees outlined above are based on certain assumptions. Those assumptions may be incorrect due to incomplete or inaccurate information provided, or circumstances may arise under which we must perform additional work, which in either case will require additional billings for our services. Examples of such circumstances include, but are not limited to:

- Changing service requirements
- New professional standards or regulatory requirements
- New financial statement disclosures

- Work caused due to the identification of, and management's correction of, inappropriate application of accounting pronouncements
- Erroneous or incomplete accounting records
- Evidence of material weakness or significant deficiencies in internal controls
- Substantial increases in the number of significant deficiencies in internal controls
- Regulatory examination matters
- Change in your organizational structure or size due to merger and acquisition activity or other events
- Change in your controls
- New or unusual transactions
- Agreed-upon level of preparation and assistance from your personnel not provided
- Numerous revisions to your information
- Lack of availability of appropriate Client personnel during fieldwork.

A federal single audit is required by the OMB's Uniform Guidance when federal funds over $750,000 are expended. Federal single audit fees vary based on the number of major programs as defined by OMB. Accordingly, the federal single audit fee consists of a 'Federal Single Audit-Base Fee' to cover basic fixed amounts and the 'Federal Single Audit-Per Major Program Fee', which is the scalable portion dependent on the actual number of major programs. The number of major programs is established by OMB criteria. If a federal single audit is required, there will be at least one major program. Prior year federal single audit reports will help plan for the number of major programs, but they will vary from year to year based on the level of federal funding. Should you not exceed OMB's federal single audit threshold, a federal single audit will not be required. If you anticipate exceeding the federal single audit threshold, please contact us as far in advance as possible so that we can begin doing preliminary federal single audit work.

A state single audit is required when grant funds that originated from the State of Texas (this does not include federal monies passed through the State) over $750,000 are expended. State single audit fees vary based on the number of major programs as defined by the *State of Texas Single Audit Circular*. The additional technical verbiage that is necessary when a state single audit is required is not included within this engagement letter, nor does the proposed engagement fee(s) include additional fees related to a state single audit. Should you exceed the state single audit thresholds, a new engagement letter will be required.

Additionally, to accommodate requests to reschedule fieldwork without reasonable notice, additional billings for our services could be required, and our assigned staffing and ability to meet agreed upon deadlines could be impacted.

Due to such potential changes in circumstance, we reserve the right to revise our fees. However, if such a change in circumstances arises or if some other significant change occurs that causes our fees to exceed our estimate, we will advise management.

Our fees are exclusive of taxes or similar charges, as well as customs, duties or tariffs, imposed in respect of the Services, any work product or any license, all of which Client agrees to pay if applicable or if they become applicable (other than taxes imposed on Crowe's income generally), without deduction from any fees or expenses invoiced to Client by Crowe.

The Client and Crowe agree that the Client may periodically request Crowe to provide additional services for accounting and reporting advice regarding completed transactions and potential or proposed transactions. The fees for such additional services will be based on Crowe's hourly billing rates plus expenses or as mutually agreed upon between the Client and Crowe.

To facilitate Crowe's presence at Client's premises, Client will provide Crowe with internet access while on Client's premises. Crowe will access the internet using a secure virtual private network. Crowe will be responsible for all internet activity performed by its personnel while on Client's premises. In the event

Client does not provide Crowe with internet access while on Client's premises, Client will reimburse Crowe for the cost of internet access through other means while on Client's site.

FOREIGN TERRORISTS ORGANIZATIONS

Pursuant to Chapter 2252, Texas Government Code, Crowe represents and certifies that, at the time of execution of this Agreement, neither Crowe nor any wholly owned subsidiary, majority-owned subsidiary, parent company, or affiliate of the same (i) engages in business with Iran, Sudan, or any foreign terrorist organization as described in Chapters 806 or 807 of the Texas Government Code or Subchapter F of Chapter 2252 of the Texas Government Code or (ii) is a company listed by the Texas Comptroller of Public Accounts under Sections 806.051, 807.051, or 2252.153 of the Texas Government Code. The term 'foreign terrorist organization' in this paragraph has the meaning assigned to such term in Section 2252.151 of the Texas Government Code.

REPRESENTATION REGARDING ISRAEL

Pursuant to Chapter 2271, Texas Government Code, Crowe represents that it does not boycott Israel and will not boycott Israel during the term of the Agreement. The term 'boycott Israel' shall have the meaning ascribed to this term in Section 808.001 of the Texas Government Code.

REQUIRED NON-APPROPRIATION CLAUSE

Notwithstanding anything contained in this Agreement to the contrary, in the event no funds or insufficient funds are appropriated and budgeted or are otherwise unavailable in any fiscal period for fees due under this Agreement, Client will immediately notify Crowe in writing of such occurrence and this Agreement shall terminate on the last day of the fiscal period for which appropriations have been received or made.

AUTHORIZATION OF CPA'S DISCLOSURE

Any Client certified public accountant involved with assisting Crowe shall not be prohibited from disclosure of information required to be made available by the standards of the public accounting profession in reporting on the examination of financial statements. Management understands and provides permission to staff certificate or registration holders as required under the Rules of Professional Conduct, Texas Administrative Code, Title 22, Part 22, Chapter 501, Subchapter C, Section 501.75.

IMMIGRATION

Crowe represents and warrants that it shall comply with the requirements of the Immigration and Nationality Act (8 U.S.C.§ 1101 et seq.) and all subsequent immigration laws and amendments.

ENERGY COMPANY BOYCOTTS

If Crowe is required to make a verification pursuant to Section 2276.002 of the Texas Government Code, Crowe verifies that Crowe does not boycott energy companies and will not boycott energy companies during the term of the Agreement. If Crowe does not make that verification, Crowe must so indicate in its response and state why the verification is not required.

PUBLIC INFORMATION ACT

Information, documentation, and other material in connection with this Agreement may be subject to public disclosure pursuant to Chapter 552 of the Texas Government Code (the "Public Information Act"). In accordance with Section 2252.907 of the Texas Government Code, Crowe is required to make any information created or exchanged with the Client pursuant to the Agreement, and not otherwise excepted from disclosure under the Texas Public Information Act, available in a format that is accessible by the public at no additional charge to the Client.

CROWE NOT A SUCCESSOR TO BELT HARRIS PECHACEK, LLLP

Prior to May 2024, Belt Harris Pechacek, LLLP ("BHP") provided services or work product to Client similar to the services or other work product provided to Client by Crowe. Following the purchase by Crowe of certain limited assets of BHP, certain personnel of BHP joined Crowe in May 2024. However, Crowe did not buy BHP or any of BHP's obligations to BHP customers, and Crowe is not the successor to BHP. Client agrees that (a) Crowe is not a successor to BHP, (b) that BHP is solely responsible for any services or work product provided by BHP, and (c) Crowe is not responsible for any services or work product provided by BHP. Client agrees Crowe does not assume, and nothing in this Agreement will be construed to mean Crowe assumes, any liabilities or obligations of BHP arising from or relating to any services, deliverables, or work product provided by BHP prior to the effective date of this Agreement.

CONSENT

Prior to May 2024, Belt Harris Pechacek, LLLP ("BHP") provided services or work product to Client similar to the services or other work product provided to Client by Crowe. To facilitate Crowe providing services to Client, Client hereby consents to Crowe accessing Client's information and records within BHP's working papers and other BHP files to allow Crowe to provide services or work product to Client.

MISCELLANEOUS

For purposes of this Miscellaneous section, the Acceptance section below, and all of the Crowe Engagement Terms, "Client" will mean the entity(ies) defined in the first paragraph of this letter and will also include all related parents, subsidiaries, and affiliates of Client who may receive or claim reliance upon any Crowe deliverable.

Crowe will provide the services to Client under this Agreement as an independent contractor and not as Client's partner, agent, employee, or joint venturer under this Agreement. Neither Crowe nor Client will have any right, power or authority to bind the other party.

This engagement letter agreement (the "Agreement") reflects the entire agreement between the parties relating to the services (or any reports, deliverables or other work product) covered by this Agreement. The engagement letter and any attachments (including without limitation the attached Crowe Engagement Terms) are to be construed as a single document, with the provisions of each section applicable throughout. This Agreement may not be amended or varied except by a written document signed by each party. No provision of this Agreement will be deemed waived, unless such waiver will be in writing and signed by the party against which the waiver is sought to be enforced. It replaces and supersedes any other proposals, correspondence, agreements and understandings, whether written or oral, relating to the services covered by this letter, and each party agrees that in entering this Agreement, it has not relied on any oral or written representations, statements or other information not contained in or incorporated into this Agreement. Any non-disclosure or other confidentiality agreement is replaced and superseded by this Agreement. Each party shall remain obligated to the other party under all provisions of this Agreement that expressly or by their nature extend beyond and survive the expiration or termination of this Agreement. If any provision (in whole or in part) of this Agreement is found unenforceable or invalid, this will not affect the remainder of the provision or any other provisions in this Agreement, all of which will continue in effect as if the stricken portion had not been included. This Agreement may be executed in two or more actual, scanned, emailed, or electronically copied counterparts, each and all of which together are one and the same instrument. Accurate transmitted copies (transmitted copies are reproduced documents that are sent via mail, delivery, scanning, email, photocopy, facsimile or other process) of the executed Agreement or signature pages only (whether handwritten or electronic signature), will be considered and accepted by each party as documents equivalent to original documents and will be deemed valid, binding and enforceable by and against all parties. This Agreement, including any dispute arising out of or related to this Agreement and the parties' relationship generally, will be governed and construed in accordance with the laws of the State of Texas applicable to agreements made and wholly performed in that state, without giving effect to its conflict of laws rules to the extent those rules would require applying another jurisdiction's laws.

* * * * *

We are pleased to have this opportunity to serve you, and we look forward to a continuing relationship. If the terms of this letter and the attached Crowe Engagement Terms are acceptable to you, please sign below and return one copy of this letter at your earliest convenience. Please contact us with any questions or concerns.

(Signature Page Follows)

ACCEPTANCE

I have reviewed the arrangements outlined above and in the attached “Crowe Engagement Terms,” and I accept on behalf of the Client the terms and conditions as stated. By signing below, I represent and warrant that I am authorized by Client to accept the terms and conditions as stated.

IN WITNESS WHEREOF, Client and Crowe have duly executed this engagement letter effective the date first written above.

City of Manvel, Texas	Crowe LLP
	Stephanie E Harris
Signature	Signature
	Stephanie Harris
Printed Name	Printed Name
	Partner
Title	Title
	October 21, 2024
Date	Date

Crowe Engagement Terms

Crowe wants Client to understand the terms under which Crowe provides its services to Client and the basis under which Crowe determines its fees. These terms are part of the Agreement and apply to all services described in the Agreement as well as all other services provided to Client (collectively, the "Services"), unless and until a separate written agreement is executed by the parties for separate services. Any advice provided by Crowe is not intended to be, and is not, investment advice.

CLIENT'S ASSISTANCE – For Crowe to provide Services effectively and efficiently, Client agrees to provide Crowe timely with information requested and to make available to Crowe any personnel, systems, premises, records, or other information as reasonably requested by Crowe to perform the Services. Access to such personnel and information are key elements for Crowe's successful completion of Services and determination of fees. If for any reason this does not occur, a revised fee to reflect additional time or resources required by Crowe will be mutually agreed. Client agrees Crowe will have no responsibility for any delays related to a delay in providing such information to Crowe. Such information will be accurate and complete, and Client will inform Crowe of all significant tax, accounting and financial reporting matters of which Client is aware.

PROFESSIONAL STANDARDS – As a regulated professional services firm, Crowe must follow professional standards when applicable, including the Code of Professional Conduct of the American Institute of Certified Public Accountants ("AICPA"). Thus, if circumstances arise that, in Crowe's professional judgment, prevent it from completing the engagement, Crowe retains the right to take any course of action permitted by professional standards, including declining to express an opinion or issue other work product or terminating the engagement.

REPORTS – Any information, advice, recommendations or other content of any memoranda, reports, deliverables, work product, presentations, or other communications Crowe provides under this Agreement ("Reports"), other than Client's original information, are for Client's internal use only, consistent with the purpose of the Services. Client will not rely on any draft Report. Unless required by an audit or other attestation professional standard, Crowe will not be required to update any final Report for circumstances of which we become aware or events occurring after delivery.

CONFIDENTIALITY – Except as otherwise permitted by this Agreement or as agreed in writing, neither Crowe nor Client may disclose to third parties the contents of this Agreement or any information provided by or on behalf of the other that ought reasonably to be treated as confidential and/or proprietary. Client use of any Crowe work product will be limited to its stated purpose and to Client business use only. However, Client and Crowe each agree that either party may disclose such information to the extent that it: (i) is or becomes public other than through a breach of this Agreement, (ii) is subsequently received by the recipient from a third party who, to the recipient's knowledge, owes no obligation of confidentiality to the disclosing party with respect to that information, (iii) was known to the recipient at the time of disclosure or is thereafter created independently, (iv) is disclosed as necessary to enforce the recipient's rights under this Agreement, or (v) must be disclosed under applicable law, regulations, legal process or professional standards.

CLIENT-REQUIRED CLOUD USAGE – If Client requests that Crowe access files, documents or other information in a cloud-based or web-accessed hosting service or other third-party system accessed via the internet, including, without limitation iCloud, Dropbox, Google Docs, Google Drive, a data room hosted by a third party, or a similar service or website (collectively, "Cloud Storage"), Client will confirm with any third parties assisting with or hosting the Cloud Storage that either such third party or Client (and not Crowe) is responsible for complying with all applicable laws relating to the Cloud Storage and any information contained in the Cloud Storage, providing Crowe access to the information in the Cloud Storage, and protecting the information in the Cloud Storage from any unauthorized access, including without limitation unauthorized access to the information when in transit to or from the Cloud Storage. Client represents that it has authority to provide Crowe access to information in the Cloud Storage and that providing Crowe with such access complies with all applicable laws, regulations, and duties owed to third parties.

DATA PROTECTION – If Crowe holds or uses Client information that can be linked to specific individuals who are Client's customers ("Personal Data"), Crowe will treat it as confidential as described above and comply with applicable US state and federal law and professional regulations (including, for financial institution clients, the objectives of the Interagency Guidelines Establishing Information Security Standards) in disclosing or using such information to carry out the Services. The parties acknowledge and understand that while Crowe is a service provider as defined by the California Consumer Privacy Act of 2018 and processes information on behalf of Client and pursuant to this Agreement, Crowe retains its independence as required by applicable law and professional standards for purposes of providing attest services and other related professional services. Crowe will not (1) sell Personal Data to a third party, or (2) retain, use or disclose Personal Data for any purpose other than for (a) performing the Services and its obligations on this Agreement, (b) as otherwise set forth in this Agreement, (c) to detect security incidents and protect against fraud or illegal activity, (d) to enhance and develop our products and services, including through machine learning and other similar methods and (e) as necessary to comply with applicable law or professional standards. Crowe has implemented and will maintain physical, electronic and procedural safeguards reasonably designed to (i) protect the security, confidentiality and integrity of the Personal Data, (ii) prevent unauthorized access to or use of the Personal Data, and (iii) provide proper disposal of the Personal Data (collectively, the "Safeguards"). Client warrants (i) that it has the authority to provide the Personal Data to Crowe in connection with the Services, (ii) that Client has processed and provided the Personal Data to Crowe in accordance with applicable law, and (iii) will limit the Personal Data provided to Crowe to Personal Data necessary to perform the Services. To provide the Services, Client may also need to provide Crowe with access to Personal Data consisting of protected health information, financial account numbers, Social Security or other government-issued identification numbers, or other data that, if disclosed without authorization, would trigger notification requirements under applicable law ("Restricted Personal Data"). In the event Client provides Crowe access to Restricted Personal Data, Client will consult with Crowe on appropriate measures (consistent with legal requirements and professional standards applicable to Crowe) to protect the Restricted Personal Data, such as: deleting or masking unnecessary information before making it available to Crowe, using encryption when transferring it to Crowe, or providing it to Crowe only during on-site review on Client's site. Client will provide Crowe with Restricted Personal Data only in accordance with mutually agreed protective measures. Crowe and Client will each allow opportunistic TLS encryption to provide for secure email communication, and each party will notify the other in writing if it deactivates opportunistic TLS encryption. If Client fails to allow opportunistic TLS encryption, Client agrees that each party may use unencrypted electronic media to correspond or transmit information, and Client further agrees that such use of unencrypted media will not in itself constitute a breach of any confidentiality or other obligation relating to this Agreement. Otherwise, Client and Crowe agree each may use unencrypted electronic media to correspond or transmit information and such use will not in itself constitute a breach of any confidentiality obligations under this Agreement. Crowe will reasonably cooperate with Client in responding to or addressing any request from a consumer or data subject, a data privacy authority with jurisdiction, or the Client, as necessary to enable Client to comply with its obligations under applicable data protection laws and to the extent related to Personal Data processed by Crowe. Client will promptly reimburse Crowe for any out-of-pocket expenses and professional time (at Crowe's then-current hourly rates) incurred in connection with providing such cooperation. Client will provide prompt written notice to Crowe (with sufficient detailed instructions) of any request or other act that is required to be performed by Crowe. As appropriate, Crowe shall promptly delete or procure the deletion of the Personal Data, after the cessation of any Services involving the processing of Client's Personal Data, or otherwise aggregate or de-identify the Personal Data in such a way as to reasonably prevent reidentification. Notwithstanding the foregoing, Crowe may retain a copy of the Personal Data as permitted by applicable law or professional standards, provided that such Personal Data remain subject to the terms of this Agreement. If Crowe uses a third-party provider, Crowe will include terms substantially similar to those set forth in this Data Protection Paragraph into an agreement with the provider.

GENERAL DATA PROTECTION REGULATION COMPLIANCE – If and to the extent that Client provides personal data to Crowe subject to the European Union General Data Protection Regulation ("GDPR"), then in addition to the requirements of the above Data Protection section, this section will apply to such personal data ("EU Personal Data"). The parties agree that for purposes of processing the EU Personal Data, (a) Client will be the "Data Controller" as defined by the GDPR, meaning the organization that determines the purposes and means of processing the EU Personal Data; (b) Crowe will be the "Data Processor" as defined by GDPR, meaning the organization that processes the EU Personal Data on behalf of and under the instructions of the Data Controller; or (c) the parties will be classified as otherwise designated by a supervisory authority with jurisdiction. Client and Crowe each agree to comply with the GDPR requirements applicable to its respective role. Crowe has implemented and will maintain technical and organizational security safeguards reasonably designed to protect the security, confidentiality and integrity of the EU Personal Data. Client represents it has secured all required rights and authority, including consents and notices, to provide such EU Personal Data to Crowe, including without limitation authority to transfer such EU Personal Data to the U.S. or other applicable Country or otherwise make the EU Personal Data available to Crowe, for the duration of and purpose of Crowe providing the Services. The types of EU Personal Data to be processed include name, contact information, title, and other EU Personal Data that is transferred to Crowe in connection with the Services. The EU Personal Data relates to the data subject categories of individuals connected to Client, Client customers, Client vendors, and Client affiliates or subsidiaries ("Data Subjects"). Crowe will process the EU Personal Data for the following purpose: (x) to provide the Services in accordance with this Agreement, (y) to comply with other documented reasonable instructions provided by Client, and (z) to comply with applicable law. In the event of a Crowe breach incident in connection with EU Personal Data in the custody or control of Crowe, Crowe will promptly notify Client upon knowledge that a breach incident has occurred. Client has instructed Crowe not to contact any Data Subjects directly, unless required by applicable law. In the event that a supervisory authority with jurisdiction makes the determination that Crowe is a data controller, Client will reasonably cooperate with Crowe to enable Crowe to comply with its obligations under GDPR.

INTELLECTUAL PROPERTY – Any deliverables, works, inventions, working papers, or other work product conceived, made or created by Crowe in rendering the Services under this Agreement ("Work Product"), and all intellectual property rights in such Work Product will be owned exclusively by Crowe. Upon full payment by Client, Crowe grants to Client a license to use for its business purposes any deliverables, including any other Work Product incorporated in such deliverables. Crowe will retain exclusive ownership or control of all intellectual property rights in any ideas, concepts, methodologies, data, software, designs, utilities, tools, models, techniques, systems, Reports, or other know-how that it develops, owns or licenses in connection with this Agreement as well as any enhancements to any of the above ("Materials"). The foregoing ownership will be without any duty of accounting.

CLIENT DATA USAGE – Client shall retain full ownership of all data provided to Crowe by or on behalf of Client in connection with this Agreement, and Crowe will maintain the confidentiality and protection of Client data as set forth in this Agreement. Client agrees that Crowe may, in its discretion, use any Client information or data provided to Crowe for the purpose of (a) performing the Services and its obligations under this Agreement; (b) as otherwise agreed upon in writing; (c) to further improve or develop our products and services; or (d) as necessary to comply with applicable law or professional standards.

DATA AGGREGATION & BENCHMARKING –Client agrees that Crowe may, in its discretion, aggregate Client content and data with content and data from other clients, other sources, or third parties ("Data Aggregations") for purposes including, without limitation, product and service development, commercialization, industry benchmarking, or quality improvement initiatives. Prior to, and as a precondition for, disclosing Data Aggregations to other Crowe customers or prospects, Crowe will anonymize any Client data or information in a manner sufficient to prevent such other customer or prospect from identifying Client or individuals who are Client customers. All Data Aggregations will be the sole and exclusive property of Crowe.

USE OF THIRD PARTIES IN CROWE OPERATIONS – Crowe may also utilize third-party providers used in the ordinary course of Crowe's business operations, including without limitation, providers such as Microsoft, Rackspace, Crowe Horwath IT Services LLP (a subsidiary owned and controlled by Crowe), information security providers, and other ordinary-course third-party providers.

USE OF SUBCONTRACTORS FOR SERVICE DELIVERY – Crowe may engage third-party subcontractors in delivering Services to Client. Third-party subcontractors are not owned or controlled by Crowe (including without limitation Crowe Global member firms). If Crowe engages such a subcontractor to deliver Services to Client, Crowe will execute an agreement for the protection of Client's confidential information consistent with the provisions of this Agreement. Crowe will be solely responsible for the provision of Services (including those provided by subcontractors) and for the protection of Client's confidential information. The limitations in this Agreement on Client's remedies will also apply to any subcontractors.

LEGAL AND REGULATORY CHANGE – Crowe may periodically communicate to Client changes in laws, rules or regulations. However, Client has not engaged Crowe, and Crowe does not undertake an obligation, to advise Client of changes in (a) laws, rules, regulations, industry or market conditions, or (b) Client's own business practices or other circumstances (except to the extent required by professional standards). The scope of Services and the fees for Services are based on current laws and regulations. If changes in laws or regulations change Client's requirements or the scope of the Services, Crowe's fees will be modified to a mutually agreed amount to reflect the changed level of Crowe's effort.

PUBLICATION – Client agrees to obtain Crowe's specific permission before using any Report or Crowe work product or Crowe's firm's name in a published document, and Client agrees to submit to Crowe copies of such documents to obtain Crowe's permission before they are filed or published.

CLIENT REFERENCE – From time to time Crowe is requested by prospective clients to provide references for Crowe service offerings. Client agrees that Crowe may use Client's name and generally describe the nature of Crowe's engagement(s) with Client in marketing to prospects, and Crowe may also provide prospects with contact information for Client personnel familiar with Crowe's Services.

NO PUNITIVE OR CONSEQUENTIAL DAMAGES – Any liability of Crowe will not include any consequential, special, incidental, indirect, punitive, or exemplary damages or loss, nor any lost profits, goodwill, savings, or business opportunity, even if Crowe had reason to know of the possibility of such damages.

LIMIT OF LIABILITY – Except where it is judicially determined that Crowe performed its Services with recklessness or willful misconduct, Crowe's liability will not exceed fees paid by Client to Crowe for the portion of the work giving rise to liability. A claim for a return of fees paid is the exclusive remedy for any damages. This limit of liability will apply to the full extent allowed by law, regardless of the grounds or nature of any claim asserted, including, without limitation, to claims based on principles of contract, negligence or other tort, fiduciary duty, warranty, indemnity, statute or common law. This limit of liability will also apply after this Agreement.

NO TRANSFER OR ASSIGNMENT OF CLAIMS – No claim against Crowe, or any recovery from or against Crowe, may be sold, assigned or otherwise transferred, in whole or in part.

TIME LIMIT ON CLAIMS – In no event will any action against Crowe, arising from or relating to this Agreement or the Services provided by Crowe relating to this engagement, be brought after the earlier of 1) two (2) years after the date on which occurred the act or omission alleged to have been the cause of the injury alleged; or 2) the expiration of the applicable statute of limitations or repose.

RESPONSE TO LEGAL PROCESS – If Crowe is requested by subpoena, request for information, or through some other legal process to produce documents or testimony pertaining to Client or Crowe's Services, and Crowe is not named as a party in the applicable proceeding, then Client will reimburse Crowe for its professional time, plus out-of-pocket expenses, as well as reasonable attorney fees, Crowe incurs in responding to such request.

MEDIATION – If a dispute arises, in whole or in part, out of or related to this engagement, or after the date of this agreement, between Client or any of Client's affiliates or principals and Crowe, and if the dispute cannot be settled through negotiation, Client and Crowe agree first to try, in good faith, to settle the dispute by mediation administered by the American Arbitration Association, under its mediation rules for professional accounting and related services disputes, before resorting to litigation or any other dispute-resolution procedure. The results of mediation will be binding only upon agreement of each party to be bound. Costs of any mediation will be shared equally by both parties. Any mediation will be held in Houston, Texas.

ARBITRATION – Any dispute between the parties relating to or arising from this Agreement or the parties' relationship generally will be settled by binding arbitration in Houston, Texas (or a location agreed in writing by the parties). Any issues concerning the extent to which any dispute is subject to arbitration, or concerning the applicability, interpretation, or enforceability of any of this Section, will be governed by the Federal Arbitration Act and resolved by the arbitrator(s). The arbitration will be governed by the Federal Arbitration Act and resolved by the arbitrator(s). Regardless of the amount in controversy, the arbitration will be administered by JAMS, Inc. ("JAMS"), pursuant to its Streamlined Arbitration Rules & Procedures or such other rules or procedures as the parties may agree in writing. In the event of a conflict between those rules and this Agreement, this Agreement will control. The parties may alter each of these rules by written agreement. If a party has a basis for injunctive relief, this paragraph will not preclude a party seeking and obtaining injunctive relief in a court of proper jurisdiction. The parties will agree within a reasonable period of time after notice is made of initiating the arbitration process whether to use one or three arbitrators, and if the parties cannot agree within fifteen (15) business days, the parties will use a single arbitrator. In any event the arbitrator(s) must be retired federal judges or attorneys with at least 15 years commercial law experience and no arbitrator may be appointed unless he or she has agreed to these procedures. If the parties cannot agree upon arbitrator(s) within an additional fifteen (15) business days, the arbitrator(s) will be selected by JAMS. Discovery will be permitted only as authorized by the arbitrator(s), and as a rule, the arbitrator(s) will not permit discovery except upon a showing of substantial need by a party. To the extent the arbitrator(s) permit discovery as to liability, the arbitrator(s) will also permit discovery as to causation, reliance, and damages. The arbitrator(s) will not permit a party to take more than six depositions, and no depositions may exceed five hours. The arbitrator(s) will have no power to make an award inconsistent with this Agreement. The arbitrator(s) will rule on a summary basis where possible, including without limitation on a motion to dismiss basis or on a summary judgment basis. The arbitrator(s) may enter such prehearing orders as may be appropriate to ensure a fair hearing. The hearing will be held within one year of the initiation of arbitration, or less, and the hearing must be held on continuous business days until concluded. The hearing must be concluded within ten (10) business days absent written agreement by the parties to the contrary. The time limits in this section are not jurisdictional. The arbitrator(s) will apply substantive law and may award injunctive relief or any other remedy available from a judge. The arbitrator(s) may award attorney fees and costs to the prevailing party, and in the event of a split or partial award, the arbitrator(s) may award costs or attorney fees in an equitable manner. Any award by the arbitrator(s) will be accompanied by a reasoned opinion describing the basis of the award. Any prior agreement regarding arbitration entered by the parties is replaced and superseded by this agreement. The arbitration will be governed by the Federal Arbitration Act, 9 U.S.C. §§ 1 et seq., and judgment upon the award rendered by the arbitrator(s) may be entered by any court having jurisdiction thereof. All aspects of the arbitration will be treated by the parties and the arbitrator(s) as confidential.

NON-SOLICITATION – Each party acknowledges that it has invested substantially in recruiting, training and developing the personnel who render services with respect to the material aspects of the engagement ("Key Personnel"). The parties acknowledge that Key Personnel have knowledge of trade secrets or confidential information of their employers that may be of substantial benefit to the other party. The parties acknowledge that each business would be materially harmed if the other party was able to directly employ Key Personnel. Therefore, the parties agree that during the period of this Agreement and for one (1) year after its expiration or termination, neither party will solicit Key Personnel of the other party for employment or hire the Key Personnel of the other party without that party's written consent unless the hiring or engaging party pays to the other party a fee equal to the hired or engaged Key Personnel's compensation for the prior twelve-month period with the other party.

CROWE AND EQUAL OPPORTUNITY – Crowe abides by the principles of equal employment opportunity, including without limitation the requirements of 41 CFR 60-741.5(a) and 41 CFR 60-300.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities, and prohibit discrimination against all individuals based on their race, color, religion, sex, or national origin. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability. Crowe also abides by 29 CFR Part 471, Appendix A to Subpart A. The parties agree that the notice in this paragraph does not create any enforceable rights for any firm, organization, or individual.

CROWE GLOBAL NETWORK – Crowe LLP and its subsidiaries are independent members of Crowe Global, a Swiss organization. “Crowe” is the brand used by the Crowe Global network and its member firms, but it is not a worldwide partnership. Crowe Global and each of its members are separate and independent legal entities and do not obligate each other. Crowe LLP and its subsidiaries are not responsible or liable for any acts or omissions of Crowe Global or any other Crowe Global members, and Crowe LLP and its subsidiaries specifically disclaim any and all responsibility or liability for acts or omissions of Crowe Global or any other Crowe Global member. Crowe Global does not render any professional services and does not have an ownership or partnership interest in Crowe LLP or any other member. Crowe Global and its other members are not responsible or liable for any acts or omissions of Crowe LLP and its subsidiaries and specifically disclaim any and all responsibility or liability for acts or omissions of Crowe LLP and its subsidiaries. Visit www.crowe.com/disclosure for more information about Crowe LLP, its subsidiaries, and Crowe Global.

Cherry Bekaert LLP
Your Guide Forward

Report on the Firm's System of Quality Control

To the Partners of Crowe LLP
and the National Peer Review Committee

We have reviewed the system of quality control for the accounting and auditing practice of Crowe LLP (the "Firm") applicable to engagements not subject to Public Company Accounting Oversight Board ("PCAOB") permanent inspection in effect for the year ended March 31, 2022. Our peer review was conducted in accordance with the Standards for Performing and Reporting on Peer Reviews established by the Peer Review Board of the American Institute of Certified Public Accountants ("Standards").

A summary of the nature, objectives, scope, limitations of, and the procedures performed in a system review as described in the Standards may be found at www.aicpa.org/prsummary. The summary also includes an explanation of how engagements identified as not performed or reported on in conformity with applicable professional standards, if any, are evaluated by a peer reviewer to determine a peer review rating.

Firm's Responsibility
The Firm is responsible for designing and complying with a system of quality control to provide the Firm with reasonable assurance of performing and reporting in conformity with the requirements of applicable professional standards in all material respects. The Firm is also responsible for evaluating actions to promptly remediate engagements deemed as not performed or reported on in conformity with the requirements of applicable professional standards, when appropriate, and for remediating weaknesses in its system of quality control, if any.

Peer Reviewer's Responsibility
Our responsibility is to express an opinion on the design of and compliance with the Firm's system of quality control based on our review.

Required Selections and Considerations
Engagements selected for review included engagements performed under *Government Auditing Standards*, including compliance audits under the Single Audit Act; audits of employee benefit plans; audits performed under Federal Deposit Insurance Corporation Improvement Act of 1991 (FDICIA); and examinations of service organizations (SOC 1® and SOC 2® engagements).

As a part of our peer review, we considered reviews by regulatory entities as communicated by the Firm, if applicable, in determining the nature and extent of our procedures.

Opinion
In our opinion, the system of quality control for the accounting and auditing practice of Crowe LLP applicable to engagements not subject to PCAOB permanent inspection in effect for the year ended March 31, 2022, has been suitably designed and complied with to provide the Firm with reasonable assurance of performing and reporting in conformity with applicable professional standards in all material respects. Firms can receive a rating of *pass, pass with deficiency(ies),* or *fail*. Crowe LLP has received a peer review rating of *pass*.

Cherry Bekaert LLP

Cherry Bekaert LLP
September 29, 2022

AICPA

National Peer
Review Committee

October 20, 2022

Mark Baer
Crowe LLP
225 W Wacker DR Ste 2600
Chicago, IL 60606-1228

Dear Mark Baer:

It is my pleasure to notify you that on October 13, 2022, the National Peer Review Committee accepted the report on the most recent System Review of your firm. The due date for your next review is September 30, 2025. This is the date by which all review documents should be completed and submitted to the administering entity.

As you know, the report had a peer review rating of pass. The Committee asked me to convey its congratulations to the firm.

Thank you for your cooperation.

Sincerely,

Michael Wagner
Chair, National PRC

+1.919.402.4502

cc: Jeffrey Sabetta, Jennifer Allen

Firm Number: 900010014904 Review Number: 592839

220 Leigh Farm Road, Durham, NC 27707-8110
T: +1.919.402.4502 F: +1.919.419.4713
aicpaglobal.com | cimaglobal.com | aicpa.org | cima.org

ORDINANCE NO. 2024-O-41

AN ORDINANCE OF THE CITY OF MANVEL, TEXAS AMENDING THE ZONING ORDINANCE OF THE CITY, BY AMENDING THE ZONING CLASSIFICATION OF AN APPROXIMATE 6.910 ACRES BOUNDED BY OLD MASSEY RANCH ROAD (NORTH), THE BRISCOE CANAL (EAST), AND RESIDENTIALLY DEVELOPED PROPERTIES (SOUTH AND EAST), FROM HUD-CODE MANUFACTURED HOME DISTRICT (HCMH) TO HUD-CODE MANUFACTURED HOME DISTRICT WITH SPECIFIC USE PERMIT (HCMH-SUP); PROVIDING FOR THE GRANTING OF A SPECIFIC USE PERMIT WITH CONDITIONS TO AUTHORIZE THE USE OF PROPERTY FOR NAICS USE 813110 "RELIGIOUS ORGANIZATIONS"; PROVIDING FOR THE AMENDMENT OF THE CITY'S OFFICIAL ZONING MAP; PROVIDING FOR SEVERABILITY; AND PROVIDING A PENALTY IN AN AMOUNT NOT TO EXCEED $2,000 FOR EACH DAY OF VIOLATION OF ANY PROVISION HEREOF.

* * * * * * * * *

WHEREAS, International Victory Christian Church (the "Owner"), represented by Pasto Michael Liga, is the owner of a certain 6.910-acre tract of land bounded by Old Massey Ranch Road (north), the Briscoe Canal (east) and residentially developed properties (south and west), Manvel, Texas, such tract situated in the A. C.H. & B. Railroad Company Survey, A-402, Brazoria County, Texas, being the residue of tract which was called 9.523 acres conveyed to International Victory Christian Church, by an instrument of record in Clerks File #2015007219, Brazoria County Official Public Record, (BCOPR), a map and description of which is attached hereto as Exhibit "A"; and

WHEREAS, in 2020, the owner, represented by Bob Stewart, filed an application to change the zoning classification of the 6.910-acre tract to HUD-Code Manufactured Home District, with a Specific Use Permit (HCMH-SUP) allowing use of the Property for NAICS Use 813110 "Religious Organizations"; and

WHEREAS, the SUP granted in 2020 allowing use of the Property for NAICS Use 813110 "Religious Organizations" expired after one year due to inactivity and failure to establish the allowed use; and

WHEREAS, the 6.910-acre tract is currently zoned HUD-Code Manufactured Home District (HCMH) District; and

WHEREAS, the owner, represented by Bob Stewart has filed an application to change the zoning classification of the 6.910-acre tract to HUD-Code Manufactured Home District with Specific Use Permit (HCMH-SUP) allowing the existing use of the property for NAICS use 813110 – "Religious Organizations"; and

WHEREAS, the Planning, Development, and Zoning Commission and the City Council have conducted, in the time and manner required by law and the Zoning Ordinance of the City, a public hearing on such request; and

WHEREAS, the Planning, Development, and Zoning Commission has recommended in its report the approval of such request, and the City Council deems it appropriate to approve said amendment to the zoning and specific use permit; now, therefore,

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF MANVEL, TEXAS:

Section 1. The facts and matters set forth in the preamble of this Ordinance are hereby found to be true and correct.

Section 2. The zoning classification of a certain 6.910-acre tract of land bounded by Old Massey Ranch Road (north), the Briscoe Canal (east) and residentially developed properties (south and west), Manvel, Texas, such tract situated in the A. C.H.

& B. Railroad Company Survey, A-402, Brazoria County, Texas, being the residue of tract which was called 9.523 acres conveyed to International Victory Christian Church, by an instrument of record in Clerks File #2015007219, Brazoria County Official Public Record, (BCOPR), as more particularly described in Exhibit "A" attached hereto, shall be changed from HUD-Code Manufactured Home District (HCMH) to HUD-Code Manufactured Home District with Specific Use Permit (HCMH-SUP), for uses as permitted within such zone classification, subject to the regulations, regulations, and conditions hereinafter set forth:

1. Religious Organizations - (NAICS 813118)

Section 3. The request meets the criteria set forth in Section 77-50 of the City of Manvel Zoning Ordinance for a Specific Use Permit. The City of Manvel Zoning Ordinance is hereby further amended by granting a Specific Use Permit authorizing use of the Property for the additional NAICS use listed in Section 2, above.

Section 4. The City Council hereby finds it appropriate to impose the conditions to the granting of the Specific Use Permit as shown in Exhibit "B", attached hereto and incorporated herein as if set out in full. Use and development of the Property shall comply with the conditions and with the site plan as shown in Exhibit "C", attached hereto. The uses and site may not be changed or expanded except by amendment of this Specific Use Permit.

Section 5. The Specific Use Permit issued under this ordinance, or a specific use listed herein, shall expire one year after its date of issuance if construction or if the listed use authorized hereunder is not substantially under way or in use prior to the expiration of said one year period. If, prior to the expiration of such one-year period, the owner of the property to which the Specific Use Permit applies in writing, for an extension, the City Council may, after recommendation from the Planning, Development, and Zoning Commission, grant such extension for one additional year.

Section 6. The Zoning District Map of the City of Manvel shall be revised and amended to show the designation of said tract, as described and as provided in Section 2, above, with the appropriate reference thereon to the number and effective date of this Ordinance and a brief description of the nature of the change.

Section 7. The City Council hereby finds and determines that said rezoning comports to the City's Comprehensive Land Use Plan. This Ordinance shall in no manner amend, change, supplement, or revise any provision of any ordinance of the City of Manvel, save and except the change in zoning classification of said tract(s) as described above.

Section 8. In the event any section, paragraph, subdivision, clause, phrase, provision, sentence, or part of this Ordinance or the application of the same to any person or circumstance shall for any reason be adjudged invalid or held unconstitutional by a court of competent jurisdiction, it shall not affect, impair, or invalidate this Ordinance as a whole or any part or provision hereof other any part or provision hereof other than the part declared to be invalid or unconstitutional; and the City Council of the City of Manvel, Texas, declares that it would have passed each and every part of the same notwithstanding the omission of any and every part of the same notwithstanding the omission of any such part thus declared to be invalid or unconstitutional, or whether there be one or more parts.

Section 9. Any person who shall intentionally, knowingly, recklessly or with criminal negligence violate any provision of this Ordinance shall be deemed guilty of a misdemeanor and upon conviction, shall be fined in an amount not to exceed $2,000.00. Each day of violation shall constitute a separate offense.

Section 10. Revocation. This Specific Use Permit may be revoked or modified by the City Council, in whole or in part, after notice and hearing, for either of the following reasons:

(1) The Specific Use Permit was obtained or extended by misrepresentation, fraud or deception: or

(2) That one of more of the conditions imposed by the permit has not been met or has been violated.

PASSED AND APPROVED on first reading this __________ day of ____________________, 2024.

PASSED, APPROVED, AND ADOPTED on second and final reading this ______ day of ________, 2024.

____
Dan Davis, Mayor

ATTEST:

____
Tammy Bell, City Secretary

APPROVED AS TO FORM:

____
Robert Gervais, City Attorney

Exhibit A

Being a certain 6.910-acre tract of land bounded by Old Massey Ranch Road (north), the Briscoe Canal (east), and residentially developed properties (south and west), Manvel, Texas, such tract situated in the A. C.H. & B. Railroad Company Survey, A-402, Brazo ria County, Texas, being the residue of tract which was called 9.523 acres conveyed to International Victory Christian Church, by an instrument of record in Clerks File #2015007219, Brazoria County Official Public Record, (BCOPR).

METES AND BOUNDS DESCRIPTION
6.910 ACRE

All that certain tract or parcel containing 6.910 acre of land in the **A. C. H. & B. Railroad Company Survey, A-402, Brazoria County, Texas**, being the residue of tract which was called 9.523 acres conveyed to International Victory Christian Church, by an instrument of record in Clerks File #2015007219, Brazoria County Official Public Record, (BCOPR), said 6.910 acre being more particularly described as follows, (Bearing Basis: State Plane Coordinates, Texas South Central 4204, NAD83, GRID)

BEGINNING at a 3/8" iron rod (1184) for northeast corner, being the northeast corner of said Residue Tract, lying in the west line of a tract which was called 128.86 acres conveyed to Marguerite Massey Smith Charitable Remainder Trust, by an instrument of record in Clerks File #2017051881, BCOPR and lying in the south right of way (R-O-W) line of County Road 100 (width varies) also known as Old Massey Ranch Road;

THENCE S03°07'56"E, along the common line of said Residue Tract and said 128.86 acre tract at 9.84 feet pass a 1/2" iron rod found and continuing for a distance in all of **459.56 feet** to a 5/8" iron rod found for southeast corner, being the southeast corner of said Residue Tract and northeast corner of a tract which was called 12.90 acres conveyed to Peter Ferdin, et al, by an instrument of record in Clerks File #2022048104, BCOPR;

THENCE S87°24'13"W, 712.74 feet along the common line of said Residue Tract and said 12.90 acre tract to a 3/8" iron rod set for southwest corner, being the southwest corner of said Residue Tract and southeast corner of a tract which was called 2.00 acres conveyed to Ronaldo Xavier Hernandez, by an instrument of record in Clerks File #2018019305, BCOPR;

THENCE N02°57'07"W, 216.48 feet along the common line of said Residue Tract and said 2.00 acre tract to a 3/8" iron rod set for a northwest corner, being a northwest corner of said Residue Tract and northeast corner of said 2.00 acre tract, lying in the south line of a tract which was called 3.00 acres conveyed to Smart Buyers, by an instrument of record in Clerks File #2017023044, BCOPR;

THENCE N87°37'51"E, 106.95 feet along the common line of said Residue Tract and said 3.00 acre tract to a 3/8" iron rod (1184) found for an interior corner, being an interior corner of said Residue Tract and southeast corner of said 3.00 acre tract;

THENCE N02°41'37"W, 243.27 feet along the common line of said Residue Tract and said 3.00 acre tract to a 3/8" iron rod set for northwest corner, being the northwest corner of said Residue Tract and northeast corner of said 3.00 acre tract, lying in the south R-O-W line of said CR 100;

THENCE N87°23'19"E, 603.25 feet along the common line of said Residue Tract and said CR 100 to the **PLACE OF BEGINNING**, containing **6.910 acre** of land, more or less.

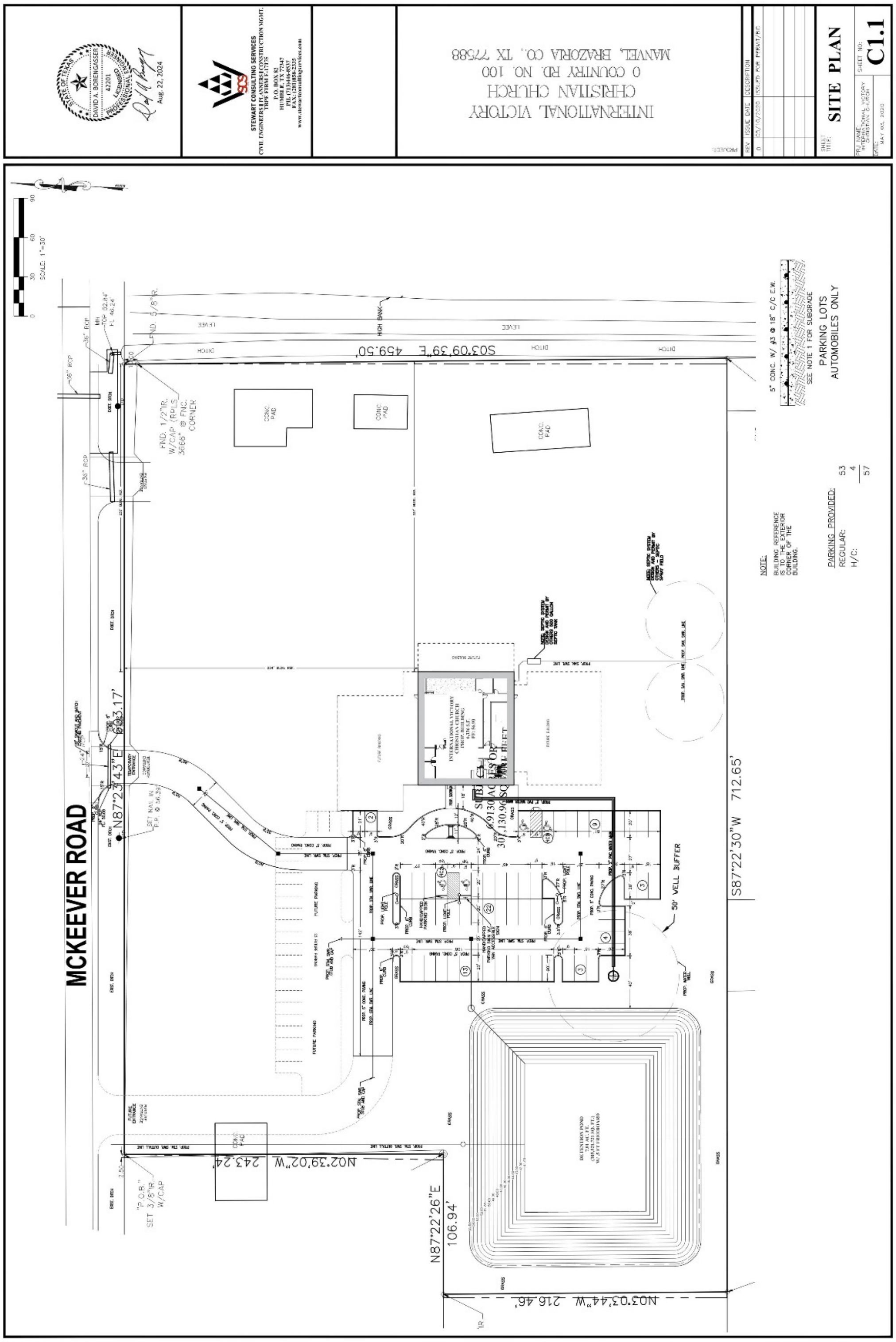
Exhibit B

CONDITIONS FOR NAICS USE - 813110 “RELIGIOUS ORGANIZATIONS”

1. A plat shall be prepared and approved in conformance with Chapter 62 – *Subdivisions*, prior to developing the subject site for the proposed church;
2. The site development shall generally conform to the attached site plan. However, changes necessary to conform to any adopted City of Manvel codes and ordinances shall be made part of the construction plan and building permit review process;
3. Outdoor lighting shall be shielded and shall conform with the Illuminating Engineering Society of North America ("IES") criteria for full cut-off fixtures, which is 100 percent of light output below 90 degrees, and 90 percent of light output below 80 degrees from a vertical line through the fixture;
4. Outdoor lighting shall be deflected, shaded, and focused away from abutting properties and shall not be a nuisance to abutting properties, and shall be designed so that any overspill of lighting onto abutting properties shall not exceed three-tenths foot-candles, measured vertically and horizontally;
5. Buildings shall be designed in conformance with all adopted technical codes, including Building and Fire Codes.

Exhibit C

INTERNATIONAL VICTORY CHRISTIAN CHURCH SITE PLAN



MANVEL
CITY COUNCIL
DATA SHEET

MEETING DATE:

TOPIC: Consider for approval a MASTER INTERGOVERNMENTAL COOPERATIVE PURCHASING AGREEMENT with the EQUALIS GROUP, LLC, to participate in the Equalis Group Purchasing Program with other governmental entities.

BACKGROUND: Under the agreement Global will extend qualified discounts on all furniture for the Police Station purchase at;

I. 60.5% off on all Global items
II. 57.5% off on all Compile Cubes

The Public Works Facility qualified for

I. 58.5% off all Global items

FUNDING ISSUES

_X_ Not applicable
___ Not budgeted
___ Full amount already budgeted
___ Funds to be transferred from Acct.#

ATTACHMENTS: N/A

SUBMITTING STAFF MEMBER Adewale Taiwo	**FINANCE DIRECTOR APPROVAL** Yes **CITY MANAGER APPROVAL** Yes

STAFF RECOMMENDATION: Staff recommends City Council move forward with authorizing the agreement

RESOLUTION NO. 2024-R-35

A RESOLUTION APPROVING A MASTER INTERGOVERNMENTAL COOPERATIVE PURCHASING AGREEMENT BY AND BETWEEN THE CITY OF MANVEL AND EQUALIS GROUP LLC; PROVIDING THAT THIS RESOLUTION SHALL BECOME EFFECTIVE FROM AND AFTER ITS PASSAGE.

WHEREAS, the City of Manvel (hereinafter "Purchasing Group Member") desires to participate in a cooperative purchasing program pursuant to the authority granted by Chapter 791 of the Texas Government Code, the Interlocal Cooperation Act ("Act");

WHEREAS, the Purchasing Group Member, is of the opinion that participation in the Cooperative's purchasing program will be highly beneficial to the taxpayers of the local government through the efficiencies and potential savings to be realized; and

WHEREAS, the Purchasing Group Member desires to participate and join with other local governments in a Master Intergovernmental Cooperative Purchasing Agreement ("Agreement") for the purpose of fulfilling and implementing their respective public and governmental purposes, needs, objectives, programs, functions and services;

WHEREAS, the Purchasing Group Member desires to appoint the City Manager and the Finance Director as the designated representatives who shall have express authority to represent and bind the Purchasing Group Member, and;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MANVEL, TEXAS:

SECTION 1: The Manvel City Council authorizes its City Manager to execute the Master Intergovernmental Cooperative Purchasing Agreement as attached hereto as "Exhibit A."

SECTION 2: That this Resolution shall be in full force and effect from and after its passage and adoption.

PASSED AND ADOPTED this _________, day of _______________, 2024.

CITY OF MANVEL, TEXAS

____
Dan Davis, Mayor

ATTEST:

____
Tammy Bell, City Secretary

EXHIBIT A

Master Intergovernmental Cooperative
Purchasing Agreement for the
Equalis Group LLC Purchasing Program

MASTER INTERGOVERNMENTAL COOPERATIVE PURCHASING AGREEMENT

This Master Intergovernmental Cooperative Purchasing Agreement (the "**Agreement**") is entered into by and between those certain government agencies that execute a Management Services Agreement ("**Lead Agencies**") with Equalis Group LLC ("**Equalis Group**") to be appended and made a part hereof and such other public agencies, non-profit organizations, and businesses (each a "**Purchasing Group Member**") who register to participate in the cooperative purchasing programs administered by Equalis Group and its affiliates and subsidiaries (collectively, "**Equalis Group Purchasing Program**") by either registering on an Equalis Group Purchasing Program website (such as www.equalisgroup.org) or by executing a copy of this Agreement.

RECITALS

WHEREAS, after a competitive solicitation and selection process conducted by Lead Agencies, Lead Agencies enter into master agreements ("**Master Agreements**") with awarded suppliers to provide a variety of goods, products, and services ("**Products**") to the applicable Lead Agency and Purchasing Group Members;

WHEREAS, Master Agreements are made available to Purchasing Group Members by Lead Agencies through the Equalis Group Purchasing Program and provide that Purchasing Group Members may voluntarily purchase Products on the same terms, conditions, and pricing as the Lead Agency, subject to any applicable federal and/or local purchasing ordinances and the laws of the State of purchase; and

WHEREAS, in addition to Master Agreements, the Equalis Group Purchasing Program may from time to time offer Purchasing Group Members the opportunity to acquire Products through other group purchasing agreements.

NOW, THEREFORE, in consideration of the mutual covenants contained herein and of the mutual benefits to result, the parties hereto agree as follows:

1. Each party will facilitate the cooperative procurement of Products.

2. The procurement of Products by Purchasing Group Member party to this Agreement shall be conducted in accordance with and subject to the relevant federal, state, and local statutes, ordinances, rules, and regulations that govern Purchasing Group Member's procurement practices.

3. The cooperative use of Master Agreements and other group purchasing agreements shall be conducted in accordance with the terms and conditions of such agreements, except as modification of those terms and conditions is otherwise allowed or required by applicable federal, state, or local law.

4. The Lead Agencies will make available, upon reasonable request and subject to convenience, information about Master Agreements which may assist in facilitating and improving the procurement of Products by the Purchasing Group Member.

5. Purchasing Group Member agrees that Equalis Group Purchasing Program may provide access to group purchasing organization ("**GPO**") agreements directly or indirectly by enrolling Purchasing Group Member in another GPO's purchasing program; provided that the purchase of Products shall be at Purchasing Group Member's sole discretion.

6. Purchasing Group Member shall make timely payments to the distributor, manufacturer, or other vendor (each a "**Supplier**") for Products procured and received through any Master Agreement or GPO group purchasing agreement (each an "**Equalis Agreement**") in accordance with the terms and conditions of this Agreement and of the Equalis Agreement, as applicable.

7. Purchasing Group Member acknowledges and agrees that Equalis Group may receive fees ("**Administrative Fees**") from Suppliers, which are typically calculated as a percentage of the dollar value of purchases made by Purchasing Group Member under an Equalis Agreement. Equalis Group's standard Administrative Fees are two percent (2%) or less. Equalis Group shall provide Purchasing Group Member with access to a listing of Equalis Agreements that provide for the payment to Equalis of

Administrative Fee in excess of three percent (3%). Additionally, Equalis Group shall provide Purchasing Group Member with access to an annual report listing Purchasing Group Member's purchases of Products through Equalis Agreements and the associated Administrative Fees received by Equalis Group.

8. Purchasing Group Member agrees that Products purchased under Equalis Agreements are for Purchasing Group Member's own use in the conduct of its business, and in no event shall Purchasing Group Member sell, resell, lease, or otherwise transfer goods purchased through Equalis Agreements to an unrelated third party unless expressly permitted by the terms of the applicable Equalis Agreement.

9. Payment for Products and inspections and acceptance of Products ordered by Purchasing Group Member shall be the exclusive obligation of Purchasing Group Member. Disputes between Purchasing Group Member and any Supplier shall be resolved in accordance with the law and venue rules of the State of purchase unless otherwise agreed to by Purchasing Group Member and the Supplier. The exercise of any rights or remedies by Purchasing Group Member shall be the exclusive obligation of Purchasing Group Member.

10. Purchasing Group Member shall not use this Agreement or the terms and conditions of any Equalis Agreement as a method for obtaining additional concessions or reduced prices for similar products or services.

11. Purchasing Group Member shall be responsible for the ordering of Products under this Agreement. A non-procuring party shall not be liable in any fashion for any violation by a party procuring Products under this Agreement. Without limiting the generality of the foregoing, Equalis Group Purchasing Program makes no representations or warranties regarding any Product or Equalis Agreement and shall have no liability for any act or omission by a Supplier or other party under an Equalis Agreement.

12. This Agreement shall remain in effect unless terminated by one party giving thirty (30) days' written notice to the other party. The provisions of **Sections 5**, **6**, **7**, **8**, and **9** hereof shall survive any such termination.

13. If any term or provision of this Agreement is held invalid, illegal, or unenforceable in any jurisdiction, such invalidity, illegality, or unenforceability shall not affect any other term or provision of this Agreement or invalidate or render unenforceable such term or provision in any other jurisdiction.

14. This Agreement and the rights and obligations hereunder may not be assignable by either party hereto without the prior written consent of the other party, which consent shall not be unreasonably withheld, conditioned, or delayed, provided, however, that Purchasing Group Member and Equalis Group may assign their respective rights and obligations under this Agreement without the consent of the other party in the event either Purchasing Group Member or Equalis Group shall hereafter effect a corporate reorganization, consolidation, merger, merge into, sell to, or transfer all or substantially all of its properties or assets to another entity. Subject to the preceding sentence, this Agreement will be binding upon, inure to the benefit of, and be enforceable by the parties and their respective successors and assigns. Any instrument purporting to make an assignment in violation of this **Section 14** will be null and void.

15. This Agreement, together with any other documents incorporated herein by reference, constitutes the sole and entire agreement of the parties to this Agreement with respect to the subject matter contained herein, and supersedes all prior and contemporaneous understandings, agreements, representations, and warranties, both written and oral, with respect to such subject matter.

16. Equalis shall not be liable to Purchasing Group for any action, or failure to take action, of a Supplier in connection with the performance of Supplier's obligations under an Equalis Agreement.

17. Each party to this Agreement acknowledges it has read the Agreement and represents and warrants that it has the necessary legal authority and is legally authorized to execute and enter into this Agreement.

18. This Agreement shall take effect upon Purchasing Group Member (i) executing a copy of this Agreement, or (ii) registering on an Equalis Group Purchasing Program website.

The easiest way to complete this form is to visit: www.equalisgroup.org/member-registration. You may also fill out this form electronically, print and sign it, then scan and email the fully completed document to membership@equalisgroup.org.

Agency Information			
Agency Name:			
Agency Type:			
Agency Department:			
Street Address:			
City / St / Zip:			
Phone #:			
Federal Tax ID:			
Website URL:			

Primary Contact Information	
Name:	
Title:	
Phone #:	
Email:	
Which contract(s) are you interested in?:	

IN WITNESS WHEREOF, I hereby acknowledge, on behalf of _ _, that I have read and agreed to the general terms and conditions set forth in the Equalis Group Master Intergovernmental Purchasing Agreement.

Authorized Signator	
Name:	
Title:	
Date:	

Signed: ______________________________

MANVEL
CITY COUNCIL
DATA SHEET

MEETING DATE:

TOPIC: Acceptance of infrastructure improvements for County Road 58 Water Line and Sanitary Sewer Extension to Serve Brazoria County Municipal Utility District No. 40 for Brazoria County Municipal Utility District No. 40, Brazoria County, Texas to begin the Two-Year Maintenance Period.

BACKGROUND: City Staff has approved the final walk through on this project for the civil site work. The applicant has submitted the Two-Year Maintenance Bond with the City Secretary's Office and the As-Built Construction Plans have been submitted to Development Services Department.

STAFF RECOMMENDATION: Staff recommends City Council accept the infrastructure improvements for this project to begin the Two-Year Maintenance Period.

ATTACHMENTS: N/A

FUNDING ISSUES

_X_ Not applicable
___ Not budgeted
___ Full amount already budgeted
___ Funds to be transferred from Acct.#

SUBMITTING STAFF MEMBER Robbie Hall	**FINANCE DIRECTOR APPROVAL** Yes____ **CITY MANAGER APPROVAL** Yes____

MANVEL
CITY COUNCIL
DATA SHEET

MEETING DATE:

TOPIC: Acceptance of infrastructure improvements for “Water, Sanitary Sewer and Drainage Facilities and Paving and Appurtenances to Serve Pollard Boulevard Phase 1 – Segment C and Charlotte Street Phase 1 – Segment A for Brazoria County Municipal Utility No. 83, Brazoria County, Texas” to begin the Two-Year Maintenance Period.

BACKGROUND: City Staff has approved the final walk through on this project for the civil site work. The applicant has submitted the Two-Year Maintenance Bond with the City Secretary’s Office and the As-Built Construction Plans have been submitted to Development Services Department.

STAFF RECOMMENDATION: Staff recommends City Council accept the infrastructure improvements for this project to begin the Two-Year Maintenance Period.

ATTACHMENTS: N/A

FUNDING ISSUES

_X_ Not applicable
___ Not budgeted
___ Full amount already budgeted
___ Funds to be transferred from Acct.#

SUBMITTING STAFF MEMBER Robbie Hall	**FINANCE DIRECTOR APPROVAL** Yes____ **CITY MANAGER APPROVAL** Yes____

MANVEL
CITY COUNCIL
DATA SHEET

MEETING DATE:

TOPIC: Acceptance of infrastructure improvements for Water, Sanitary Sewar and Drainage Facilities and Paving and Appurtenances to Serve Pollard Boulevard Phase 1 – Segment A and Del Bello Boulevard Phase 1 – Segment A for Brazoria County Municipal Utility District No. 83, Brazoria County, Texas to begin the Two-Year Maintenance Period.

BACKGROUND: City Staff has approved the final walk through on this project for the civil site work. The applicant has submitted the Two-Year Maintenance Bond with the City Secretary's Office and the As-Built Construction Plans have been submitted to Development Services Department.

FUNDING ISSUES

_X_ Not applicable
___ Not budgeted
___ Full amount already budgeted
___ Funds to be transferred from Acct.#

ATTACHMENTS: N/A

SUBMITTING STAFF MEMBER Robbie Hall	**FINANCE DIRECTOR APPROVAL** Yes **CITY MANAGER APPROVAL** Yes

STAFF RECOMMENDATION: Staff recommends City Council accept the infrastructure improvements for this project to begin the Two-Year Maintenance Period.

MANVEL
CITY COUNCIL
DATA SHEET

MEETING DATE:

TOPIC: Acceptance of infrastructure improvements for "Water Distribution, Wastewater Collection, Storm Water Facilities and Paving to serve Meridana Section Thirty Four-A for Brazoria County Municipal Utility District No. 56, Brazoria County, Texas" to begin the Two-Year Maintenance Period.

BACKGROUND: City Staff has approved the final walk through on this project for the civil site work. The applicant has submitted the Two-Year Maintenance Bond with the City Secretary's Office and the As-Built Construction Plans have been submitted to Development Services Department.

STAFF RECOMMENDATION: Staff recommends City Council accept the infrastructure improvements for this project to begin the Two-Year Maintenance Period.

ATTACHMENTS: N/A

FUNDING ISSUES

_X_ Not applicable
___ Not budgeted
___ Full amount already budgeted
___ Funds to be transferred from Acct.#

SUBMITTING STAFF MEMBER Robbie Hall	**FINANCE DIRECTOR APPROVAL** Yes **CITY MANAGER APPROVAL** Yes

EHRA
ENGINEERING THE FUTURE
SINCE 1936

TBPE No. F-726
TBPLS No. 10092300

October 30, 2024

Jose Abraham
Director of Development Services
City of Manvel

Re: **Meridiana Section 34A Infrastructure Acceptance**

Jose,

On behalf of Rise Development, I respectfully request that the Meridiana Section 34A public infrastructure be placed on the next City Council agenda for acceptance.

All public infrastructure related to this subdivision has been completed and passed all necessary inspections to warrant acceptance into the mandatory 2 year warranty period. The only reason that this project is not currently being placed on an agenda for acceptance is that the plat needs to have one offsite utility easement recorded along the southern boundary which is labeled as "7' UE B.C.C.F. No. _________". We are currently waiting on CenterPoint to record that easement, but we are hopeful that they will record the easement in the upcoming days. Therefore, it would be extremely helpful to have the infrastructure accepted by the City at this upcoming City Council meeting that way we can then proceed to record the plat once the missing easement information is added so the lots in this section can be sold as expeditiously as possible.

Please let me know if there are any questions or if I can provide further information that will help to garner support for this request.

Sincerely,

Brad Sweitzer

Brad Sweitzer, AICP, PLA
Associate | Co-Practice Area Leader

CC: Dane Kendall

MANVEL
CITY COUNCIL
DATA SHEET

MEETING DATE:

TOPIC: Final acceptance of infrastructure improvements for "Construction of Manvel Town Center Wastewater Treatment Plant Phase 1 (Rebid) for Brazoria County MUD No. 42, Brazoria County, Texas" and release the associated maintenance bond.

BACKGROUND: City Staff has conducted a final acceptance walk-through for "Construction of Manvel Town Center Wastewater Treatment Plant Phase 1 (Rebid) for Brazoria County MUD No. 42, Brazoria County, Texas." All punch list items have been addressed.

STAFF RECOMMENDATION: Staff recommends City Council accept the infrastructure improvements for this project and release the associated maintenance bonds.

ATTACHMENTS: N/A

FUNDING ISSUES

_X_ Not applicable
___ Not budgeted
___ Full amount already budgeted
___ Funds to be transferred from Acct.#

SUBMITTING STAFF MEMBER	FINANCE DIRECTOR APPROVAL Yes
Robbie Hall	CITY MANAGER APPROVAL Yes

RESOLUTION NO. 2024-R-37

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MANVEL AUTHORIZING A LETTER OF SUPPORT FOR THE DEVELOPMENT AND CREATION OF A MENTAL HEALTH CRISIS CENTER FOR BRAZORIA COUNTY.

WHEREAS, Brazoria County is experiencing a significant shortage of mental health services, including zero dedicated psychiatric inpatient beds; and

WHEREAS, the shortage has left many vulnerable individuals without the immediate care they need, forcing them to seek assistance outside the county, or worse, to go without any care at all; and

WHEREAS, data shows that the demand for psychiatric services in Brazoria County will rise by nearly 50% over the next decade, yet the County is not prepared to meet this need without proper facilities and resources; and

WHEREAS, a Mental Health Crisis Center will not only provide urgent inpatient care but will also alleviate the pressure on local hospitals, law enforcement, emergency services, and educational institutions, all of which are currently overwhelmed by the demands of mental health crises; and

WHEREAS, the City Council deems it in the best interest of the City of Manvel to support this endeavor and to authorize a letter urging our state leaders to prioritize this project and allocate the necessary funding and resources to make this facility a reality; and

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MANVEL, TEXAS:

SECTION 1: The facts and matters set forth in the preamble of this Resolution are hereby found to be true and correct.

SECTION 2: The City Council of the City of Manvel hereby authorizes a letter of support for the development and creation of a Mental Health Crisis Center in Brazoria County.

SECTION 3: That the City Council hereby authorizes the Mayor to execute, on behalf of City Council, a letter of support for the development and creation of a Mental Health Crisis Center in Brazoria County, to be sent to our state leaders to prioritize this project and allocate the necessary funding and resources to make this facility a reality.

SECTION 4: That it is hereby officially found and determined that the meeting at which this Resolution is passed is open to the public as required by law and the public notice of the time, place, and purpose of said meeting was given as required.

PASSED AND APPROVED this ________________th day of __________, 2024.

____
Dan Davis, Mayor

ATTEST:

____
Tammy Bell, City Secretary

APPROVED AS TO FORM:

____
Robert Gervais, City Attorney

CITY OF MANVEL

http://www.cityofmanvel.com

PO Box 187
Manvel, Texas 77578

Phone: (281) 489-0630
Fax: (281) 489-0634

Dear State Legislators,

We, the City of Pearland, are writing to express our strong and unified support for the development and creation of a Mental Health Crisis Center in Brazoria County. This initiative is a critical step in addressing the growing mental health and substance abuse crisis facing our community, as evidenced by the increasing rates of mental distress, substance abuse disorders, and suicide.

Brazoria County is experiencing a significant shortage of mental health services, including zero dedicated psychiatric inpatient beds. This has left many vulnerable individuals without the immediate care they need, forcing them to seek assistance outside the county, or worse, to go without any care at all. Data shows that the demand for psychiatric services in Brazoria County will rise by nearly 50% over the next decade, yet we are ill-prepared to meet this need without proper facilities and resources.

The Mental Health Crisis Center will not only provide urgent inpatient care but will also alleviate the pressure on local hospitals, law enforcement, emergency services, and educational institutions, all of which are currently overwhelmed by the demands of mental health crises. Additionally, this facility will enable a more comprehensive approach to care, including outpatient services, substance abuse disorder treatment, and community-based programs that can serve as preventative measures.

By supporting this initiative, we believe we can dramatically improve access to life-saving mental health care for individuals and families in our community. The benefits of such a center are not limited to healthcare alone. This facility will have a positive impact on the local economy, reducing absenteeism in the workplace and fostering a healthier, more resilient community.

We urge our state leaders to prioritize this project and allocate the necessary $115,000,000 in funding and resources to make this facility a reality. We are committed to working together, alongside healthcare providers, schools, law enforcement, and other community organizations, to ensure the success of this critical initiative.

Together, we can take meaningful steps toward addressing the mental health crisis in Brazoria County, ensuring that no one falls through the cracks in their time of need.

Most Sincerely,

Dan Davis
Mayor, City of Manvel

Needs Assessment

Pearland Chamber of Commerce

September 2024

CAPITAL LINK

Acknowledgment and Dedication

About Capital Link

Capital Link is a national, non-profit organization that has worked with hundreds of health centers and Primary Care Associations for over 25 years to plan capital projects, finance growth, and identify ways to improve performance. We provide innovative consulting services and extensive technical assistance with the goal of supporting and expanding community-based health care. Established in the late 1990s as a joint effort of the National Association of Community Health Centers (NACHC), several state-based Primary Care Associations (PCAs), and the Bureau of Primary Health Care, Capital Link grew out of the community health center movement and continues to support it through creative capital development and analytic activities. For more information, visit www.caplink.org.

Contact Information

Beth Edwards
Chief Consulting Officer
bedwards@caplink.org

Elina Jakobson
Senior Database Developer
ejakobson@caplink.org

Gab Sauder
Project Consultant
gsauder@caplink.org

Jerusalem Getnet
Project Consultant
jgetnet@caplink.org

Samantha Schmitt
Project Consultant
sschmitt@caplink.org

Swetal Patel
Data Analyst
spatel@caplink.org

Tim Kotowski
Communications & Business Development Consultant
tkotowski@caplink.org

Dedication

This document is dedicated to David Wagner, whose unwavering commitment and passion will be remembered always.

Table of Contents

Pearland Chamber of Commerce

The Pearland Chamber supports empowering elected officials with the flexibility and policy tools required to ensure the needs of the business community are met. Our mission is to serve business, promote growth and empower the community. The Chamber has identified three key areas for supporting Pearland businesses through advocating for business, benefiting the community, and cultivating talent.

In 2024, the Chamber's priorities include education, infrastructure, workforce development, and healthcare. The Healthcare Industry Committee consists of executives and leaders from various sectors, including inpatient, outpatient, and community-based organizations. The committee is also expanding to engage less traditional healthcare partners, such as schools, emergency medical services (EMS), police, and other community organizations, to ensure comprehensive support for Pearland's healthcare landscape.

The Pearland Chamber of Commerce supports a community where 83% of businesses are locally owned, nearly 50% of residents aged 25 and older hold a bachelor's degree, and the city is recognized as the second most diverse in the United States. With a median age of 36.1, Pearland is home to many Texas Medical Center employees and boasts notable achievements, such as the Pearland High School Softball team winning its third state championship in 2023.

In 2023, the Pearland Chamber of Commerce was recognized as Chamber of the Year by the Association of Chamber of Commerce Executives. Today, our organization represents over 700 businesses and 10,000+ employees in the greater Pearland area.

Jim Johnson, CCE, IOM

Introduction: Brazoria County's Mental Health and Substance Use Crisis

Brazoria County is facing a growing crisis of mental health and substance abuse, with rising cases affecting the most vulnerable populations. Data shows an alarming increase in mental health issues and substance use disorders, putting strain on families and communities. The shortage of mental health providers in the county is exacerbating the situation, making it difficult for individuals to access timely care and support. The community is facing significant challenges as the demand for mental health services continues to outpace available resources.

Key Findings

1. **Lack of Psychiatric Beds**: Brazoria County has **zero** dedicated psychiatric beds, leaving residents without crucial inpatient mental health care options within the county.
2. **Provider Shortage**: The county's **mental health provider-to-patient ratio is 1,052**, which is **52% higher than the Texas average** of 691 patients per provider, underscoring the urgent need for additional mental health professionals.
3. **Mental Health Practitioner Shortfall**: In 2021, Brazoria County had only **32 Offices of Mental Health Practitioners**, equating to **8.3 offices per 100,000 residents**—just a quarter of the state ratio of 33.7, highlighting the significant shortage of mental health services.
4. **Mental Health Professional Shortage Area**: The entire county is designated a **Mental Health Professional Shortage Area**, with a **score of 16**—the second-highest in all of Texas.
5. **Surge in Anxiety Disorder Visits**: Texas Federally Qualified Health Centers (FQHCs) saw an **80% increase** in anxiety disorder visits over the last five years, with utilization growing from 2.9 to 3.1 visits per patient.
6. **Rising Suicide Rates**: Brazoria County's suicide rate is higher than the Texas average and rising rapidly, currently ranking **12th in the state** for suicide growth.
7. **Opioid Crisis**: The county has **1,525 fentanyl users** and **16,369 non-fentanyl opioid users**. The fatal opioid overdose rate has risen by **90% in the last five years**, driven primarily by fentanyl.
8. **Binge Drinking Surge**: The rate of binge drinking has jumped from **12% in 2014 to 21% in 2023**, leading to potential increases in **drunk driving, assaults, family breakdowns,** and **workforce challenges**.
9. **Economic Impact**: Mental health care spending in Texas is nearly **double** for adults with mental illness, and absenteeism due to untreated mental health issues will cost local businesses **millions** annually.
10. **Rising Demand for Mental Health Services**: By 2033, psychiatric outpatient services are projected to grow by **49.5%**.
11. **Schools in Crisis**: Brazoria schools are seeing over **1,200 visits** to school counselors in one school year for **suicide/self-harm** issues.
12. **Strain on Police and Hospitals**: Local police departments and hospitals are at risk of being **overwhelmed** as mental health and substance use cases rise.

Action is needed to address Brazoria County's healthcare infrastructure and improve access to care. Mental illness and substance abuse, if untreated, pose significant economic and social challenges, affecting businesses, hospitals, law enforcement, schools, and emergency services. These issues go beyond healthcare, impacting the broader community and local economy.

Supporting local solutions, empowering healthcare providers, and collaborating with leadership are essential steps to ensuring Brazoria County remains a place where families can thrive and communities stay safe. This report provides data-driven recommendations for a sustainable path forward, emphasizing the urgency of taking action now.

Guide to This Document

The Pearland Chamber of Commerce, recognizing the urgent need to address the behavioral health crisis in Pearland, partnered with key stakeholders across the community to commission this comprehensive needs assessment. Together with healthcare providers, local businesses, law enforcement, schools, and government agencies, the Chamber sought to fully understand the scope of the problem and identify actionable solutions. Capital Link, tasked with conducting the assessment, engaged in extensive consultations with these stakeholders, gathering critical data and insight from each. The organization also undertook in-depth research and analysis to map out the full scale of Brazoria County's behavioral health crisis and recommend strategic solutions for addressing it.

The first section, **"Demographic Overview of Brazoria County",** covers the county’s population and human geography, providing crucial context for understanding the needs of different communities. The second section, **"Medical Needs of Brazoria County,"** analyzes current and projected trends in traditional healthcare.

The third section, **"Behavioral Health Landscape,"** focuses on mental health and substance use trends, offering a detailed view of the current challenges and highlighting areas that require the most urgent attention.

The fourth section, **"Current Stakeholder and Provider Assessment: Brazoria County Mental Health Support Organizations/Services,"** evaluates the available treatment options and service projections for behavioral health, including how inpatient and outpatient providers are managing these issues. It also addresses the impact on first responders, schools, and other organizations directly affected by this crisis.

The final section, **"Addressing the Behavioral Health Crisis: Strategic Solutions and Key Recommendations,"** outlines actionable recommendations for stakeholders and community leaders to effectively address the crisis.

This report is not designed to be read cover to cover, though readers may do so if they choose. Instead, it serves as a strategic guide and reference for community leaders, legislators, key stakeholders, and concerned citizens looking for data-driven insights to inform decisions on evidence-based solutions, applications, and resource allocation.

Demographic Overview of Brazoria County

Understanding the full demographic and socioeconomic landscape of Brazoria County is essential for policymakers and key stakeholders to make informed decisions regarding the allocation of resources for mental health and substance use treatment. Comprehensive data on the population, including where residents live and their socioeconomic status (SES), provides a clear picture of the county's needs. This information helps ensure that resources are directed toward areas with the greatest demand, enabling more effective planning and policy development, particularly in healthcare. Without this data, efforts to address the county's challenges, including mental health care and social services, may fall short of serving the populations most in need.

Brazoria County Demographic Trends

In 2023, Brazoria County had a population of 384,941, with a population density of 266.79 residents per square mile. **By 2028, the population is projected to grow to 417,181**, with a density of 289.13 residents per square mile. This represents an **8.4% growth in population and density** from 2023 to 2028. Comparatively, Texas had a total population of 29,940,758 in 2023, with a population density of 113.1 residents per square mile. The state's population is projected to increase to 31,981,592 by 2028, with a density of 120.8 residents per square mile. This reflects a projected growth rate of 6.8% over the same period. From 2010 to 2020, Brazoria County experienced significant growth, with a 105.4% increase in total population and a 117.4% increase in population density. In contrast, Texas saw a 102.7% increase in total population and a 105.4% rise in population density during the same period. These statistics highlight that **Brazoria County has experienced a higher growth rate in both population and density compared to the state average** and is expected to continue growing at a faster pace through 2028.[1]

Population	2023	2028 Projections	2010 to 2020 Growth (% change)	2023 to 2028 Projected Growth (% change)
Brazoria County, TX				
Total Population	384,941	417,181	105.4%	8.4%
Population Density (Pop/Sq Mi)	266.79	289.13	117.4%	8.4%
Texas				
Total Population	29,940,758	31,981,592	102.7%	6.8%
Population Density (Pop/Sq Mi)	113.1	120.8	105.4%	6.8%

In 2023, Brazoria County's population was notably diverse, comprising 51% White, 14.8% Black, 7.2% Asian/Native Hawaiian/Pacific Islander, and 31.4% Hispanic residents. Significant growth is projected by 2028 in the Asian/Native Hawaiian/Pacific Islander (18.9%) and Hispanic (15%) populations, with increases also expected in the Two or More Races category (16.4%). These growth rates surpass state averages, indicating Brazoria County is a rapidly evolving community with diverse needs and a dynamic demographic landscape.

[1] www.esiteanalytics.com

Population by Race	Brazoria County, TX			Texas		
	2023 Population	2023 Percent of Population	2023 to 2028 Projected Growth (% change)	2023 Population	2023 Percent of Population	2023 to 2028 Projected Growth (% change)
White	196,249	51.0%	3.3%	14,985,376	50.1%	3.2%
Black	56,792	14.8%	7.8%	3,608,502	12.1%	5.8%
Amer. Indian/Alaska Nat.	2,851	0.7%	6.9%	287,678	1.0%	3.8%
Asian/Nat. Hawaiian/ Pacific Islander	27,552	7.2%	18.9%	1,668,206	5.6%	16.9%
Some Other Race	43,960	11.4%	14.7%	4,086,065	13.7%	10.1%
Two or More Races	57,537	15.0%	16.4%	5,304,931	17.7%	12.0%
Hispanic Ethnicity	*120,728*	*31.4%*	15.0%	11,836,829	39.5%	10.1%

In 2023, children and young adults (0-19 years) made up 28.4% of Brazoria County's population, with a projected growth of 7.8% by 2028—slightly higher than Texas's 28.1% for this age group and a 6.1% projected growth. The young student and working-age group (20-44 years) was the largest segment at 34.6%, expected to grow by 7.6% by 2028. Statewide, this group accounts for 35.3% of the population with a 6.5% projected growth. Middle-aged adults (45-64 years) constituted 24.5% of the county's population, with an anticipated growth of 7.8% through 2028. This is slightly above Texas's 23.5% for this age group, which is expected to grow by 6.3%.

The senior cohort (65 to 84 years) in Brazoria County represented 11.3% of the population in 2023, slightly below the state average of 11.9%. However, **this age group is projected to experience significant growth of 12.7% through 2028**, compared to a 10.1% growth rate statewide. The population aged 85 and older in Brazoria County constituted 1.1% of the population in 2023, with a projected growth rate of 13.4% through 2028. This is slightly lower than the state average of 1.3%, which is expected to see a growth rate of 10.1%. The median age in Brazoria County was 36.5 years, slightly higher than the Texas median age of 35.4 years. **This data underscores the importance of considering the needs of a community experiencing significant growth across all age groups, a large population of youth, but also a rapidly aging senior population.**

Population by Age	Brazoria County, TX			Texas		
	2023 Population	2023 Percent of Population	2023 to 2028 Projected Growth (% change)	2023 Population	2023 Percent of Population	2023 to 2028 Projected Growth (% change)
0 to 19	109,340	28.4%	7.8%	8,409,471	28.1%	6.1%
20 to 44	133,362	34.6%	7.6%	10,569,001	35.3%	6.5%
45 to 64	94,370	24.5%	7.8%	7,028,227	23.5%	6.3%
65 to 84	43,682	11.3%	12.7%	3,552,850	11.9%	10.1%
85+	4,187	1.1%	13.4%	381,207	1.3%	10.1%
Median Age	*36.5 Years*			35.4 Years		

In 2023, Brazoria County's income landscape showcased both diversity and growth, with a significant shift toward higher income brackets. Households earning less than $24,999 made up 11.2% of the population, a figure notably lower than the state average of 17.8%. This segment is projected to decline by 10.6% by 2028, reflecting an economic shift as fewer households fall into the lowest income category.

Similarly, 14.9% of households in Brazoria County earned between $25,000 and $49,999, also expected to decrease by 6.4% over the next five years. This decline contrasts with the state average of 20.1%, which is projected to shrink by 4.6%. The largest segment of Brazoria County households in 2023 earned between $50,000 and $99,999, accounting for 31.6% of the population. However, this group is expected to decrease by 12.5% by 2028, while the state's equivalent group shows no projected change.

Conversely, the county is experiencing robust growth in higher income brackets. Households earning between $100,000 and $149,999 represented 21.2% of the population in 2023 and are projected to grow by an impressive 31.1% by 2028. Statewide, 16.2% of households fall into this range, with a projected growth of 25.9%. The highest income bracket, households earning $150,000 or more, comprised 21.1% of Brazoria County's population in 2023. This group is expected to see the most substantial growth, with a 40.2% increase by 2028, outpacing Texas's 15.6% share, which is projected to grow by 35.3%.

Average household incomes in Brazoria County are similarly on the rise. In 2023, the county's average household income was $113,606, with a projected increase of 18.0% by 2028, higher than the state average of $97,894, which is expected to grow by 16.0%. The median household income in Brazoria County stood at $85,614 in 2023 and is anticipated to rise by 22.4% by 2028, compared to the Texas median of $66,686, projected to grow by 16.7%. Per capita income in the county was $40,226, with a projected increase of 18.5% by 2028, also outpacing the state's $36,161, which is expected to grow by 16.3%.

These trends highlight Brazoria County's shifting economic landscape, with significant growth in higher income brackets and a corresponding rise in median and average household incomes. This upward trajectory signals strong economic potential for the region. **However, it is important to note that the numbers middle- and working-class individuals are projected to decrease, which will directly change the composition of health care needs of the community by decreasing the number of uninsured and Medicaid patients. Both for-profit and non-profit providers must be part of any solution.**

Households by Income	Brazoria County, TX			Texas		
	2023 Population	2023 Percent of Population	2023 to 2028 Projected Growth (% change)	2023 Population	2023 Percent of Population	2023 to 2028 Projected Growth (% change)
$0 - $24,999	15,167	11.2%	-10.6%	1,951,230	17.8%	-8.6%
$25,000 - $49,999	20,114	14.9%	-6.4%	2,212,701	20.1%	-4.6%
$50,000 - $99,999	42,709	31.6%	-12.5%	3,328,965	30.3%	0.0%
$100,000 - $149,999	28,673	21.2%	31.1%	1,779,153	16.2%	25.9%
$150,000+	28,540	21.1%	40.2%	1,714,620	15.6%	35.3%
Average HH Income	$113,606		18.0%	$97,894		16.0%
Median HH Income	$85,614		22.4%	$66,686		16.7%
Per Capita Income	$40,226		18.5%	$36,161		16.3%

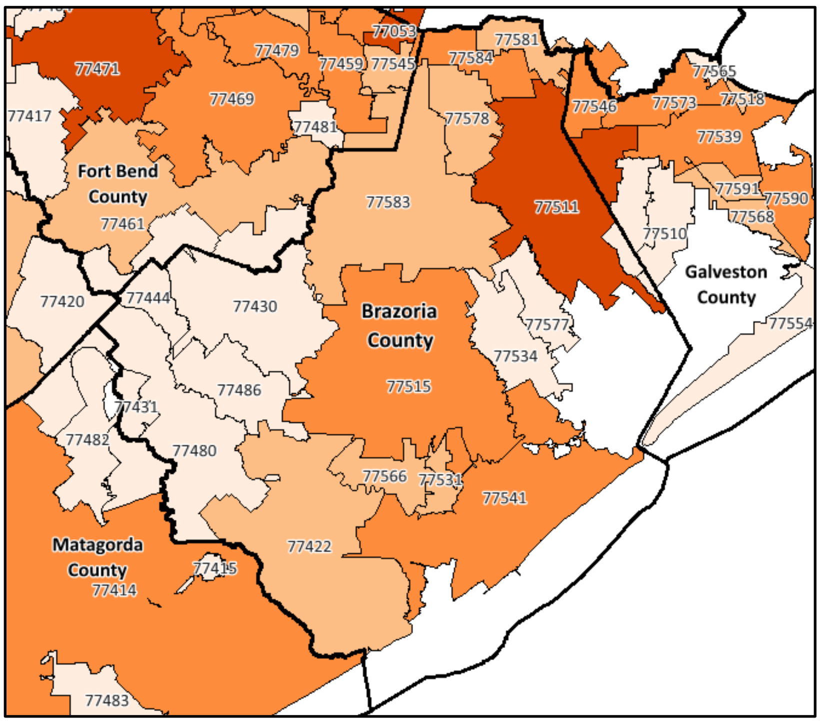
Number of Low-Income Residents by Zip Code Map

To make informed decisions about resource allocation, it's crucial to understand the diverse economic landscape of Brazoria County. The following maps provide valuable insight into the distribution of low-income residents, a key demographic for many public services, particularly Federally Qualified Health Centers (FQHCs). FQHCs primarily serve individuals below 200% of the Federal Poverty Level (FPL), making this population segment their core focus.

When considering large investments in this region, long-term sustainability is essential. **Often, the highest risks are faced by low-income populations, so understanding those risks is a key component of any investment opportunity.** Addressing these risks can ensure that resources are effectively directed to create lasting, positive impacts for both the community and the organizations that serve them.

In 2021, Brazoria County had over 82,490 low-income residents, accounting for 21.2% of the population. Zip Code 77511 had the highest concentration of low-income residents, with 16,166, followed by Zip Codes 77584 and 77541, each reporting over 8,800.

For lower-income residents, FQHCs play a vital role by providing affordable and accessible preventative care that keeps them out of hospitals. Meanwhile, higher-income residents typically rely on for-profit healthcare providers, whose services are aligned with the needs and financial capacity of this demographic. [2]
[3]



[2] https://geocarenavigator.hrsa.gov/

Foreign-Born Population

The chart below outlines Brazoria County's population by gender, age, and citizenship, with Texas figures for comparison.[4] Understanding the healthcare needs of foreign-born populations is crucial, as these groups often face unique challenges influenced by cultural and linguistic factors. By analyzing data on foreign-born individuals, healthcare providers can tailor services to better meet their needs, improving access to care, preventive services, and chronic disease management. This targeted approach helps identify disparities, allocate resources more equitably, and promote culturally competent care, ultimately enhancing health outcomes for foreign-born communities.

2022 Foreign-Born [5]	**Brazoria County, TX**		**Texas**	
	Total Pop.	Percentage	Total Pop.	Percentage
U.S Citizenship Status				
Foreign-born population	50,843	-	5,169,126	-
Naturalized U.S. Citizen	27,676	54.4%	2,245,345	43.4%
Not a U.S. Citizen	23,167	45.6%	2,923,781	56.6%
Year of Entry				
Population born outside of the U.S.	57,599	-	5,680,352	-
Native	6,756	6,756	511,226	511,226
Entered 2010 or later	2,794	41.4%	197,423	38.6%
Entered before 2010	3,962	58.6%	313,803	61.4%
Foreign-born	50,843	50,843	5,169,126	5,169,126
Entered 2010 or later	12,793	25.2%	1,774,029	34.3%
Entered before 2010	38,050	74.8%	3,395,097	65.7%

[4] https://www.census.gov/

Language (s) Spoken at Home

The table below examines the number of those who speak a language other than English, along with the rate of those who speak English 'less than very well'. Brazoria County reports a significant level of residents that may have difficulty interacting with the English language as well as perhaps other traditional forms of related communication with 27.1% of the population speaking a language other than English and 33.4% of whom speak English 'less than very well'. In Brazoria County, 9.0% of those age five years and over speak English 'less than very well,' while on a state level, just 12.8% of the population speak English 'less than very well,' indicating the need to prioritize translation services that promote comprehensible communication, promoting understanding and literacy.

	Brazoria County, TX			**Texas**		
2022 Languages Spoken at Home[6]	Total	Percentage	Percentage who Speaks English less than "very well"	Total	Percentage	Percentage who Speaks English less than "very well"
Population 5 years and over	363,992	-	9.0%	28,147,854	-	12.8%
Speak a language other than English	98,489	27.1%	33.4%	9,891,295	35.1%	36.5%
Speak a Language other than English						
Spanish	71,920	19.8%	32.2%	7,973,826	28.3%	37.8%
5 to 17 years old	13,231	3.6%	22.6%	1,550,882	5.5%	25.1%
18 years to 64 years old	50,428	13.9%	31.7%	5,555,170	19.7%	39.4%
65 years old and over	8,261	2.3%	50.6%	867,774	3.1%	50.5%
Other Indo-European Languages	4,740	1.3%	38.9%	724,161	2.6%	24.3%
5 to 17 years old	790	0.2%	25.7%	104,538	0.4%	22.8%
18 years to 64 years old	3,167	0.9%	30.4%	525,173	1.9%	23.0%
65 years old and over	783	0.2%	86.5%	94,450	0.3%	33.6%
Asian & Pacific Island Languages	18,789	5.2%	39.6%	885,058	3.1%	38.8%
5 to 17 years old	2,385	0.7%	39.0%	109,383	0.4%	22.4%
18 years to 64 years old	14,058	3.9%	35.7%	653,031	2.3%	36.3%
65 years old and over	2,346	0.6%	63.6%	122,644	0.4%	66.7%
Other Languages	3,040	0.8%	15.9%	308,250	1.1%	23.8%
5 to 17 years old	724	0.2%	35.5%	47,055	0.2%	13.7%
18 years to 64 years old	2,151	0.6%	10.6%	236,239	0.8%	24.3%
65 years old and over	165	0.0%	0.0%	24,956	0.1%	37.4%

[6] https://www.census.gov/

Disabilities by Demographic & Type

Providers play a vital role in providing inclusive healthcare services that cater to individuals with disabilities, aiming to enhance health outcomes and mitigate barriers to accessing quality care. A thorough understanding of the various types of disabilities within the population, along with their prevalence across different age groups and racial demographics, is crucial. This knowledge allows providers to effectively tailor services, ensuring services are accessible and responsive to the specific needs of diverse individuals with disabilities. By incorporating this understanding into its healthcare strategies, providers can effectively foster an environment where all patients receive the comprehensive care they require to achieve optimal health. Brazoria County's population reports 375,463 residents, 11.4% of whom experience some form of disability, slightly below that which has been reported on a state level, at 12.4%. The White population reported the highest rate of those with a disability, at 13.8%, followed by the Asian and Black/ African American categories, which reported 10.4% and 10.0%, respectively. As can be anticipated, as the population ages, they are more likely to experience a disability, with 76.4% of those aged 65 years and older reporting a disability in the region. **The disability types that reported the highest in the region included ambulatory (5.5%), cognitive (4.5%), and independent living (4.7%).**

	Brazoria County, TX			Texas		
2022 Disabilities by Demographic and Type [7]	Total	With a disability	% of Pop with a disability	Total	With a disability	Percent of Pop with a disability
Total civilian noninstitutionalized pop. w/disability	375,463	42,784	11.4%	29,539,484	3,665,403	12.4%
Male	184,525	22,207	12.0%	14,646,223	1,790,218	12.2%
Female	190,938	20,577	10.8%	14,893,261	1,875,185	12.6%
Race & Ethnicity						
White alone	180,498	24,862	13.8%	14,051,233	1,907,009	13.6%
Black / African American alone	57,103	5,704	10.0%	3,511,325	493,671	14.1%
American Indian and Alaska Native alone	-	-	-	240,002	33,051	13.8%
Asian alone	27,740	2,881	10.4%	1,628,628	117,180	7.2%
Native Hawaiian / Other Paci. Island alone	-	-	-	34,435	4,275	12.4%
Some Other Race alone	23,031	2,282	9.9%	3,006,847	314,330	10.5%
Two or More Races	85,540	6,807	8.0%	7,067,014	795,887	11.3%
Hispanic / Latino (any race)	121,732	10,583	8.7%	11,923,852	1,279,845	10.7%
Age						
Under 5 years	24,189	0	0.0%	1,881,718	12,837	0.7%
5 to 17 years	74,600	3,374	4.5%	5,550,053	352,685	6.4%
18 to 34 years	81,119	5,957	7.3%	7,124,006	556,120	7.8%
35 to 64 years	147,244	16,249	11.0%	11,037,094	1,338,715	12.1%
65 to 74 years	30,827	8,859	28.7%	2,429,183	653,757	26.9%
75 years and over	17,484	8,345	47.7%	1,517,430	751,289	49.5%
Disability Type						
Hearing difficulty (all ages)	-	12,496	3.3%	-	1,016,279	3.4%
Vision difficulty (all ages)	-	8,058	2.1%	-	811,296	2.7%
Cognitive difficulty (all ages)	-	15,725	4.5%	-	1,427,580	5.2%
Ambulatory difficulty (all ages)	-	19,218	5.5%	-	1,688,830	6.1%
Self-care difficulty (all ages)	-	6,591	1.9%	-	666,006	2.4%
Independent living difficulty (aged 18+)	-	12,938	4.7%	-	1,184,368	5.4%

[7] https://www.census.gov/

Employment, Occupation, & Commute

The U.S. Census Bureau annually reports on the number of those employed, along with the occupation and commute for any geographic area. Analyzing the employment, occupation, and commute patterns of patients served by providers is crucial because it provides critical insights into the socioeconomic conditions, health risks related to occupations, and potential barriers to accessing healthcare due to commute times. Understanding these factors allows providers to improve access to care, enhance health outcomes, and address the specific needs of its patient population. The table below presents this information in a format that is considered relevant to health care planning. In 2022, Brazoria County reported 3.1% of the population as unemployed, slightly higher than the state percentage of 2.9%. The region also indicated a larger percentage of service occupations, at 16.1%. It is important to note that service occupations often provide lower wages than that of other occupations and may not offer health benefits, which can impact one's ability to access healthcare.

2022 Employment & Occupation [8]	Brazoria County, TX	Texas
Employment Status		
Population 16 years and over	301,184	23,471,441
In labor force	63.9%	65.5%
Civilian labor force	63.8%	65.0%
Employed	60.8%	62.1%
Unemployed	3.1%	2.9%
Armed Forces	0.0%	0.5%
Not in labor force	36.1%	34.5%
Occupation		
Civilian employed population 16 years and over	182,993	14,578,433
Management, business, science, and arts occupations	42.6%	40.6%
Service occupations	16.1%	15.7%
Sales and office occupations	19.6%	20.9%
Natural resources, construction, and maintenance occupations	9.7%	10.1%
Production, transportation, and material moving occupations	12.0%	12.7%
Commuting to Work		
Workers 16 years and over	179,393	14,447,795
Car, truck, or van -- drove alone	79.8%	71.2%
Car, truck, or van – carpooled	8.3%	10.0%
Public transportation (excluding taxicab)	0.1%	0.8%
Walked	0.4%	1.5%
Other means	0.9%	1.9%
Worked from home	10.5%	14.5%
Mean travel time to work (minutes)	30.6	26.7

[8] https://www.census.gov/

Education Attainment

The levels of education attainment in Brazoria County, as well as the state, are detailed below. Examining education attainment data is crucial for PCC to understand its patient population and improve health delivery and outcomes. Education levels correlate with health literacy and socioeconomic status, influencing access to healthcare and health outcomes. By analyzing education data, providers can tailor health education, and outreach efforts to meet the diverse needs of its patients. Ultimately, addressing socioeconomic barriers to care promotes healthier communities and equitable care, improving patient outcomes.

2022 Education Attainment[9]	**Brazoria County, TX**		**Texas**	
	Total	Percent	Total	Percent
Education Attainment by Age				
Population 25 years and over	254,850	-	19,597,383	-
Less than 9th grade	15,746	6.2%	1,406,769	7.2%
9th to 12th grade, no diploma	13,689	5.4%	1,315,239	6.7%
High school graduate (includes equivalency)	63,468	24.9%	4,733,230	24.2%
Some college, no degree	55,702	21.9%	3,970,970	20.3%
Associate's degree	23,246	9.1%	1,519,767	7.8%
Bachelor's degree	53,685	21.1%	4,242,031	21.6%
Graduate or professional degree	29,314	11.5%	2,409,377	12.3%
High school graduate or higher	225,415	88.5%	16,875,375	86.1%
Bachelor's degree or higher	82,999	32.6%	6,651,408	33.9%
Education Attainment by Race & Hispanic or Latino Origin				
White alone	128,089		9,969,975	
White alone, not Hispanic or Latino	115,546		8,543,201	
Black alone	40,262		2,340,132	
American Indian or Alaska Native alone	-		160,937	
Asian alone	18,574		1,146,211	
Native Hawaiian and Other Pacific Islander alone	-		20,851	
Some other race alone	16,412		1,825,972	
Two or more races	50,367		4,133,305	
Hispanic or Latino Origin	73,074		6,977,651	

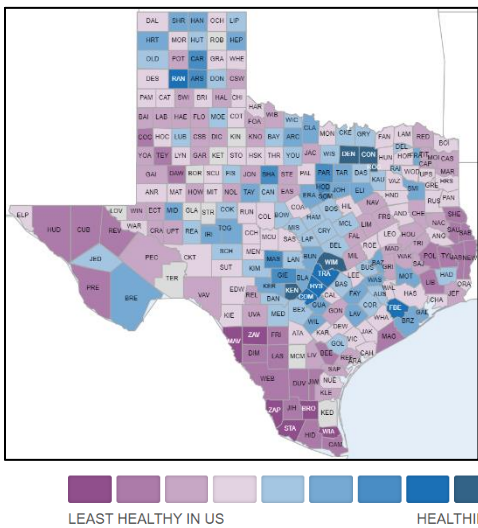
[9] https://www.census.gov/

Medical Needs of Brazoria County

2024 County Health Rankings

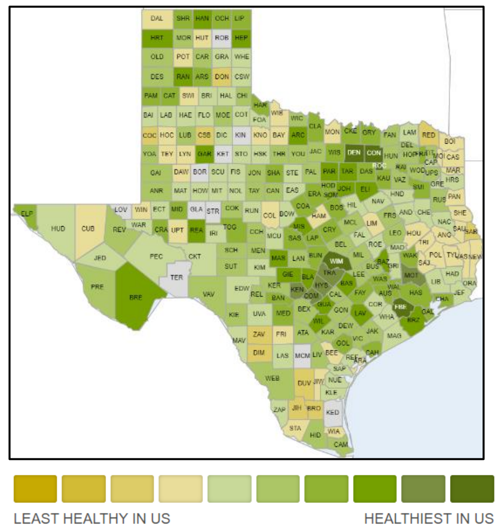
The Robert Wood Johnson Foundation publishes the County Health Rankings, which draw from a wide variety of sources to assess and rank the quality of healthcare services across all U.S. counties. The map highlights Brazoria County's rank in terms of health outcomes and health factors, with specific health metrics detailed in the following table alongside Texas state metrics for comparison.

Health outcomes measure both the length and quality of life within a community. Health factors contributing to these rankings include health behaviors such as diet, exercise, and tobacco use; clinical care, including access to and quality of care; social and economic factors like employment, income, and education; and the physical environment, including air and water quality, housing, and transportation.



Health Factors

Health Outcomes



The yellow-shaded areas in the table below indicate metrics where performance is below the state average, while green shading highlights metrics where performance exceeds the state average. Brazoria County outperformed the state in areas related to home life, with fewer residents experiencing severe housing problems (12% compared to the Texas average of 17%) and fewer children living in single-parent households (20% vs. 17% for Texas). Additionally, Brazoria County's rates of HIV and sexually transmitted infections per 100,000 people were both approximately one-third lower than the state metrics.

However, the number of preventable hospital stays per 100,000 in Brazoria County was 3,725, which is 27% higher than the Texas average of 2,933. Although admission data for these stays is unavailable, the relatively high rate suggests that Brazoria County may face challenges in appropriately assessing and triaging medical crises.

Health Indicators	Brazoria County	Texas
Adult Smoking	14%	13%
Adult Obesity	38%	36%
Frequent Mental Distress	15%	14%
Severe Housing Problems	12%	17%
Children in Single-Parent Households	20%	26%
Income Inequality	4%	5%
Diabetes Prevalence	11%	11%
Drug Overdose Deaths	14	14
HIV Prevalence (cases per 100,000)	303	415
Low Birthweight	8%	8%
Sexually Transmitted Infections (cases per 100,000)	383.7	506.8
Teen Births	18	24
Uninsured	16%	20%
Preventable Hospital Stays (per 100,000)	3,725	2,933

Health Disparities

In addition to general health indicators, it's crucial to address the health and economic disparities within the community. These disparities are evident in health outcomes, with data showing that diseases affect individuals differently based on race, ethnicity, gender, and financial status. The National Institute on Minority Health and Health Disparities offers an interactive portal that uses data from public health surveillance systems to highlight these disparities. This information is available through their published reports or public-use files.[10]

Mortality rates and Socio-Demographic indicators from the data are illustrated below for Brazoria County, with racial subgroups of the White, Black, American Indian/Alaskan Native, Asian Pacific Islander, and Hispanic populations also demonstrated. The yellow shaded areas indicate a metric weaker than the general Brazoria County population, with green shading indicating a similar or stronger rate.

At 15.1 per 100,000 the Brazoria County suicide rate is higher than the Texas average of 13.8. The White suicide rate is significantly elevated- 21.3 vs 11.0 for Hispanics and 9.4 for Blacks.

Mortality Rates 2018-2022* (per 100,000)	Brazoria County (All Races)	Brazoria County (White)	Brazoria County (Black)	Brazoria County (American Indian/ Alaskan Native)	Brazoria County (Asian Pacific Islander)	Brazoria County Hispanic Ethnicity	Texas (all races)
Death Rate	822.7	921.8	889.8	262.0	325.4	659.5	826.1
Accidents and Adverse Effects	43.1	57.2	35.0	-	12.4	32.3	45.0
Alzheimer's Disease	47.2	52.7	60.1	-	-	31.9	41.2
Cancer	155.3	174.8	169.5	-	83.7	113.7	143.5
Cerebrovascular Disease	41.9	44.3	54.1	-	23.4	33.2	42.0
Chronic Lower Respiratory Disease	36.1	47.2	24.5	-	-	12.5	37.5
Chronic Liver Disease & Cirrhosis	12.1	15.8	-	-	-	13.6	15.5
Diabetes	18.0	15.0	32.9	-	-	25.7	25.3
Heart Disease	184.2	207.7	199.0	-	60.7	132.9	174.5
Homicide & Legal Intervention	5.3	4.7	12.5	-	-	3.7	7.2
Kidney Disease	15.5	13.6	25.5	-	-	20.1	15.9
Septicemia	14.9	15.5	25.3	-	-	12.6	12.6
Suicide & Self-Inflicted Injury	15.1	21.3	9.4	-	-	11.0	13.8

[10] Data Portal - HDPulse (nih.gov)

data for the American Indian/ Alaskan Native category is unavailable due to insufficient data

Socio-Demographics 2021* (per 100,000)	**Brazoria County (All Races)**	**Brazoria County (White)**	**Brazoria County (Black)**	**Brazoria County (American Indian/ Alaskan Native)**	**Brazoria County (Asian Pacific Islander)**	**Brazoria County Hispanic Ethnicity**	**Texas (all races)**
Median Household Income	$91,972	$91,419	$99,025	$100,412	-	$79,991	73,035
Families Below Poverty	5.9	6.0	4.6	0.9	3.7	9.5	10.7
Education: Less Than High School	11.2	9.4	5.7	13.4	8.7	24.8	14.8
Education: At Least Bach. Degree	31.4	28.8	36.2	19.8	63.9	17.7	32.3

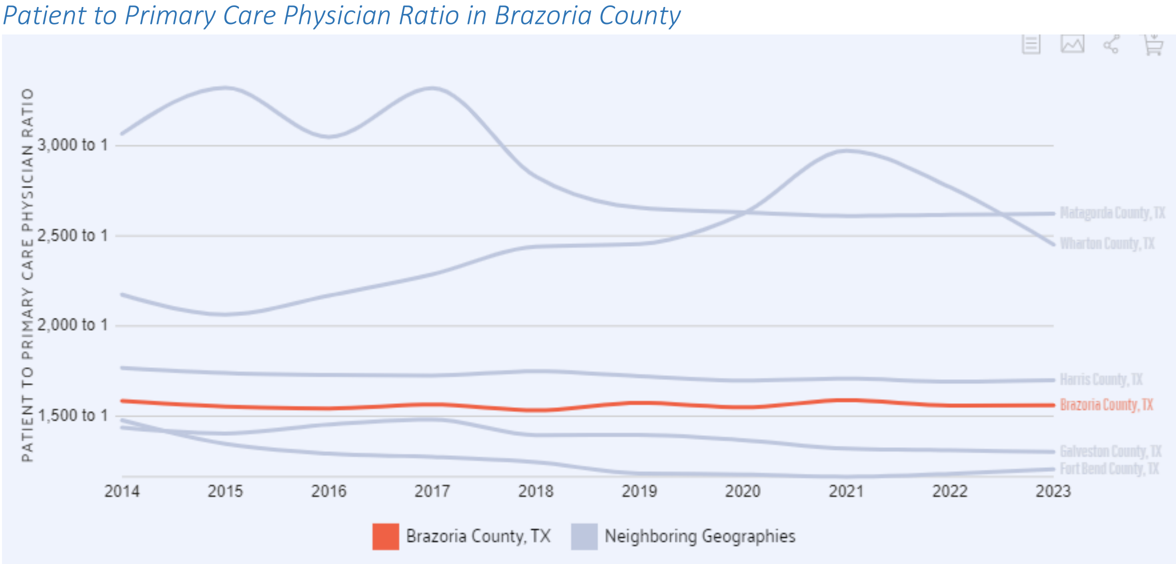
Provider Ratios

Health Professional Shortage Area (HPSA) designations identify areas in need of healthcare services, partly based on the population-to-provider ratio. The graphs below show the ratio of patients to active providers in Brazoria County and the state of Texas.

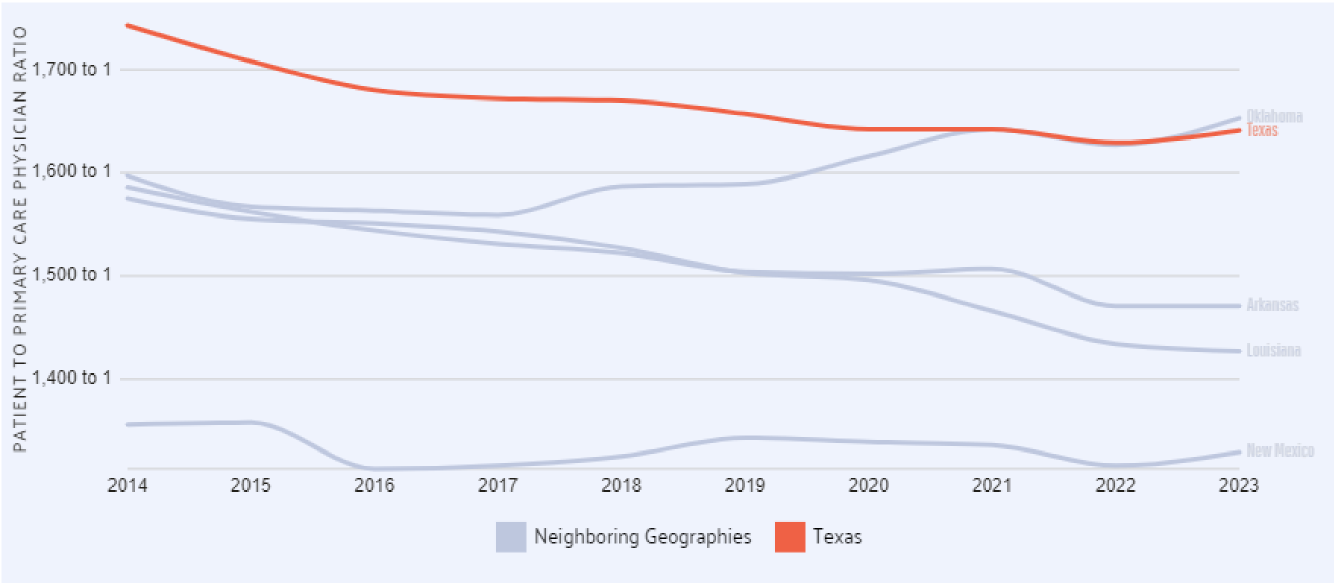
In 2023, primary care physicians in Brazoria County, TX saw an average of 1,560 patients per year. This ratio has been fairly consistent since 2014. Primary care physicians in Texas see an average of 1,641 patients per year. This ratio has declined steadily from 1,743 in 2014 to 1,641 in 2023. Furthermore, in 2023, mental health providers in Brazoria County, TX saw an average of 1,052 patients per year and mental health providers in Texas saw an average of 691 patients per year. In both regions, the mental health provider ratio dropped sharply between 2024 and 2015 but then was fairly steady – declining slightly – from 2015 through 2023.

Brazoria County's ratio of mental health providers per patient (1,052) is 52% higher than the Texas average (691), representing a much higher case load and underscoring the need for additional mental health providers in Pearland and the surrounding areas.

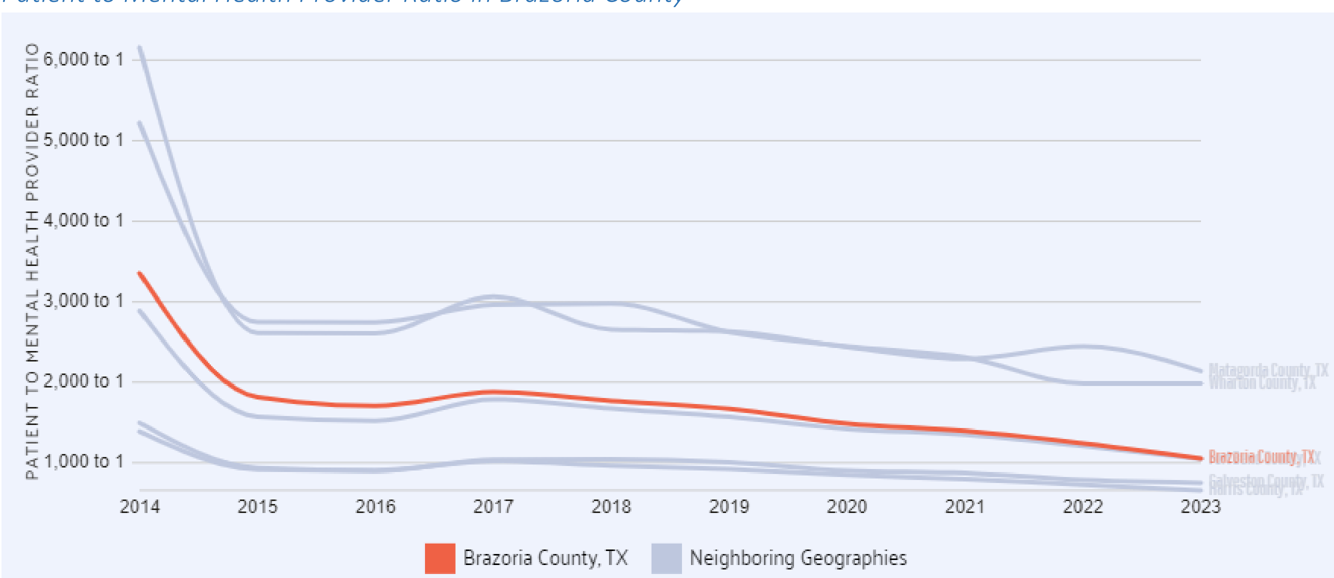
Patient to Primary Care Physician Ratio in Brazoria County



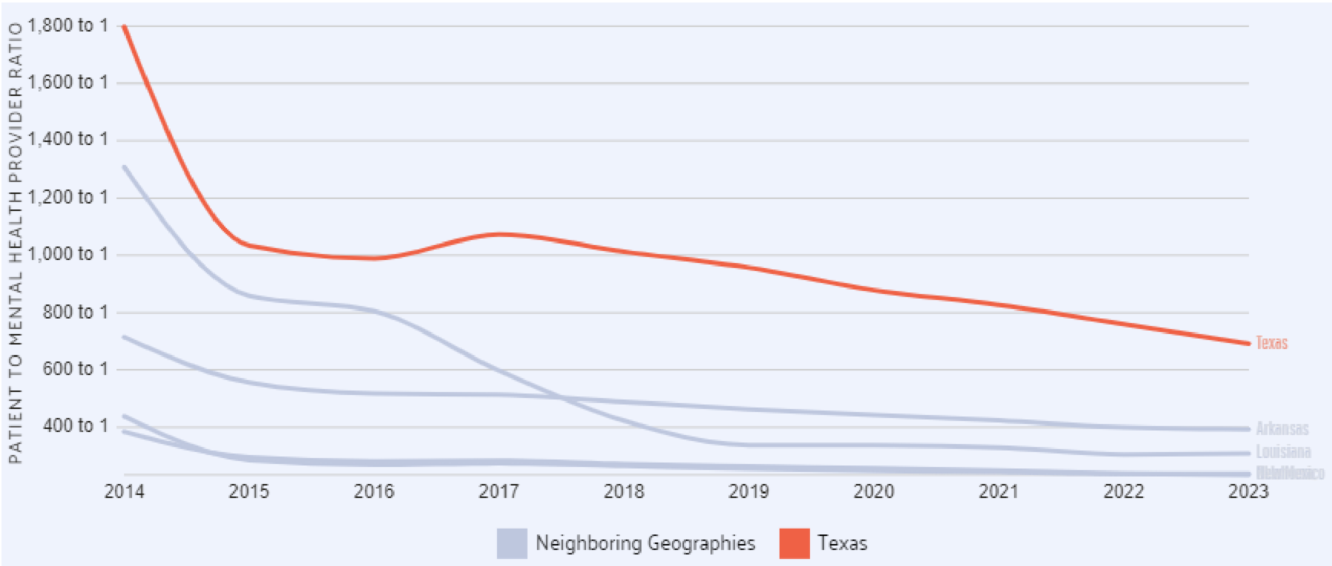
Patient to Primary Care Physician Ration in Texas



Patient to Mental Health Provider Ratio in Brazoria County



Patient to Mental Health Provider Ratio in Texas



The number and location of potentially competing healthcare establishments are key factors to consider in a health center's strategic planning, partnerships, and expansion efforts. The table below lists various types of healthcare providers in Brazoria County, showing the ratio of providers per 100,000 residents, with Texas metrics included for comparison. This information helps identify potential needs for primary care, specialty care, and social services based on population density.

In 2021, Brazoria County had 32 Offices of Mental Health Practitioners, equating to 8.3 offices per 100,000 residents. **This is just a quarter of the state ratio of 33.7, highlighting the significant shortage of mental health services in the county.**

Table: Brazoria County Health Care Establishments

Healthcare Establishments[11] 2021	Brazoria County Establishments	Brazoria County Ratio per 100,000	Texas Establishments	Texas Ratio per 100,000
Offices of Physicians	471	122.4	86,216	288.0
Offices of Dentists	290	75.3	47,366	158.2
Offices of Mental Health Practitioners	32	8.3	10,081	33.7
Offices of Chiropractors	53	13.8	10,240	34.2
Offices of Optometrists	82	21.3	8,523	28.5

[11] www.census.gov

Healthcare Establishments[12] 2021	Brazoria County Establishments	Brazoria County Ratio per 100,000	Brazoria County Ratio per 100,000	Texas Ratio per 100,000
Outpatient Care Centers	127	33.0	18,077	60.4
Medical and Diagnostic Labs	35	9.1	7,257	24.2
Home Healthcare Services	77	20.0	17,536	58.6
Other Ambulatory Health Care Services	32	8.3	6,511	21.7
General Medical & Surgical Hospitals	4	1.0	1,915	6.4
Nursing Care Facilities (Skilled Nursing Facilities)	27	7.0	6,227	20.8
Res. Intellectual & Dev. Disability, Mntl. Health, Subs. Abuse	55	14.3	7,099	23.7
Continuing Care Retirement/ Assisted Living	16	4.2	5,240	17.5
Community Food & Housing	12	3.1	3,857	12.9
Individual and Family Services	142	36.9	20,090	67.1
Child Day Care Services	204	53.0	23,784	79.4

Outpatient services in Brazoria County are projected to see substantial growth over the next decade, with many areas expanding rapidly due to population and market changes.

- **Hospital Outpatient Department** visits are expected to rise by **39.8%** by 2033, growing from **320,370 in 2023** to **447,831**.
- **Emergency Department** visits will increase by **34.6%**, reaching **179,569** by 2033.
- **Ambulatory Surgery** will see a **41.4%** growth, with **455,488 procedures** projected in 2033.
- **Endoscopy services** will grow by **42.5%**, and **Oncology Centers** by **39.8%**.
- **Physical Therapy** services are expected to rise **56.1%**, and **Office/Clinic** visits by **44.7%** by 2033.

Diagnostic services like **lab work** and **independent testing** will also expand, with lab services projected to increase by **52.7%**. Notably, the **Other** category, including specialized services, will see a **100.3%** surge, reflecting the growing demand for niche healthcare needs.

This rapid growth underscores the shift towards outpatient and specialized care in Brazoria County.

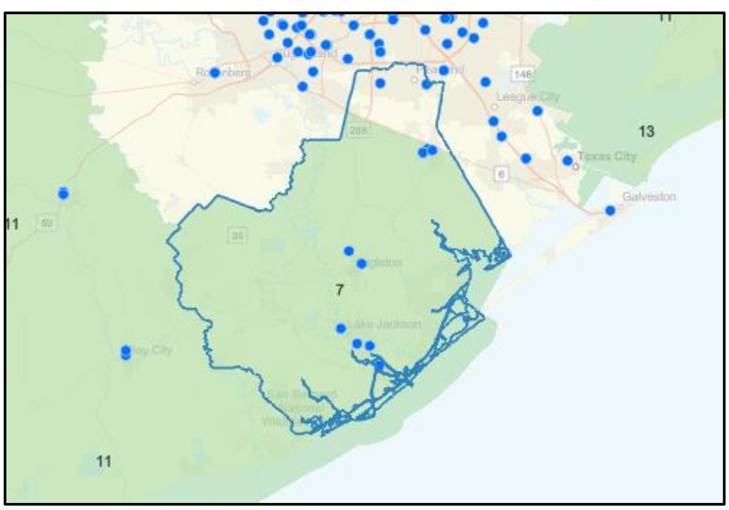
12 www.census.gov

Table: Current and Projected Outpatient Services in Brazoria County, Texas

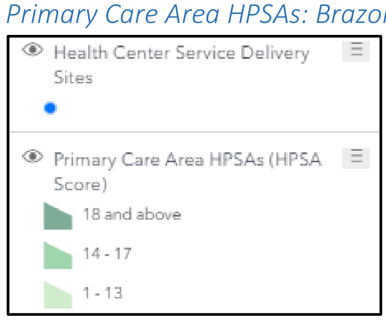
Site of Care - OUTPATIENT	2023 Volume	2028 Volume	2033 Volume	5 Yr Growth	10 Yr Growth
Hospital Outpatient Department	320,370	378,441	447,831	18.1%	39.8%
Emergency Department	133,447	152,371	179,569	14.2%	34.6%
Ambulatory Surgery	322,077	385,221	455,488	19.6%	41.4%
Endoscopy	46,749	56,445	66,630	20.7%	42.5%
Oncology Center	141,977	169,740	198,554	19.6%	39.8%
Sleep Studies	24,682	29,587	34,607	19.9%	40.2%
Independent Diagnostic Testing Facility	123,003	148,681	174,663	20.9%	42.0%
Physical Therapy	185,474	229,773	289,542	23.9%	56.1%
Office/Clinic	1,415,807	1,718,668	2,048,444	21.4%	44.7%
Lab	303,552	380,838	463,614	25.5%	52.7%
Other	81,838	119,076	163,900	45.5%	100.3%

Health Professional Shortage Areas

HRSA's Health Professional Shortage Area (HPSA) designations offer another way to examine and compare states, counties, and municipalities.[13] HPSA designations identify areas and population groups in the U.S. that face a shortage of health professionals. This method assesses the number of providers and resources available to both the general and low-income populations. HPSAs are scored on a scale from 1 to 18+, with 1 indicating little to no need for additional professionals and 18+ signifying high need or an underserved area. HRSA assigns scores for Primary Care, Dental, and Mental Health based on a complex provider-to-resident ratio. These scores enable comparisons across regions and help identify areas with higher needs, making them eligible for programs targeting health disparities.



Primary Care Area HPSAs: Brazoria County, TX

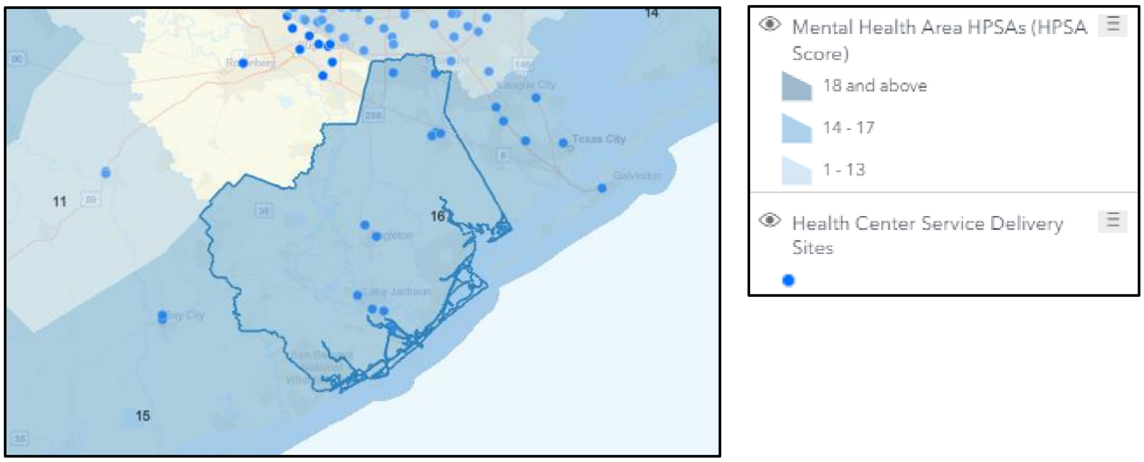


[13] http://www.hrsa.gov/shortage/

The majority of Brazoria County is classified as a Primary Care Health Professional Shortage Area (HPSA) with a relatively low score of 7. However, the northern part of the county, around Pearland, is not in a Primary Care HPSA, indicating that access to primary care providers is generally not a major concern for the county.

In contrast, there is a much greater need for mental health professionals. All of Brazoria County is designated as a Mental Health Professional Shortage Area with a score of 16, the second highest along the Texas Gulf Coast, surpassed only by a region near Port O'Connor, which has a score of 17.

Mental Health Area HPSAs: Brazoria County, TX



Mental Health Care Health Professional Shortage Areas (HPSAs), September 2022		
	Percent of Need Met	Practitioners Needed to Remove HPSA Designation
United States	27.7%	7,871
Texas	32.5%	702

NOTE: Percent of need met is defined as the ratio of available psychiatrists to the number needed to eliminate the HPSA designation. Calculations are based on the number of psychiatrists and do not generally include other mental health care professionals.

SOURCE: Bureau of Health Workforce, Health Resources and Services Administration, Designated Health Professional Shortage Areas Statistics: Designated HPSA Quarterly Summary, as of September 30, 2022.

Behavioral Health Landscape

The previous sections have explored the demographic and medical background of Brazoria County. As mentioned, it is important information for policymakers as they decide how to respond to the crisis and allocate resources. This section, however, directly addresses the issue at hand- the behavioral health needs of Brazoria County.

According to the American Hospital Association, “Behavioral health disorders include both mental illness and substance use disorders. Mental illnesses are specific, diagnosable disorders characterized by intense alterations in thinking, mood and/or behavior over time. Substance use disorders are conditions resulting from the inappropriate use of alcohol or drugs, including medications. Persons with behavioral health care needs may suffer from either or both types of conditions as well as physical co-morbidities.”

Brazoria County is facing a significant mental health and substance use crisis, with alarming trends that are straining local health systems. Most critically, the county has **zero psychiatric inpatient beds**, severely limiting its ability to address acute mental health crises and forcing many patients to seek care outside the county.

The demand for mental health services is projected to grow substantially. In 2023, Brazoria County saw 164,086 psychiatric service visits, and this number is expected to increase to 212,390 by 2028—a **29.4% rise** over five years. By 2033, the projected volume will reach 245,337, marking **49.5% growth** over the next decade, with a **compound annual growth rate (CAGR) of 5.3%**. This rapid increase in demand underscores the urgent need for expanded mental health infrastructure.

State and national statistics reflect similarly troubling trends:

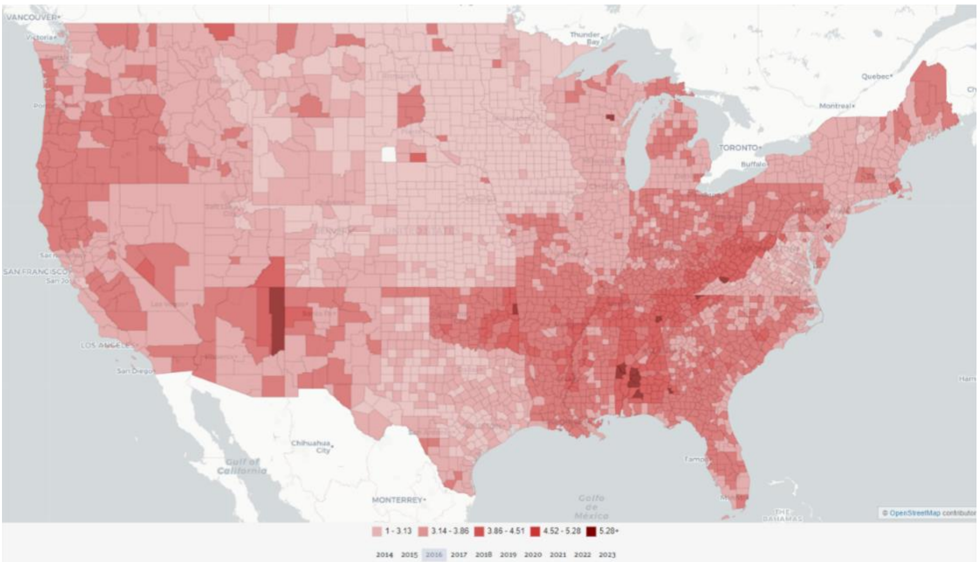
- **Suicide Rate**: The county’s suicide rate stands at **15.1 per 100,000**, above the Texas average of 13.8. While this may seem like a small difference, Brazoria County ranks **12th in Texas for fastest-growing suicide rates**, highlighting the urgency of the issue.
- **Mental Health Indicators**: Between 2014 and 2023, the county saw a **57% increase in poor mental health days** and a **90% rise in fatal opioid overdoses**, coinciding with the introduction of fentanyl in 2019. Additionally, binge drinking rates nearly doubled during this period.
- **National Context**: In the U.S., **18.4% of adults have been diagnosed with depression**, with Texas slightly below at **17.7%**. Youth mental health is particularly alarming, as one in three high school girls nationwide has considered suicide, and over half report persistent sadness or hopelessness.

These trends in Brazoria County mirror national challenges exacerbated by the COVID-19 pandemic, which significantly increased rates of depression, anxiety, and substance use disorders. The rising demand for psychiatric services, coupled with limited resources, paints a troubling picture of a healthcare system that is overwhelmed and ill-equipped to handle the escalating crisis.

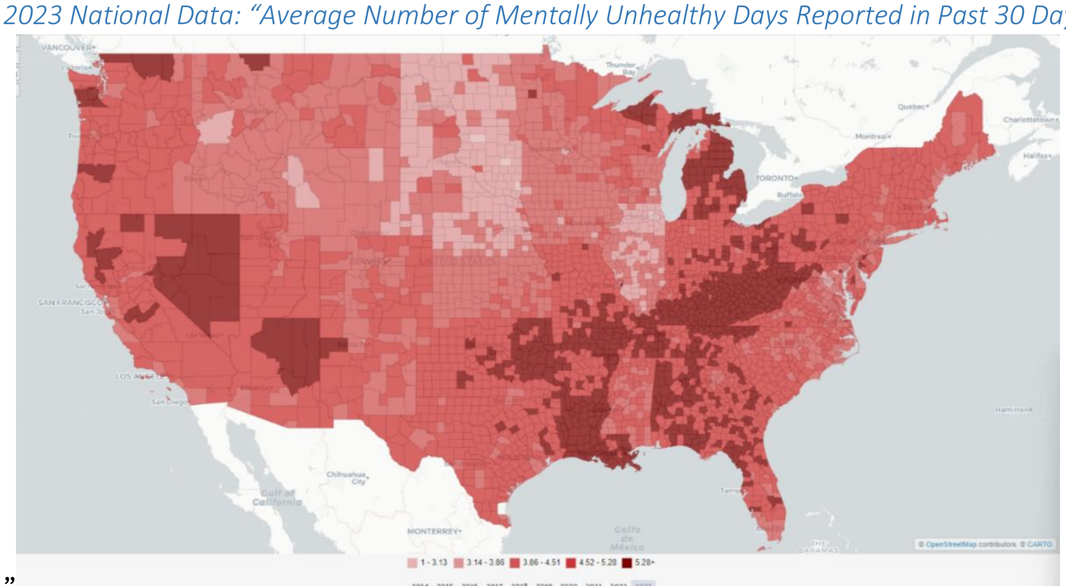
National and State Behavioral Health Context

According to the Council of Economic Advisors, the mental health crisis in the U.S., worsened by the COVID-19 pandemic, has significant emotional, social, and economic consequences. Untreated mental health disorders affect individual well-being and carry high economic costs due to lower educational outcomes, decreased workforce participation, and increased reliance on public programs. The pandemic exacerbated conditions such as depression, anxiety, and substance use disorders. The maps below, the first from 2016, the second from 2023, show just how much mental health has deteriorated in the country in the past eight years.

2016 National Data: "Average Number of Mentally Unhealthy Days Reported in Past 30 Days (age-adjusted)"



2023 National Data: "Average Number of Mentally Unhealthy Days Reported in Past 30 Days (age-adjusted)



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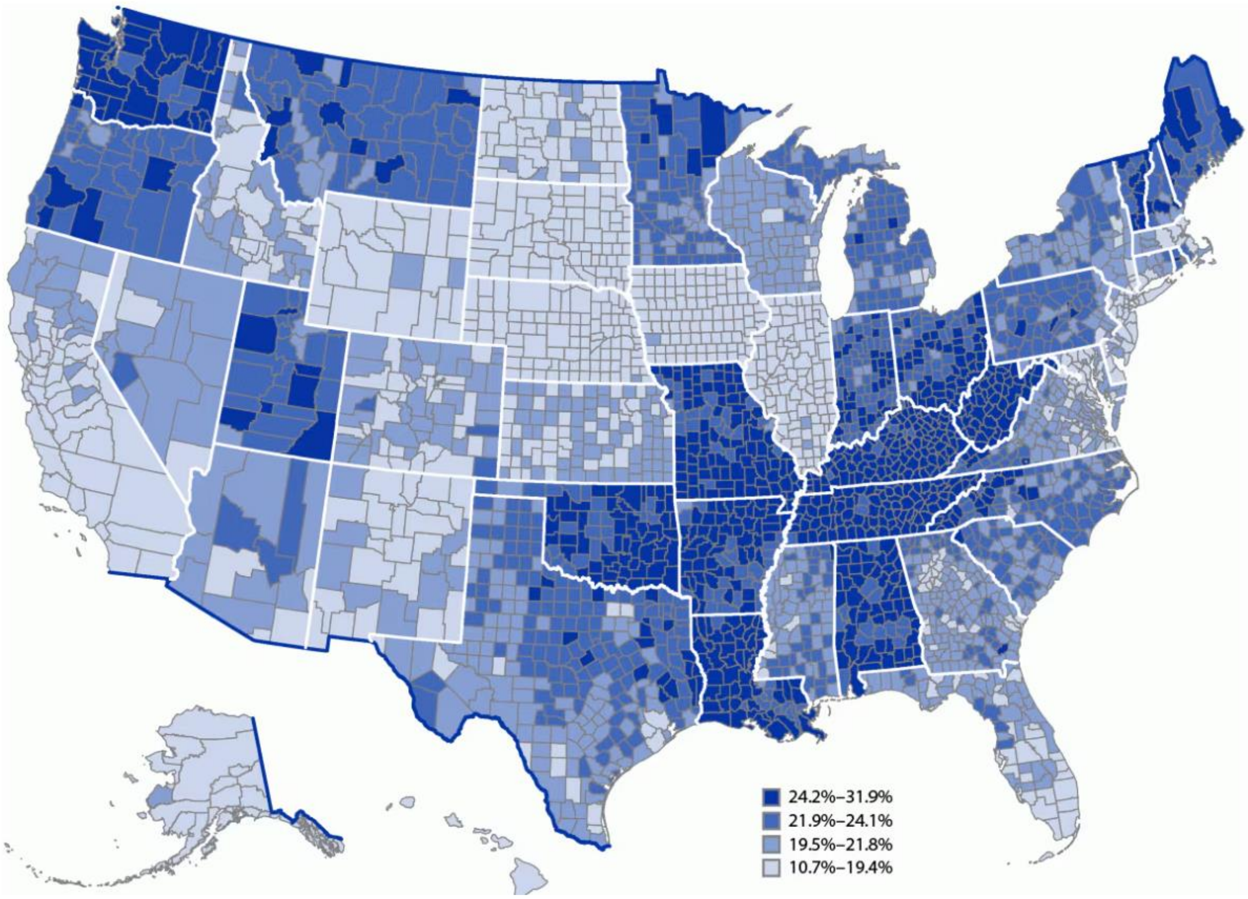
National and State Depression and Suicide Trends

FIGURE. Model-based age-standardized* county estimates of the percentage† of adults aged ≥18 years self-reporting a lifetime diagnosis of depression§ — Behavioral Risk Factor Surveillance System, United States, 2020



Depression has emerged as a significant contributor to mortality, disability, and economic burdens in the United States. Recognizing the gravity of the situation, experts suggest that this data should guide decision-makers in prioritizing health planning and implementing interventions, especially in areas plagued by substantial gaps or inequities.

18.4% of adults in the United States have been diagnosed with depression. Texas is just slightly below that, at 17.7%.

Table: Depression Among Adults in Texas

State	Sample size	Unweighted no. with depression	Weighted[†] no. with depression (thousands)	Prevalence[†] % (95% CI)	Age-standardized prevalence[§] % (95% CI)
Texas	10,968	2,215	3,881	17.7 (16.4–19.1)	17.5 (16.2–18.9)

Both nationally and in Texas, youth are among the most vulnerable. In 2023, a survey conducted by the Centers for Disease Control and Prevention (CDC) shed light on a deepening crisis in teen mental health. The findings were particularly alarming for teenage girls. Approximately one in three high school girls in the U.S. reported having seriously considered attempting suicide. Even more concerning, over half—57%—expressed feelings of persistent sadness or hopelessness, marking a record high in such reports.

The crisis extends beyond feelings of despair to tangible increases in suicide rates among young people. In 2021, suicide became the second leading cause of death for Americans aged 10 to 24. This age group witnessed a staggering 62% increase in suicide rates from 2007 to 2021, with the numbers climbing from 6.8 to 11 deaths per 100,000 people.

Young adults between the ages of 20 and 24 experienced the most pronounced surge. From 2020 to 2021 alone, the suicide rate in this group jumped from 17.8 to 19.4 deaths per 100,000 people, surpassing the homicide rate for the same demographic. Older teenagers, those aged 15 to 19, saw a 57% increase in suicide rates from 2009 to 2017, rising from 7.5 to 11.8 deaths per 100,000. This rate remained stable through 2021.

These unsettling trends highlight an urgent need for enhanced mental health support and resources, particularly for young people. Addressing this escalating crisis will require comprehensive efforts to implement effective interventions and to bridge the disparities contributing to these alarming statistics.

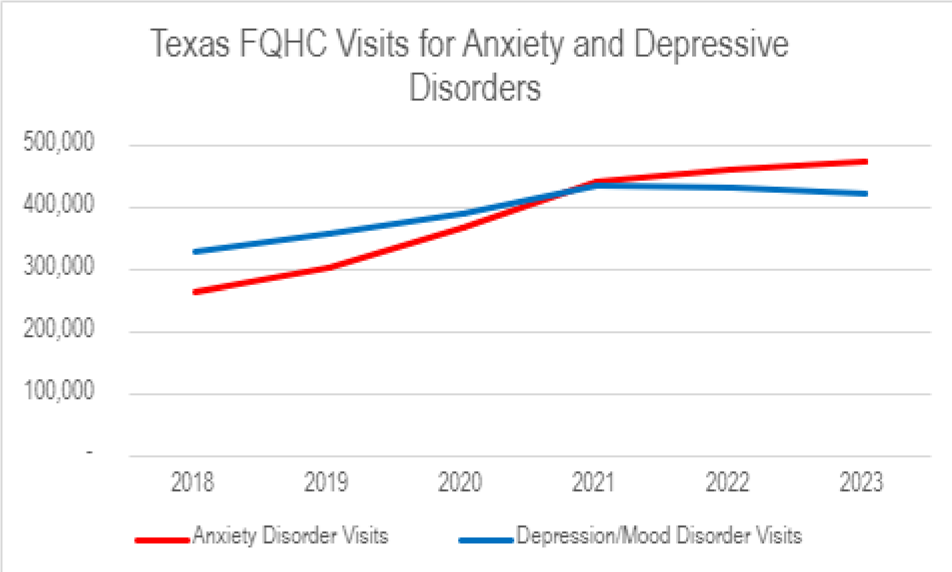
Texas Patient Visits for Mental Health Disorders

Understanding the top diagnosis codes in ambulatory care setting is helpful in considering highest needs. While obtaining national data across thousands of health care organizations is daunting, standardized data is available via HRSA's Uniform Data System. Below is a chart of Texas FQHC's most common reasons for visits from 2019-2023. **Remarkably, both Anxiety and Depression show up in the top seven diagnosis consistently across all 5 years**.

Table: Texas FQHCs Top Reasons by Visits 2019-2023

2019				2020				2021			
Reason	*Visits*	*Patients*	*Utilization*	*Reason*	*Visits*	*Patients*	*Utilization*	*Reason*	*Visits*	*Patients*	*Utilization*
Overweight and Obesity	797,628	390,537	2.0	Overweight and Obesity	731,344	391,280	1.9	Overweight and Obesity	868,595	455,234	1.9
Hypertension	710,245	286,934	2.5	Hypertension	702,066	292,665	2.4	Hypertension	784,073	318,809	2.5
Diabetes	514,189	173,398	3.0	Diabetes	505,019	174,356	2.9	Diabetes	564,555	191,056	3.0
Health Supervision of Infant/Child	429,876	266,050	1.6	Health Supervision of Infant/Child	438,777	260,102	1.7	Health Supervision of Infant/Child	528,692	309,981	1.7
Depression and other Mood Disorders	356,876	121,770	2.9	Depression and other Mood Disorde	390,949	118,842	3.3	Coronavirus Vaccine	492,424	273,032	1.8
Selected Immunizations	338,487	248,211	1.4	Anxiety Disorders	366,960	114,681	3.2	Anxiety Disorders	442,076	135,503	3.3
Anxiety Disorders	303,666	105,697	2.9	Seasonal Flu Vaccine	312,082	284,841	1.1	Depression and other Mood Disorders	436,654	127,357	3.4

2022				2023			
Reason	*Visits*	*Patients*	*Utilization*	*Reason*	*Visits*	*Patients*	*Utilization*
Overweight and Obesity	933,581	498,731	1.9	Overweight and Obesity	1,019,694	524,273	1.9
Hypertension	779,953	320,574	2.4	Hypertension	806,459	326,442	2.5
Diabetes	570,905	194,695	2.9	Diabetes	626,627	208,318	3.0
Health Supervision of Infant/Child	541,325	334,072	1.6	Health Supervision of Infant/Child	588,777	359,056	1.6
Anxiety Disorders	462,469	145,220	3.2	Anxiety Disorders	474,099	151,349	3.1
Depression and other Mood Disorders	431,258	131,052	3.3	Depression and other Mood Disorders	423,638	131,623	3.2
Selected Immunizations	344,710	246,441	1.4	Selected Immunizations	393,013	271,101	1.4



We are using Texas FQHC data as a proxy to understand patient and provider experiences, as FQHCs offer the most comprehensive publicly available data. Private for-profit and non-profit data are often limited due to reporting restrictions and privacy laws.

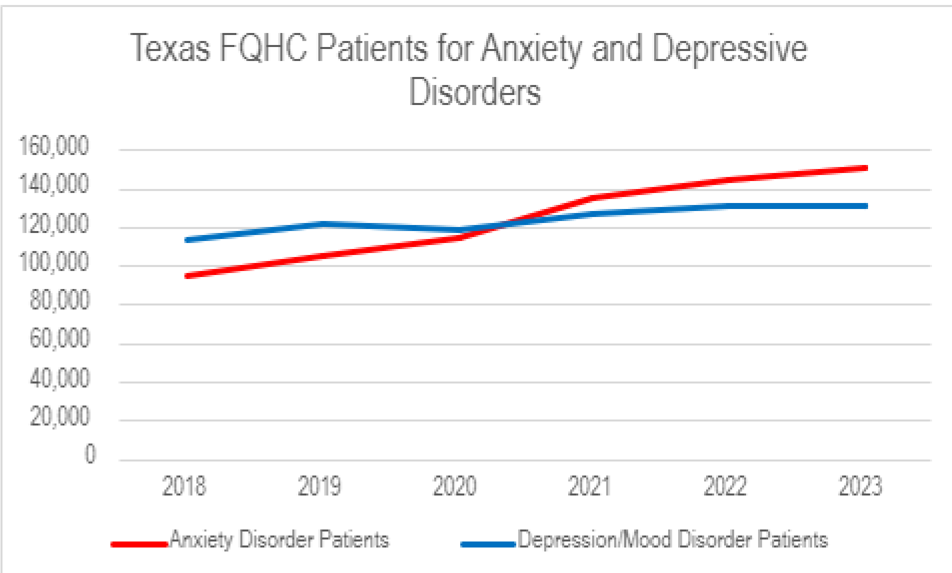
Between 2019 and 2023, the top reasons for patient visits to Texas Federally Qualified Health Centers (serving primarily low-income populations) were consistently related to **overweight/obesity**, **hypertension**, **diabetes**, and **health supervision of infants/children**. While these are expected findings, one surprising trend that warrants greater emphasis is the significant rise in mental health conditions, particularly depression and anxiety.

Depression and other mood disorders, **anxiety disorders**, and vaccine/immunization visits ranked 5th to 7th during this period. Visits for **depression and mood disorders** increased by **29%**, from 328,343 in 2018 to 423,638 in 2023, with utilization rising from 2.9 to 3.2 visits per patient. **Anxiety disorder visits** surged even more dramatically, increasing by **80%**, from 263,898 to 474,099, with utilization growing from 2.9 to 3.1 visits per patient. This notable growth in mental health visits highlights an urgent need to address the rising prevalence of depression and anxiety in these populations.

Table: Texas FQHCs Top Reasons by Patients 2019-2023

2019				2020				2021			
Reason	*Visits*	*Patients*	*Utilization*	*Reason*	*Visits*	*Patients*	*Utilization*	*Reason*	*Visits*	*Patients*	*Utilization*
Overweight and Obesity	797,628	390,537	2.0	Overweight and Obesity	731,344	391,280	1.9	Overweight and Obesity	868,595	455,234	1.9
Hypertension	710,245	286,934	2.5	Hypertension	702,066	292,665	2.4	Hypertension	784,073	318,809	2.5
Seasonal Flu Vaccine	293,288	270,756	1.1	Seasonal Flu Vaccine	312,082	284,841	1.1	Health Supervision of Infant/	528,692	309,981	1.7
Health Supervision of Infant/Child	429,876	266,050	1.6	Health Supervision of Infant/Child	438,777	260,102	1.7	Coronavirus Vaccine	492,424	273,032	1.8
Selected Immunizations	338,487	248,211	1.4	Selected Immunizations	304,907	220,913	1.4	Seasonal Flu Vaccine	292,626	270,337	1.1
Oral Exams	234,144	178,540	1.3	Novel Coronavirus Diagnostic Test	256,433	204,825	1.3	Selected Immunizations	323,521	234,733	1.4
Diabetes	514,189	173,398	3.0	Diabetes	505,019	174,356	2.9	Novel Coronavirus Diagnosti	333,247	234,678	1.4

2022				2023			
Reason	*Visits*	*Patients*	*Utilization*	*Reason*	*Visits*	*Patients*	*Utilization*
Overweight and Obesity	933,581	498,731	1.9	Overweight and Obesity	1,019,694	524,273	1.9
Health Supervision of Infant/Child	541,325	334,072	1.6	Health Supervision of Infant/Child	588,777	359,056	1.6
Hypertension	779,953	320,574	2.4	Hypertension	806,459	326,442	2.5
Seasonal Flu Vaccine	308,868	283,191	1.1	Seasonal Flu Vaccine	295,740	272,908	1.1
HIV Test	292,524	247,157	1.2	Selected Immunizations	393,013	271,101	1.4
Selected Immunizations	344,710	246,441	1.4	HIV Test	328,644	258,968	1.3
Novel Coronavirus Diagnostic Test	285,264	209,575	1.4	Diabetes	626,627	208,318	3.0



Similar to data by visits, between 2019 and 2023, the most common reason for patient visits was consistently related to **overweight and obesity concerns**. Other frequent reasons for visits included **health supervision of infants/children**, **hypertension**, and the **seasonal flu vaccine**, which typically ranked 2nd to 4th. However, in 2021, **coronavirus vaccines** surpassed the seasonal flu vaccine in the rankings.

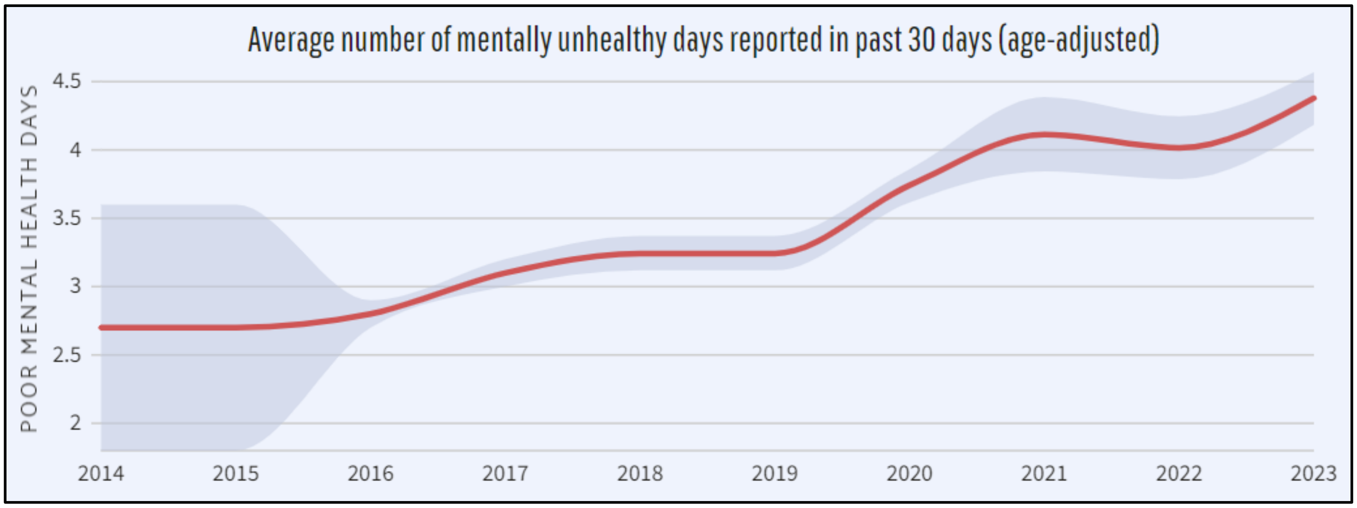
From 2018 to 2023, the number of patients treated for **depression and other mood disorders** rose by **16%**, increasing from **113,655 to 131,623**. During the same period, patients seeking care for **anxiety disorders** grew significantly, rising by **60%**, from **94,768 to 151,349**.

Brazoria County Mental Health and Substance Use Data Trends

Poor Mental Health Days: Brazoria County

The following chart illustrates the trend of poor mental health days reported within the past 30 days in Brazoria County, Texas from 2014 to 2023. Throughout the review period, the days of poor mental health within the last 30 days reported a rapid rise, from about 2.8 days in 2016 to 4.4 in 2023, **an increase of 57%**. One of the sharpest increases in Poor Mental Health Days was between 2019 (3.2) and 2021 (4.1), a 28% increase over a two year period which may have been partially caused by feelings of stress and anxiety associated with the COVID-19 pandemic[14].

Table: Average number of mentally unhealthy days reported in past 30 days (age-adjusted)[15]



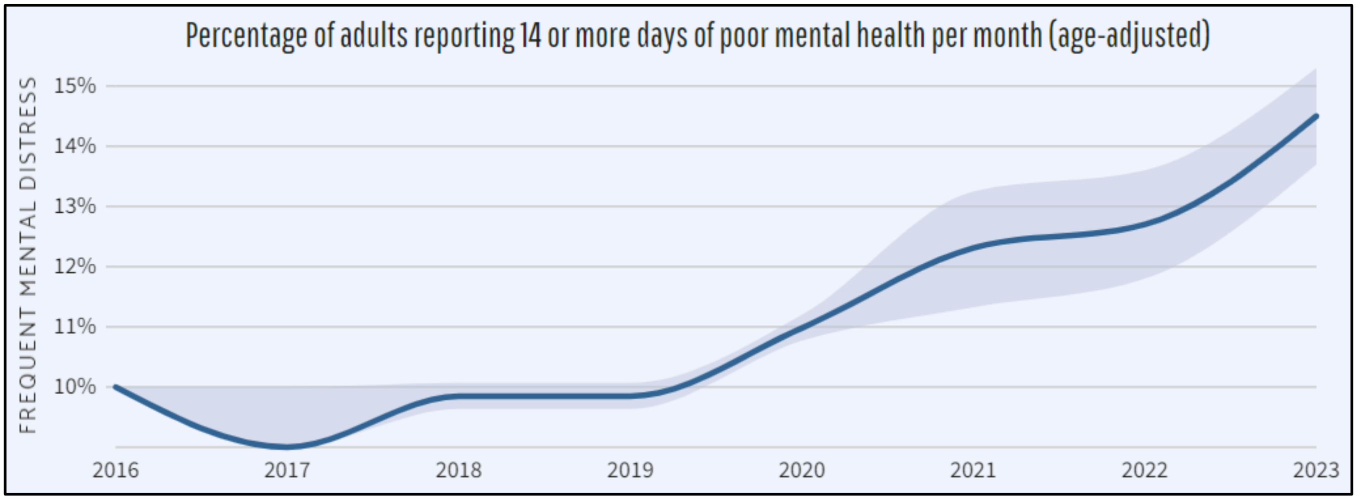
Year	Texas	Brazoria County
2024	4.6	4.6
2023	4.2	4.4
2022	3.9	4.0
2021	3.8	4.1
2020	3.8	3.7
2019	3.4	3.2

Frequent Mental Distress: Brazoria County

The chart below illustrates the trend of frequent mental distress in Brazoria County, Texas, from 2016 to 2023. Frequent mental distress is defined as the percentage of adults reporting 14 or more days of poor mental health

14 https://datausa.io/profile/geo/brazoria-county-tx?accessCareOptions=indicator_7&alcoholDrugsTobaccoOptions=indicator_9&healthBehaviorsOptions=alcoholDrugsTobaccoOption&healthOutcomesOptions=qualityOfLife&provider-clinician_patient_ratio=provider3&qualityOfLife=indicator_7#health
15 https://www.countyhealthrankings.org/health-data/health-outcomes/quality-of-life/poor-mental-health-days?year=2019&state=48&tab=1

per month (age-adjusted). This rate has risen from 9% in 2017 to nearly 15% in 2023, reflecting **an increase of almost 67%**.



Suicide Rate

The suicide rate in Brazoria County stands at **15.1** per 100,000, higher than the Texas average of **13.8** per 100,000. Although this may not seem like a significant difference, the county's suicide rate is increasing rapidly, currently ranking **12th among Texas counties in terms of growth**.

Substance Use

Opioid Use and Fatalites

While Texas has lower rates of oxycodone use compared to other states—3.1 kilograms per 100,000 people compared to the U.S. average of 8.9 kilograms—the opioid overdose rate in Brazoria County was **11.6 per 100,000 in 2022**. This is slightly higher than Texas' rate of 10.3, though lower than the national rate of 24.4. However, similar to the county's mental health statistics, the trend, rather than the current number, is alarming: in 2019, the fatal overdose rate rose from an estimated between 6.1-8 per 100,000, representing up to a 90% increase over the past five years. Each year, around **45 people die from opioid overdoses in the county**. This sustained rise, especially following the introduction of fentanyl into the drug supply in 2019, signals an urgent need for action to prevent Brazoria from reaching the overdose rates seen in other parts of the country.

It is very difficult to obtain accurate data on fentanyl use, as many cases go unreported. The most reliable data comes from fatal overdoses, which are almost always reported. Brazoria County has a population of 384,941, with an opioid overdose rate of 11.6 per 100,000 residents and a fentanyl and synthetic opioid death rate of 9.5 per 100,000. From these figures, we can approximate the number of fentanyl users.

Nationally, there are 686,000 fentanyl users[16], and applying a multiplier of 4.49 to adjust for undercounting[17] results in an estimated 3,080,140 fentanyl users nationwide. In 2022, the national fatal overdose rate for fentanyl was 73,838 deaths, giving a ratio of approximately 41.7 users for every fentanyl overdose death. Using this ratio and Brazoria County's fentanyl death rate of 9.5 per 100,000 residents, we estimate there are 396 fentanyl users per 100,000 people in the county. Multiplying this by the county's total population suggests there are approximately **1,525 fentanyl users** in Brazoria County.

For non-fentanyl opioid use disorder (OUD), the national rate is estimated at 2.72% of the population[18]. However, due to the lower number of oxycodone prescriptions in Texas, Brazoria County's OUD rate is estimated to be 34.8% of the national rate. This equates to approximately 0.95% of the county's population, or about **3,645** people, having OUD. If non-fentanyl users are undercounted at the same rate as fentanyl opioid users, however, the total number of people with OUD in Brazoria County could be as high as **16,369**.

These numbers are our best estimates, but the data clearly indicates a rising trend in opioid use. A significant number of non-fentanyl opioid users are also at risk of unintentionally using fentanyl or escalating their substance use to include illegally produced fentanyl. **It is crucial to identify and provide treatment for all individuals with opioid use disorder to prevent the crisis from worsening.**

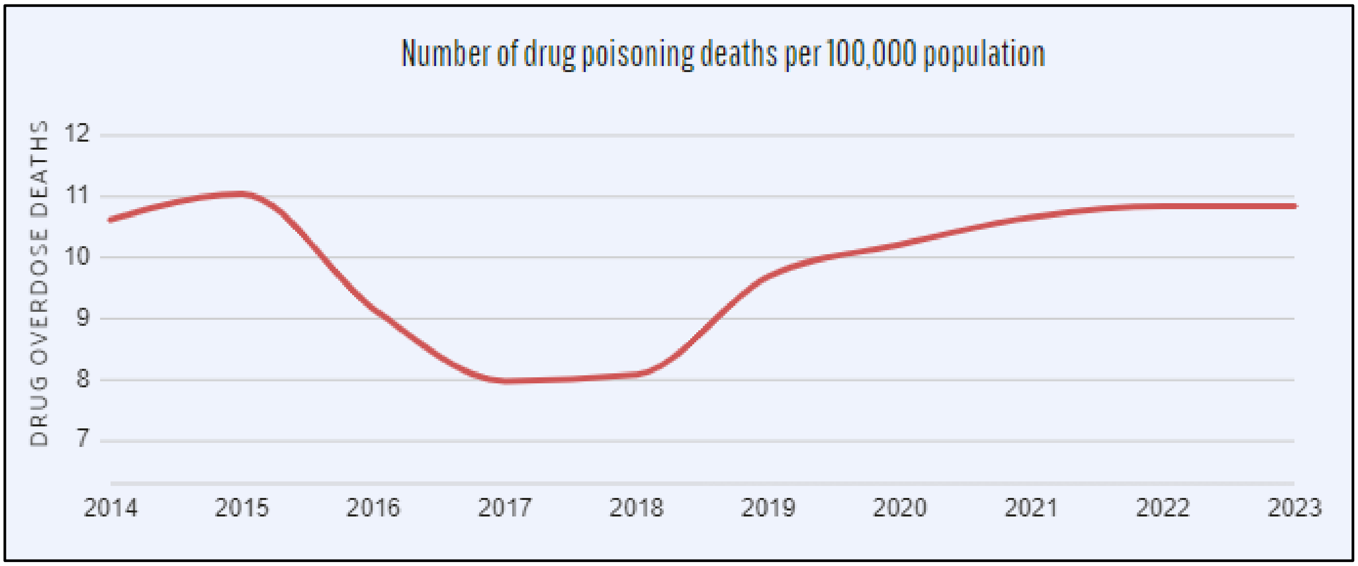
Drug Poisoning/Overdose Deaths: Brazoria County

The chart below illustrates the trend in drug poisoning deaths per 100,000 in Brazoria County, Texas, from 2014 to 2023. There was a decline in these deaths from 2015 (11 deaths per 100,000) to 2018 (8 deaths per 100,000). However, the **introduction of fentanyl in 2019** has reversed this trend. Between 2018 and 2023 drug poisoning deaths per 100,000 in Brazoria County increased 38% from 8 to nearly 11. If Texas, including Brazoria County, follows national patterns—given Texas has historically trailed behind in drug trends—**this number is expected to rise significantly over the next decade**.

[16] National Survey on Drug Use and Health (NSDUH) data https://www.samhsa.gov/data/sites/default/files/reports/rpt42728/NSDUHDetailedTabs2022/NSDUHDetailedTabs2022/NSDUHDetTabsSect1pe2022.htm

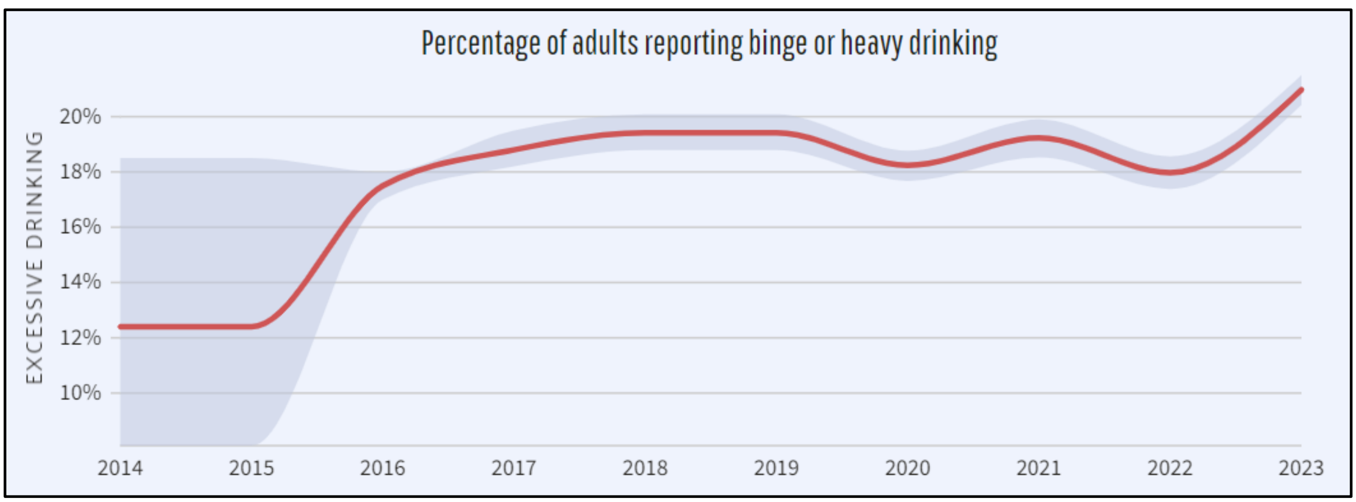
[17] Several studies estimate that opioid use disorder among marginalized populations is undercounted. A standard correction factor of 4.49 has been suggested. For more information, refer to these sources: 1, 2, 3.

[18] Determined by dividing US data found at
https://datacommons.org/place/country/USA?utm_medium=explore&mprop=count&popt=Person&hl=en
By national survey National Survey on Drug Use and Health (NSDUH) data
https://www.samhsa.gov/data/sites/default/files/reports/rpt42728/NSDUHDetailedTabs2022/NSDUHDetailedTabs2022/NSDUHDetTabsSect1pe2022.htm



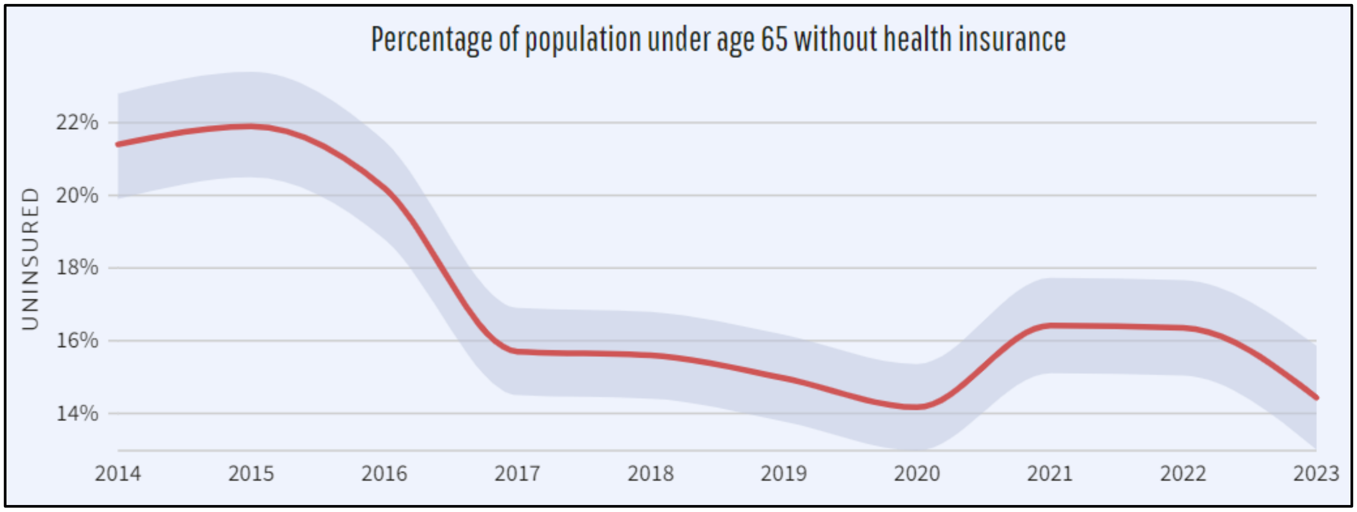
Excessive Drinking: Brazoria County

The chart below illustrates the trend in the percentage of adults reporting binge or heavy drinking in Brazoria County, Texas, from 2014 to 2023. **The rate has increased significantly, rising from 12% in 2014 to 21% in 2023**. Notable spikes occurred between 2015-2016 and 2022-2023. If this trend continues, we anticipate a rise in alcohol-related issues in the county, including increased **drunk driving incidents, higher rates of assaults, family breakdowns**, and workforce challenges leading to **lower employment rates**.

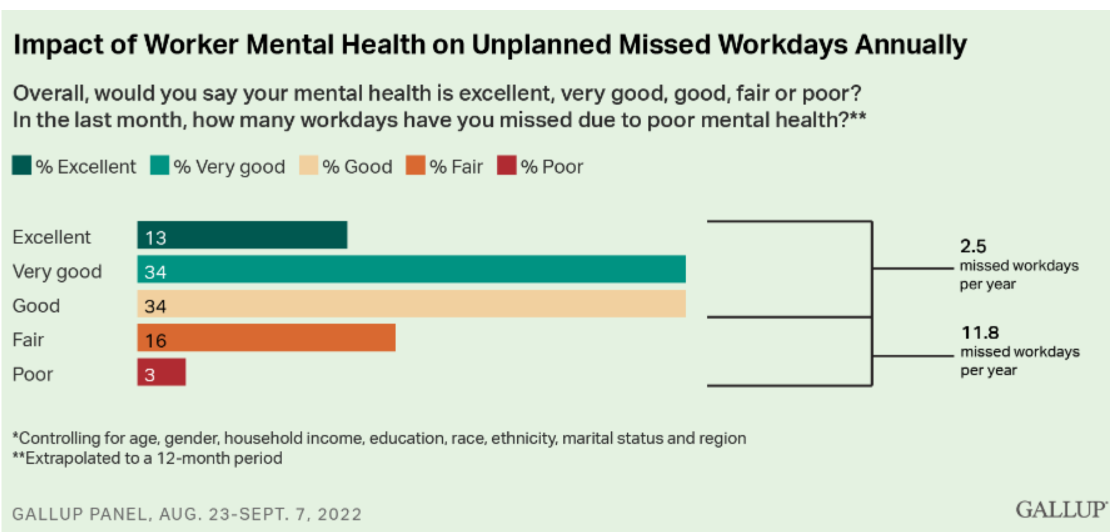


Access to Care Data Trends

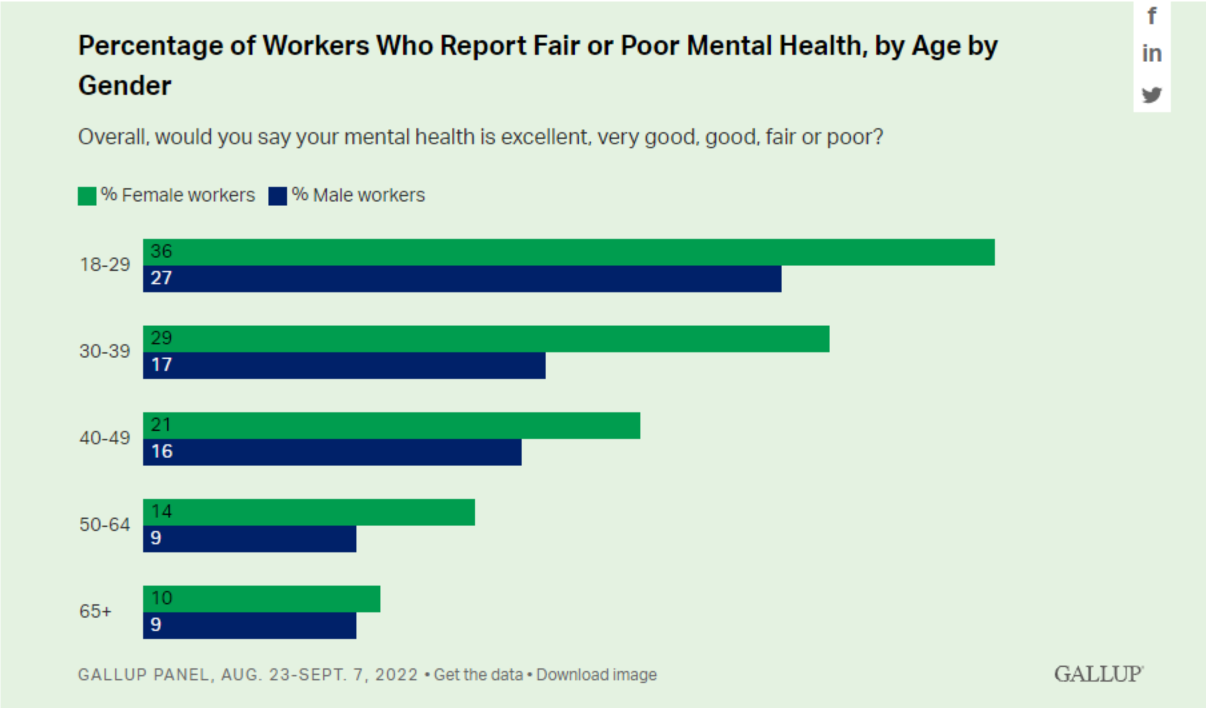
The chart below illustrates the trend in the percentage of residents under the age of 65 without health insurance in Brazoria County, Texas, from 2014 to 2023. During this period, the uninsured rate declined from a high of 21.9% in 2019 to 14.4% in 2023. While this is a positive development, **it will only lead to improved access to care if there are enough providers available in the county to meet the demand.**[19]



Financial Implications and Impact of Behavioral Health on the Texas and Brazoria Economy



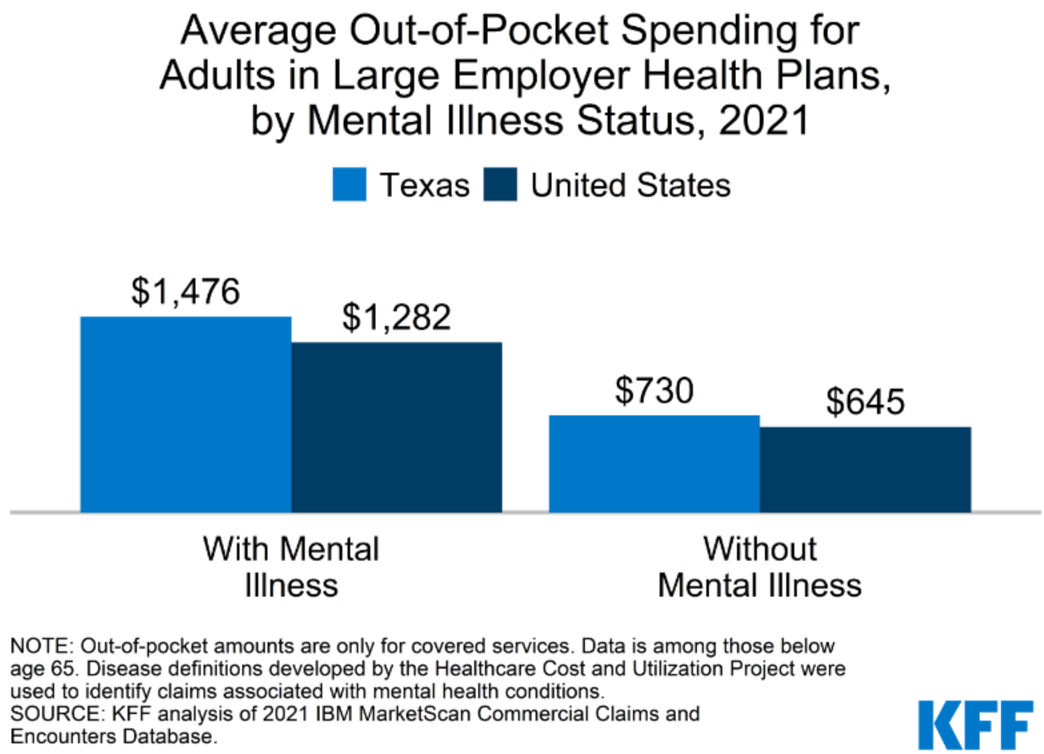
[19] https://datausa.io/profile/geo/brazoria-county az?accessCareOptions=indicator_7&alcoholDrugsTobaccoOptions=indicator_9&healthBehaviorsOptions=alcoholDrugsTobaccoOption&healthOutcomesOptions=qualityOfLife&provider-clinician_patient_ratio=provider3&qualityOfLife=indicator_7



Untreated mental illness and substance use disorders are poised to cost Brazoria County, Texas, millions of dollars annually, presenting a significant economic and social challenge that demands **immediate attention**. Recent data underscores the magnitude of this issue and its potential impact on the county's economy and the well-being of its residents.

A Gallup Panel survey conducted from August 23 to September 7, 2022, involving 15,809 U.S. working adults, highlights the substantial financial toll of poor mental health on the workforce. Participants were asked, "In the last month, how many workdays have you missed due to poor mental health?" The results, carefully adjusted for factors like age, race, ethnicity, gender, income, education, marital status, and region, reveal that poor worker mental health costs the United States an estimated $48 billion per year in lost productivity.

This figure is based on a conservative estimation of the cost of missed workdays—**$340 per day for full-time workers and $170 per day for part-time workers**. When extrapolated to Brazoria County, with a population of approximately 374,000 residents, **the local economy stands to lose millions due to absenteeism** caused by untreated mental health issues and substance use disorders. **At a time when many sectors are facing severe labor shortages, this is a cost business cannot afford to bear.**



[20]

The financial burden extends beyond lost productivity. In 2021, data from the Kaiser Family Foundation showed that adults with mental illness enrolled in large employer health plans in Texas faced significantly higher out-of-pocket expenses compared to those without mental illness. Specifically:

Out-of-Pocket Spending in Texas:

- **Adults with mental illness: $1,476**
- **Adults without mental illness: $730**

Out-of-Pocket Spending in the U.S. Overall:

- **Adults with mental illness: $1,282**
- **Adults without mental illness: $645**

These figures do not account for payments for services not claimed under employer coverage, suggesting that the actual financial strain on individuals is even greater.

Total healthcare spending for adults with mental illness is also markedly higher:

[20] https://www.kff.org/statedata/mental-health-and-substance-use-state-fact-sheets/texas/#:~:text=As%20shown%20in%20the%20figure,of%20adults%20in%20the%20U.S.

Total Healthcare Spending in Texas:

- **Adults with mental illness: $9,606**
- **Adults without mental illness: $4,451**

Total Healthcare Spending in the U.S. Overall:

- **Adults with mental illness: $8,823**
- **Adults without mental illness: $4,198**

These increased costs reflect the more extensive medical care required for untreated mental health conditions and substance use disorders, which often lead to chronic health issues and comorbidities.

For Brazoria County, the implications are clear. The combination of lost productivity due to missed workdays and higher healthcare costs places a substantial financial burden on both employers and the healthcare system. Without effective interventions, these costs will continue to escalate, straining public resources and hindering economic growth.

It is important to understand that if these trends continue, behavioral health cases threaten to overwhelm the existing hospital, police, and emergency services. Already, in our conversations with executive leadership, community leaders stress that mental health services are straining these systems.

Current Stakeholder and Provider Assessment: Brazoria County Mental Health Support Organizations/Services

Brazoria County is facing a critical mental health crisis, compounded by the fact that there are **zero psychiatric inpatient beds** available to meet the growing need for care. This shortage of facilities severely limits treatment options for individuals in acute mental health crises, leaving emergency services and law enforcement overwhelmed.

The demand for mental health services in the county is projected to rise sharply:

- In 2023, the total volume of psychiatric services was 164,086. By 2033, this volume is forecasted to reach 245,337, representing a **49.5% growth** over the next decade.

Meanwhile, the healthcare system is already strained:

- **Opioid Use Disorder**: The county faces **45** opioid-related deaths annually, with only two Opioid Treatment Programs, further compounding the mental health crisis.
- **EMS Mental Health Calls**: Between January 2022 and December 2023, there were **664** mental health-related EMS calls in Pearland alone, underscoring the growing pressure on emergency services.

- **Student Mental Health**: Pearland ISD recorded over **1,200** student visits related to depression, self-harm, and suicidal ideation in the 2023-2024 school year, showing the increasing need for youth mental health support.

Without the necessary infrastructure, including inpatient psychiatric beds, Brazoria County's health systems are struggling to keep pace with this rising demand, highlighting an urgent need for expanded mental health resources and facilities.

Current and Projected Mental Health Outpatient Services

This data and analytics for outpatient psychiatric services for **Brazoria County** was gathered using Advisory Board's Market Scenario Planner. The baseline volumes are determined by integrating historical data from various proprietary and public claims data. Forecast data is then based on changes in the population, demographics and market. The tool used for the following data is updated annually.

Table: Current and Projected Outpatient Psychiatric Services for Brazoria County

Service Line	Subservice Line	2023 Volume	2028 Volume	2033 Volume	5 Yr Growth	10 Yr Growth
Psychiatry	Psychiatry	164,086	212,390	245,337	29.4%	49.5%

Annual Volume Estimates Based on 5 YR CAGR				
5 YR Compound Annual Growth Rate (CAGR)	**2024 Volume Estimate**	**2025 Volume Estimate**	**2026 Volume Estimate**	**2027 Volume Estimate**
5.30%	172,775	181,926	191,561	201,706

Outpatient Grouping	2023 Volume	2028 Volume	2033 Volume	5 Yr Growth	10 Yr Growth
Other Psychiatric Services	2,089	3,560	4,238	70.4%	102.9%
Medication Management	10	11	11	8.2%	12.7%
Diagnostic Interview	12,847	15,841	19,021	23.3%	48.1%
Narcosynthesis	1	1	1	5.0%	21.0%
Psychoanalysis	13	13	13	-3.6%	-2.4%
Psychotherapy - Office/Outpatient	138,975	181,715	210,070	30.8%	51.2%
Group Psychotherapy	4,134	5,405	6,266	30.7%	51.6%
Family Psychotherapy	5,687	5,456	5,258	-4.1%	-7.5%
Psychophysiological Therapy	48	55	61	14.3%	28.3%
Hypnotherapy	3	4	4	7.6%	15.2%
Environmental Intervention	7	7	8	-7.8%	4.7%
Electroconvulsive Therapy	271	324	387	19.5%	42.9%

The data on psychiatric services in Brazoria County shows a significant upward trend in demand for mental health care over the next decade, particularly in outpatient services. In 2023, the total volume of psychiatric services was 164,086, and it is expected to grow to 212,390 by 2028, representing a **29.4% increase** over five years. By 2033, the projected volume reaches **245,337, marking a 49.5% growth** over ten years. This steady rise reflects a compound annual growth rate (CAGR) of 5.3%, indicating that by 2027, the annual volume of psychiatric services will likely exceed 200,000, with continued increases anticipated.

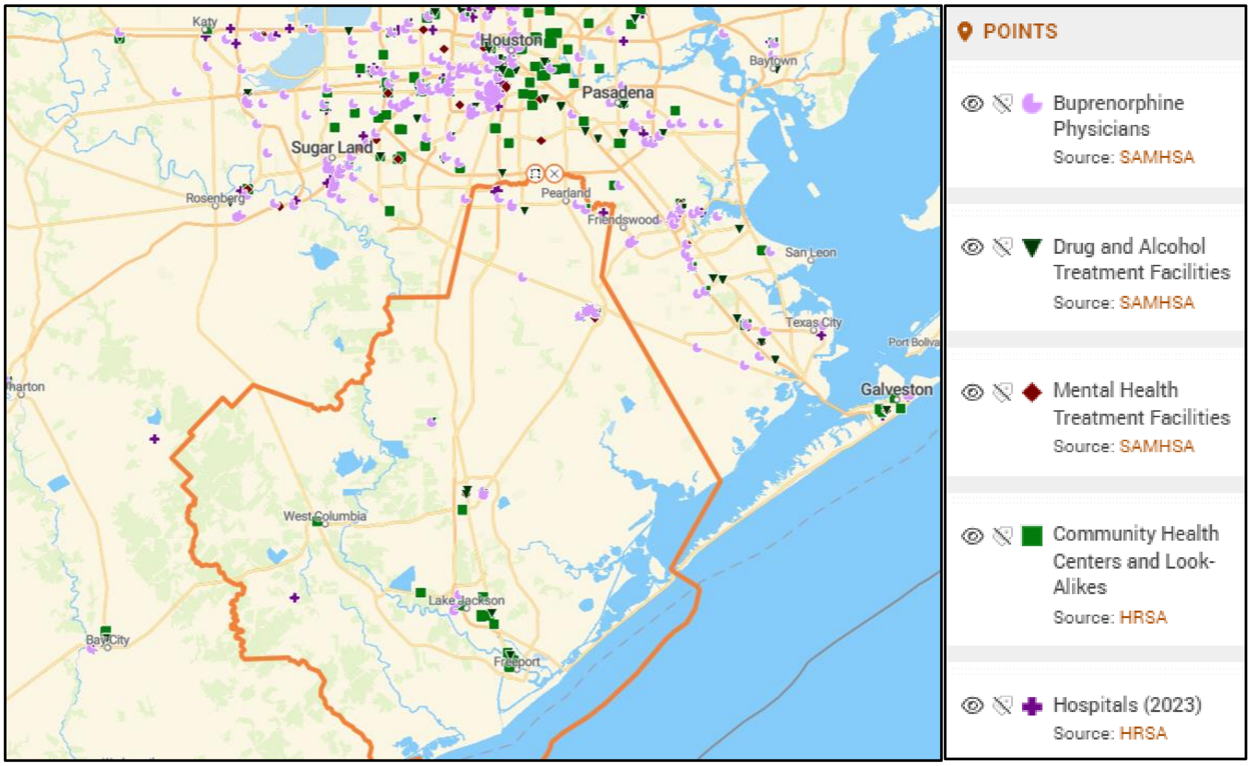
Further analysis of specific psychiatric subservices reveals that certain areas are growing faster than others. For example, other **psychiatric services, such as outpatient treatments and consultations, are expected to grow by 70.4% over the next five years**, with a **102.9% increase over ten years**. This suggests a doubling of demand in those areas. Similarly, diagnostic interviews, essential for assessing new patients, are projected to increase by 23.3% over five years and by 48.1% over the next decade, reflecting the growing need for mental health evaluations.

Psychotherapy, both individual and group sessions, also shows considerable growth. Office-based psychotherapy is expected to increase by 30.8% over the next five years and by 51.2% over ten years, indicating that the demand for therapy will rise significantly. Group psychotherapy follows a similar pattern, with projected growth rates of 30.7% and 51.6% over five and ten years, respectively. However, family psychotherapy is expected to decline by 4.1% in the next five years and 7.5% over the next decade, suggesting a shift away from family-based therapy approaches in favor of individual or group therapy models.

Other specialized services, such as psychophysiological therapy and hypnotherapy, show moderate growth, while some niche treatments, like narcosynthesis and environmental intervention, are expected to see minimal increases or slight declines. Electroconvulsive therapy (ECT), a critical treatment for severe mental health conditions, is projected to grow by 19.5% over five years and 42.9% over ten years, indicating sustained demand for this type of intervention.

In totality, the data points to a substantial increase in psychiatric services, driven by rising demand for diagnostic interviews, psychotherapy, and other mental health treatments. As Brazoria County's population grows and the need for mental health care intensifies, the healthcare system will need to expand its capacity to meet this demand.

Current Dedicated Mental Health Resource Map



Most primary care and behavioral healthcare facilities in Brazoria County (Brazoria County is outlined in orange on the map) are concentrated around Alvin, Angleton, Clute, Pearland, and Freeport. Nearly half of the hospitals are located near Pearland along the county border, serving patients from adjacent counties, which further strains the availability of psychiatric beds. Pearland has one Community Health Center (Pearland Family Health Center) with another, Scottsdale Integrated Health Clinic, just outside the county. There are also three Community Health Center sites and a mobile clinic in Alvin, two in Angleton, and additional locations in Freeport, Clute, and Lake Jackson.

The county lacks sufficient mental health treatment facilities, with only two—Gulf Coast Center in Alvin and Lake Jackson CBOC—noted at the time of this report. However, some physicians, particularly in Alvin and Pearland, are authorized to administer buprenorphine. While a few mental health facilities are located just outside Brazoria County to the east and north toward Houston, accessing them can be challenging for residents, especially those in the more southern or western areas of the county.

Federally Qualified Health Centers

Federally Qualified Health Centers (FQHCs), often referred to as “community health centers,” include not only community health centers but also migrant health centers, health care for the homeless centers, and public housing health centers. In some cases, they are affiliated with counties or hospital systems. All FQHCs are nonprofit, community-based organizations or public entities that provide comprehensive primary and preventive health care, along with related social services, to medically underserved individuals and families, regardless of their ability to pay. FQHCs are governed by a community board of directors, with at least 51% being users of the center's services.

Most FQHCs operate independently (not under a hospital's license) and serve a wide range of patients, including children, families, the elderly, Medicaid and Medicare recipients, low-income uninsured and underinsured individuals, high-risk populations, farm workers, and the homeless. They offer a variety of cost-effective primary and preventive medical services, as well as mental health, dental care, nutrition counseling, translation services, and community outreach. **By focusing on preventive care, FQHCs helps reduce the strain on hospital systems, alleviates the burden on local law enforcement dealing with mental health crises, and ultimately lowers costs for taxpayers.** Early intervention and ongoing care provided by FQHCs like Community Health Network help to prevent more severe and costly health issues, reducing emergency room visits and hospitalizations while improving overall community health.

In 2021, Brazoria County had a population of 402,092, with 21.2% considered low-income. Among these low-income residents, 27,374 were patients of FQHCs, meaning FQHCs served 33.2% of the low-income population and 6.8% of the county's total population in 2022.[21]

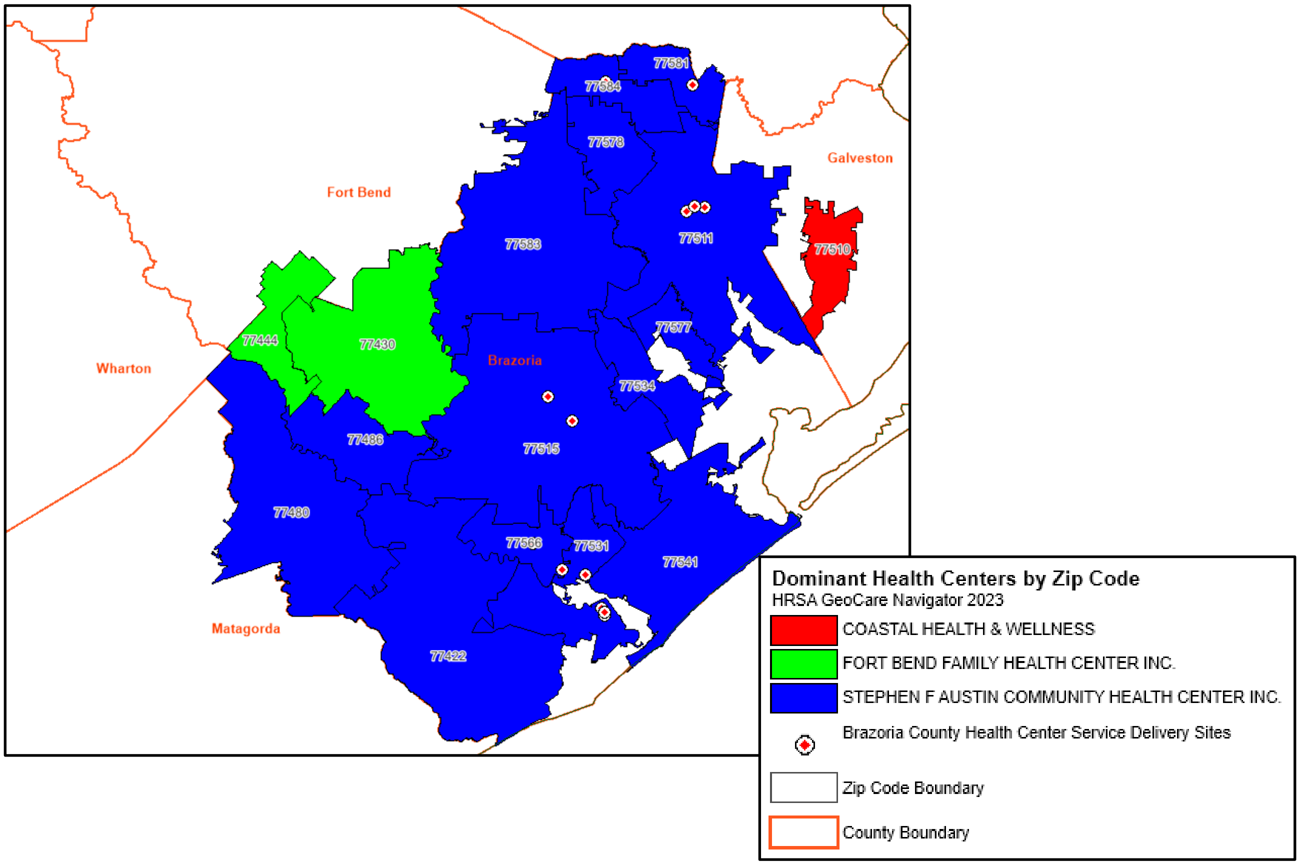
Health Centers Serving Brazoria County

Stephen F. Austin, operating as Community Health Network (CHN), is the only community health center with service delivery sites in Brazoria County. CHN offers a wide range of services, including pharmacy, primary care, pediatrics, women's and men's health, senior care, oral health, psychiatry, and therapy. It is the dominant health center in most Brazoria County zip codes, serving the largest number of low-income residents through its 14 locations in Freeport, Lake Jackson, Pearland, Pasadena, Angleton, Alvin, Houston, League City, Bacliff, and Clute. CHN provides a comprehensive approach to mental health services via MyCHN, where adult and child therapists and psychiatrists are readily accessible for both virtual and in-person appointments. The blue shading in the map below demonstrates the Brazoria County zip codes in which Stephen F. Austin is considered the "dominant" health center (i.e. has the greatest number of patients compared to other health centers serving a particular zip code).

Fort Bend Family Health Center is the leading health center in two zip codes (77430 and 77444), while **Coastal Health and Wellness** is the dominant health center in zip code 77515. Other FQHCs with a significant but not dominant market share of patients in Brazoria County include **Legacy Community Health Services** and the **Matagorda Episcopal Health Outreach Program**.

[21] https://geocarenavigator.hrsa.gov/

Map: Dominant Health Centers in Brazoria County by Zip Code



Overview of Outpatient Services Among Low-Income Patients

Between 2022 and 2023, the primary health center in Brazoria County, Community Health Network (CHN), experienced significant patient growth of 17%, increasing from 34,440 patients in 2022 to 40,438 in 2023. In comparison, Texas health centers saw a patient increase of 1.3%, and national health centers saw an increase of 2.5% over the same period.

More than 95% of CHN patients fell below 200% of the Federal Poverty Line, compared to the state and national averages of 92% and 90%, respectively. Additionally, 81% of CHN patients fell below 100% of the Federal Poverty Line, approximately 11 percentage points higher than the state average.

In terms of insurance, the percentage of CHN patients who were uninsured in 2023 (42%) was 23% higher than Texas Federally Qualified Health Centers (FQHCs) at 34%. Conversely, the percentage of CHN patients with Medicaid (28%) was 29% lower than that of Texas FQHCs. This underscores the important role CHN plays in serving vulnerable and low-income populations in Brazoria County.

CHN also serves as a crucial mental health and substance use disorder service provider in the county. **The percentage of CHN patients accessing mental health services (20%) is more than double that of state and**

national FQHCs. Nearly 7% of patients accessed substance use disorder services in 2023, compared to less than 1% of state and national FQHC patients.

Lastly, 12% of CHN patients were homeless in 2023, compared to less than 5% of Texas and national patients. Additionally, 8% were agricultural workers or their families, compared to 1% in Texas and 3% nationally.

2023 Patient Profile[22]		**Stephen F Austin (CHN) FQHC**	**Texas FQHCs**	**National FQHCs**
Patients	Patients	40,438	1,788,356	31,277,341
	Patient Growth 2022-2023	17.4%	1.3%	2.5%
Race/Ethnicity	Non-Hispanic White	32.6%	22.9%	41.0%
	Asian	2.6%	2.1%	4.2%
	Native Haw. /Other Pacific Islander	0.8%	0.3%	0.9%
	Black	12.4%	14.9%	20.9%
	American Indian/Alaska Native	0.6%	0.7%	1.7%
	More Than One Race	3.9%	1.5%	3.1%
	**Hispanic Ethnicity*	*52.4%*	*62.1%*	*38.7%*
Age	Children (Under 18 Years)	27.9%	36.9%	29.1%
	Adults (18 to 64 Years)	65.0%	54.5%	59.0%
	Older Adults (65 Years & Above)	7.1%	8.5%	11.9%
Federal Poverty Level (FPL)	200% of FPL	95.3%	92.1%	89.9%
	100% of FPL	80.7%	69.1%	67.3%
Insurance	Uninsured	41.7%	33.9%	17.9%
	Medicaid	27.8%	35.8%	50.4%
	Medicare	5.7%	7.3%	11.0%
	Third-Party	24.8%	23.1%	20.7%
Services (% of Patients)	Medical	72.8%	90.9%	85.0%
	Dental	26.9%	12.6%	20.4%
	Mental Health	20.0%	7.8%	8.9%
	Substance Use Disorder	6.6%	0.6%	0.9%
Special Populations	Best Served in a Lang. Other Than Eng.	2.0%*	34.0%	26.8%
	% Homeless Patients	12.1%	4.2%	4.6%
	% Agricultural Patients	7.7%	1.1%	3.2%
	% School-Based Patients	0.6%	1.7%	3.6%

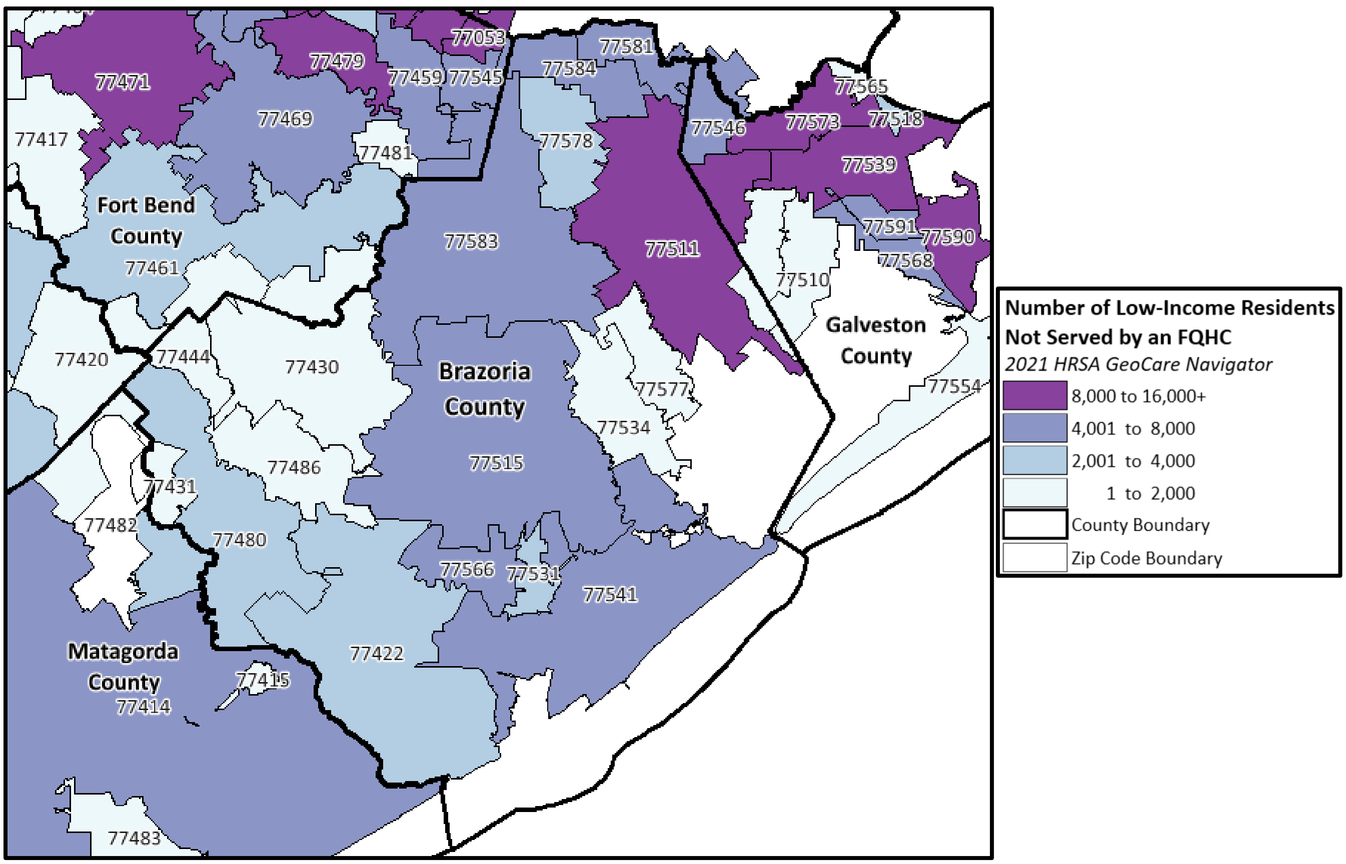
**Note: there appears to have been an error or change in how CHN reports the % of its patients Best Served in a Language other than English since historically this metric ranged from 19% to 27%.*

[22] https://data.hrsa.gov/tools/data-reporting/program-data?grantNum=H80CS11255

Number of Low-Income Residents Not Served by an FQHC Map

In addition to the FQHC market share of low-income residents, **a quick and often effective way to identify areas of need is by analyzing the number of low-income residents not currently served by an FQHC**. A larger unserved population indicates a greater market opportunity for expansion, particularly if there are few other accessible providers in the area.

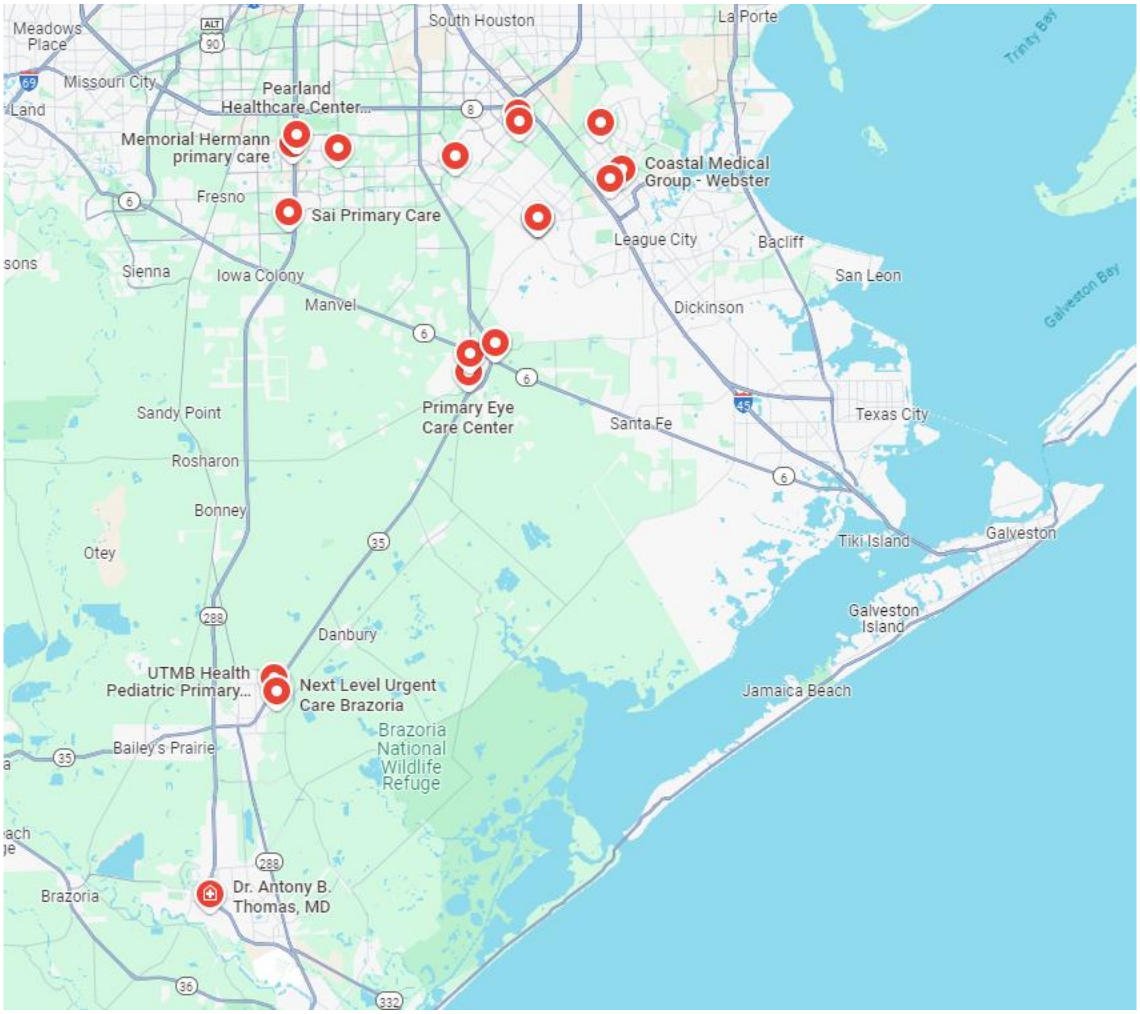
This map highlights the low-income population in Brazoria County, focusing on the unserved residents. As of 2022, over 55,100 low-income residents in Brazoria County were not being served by an FQHC. **The largest unserved population is in Zip Code 77511, with 8,290 low-income residents**. Zip Code 77584 follows, with 6,927 unserved low-income residents, and Zip Code 77515 has 5,480 unserved low-income residents.[23]



[23] https://geocarenavigator.hrsa.gov/

Other Outpatient Service Providers

In addition to FQHCs, there are a variety of other outpatient facilities serving the Brazoria County area such as primary care clinics, urgent care clinics, retail based services, and ambulatory surgery centers.



One example of an outpatient service provider in Brazoria County is **Kelsey-Seybold Clinic**. Established in 1949, Kelsey-Seybold is the longest-standing Accountable Care Organization (ACO) in Houston and was the nation's first ACO accredited by the National Committee for Quality Assurance. With over 850 medical providers across 65 medical specialties, the clinic serves approximately 500,000 patients at 40 locations, serving not only Brazoria County, but the greater Houston metropolitan area.

Kelsey-Seybold offers state-of-the-art surgery centers and a nationally accredited Cancer Center, coordinating care with area hospitals to provide 24/7 access to medical services. The clinic system is a major healthcare provider for NASA and serves as a center for healthcare research.

In recent discussions with Kelsey-Seybold leadership, they highlighted the evolving needs of their patient population. Due to changes in patient needs, they have begun screening all patients for depression and suicide.

While they are maximizing their current resources, they acknowledge that the behavioral health (BH) needs are greater than what they can presently address. Instead of solely treating patients after incidents like attempted suicide, they aim to be proactive by addressing BH needs in environments where people feel safe. They also noted that many people are unaware of the signs of depression, indicating a need for increased education and awareness.

Another significant healthcare provider in the region is the **University of Texas Medical Branch (UTMB)**. UTMB includes hospitals and emergency departments across four campuses, employs 14,772 personnel as of fiscal year 2023, and generates $3 billion in revenue. It operates more than 90 primary and specialty clinics serving Galveston and Brazoria Counties, the Bay Area, and Southeast Texas.[24]

The Gulf Coast Center also plays a crucial role as a Certified Community Behavioral Health Clinic (CCBHC). In Texas, they refer to themselves as a "Community Center," a term with specific significance in the state. In 1965, the Texas legislature passed what is now known as the Texas Mental Health and Intellectual Disabilities Act. This legislation established a state agency to provide services for individuals with mental health and intellectual disabilities and created Community Centers to work in partnership with state and federal governments as an alternative to institutional care.

My Doctor Primary Care Clinic is also an important outpatient facility focused on providing comprehensive health and wellness care to Pearland patients and offering convenient and affordable direct-pay care. My Doctor Primary Care Clinic believes that direct-pay approach “reinstates the patient at the heart of healthcare, fostering a relationship built on trust, open communication, and personalized attention. With prompt access to care, transparent costs, and an unwavering focus on quality, a PCP operating under a direct payment model is poised to redefine the way we experience healthcare. As patients increasingly seek a more patient-centered and efficient healthcare journey, the direct payment model emerges as a beacon of empowerment and transformation".

Hospital Systems

Additionally, using Advisory’s Board Inpatient Market Scenario Planner, the table below estimates in-patient volume for both Psychiatry and Substance Use Disorder.

Table: Current and Projected In-Patient Psychiatry and Substance Use Volume

Subservice Line	2023 Volume Estimate	2028 Volume Forecast	2033 Volume Forecast	5 Yr Growth	10 Yr Growth
Psychiatry	1,909	2,023	2,030	6.0%	6.4%
Substance Abuse	967	1,110	1,275	14.7%	31.8%
Total	2,876	3,133	3,305	-	-

[24] https://www.utmb.edu/facts/

Annual Volume Estimates Based on 5 YR CAGR					
Subservice Line	**5 YR Compound Annual Growth Rate (CAGR)**	**2024 Volume Estimate**	**2025 Volume Estimate**	**2026 Volume Estimate**	**2027 Volume Estimate**
Psychiatry	1.17%	1,930	1,953	1,976	1,999
Substance Abuse	2.79%	994	1,021	1,050	1,079

Subservice Line	MS-DRG	2023 Volume Estimate	2028 Volume Forecast	2033 Volume Forecast	5 Yr Growth	10 Yr Growth
Psychiatry	880-ACUTE ADJUSTMENT REACTION AND PSYCHOSOCIAL DYSFUNCTION	50	62	74	24.8%	47.8%
Psychiatry	881-DEPRESSIVE NEUROSES	159	177	191	10.9%	20.0%
Psychiatry	882-NEUROSES EXCEPT DEPRESSIVE	65	77	92	19.7%	43.1%
Psychiatry	883-DISORDERS OF PERSONALITY AND IMPULSE CONTROL	30	35	40	19.6%	35.6%
Psychiatry	884-ORGANIC DISTURBANCES AND INTELLECTUAL DISABILITY	58	80	107	37.4%	84.7%
Psychiatry	885-PSYCHOSES	1,513	1,562	1,496	3.2%	-1.1%
Psychiatry	886-BEHAVIORAL AND DEVELOPMENTAL DISORDERS	29	23	23	-18.1%	-20.7%
Psychiatry	887-OTHER MENTAL DISORDER DIAGNOSES	6	6	7	12.5%	22.9%
Substance Abuse	894-ALCOHOL, DRUG ABUSE OR DEPENDENCE, LEFT AMA	61	68	76	11.2%	24.5%
Substance Abuse	895-ALCOHOL, DRUG ABUSE OR DEPENDENCE WITH REHABILITATION THERAPY	92	109	126	17.5%	35.9%
Substance Abuse	896-ALCOHOL, DRUG ABUSE OR DEPENDENCE WITHOUT REHABILITATION THERAPY WITH MCC	51	73	88	43.2%	73.0%
Substance Abuse	897-ALCOHOL, DRUG ABUSE OR DEPENDENCE WITHOUT REHABILITATION THERAPY WITHOUT MCC	464	540	643	16.4%	38.4%
Substance Abuse	917-POISONING AND TOXIC EFFECTS OF DRUGS WITH MCC	130	167	200	28.4%	53.9%
Substance Abuse	918-POISONING AND TOXIC EFFECTS OF DRUGS WITHOUT MCC	168	153	142	-9.2%	-15.8%

The demand for inpatient psychiatric and substance abuse services in Brazoria County is projected to grow significantly over the next decade. In 2023, the estimated volume for psychiatric services reached 1,909, with a forecast of 2,023 by 2028, reflecting a 6.0% growth over five years and a 6.4% increase by 2033. Substance abuse-related inpatient care is expected to experience even steeper growth, rising from 967 cases in 2023 to

1,110 by 2028, marking a 14.7% increase. By 2033, substance abuse cases are projected to climb to 1,275, a substantial **31.8% increase** over a decade.

Annual volume estimates, based on a 5-year compound annual growth rate (CAGR), further reinforce this upward trend. For psychiatry, the CAGR of 1.17% predicts a steady increase in cases, with estimates growing from 1,930 in 2024 to 1,999 by 2027. Substance abuse services, with a CAGR of 2.79%, are projected to rise from 994 cases in 2024 to 1,079 by 2027.

Specific psychiatric diagnoses will see varied growth patterns. For example, cases of acute adjustment reactions and psychosocial dysfunction (MS-DRG 880) are expected to grow by **24.8% over five years**, from 50 cases in 2023 to 62 by 2028, and by **47.8%** over ten years, reaching 74 cases by 2033. Other psychiatric diagnoses such as neurotic disorders, excluding depressive neurotic disorders (MS-DRG 882), are also expected to rise significantly, with a 19.7% increase in five years and 43.1% over a decade.

In the area of substance abuse, cases of drug or alcohol dependence without rehabilitation therapy but with major complications or comorbidities (MS-DRG 896) are forecast to grow by **43.2% over five years** and by a remarkable 73.0% over the next decade. Similarly, poisoning and toxic effects of drugs with major complications (MS-DRG 917) will see a significant 28.4% rise over five years and a **53.9% increase by 2033**.

Table: Hospital Beds in Brazoria County[25]

Hospital Name	Hospital Type	Acute Beds	Psychiatric Beds
CHI St. Luke's Health - Brazosport	Other NFP	154	0
Encompass Health Rehabilitation Hospital of Pearland	Corporation	60	0
HCA Houston Healthcare Pearland	Partnership	53	0
Sweeny Community Hospital	Hosp District	20	0
**This information was retrieved from The County Information Program, Texas Association Counties. Last updated July 16, 2024			

Yet, despite the rapid increase in need, Brazoria County currently faces significant gaps in inpatient behavioral health services, particularly in the availability of psychiatric beds. **As of now, there are zero psychiatric inpatient beds available within the county**, underscoring a severe lack of resources for individuals experiencing acute mental health crises.

Hospitals Serving Brazoria County

St. Luke's Health: St. Luke's Health Brazosport Hospital, located in Lake Jackson, Texas, is a 154-bed facility with a Level III trauma center, advanced cardiac care, and a multidisciplinary cancer center. The hospital has over 100 board-certified physicians and nearly 600 skilled employees. The 2021 needs assessment[26] revealed a significant shortage of mental health providers and counselors, and although some progress has been made, the resources remain insufficient to meet the growing demand for behavioral health services in the community.

[25] https://txcip.org/tac/census/hospitals.php?FIPS=48039
[26] https://www.stlukeshealth.org/content/dam/stlukeshealth/pdfs/St.-Luke%27s-Brazosport-Assesment-2021.pdf

HCA Houston Pearland: HCA Houston Pearland is a 49-bed acute care hospital featuring a Level IV Trauma Center, an accredited Chest Pain Center with Primary PCI, and a certified Primary Stroke Center. As part of a larger system with 13 hospitals and over 15,000 medical professionals, Pearland's emergency department sees a large number of mental health cases. Leadership highlighted that mental health affects all areas of care, with walk-ins often requiring outpatient services, while more critical cases, such as homicidal or suicidal patients, undergo telehealth evaluations before being transferred for further care. Behavioral health issues were also identified as the leading cause of workplace violence among staff.

Encompass Health: Encompass Health operates a 60-bed inpatient rehabilitation hospital specializing in neurological, orthopedic, spinal cord, and stroke rehabilitation. While the facility is Joint Commission accredited, it does not have a local needs assessment or community health report. Its role in community health is limited, as it primarily focuses on rehabilitation services. The broader impact report available for Encompass Health was too general to provide meaningful insights for the local population.

Sweeny Community Hospital: Sweeny Community Hospital, a critical access facility that opened in 1965, offers 11 acute inpatient beds and swing bed services. The hospital also provides various outpatient services, including physical therapy, diabetes management, wound care, and IV therapy. Despite the wide range of services, the hospital does not have a formal needs assessment report. Like Encompass Health, its impact on addressing broader community health needs is relatively minimal.

Memorial Hermann Pearland Hospital: Memorial Hermann Pearland is a 64-bed facility, part of the larger Memorial Hermann system, which includes over 6,600 affiliated physicians and 17 hospitals across Greater Houston. The hospital, which opened in 2016, plans to expand to 128 beds in the next five years. Although Memorial Hermann's 2023 Community Benefits Plan included mental health crisis clinics, none are located in Brazoria County. These clinics serve as a safety net for crisis intervention, but there remains a lack of continuous outpatient mental health services in the local area.

Two of the main barriers to accessing mental health services in Brazoria County are the persistent stigma surrounding mental health issues and limited access to care. Despite these challenges, recent efforts to train law enforcement officers to recognize and address mental health crises have shown positive results. Crisis intervention and stabilization services are available, along with referrals for long-term mental health care, however, the capacity for inpatient treatment remains critically low.

The data paints a clear picture: without significant investment in inpatient mental health infrastructure and provider recruitment, the county will continue to struggle to meet the needs of its residents.

Nursing Facilities

Brazoria County is home to several nursing facilities, with most located around Pearland and the Clute/Lake Jackson area. One prominent provider is **Cantex Continuing Care**, which has been in business since 1978. Cantex offers post-acute services through a network of skilled nursing facilities, home health agencies, and hospices across central and eastern Texas. In Brazoria County, Cantex operates facilities in **Pearland** and **Alvin**.

Currently, Cantex facilities do not admit patients with mental health diagnoses, as they lack the staff and training to handle such cases. However, Cantex experts have indicated that with the right partnership and triage support, they could potentially care for patients with co-diagnoses, such as **bipolar disorder and Alzheimer's disease**, provided the patient is not in a mental health crisis.

Despite these services, **resources for seniors in Brazoria County** remain limited, particularly for mental health care. Mental health is often a taboo subject among seniors, who may keep their struggles private until it's too late. As a result, Brazoria County has one of the **highest rates of senior suicide**, highlighting the urgent need for improved mental health resources and support for this vulnerable population, as noted in a recent Brazosport needs assessment.

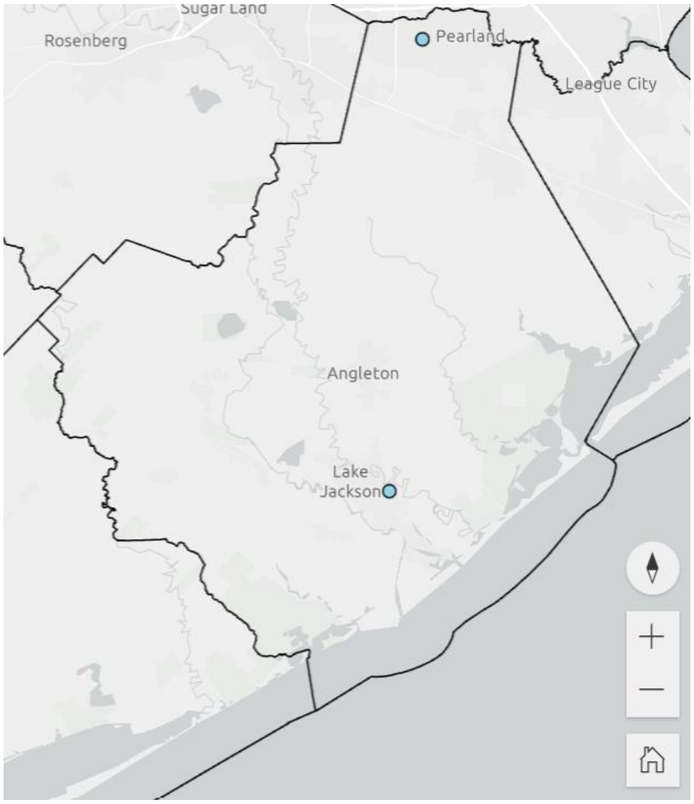
Drug and Alcohol Treatment Facilities

Opioid treatment programs (OTPs) are among the most effective approaches for addressing opioid use disorder (OUD). These programs significantly improve patient retention by offering tailored medication-assisted treatment (MAT) using methadone, buprenorphine, or naltrexone. In the United States context, they boast retention rates of up to 74% over six months, as supported by numerous studies. Keeping patients engaged in treatment reduces the likelihood of fatal overdoses, which is critical given that Brazoria County is facing 45 deaths a year from opioids OTPs offer a long-term solution that not only saves lives but also reduces the economic impact of OUD. The cost of opioid addiction to the U.S. economy exceeds $1 trillion annually, and OTPs help mitigate these costs in Brazoria County specifically by lowering healthcare expenses, reducing emergency room visits, and decreasing the societal burden of untreated addiction.

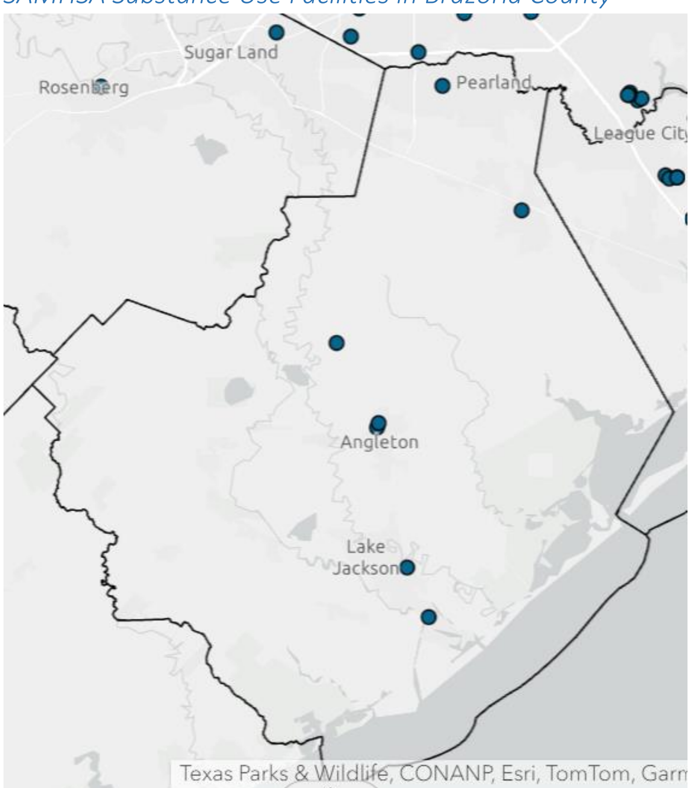
Current evidence-based practices for treating alcohol addiction focus on a combination of behavioral therapies, medications, and support systems, tailored to the needs of the individual. Cognitive Behavioral Therapy (CBT) is commonly used to help individuals identify and change thought patterns that lead to alcohol use, while Motivational Enhancement Therapy (MET) increases a person’s motivation to change their drinking behavior by focusing on the benefits of recovery. Contingency management also plays a role by reinforcing positive behaviors, such as abstaining from alcohol, with rewards. Medications are another essential component of treatment. Naltrexone reduces alcohol cravings and blocks the brain's opioid receptors to diminish the pleasurable effects of drinking. Acamprosate helps restore brain chemistry disrupted by alcohol use, supporting long-term abstinence, while Disulfiram acts as a deterrent by causing unpleasant reactions when alcohol is consumed. For individuals who have relapsed or struggle with cravings, Medication-Assisted Treatment (MAT), which combines medications with behavioral therapies, has shown to be highly effective. Support systems, including peer groups, family therapy, and integrated treatment for co-occurring mental health disorders, further enhance the recovery process. Digital tools, such as telehealth and online counseling platforms, are also increasingly used to make these therapies more accessible and support long-term success. By combining these various approaches, individuals are more likely to achieve and maintain sobriety.

Unfortunately, there are currently only seven SAMHSA accredited Substance Use Facilities, three SAMHSA accredited Mental Health Facilities, and two OTPs in Brazoria County, underscoring the difficulties of receiving care. Legislative action to both fund these facilities and streamline the regulatory process would improve access to care.

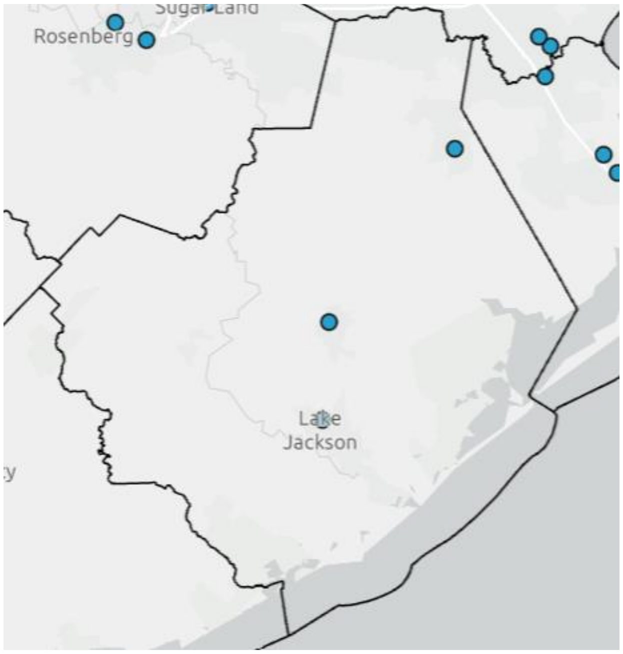
Opioid Treatment Programs (OTPs) in Brazoria County



SAMHSA Substance Use Facilities in Brazoria County



SAMHSA Mental Health Facilities in Brazoria County



Mental Health and Substance Use in Educational Institutions

Brazoria County is home to eight independent school districts (ISDs). The largest is **Alvin ISD**, serving 28,085 students, followed by **Pearland ISD** with 21,007 students. The other districts include **Brazosport ISD** (11,478 students), **Angleton ISD** (6,763 students), **Columbia-Brazoria ISD** (2,919 students), **Sweeny ISD** (1,853 students), **Danbury ISD** (774 students), and **Damon ISD** (116 students).[27] Additionally, the county hosts eight private schools.

To better understand the mental health impacts on students, **Capital Link** consulted with representatives from the two largest school districts, Alvin and Pearland ISDs. Both districts have **Guidance and Counseling departments** staffed school counselors. They regularly provide resources and tools on topics such as suicide prevention, bullying, crisis response, dating abuse, and support for victims of crime.

The **Pearland School District** shared annual data on student visits to guidance counselors across its 24 schools, encompassing elementary, middle, and high schools. During the **2023/2024 academic year**, Pearland ISD's Guidance and Counseling department reported a total of:

- **299 visits** that addressed depression.
- **427 visits** were related to self-harm.
- **686 visits** involved discussions of suicidal ideation.
- **23 visits** were concerning suicide attempts.

[27] https://www.har.com/school/list/county/brazoria-county

While some inconsistencies in the data may exist—likely due to variations in how school counselors record visit reasons—the number of visits addressing self-harm and suicide attempts has consistently been around **1,200** over the past three school years. This consistent figure highlights a significant need for additional youth support services within the community.[28]

	2021-2022 SY	2022-23 SY	2023-24 SY
Visit Reasons	**No. Visits**	**No. Visits**	**No. Visits**
Depression	914	563	299
Self Harm	429	470	427
Suicidal Ideation	819	747	686
Suicide Attempt	67	111	23
Bullying/Cyber Bullying	8,239	1,990	308
Substance Abuse	3,121	69	62

In addition to the documented data outlined above, Capital Link gathered qualitative information related to mental health among school-aged youth in Brazoria County:

For many children, **school is their safe place**, where they can depend on adults who truly care for them. When students are at home and isolated, they often suffer more from mental health issues. With multiple societal issues affecting students, from drug use, bullying/cyberbullying, to depression and self-harm, it is important to have dedicated counselors who can help youth in vulnerable situations. One often overlooked area of concern is physical dating and sexual dating violence. **8.3%** of Texas high-schoolers report experiencing **physical dating violence**, and **15.4%** reported **sexual dating violence**. This area deserves special attention from both school and medical authorities, as well as law enforcement.

Dating Violence, in the Past 12 Months, 9th - 12th Grade Youth

	Physical Dating Violence	Sexual Dating Violence
Texas	8.3%	15.4%

Source: Texas Youth Risk Behavior Survey (YRBS), 2019. http://healthdata.dshs.texas.gov/dashboard/surveys-and-profiles/youth-risk-behavior-survey

The shift to **virtual schooling** has further isolated students and put them at risk. This isolation has led to an increase in suicide and suicide threats, exacerbated by a lack of inpatient beds for treatment. The situation is worse for those without insurance. Many people are forced to seek help outside the county in the Harris County system, which is already overburdened. Individuals often wait for days in emergency departments and are typically discharged quickly with a prescription they may not be able to afford. Even when admitted, stays are usually limited to up to three days before they are released back into the community.

Law enforcement officers believe that mental health incidents are on the rise due to drug use and cultural shifts influenced by social media, which has helped remove the stigma around mental health. Younger generations are not afraid to admit they are struggling and to seek help. However, social media can also be a triggering factor among the younger population.

[28] Pearland ISD 2023-24 School Year Guidance Visit Data

The Impact of Mental Health and Substance Use Cases on Brazoria County Emergency Services/First Responders

Brazoria County Emergency Services comprise **Emergency Medical Services (EMS)**, **Fire Departments (FD)**, **Police Departments (PD)**, **Emergency Management**, and **911 services**. Both the FD and PD provide services at the county and local levels. The **Marshal's Office** (FD) and the **Sheriff's Office** (PD) offer higher-level support across the county, while local services include city fire departments in Pearland, Lake Jackson, Angleton, and Freeport, as well as small city or community fire departments.

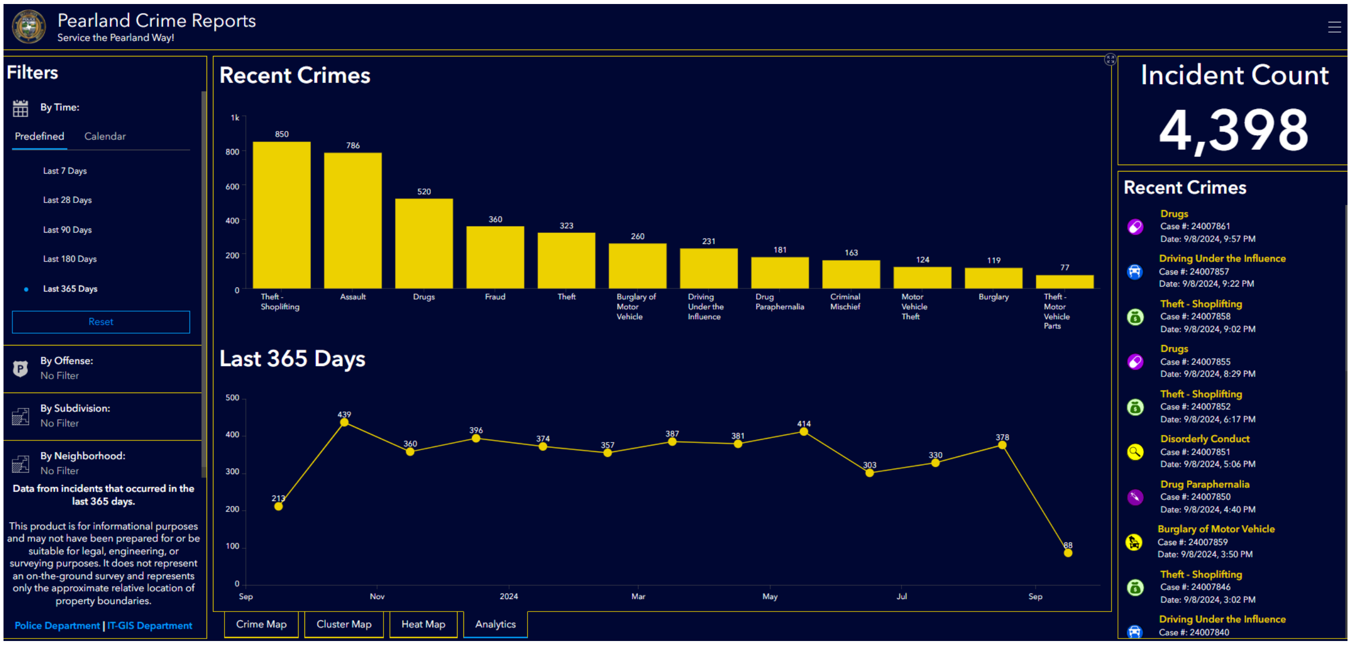
The **Brazoria County Office of Emergency Management** coordinates disaster preparedness, response, and recovery, handling all major incidents and emergencies. **Brazoria County 911** manages emergency calls and dispatches the appropriate emergency services. EMS services operate at both the county level and through local ambulance services.

Police Departments

Police departments across Brazoria County play a crucial role in responding to mental health-related incidents and connecting individuals to treatment when necessary, such as transporting them to hospitals or mental health facilities. The Pearland Police Department offers various mental health training programs, including a mental health officer proficiency certificate, which are available to officers statewide at no cost. These courses equip officers with the skills to handle individuals in crisis or experiencing mental health distress. Additionally, the former Pearland Police Chief mandated that all officers complete mental health response training, an innovative program that has received an enthusiastic reception from both officers and the community.

Like many police departments, officers in Brazoria County frequently deal with drug-related incidents. Over the past 365 days—from September 2023 to September 2024—in Pearland, crimes related to drugs were the third highest category, totaling 520 incidents. This was behind theft/shoplifting, which had 850 incidents, and assault, which had 786 incidents.

Graph: Crime Incidents in Pearland, September 2023-September 2024



One of the main challenges police officers face in Brazoria County is the lack of access to adequate mental health care. A representative from the Pearland Police Department noted that when a person is in crisis, officers typically take them to local hospitals. However, **due to a shortage of available beds, officers often have to travel long distances** to find an open facility. Additionally, because Pearland is located on city lines, officers from neighboring areas sometimes use Pearland hospitals for mental health drop-offs. In some cases, individuals are released almost immediately—officers have reported seeing the same person walk out of the hospital while they are still in their cruisers completing paperwork.

The bed shortage is particularly challenging for uninsured individuals. While there are private facilities in the county that can treat patients in mental health crises, they often do not accept uninsured or Medicaid patients. Although officers typically avoid getting involved in a person's insurance details, the issue arises when they are called to a scene and the individual needs care but hasn't committed a crime (and therefore doesn't qualify for a detention order). In these situations, officers can spend hours assisting families in finding care.

"Sometimes calls can take hours because people need to come down out of psychosis - not like regular 911 calls for service".

Another challenge officers face is properly classifying 911 calls and incidents. Since first responders are not equipped to diagnose whether a person is under the influence, experiencing a mental health episode, or facing another issue, they often rely on bystanders to provide context. Typically, these scenarios are recorded as "welfare concerns" and are not categorized as mental health issues unless an officer revisits the record to update the notes. Additionally, many 911 "hang-up" calls are related to mental health concerns.

According to anecdotal evidence from the Pearland Police Department's Wellness Coordinator, approximately 1 in 10 calls involve mental health incidents, and of those, 1 in 3 results in the person being transported to a mental health facility. Officers believe mental health-related incidents are increasing, partly due to drug use and changing social attitudes, which have reduced the stigma around mental health. Younger generations, in particular, are more open about seeking help when they are struggling. However, social media can also act as a triggering factor, especially among younger people.

The officer Capital Link spoke with emphasized the need for both short-term hospital beds and a larger facility dedicated to long-term mental health care. While hospitals are helpful, they are not specifically designed to function as psychiatric facilities.

Emergency Medical Services

Mental health-related emergencies are placing a significant strain on EMS services in Brazoria County. Recent data indicates that over a specified period, there were **664 EMS calls** related to mental health issues for the city of **Pearland alone, not including the rest of Brazoria County.**

Table: EMT Calls Related to Mental Health in Pearland, Jan 2022 through Dec 2023

Labels	Count of Primary Impression
Anxiety reaction/Emotional upset	181
Behavioral/psychiatric episode	124
Depression	14
General psychiatric exam, requested by authority	6
Mental disorder	15
Other personality disorder	1
Suicidal Ideation	10
Suicide attempt	26
Unspecified behavioral syndromes associated with physiological disturbances and physical factors	287
Grand Total	**664**

These numbers highlight a growing demand for mental health crisis intervention. **EMS personnel often find themselves with limited options**, as there are insufficient facilities or resources to adequately address mental health emergencies. Consequently, individuals in crisis may not receive the specialized care they need, leading to repeated calls for assistance.

In Brazoria County, addressing behavioral health crises through EMS services presents several challenges, particularly due to the current payment structure, which requires EMS to transport patients to the emergency room to receive compensation.

According to local experts, when EMS responds to a call involving a patient with potential behavioral health needs, one of three scenarios typically occurs:

1. **Cooperative Patient**: A call to 911 is made, the patient is cooperative and agrees to treatment. They are transported to the ER, where they are ideally connected to psychiatric or behavioral health services.
2. **Uncooperative Patient in Crisis**: A call to 911 is made but, the patient is not cooperative and is experiencing a behavioral health crisis. In these cases, the police are called, and officers trained in

Emergency Detention Orders (EDO) can detain the patient and take them to the ER for a **72-hour hold**. However, there are no inpatient psychiatric beds available in Brazoria County, and transferring patients to appropriate facilities is a significant challenge.

3. **Uncooperative Patient Not Qualifying for EDO**: A call to 911 is made, the patient is uncooperative but does not qualify for an EDO. This is the most difficult situation to manage, as there are limited resources available, such as an on-call physician. Unfortunately, these patients may not receive the care they need.

As previously shown, these mental health-related incidents are **expected to continue increasing**, further burdening EMS services. While the county has initiated programs to assist with this challenge, such as training all PD officers on EDO, it is necessary to further expand this training to cover topics such as trauma-informed informed de-escalation training. The rising trend underscores an urgent need for enhanced mental health infrastructure and support services in Brazoria County. Investing in specialized care facilities and trained mental health professionals could alleviate pressure on emergency services and provide more effective support for individuals experiencing mental health crises.

This situation not only **consumes valuable EMS resources** but also extends to police and hospital services, diverting them from other critical emergencies. The repetitive nature of these calls without proper resolution exacerbates the strain on the entire emergency response system.

Experts emphasize the importance of securing **long-term funding** to address these issues, cautioning against over-reliance on EMS services. Many of these cases could be more effectively managed in other healthcare settings, reducing the strain on emergency responders.

Other Mental Health Partner Agencies/Resources

In addition to the mental health services previously mentioned, Brazoria County offers several other support agencies and resources:

- **Youth & Family Counseling Services (YFCS)**: A counseling agency that employs therapists, social workers, and case managers focused on preventing child abuse, neglect, and delinquency across Brazoria, Wharton, and Matagorda Counties. YFCS partners with Pearland ISD to provide in-person therapy for students.
- **Texas Child Health Access Through Telemedicine (TCHATT)**: Provides telemedicine programs to school districts, offering free therapy for up to five sessions and annual training for Pearland ISD counselors to refer students through an online portal.
- **Bay Area Council on Drugs and Alcohol (BACODA)**: A non-profit that provides education, prevention, intervention, and recovery services for substance use disorders in Brazoria and surrounding counties.
- **Gulf Coast Center**: Operates 11 sites offering mental and behavioral health services, including a 24-hour crisis hotline, psychotropic medication, group therapy, and dual diagnosis treatment. The center serves a wide range of patients, including seniors, adults, young adults, and those referred from the judicial system. It also provides housing services, chronic illness management, and telemedicine.
- **Counseling Connections for Change**: A faith-based non-profit offering remote services with licensed therapists and a sliding scale payment option. The organization is working on a facility rehabilitation project in Pearland. The organization offers telehealth options, serves a diverse range of clients and has a program to supervisor clinical interns. Addressing the shortage of mental health professionals in the community is a key area of focus.
- **Community Health Network Callaway Center**: A Federally Qualified Health Center providing telemedicine, outpatient treatment, and dual diagnosis disorder treatment. The center supports a diverse range of clients, including military families, LGBT individuals, and court-referred patients.
- **Shiloh Treatment Center**: A mental health facility offering residential treatment, partial hospitalization, behavior modification, and group therapy for children and adolescents. Shiloh specializes in treating PTSD, traumatic brain injury, and serious emotional disturbances.
- **Sweeny Community Hospital Senior Horizons/Counseling Associates**: A mental health clinic providing outpatient, telehealth, and partial hospitalization services. It offers individual and group therapy, with a focus on seniors, adolescents, and young adults.
- **Institutions Recovery & Wellness Center**: An outpatient clinic that specializes in helping individuals, couples, and families with complex issues like substance use and disordered eating.

These organizations play a key role in addressing the diverse mental health needs of Brazoria County residents.

Addressing the Behavioral Health Crisis: Strategic Solutions and Key Recommendations

This analysis has explored how behavioral health needs in both Texas and the nationally are escalating at an unprecedented rate, with projections indicating a significant increase over the next decade. Brazoria County, Texas, is particularly vulnerable due to its lack of psychiatric beds and limited mental health resources**. The pressing need for an inpatient crisis center is evident but addressing the behavioral health crisis requires a comprehensive approach that includes community-based interventions.** This analysis explores the current state of behavioral health needs in Brazoria County, examines expert recommendations on psychiatric bed requirements, and discusses both inpatient and community-based solutions to mitigate the rising behavioral health challenges.

Key Finding: The Need for an Inpatient Psychiatric Crisis Center in Brazoria County

Brazoria County faces a critical shortage of psychiatric beds, a situation that hampers the ability to provide adequate care for individuals experiencing mental health crises. According to the Treatment Advocacy Center (TAC), an organization founded in 1998 by Dr. E. Fuller Torrey with support from the Stanley Family Foundation, the **minimum recommended number of psychiatric beds is 30 per 100,000 population**, with an **optimal number being 60 per 100,000**. For Brazoria County's 2023 population, this translates to a need for **115 to 231 psychiatric bed**s. Currently, the county falls significantly short of this benchmark, exacerbating the strain on existing healthcare facilities and leaving many individuals without the necessary care.

An international panel of 65 mental health experts has also emphasized the critical shortage of psychiatric beds globally. Their consensus aligns with TAC's recommendations, underscoring that a minimum of 30 beds per 100,000 population is essential to maintain community health, with 60 beds per 100,000 being optimal. In Brazoria County, with a population nearing 400,000, this requires a minimum of 120 beds with an optimal number of 240. This is clearly an ideal, however, and actual numbers will depend on resource allocation.

Expert Recommendations and National Trends

The American Hospital Association (AHA), a national organization representing hospitals and healthcare networks, conducted interviews between December 2019 and January 2020 with senior healthcare and community leaders across the United States. All participants reported facing significant challenges in meeting the behavioral health needs in their regions. The AHA's findings indicate a nationwide struggle to provide adequate mental health services, reinforcing the necessity for both inpatient facilities and community-based interventions.

Since 2017, 37 behavioral health hospitals have been added across the country, and from 2020 to 2021, there was notable growth in behavioral health consultation services in acute inpatient care, emergency services, extended care, and primary care sectors. Despite these additions, many regions, including Brazoria County, continue to face shortages in mental health resources.

In early 2024, Becker's Hospital Review named 36 hospitals and health systems with exemplary psychiatry and mental health programs. Notably, five of these institutions are located in Texas, accounting for 14% of the list:

4. **Baylor Scott and White Health (Dallas)**: Offers outpatient services, including individual, group, couples, family, cognitive therapy, and telepsychiatry, as well as inpatient treatment.

5. **Christus Health (Irving)**: Provides several behavioral and mental health programs catering to children and adolescents, inpatient services for adults, and a geriatric program addressing issues related to aging, grief, loss, and life transitions.
6. **Covenant Children's Hospital (Lubbock)**: Opened a pediatric relational health center in 2023 for outpatient, intensive outpatient, and partial hospitalization programs for children and adolescents.
7. **Medical City Healthcare, North Texas Division of HCA Healthcare (Dallas)**: Employs approximately 630 psychiatric professionals, operates a 124-bed inpatient psychiatric facility, offers outpatient services and intensive care programs, and is scheduled to open a $50 million mental health and wellness center in 2024.
8. **Texas Children's Hospital (Houston)**: Focuses on early intervention to address behavioral health issues, aiming to avoid inpatient visits through intensive outpatient services and a mobile behavioral health unit.

According to Gordian's RSMeans Online Building Models, new hospital construction costs have increased by 15% since 2019. The table below outlines the cost per square foot for a 3-story general hospital building.[29]

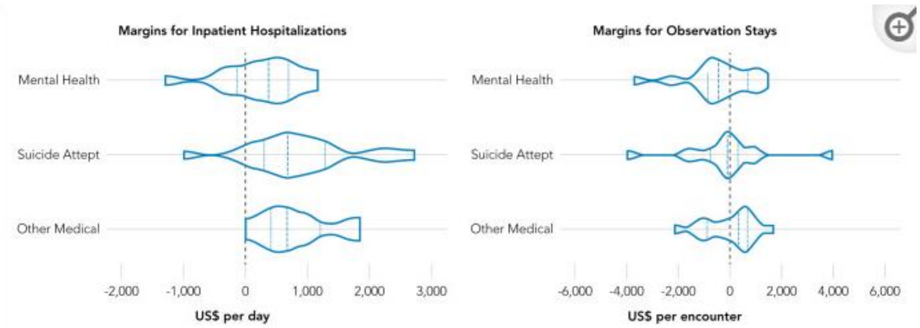
Location	2019	2020	2021	2022	2023
National Average	$362.69	$371.48	$382.12	$400.11	$419.18
New York, NY	$484.88	$494.19	$506.94	$523.11	$540.45
Chicago, IL	$436.50	$444.21	$456.40	$474.03	$494.76
Boston, MA	$414.67	$427.46	$433.44	$454.36	$479.38
Los Angeles, CA	$409.55	$419.04	$430.83	$452.05	$475.20
Ann Arbor, MI	$362.97	$369.02	$382.83	$396.83	$409.43
Omaha, NE	$330.20	$340.43	$352.74	$363.59	$383.59
Denver, CO	$323.44	$333.80	$345.51	$362.23	$378.97
Atlanta, GA	$322.76	$329.05	$342.71	$359.46	$375.52
Phoenix, AR	$320.55	$327.81	$332.73	$351.97	$373.71
Houston, TX	$312.00	$320.44	$329.72	$341.67	$357.30

Please note: Square foot models are used for planning and budgeting and are not meant for detailed estimates.

A 2020 study[30] examined the costs and reimbursements for mental health hospitalizations across 17 children's hospitals. The researchers found that financial margins were lower for mental health cases, including suicide attempts, resulting in a combined loss of over $26 million. Additionally, the study revealed that hospitals saw

[29] https://www.bdcnetwork.com/healthcare-construction-costs-2023
[30] Herndon AC, Williams D, Hall M, Gay JC, Browning W, Kreth H, Plemmons G, Morgan K, Neeley M, Ngo ML, Clewner-Newman L, Dalton E, Griffith H, Crook T, Doupnik SK. Costs and Reimbursements for Mental Health Hospitalizations at Children's Hospitals. J Hosp Med. 2020 Dec;15(12):727-730. doi: 10.12788/jhm.3411. PMID: 32496188; PMCID: PMC8034672. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8034672/

better margins for inpatient stays compared to observation status, largely due to health insurance reimbursement practices.



Tackling Brazoria County's Mental Health Crisis: Bold Solutions for a Growing Problem

Brazoria County is experiencing increasing behavioral health challenges, requiring a strong and efficient response to protect the community and address these concerns. This section presents key strategies and recommendations aimed at safeguarding families while ensuring responsible use of taxpayer dollars.

1. Build an Inpatient Crisis Center – Invest in Practical Solutions

A centralized inpatient crisis center in Brazoria County would provide essential care for severe mental health emergencies. With an undersupply of psychiatric beds—experts recommend **115 to 231 beds** for the county—there's a pressing need for balanced resource allocation between medical and behavioral health services. Addressing mental health now will help prevent long-term, costly issues.

2. Expand Outpatient Services and Strengthen Local Clinics – Provide Efficient, Community-Based Care

Strengthening outpatient programs allows people to receive treatment locally, avoiding the high costs of hospitalization. Clinics like Stephen F. Austin Health Center, Fort Bend Family Health Center, and Gulf Coast Center are key resources but need additional support to meet rising demand. Better coordination between inpatient and outpatient care will reduce readmissions and lower costs. Hiring local workers, such as Community Health Workers (CHWs) and Registered Nurses (RNs), can create jobs and keep care within the community.

3. Enhance School-Based Mental Health Programs

Record levels of anxiety and depression among children are leading to troubling consequences, including 1,200 annual school visits for suicide and self-harm. **Expanding school-based mental health services** can identify issues early, improve student outcomes, and reduce long-term healthcare costs.

4. Increase Community Awareness

Many people are unaware of how to recognize mental health challenges. Programs like Mental Health First Aid can empower individuals to identify and address mental health and substance use issues early, reducing stigma and reliance on emergency care.

5. Develop a Mobile Crisis Response Program – Relieve Law Enforcement

A mobile crisis response team composed of trained mental health professionals can handle non-criminal emergencies, allowing law enforcement to focus on public safety. Such a program could integrate with local FQHCs, Gulf Coast Center, or Kelsey-Seybold's Mobile Health Program to provide timely, appropriate care for individuals in crisis.

6. Boost Substance Use Disorder (SUD) Services – Address Addiction

With only two Opioid Treatment Programs (OTPs) in Brazoria County, the growing opioid crisis and increasing alcohol use require expanded SUD services. Enhancing these programs will reduce strain on emergency services and prevent addiction from causing further harm to the community.

7. Leverage Technology – Modernize Mental Health Care

Innovative technologies, such as AI tools and coordinated care systems, can extend the reach of mental health services and maximize efficiency. Investing in technology will improve care delivery while lowering costs.

Conclusion

Brazoria County is facing a growing mental health crisis that demands immediate, decisive action. By establishing an inpatient crisis center and expanding community-based, cost-effective solutions—including outpatient care, school programs, mobile crisis teams, and technology—Brazoria County can protect its residents, save taxpayer dollars, and ensure families receive the support they need.

PEARLAND CHAMBER OF COMMERCE

A Crisis in Brazoria County:
Mental Health and Substance Use

THE PROBLEM

In Brazoria County, Texas, mental health and substance use disorder (SUD) needs have grown rapidly in recent years, impacting all aspects of community health and safety.

THE NUMBERS

MENTAL HEALTH DECLINE:

Poor mental health days jumped **80%** since 2016

FINANCIAL BURDEN:

Medical care costs in Texas are **216%** higher for patients with mental health conditions

OPIOID OVERDOSES:

The county's overdose rate rose **90%** since 2019

LACK OF INPATIENT PSYCHIATRIC BEDS:

0 beds available for patients in acute psychiatric crisis

IMPACT ON SYSTEMS

- **Overburdened first responders** dealing with mental health and substance use cases, taking time from other emergencies.
- **Schools struggling** with an unprecedented number of self-harm cases, averaging 1,200 visits to school counselors per year.

Prepared for Pearland Chamber of Commerce by: CAPITAL LINK

Actionable Solutions
for Brazoria County

1 BUILD AN INPATIENT CRISIS CENTER

A **mental health crisis center** with inpatient beds is essential to handle growing demand locally and reduce strain on police and hospitals.

2 EXPAND TREATMENT PROGRAMS

Increase access to **opioid and alcohol treatment services**, including more **Medication-Assisted Treatment (MAT)** and **Opioid Treatment Programs (OTPs)**.

3 CREATE A MENTAL HEALTH CRISIS UNIT

Establish a specialized **mental health response team** to handle emergencies, freeing up police and EMS for other critical situations.

4 STRENGTHEN COMMUNITY-BASED SERVICES

Expand **school and community mental health programs** to catch problems early, keeping residents out of hospitals and reducing long-term costs.

5 SECURE FUNDING AND IMPROVE REIMBURSEMENT RATES

Expanded **funding and improved reimbursement rates** can reduce the economic and social burden.

CONCLUSION

With mental health and substance use challenges affecting individuals and families across Brazoria County, these actionable solutions can help **save lives, reduce taxpayer costs, and ensure a safer future for the community**.

PEARLAND CHAMBER
NATIONAL CHAMBER OF THE YEAR

MANVEL
CITY COUNCIL
DATA SHEET

MEETING DATE: November 4, 2024

TOPIC: This is a request pertaining to the property located at 7203 Russell St (PID 227593) and zoned Light Commercial District /State Highway 6 Overlay District (LC/SH6), to allow an exception to Chapter 35, Section 35-22. *Prohibited sales*, which prohibits the sale of alcoholic beverages within 300 feet of a public school.

BACKGROUND: The subject site at 7203 Russell St (PID 227593) is situated on the northern side of Morris Avenue (State Highway 6). It is an approximate 2.2-acre city block, bordered by SH 6, Russell Street, Large Avenue, and School Road. This property is mostly undeveloped and zoned Light Commercial District / State Highway 6 Overlay District (LC/SH6). An approximate 0.344-acre portion at the northwest corner of the subject site was rezoned to Light Commercial District /State Highway 6 Overlay District with a Specific Use Permit (LC/SH6-SUP) in 2016, to allow NAICS use 441221 – *Motorcycle, ATV and Personal Watercraft Dealers,* and NAICS use 811490 – *Other Personal and Household Goods Repairs and Maintenance* (Ordinance No. 2016-O-16). E.C. Mason Elementary School is in close proximity to the subject site on the northwest across from Large Avenue.

The applicant, Paul Grohman, is representing JBB&D Family Limited Partnership, which currently operates the Big Horn BBQ restaurant and convenience store located on the west side of the subject site. The applicant intends to purchase and develop the subject site as a full-service restaurant with sale of alcohol with on-premises consumption. According to Section 35-22 of the Code of Ordinances (the "Code"), *"no alcoholic beverages may be sold within 300 feet of a church, public school or private school, or public hospital"* (measured property line to property line). However, Sec. 35-24 of the Code authorizes the city council to reduce the 300-foot distance requirement *"if it determines that enforcement of the distance requirements in a particular instance is not in the best interest of the public, constitutes waste or inefficient use of land or other resources, creates an undue hardship on an applicant for a permit, does not serve its intended purpose, is not effective or necessary, or for any other reason the council, after consideration of the health, safety, and welfare of the public and the equities of the situation, determine is in the best interest of the city."* Therefore, the applicant is requesting this Exception.

Note: When the SUP for the school was granted in 2019, the Big Horn BBQ restaurant and convenience store were already operating nearby.

STAFF REVIEW: Staff recently met the applicant and owner to discuss the proposed project. The proposed site plan (attached as exhibits) details an 11,750-square-foot restaurant building, including driveway access points from School Road and Russell Street, a parking lot, and a drainage pond on the northern part of the subject site to support the development. As reflected in the proposed site plan, the applicant is proposing to abandon the Russell Street right-of-way. Staff informed the applicant that any ROW abandonment would need to be completed prior to plat approval. Additionally, a comprehensive review of site and building construction plans will be conducted during the platting and permitting stages.

Staff reviewed the exception request and found the proposed use is not expected to have any negative impact in terms of its distance to the nearby school, based on the following considerations:

- **Current Commercial Presence:** The existing Big Horn BBQ restaurant and store operate close to the school without a known issues or detrimental impact, showing that similar businesses haven't impacted the area negatively.

- **Efficient Land Use:** Approving this exception will help develop the subject site with a land use compatible to the area and support the city's economic growth along the Highway 6 corridor. This aligns with the City's Comprehensive Plan goals.

- **Minimal Impact on School**: The proposed restaurant is not anticipated to disrupt school activities, as it has designated driveway access points on Russell Street and School Road, away from the school's main entrance.

- **Economic Benefit**: This proposed development will add jobs and increase local tax revenue.

- **Public Safety and Welfare**: Granting of the requested exception is not anticipated to have a negative impact on public health, safety, and general welfare. The strict application of the 300-foot rule does not offer a significant benefit, and proposed restaurant will add value to the community.

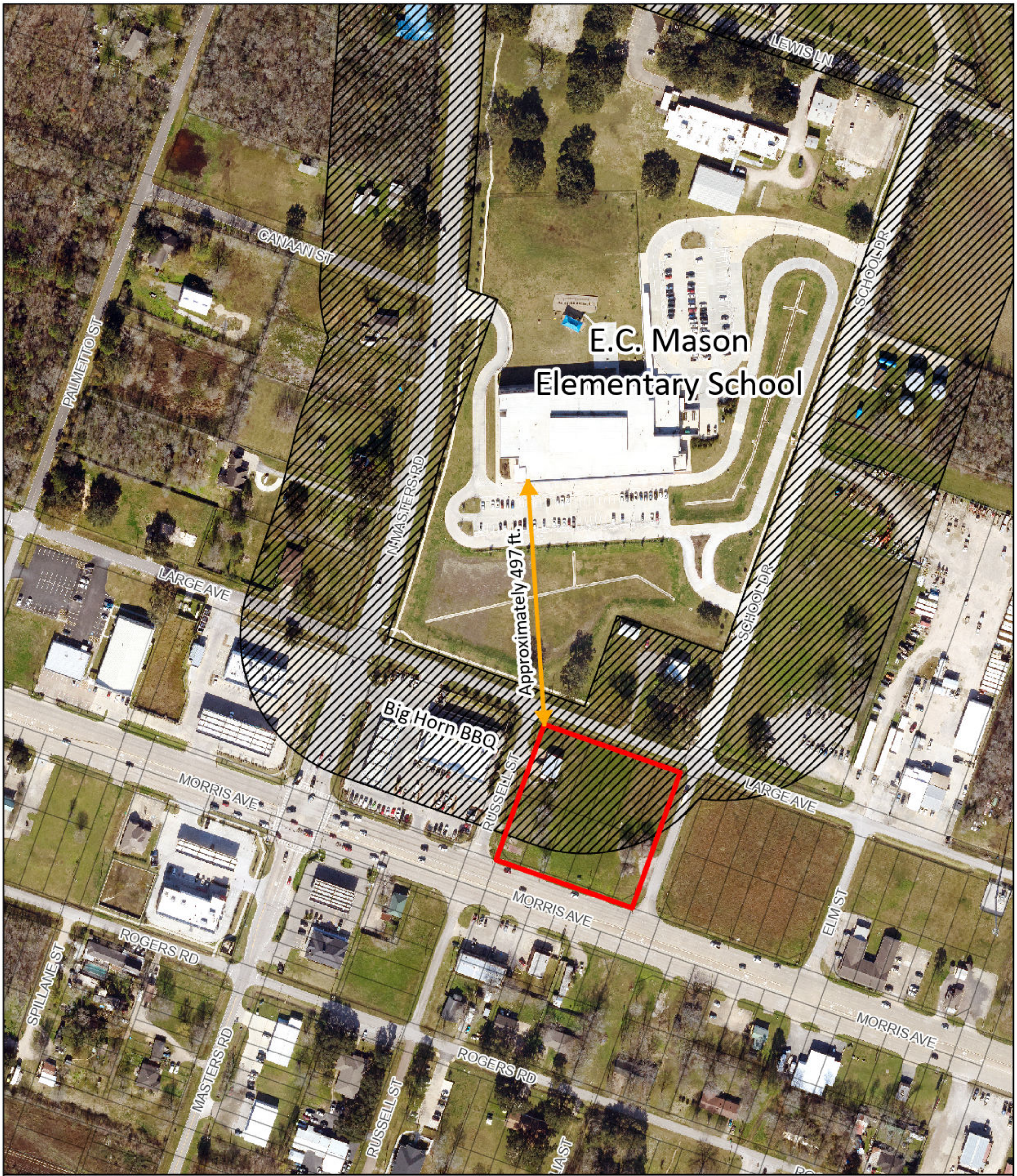
STAFF RECOMMENDATION: City staff recommends approval of the Exception to Chapter 35, Section 35-22. *Prohibited sales*, with the following one condition:

1. Exception is granted for restaurants with on-premises beer, liquor, wine, or other alcoholic beverages only with a valid Texas Alcoholic Beverage Commission (TABC) permit.

ATTACHMENTS: Vicinity Map-300 feet buffer, Request for Exception

FUNDING ISSUES
_X_ Not applicable
___ Not budgeted
___ Full amount already budgeted
___ Funds to be transferred from Acct.#

SUBMITTING STAFF MEMBER Ellie Roohbakhsh	**FINANCE DIRECTOR APPROVAL ________** **CITY MANAGER APPROVAL ________**



7303 RUSSELL ST (East of Big Horn BBQ)

City of Manvel City Limits | Parcels | 300 ft. Buffer
City of Manvel ETJ | 7303 RUSSELL ST

0 | 145 | 290 | 580 | 870 | 1,160 US Feet

N S W E

Date: October 2024
Reference: 2024070
Data Source, City of Manvel, Brazoria County Open Data

October 4, 2024
Tammy Bell
City Secretary
City of Manvel
20031 Highway 6
Manvel TX 77578
Via Email: *tbell@cityofmanvel.com*
RE: Request for Waiver of Ordinance Section 35-22

Ms. Bell:
Please accept this letter and supporting documents as application to the Manvel City Council for a variance from the minimum distance restrictions set forth in Section 35-22 of Manvel's Code of Ordinances ("Code"). This request is submitted on behalf of J B B & D Family Limited Partnership, which has contracted to purchase the property at 7203 Russell Street from the current owners, Randy Boff and Janice Seddon. The property consists of approximately 2.2 acres and is the full city block bounded by SH 6, Russell Street, Large Avenue, and School Road; and is identified by the Brazoria County Appraisal District as Property ID 227593 ("Premises") shown on Exhibit A.

The proposed use of the Premises is a full-service restaurant to be owned and operated by the same family that operates the Big Horn BBQ restaurant and convenience store adjacent to this property. Further, the applicant intends to cooperate with the City to abandon the Russell Road right-of-way and improve School Road adjacent to the Premises, expanding on the existing quality of the Big Horn site.

As shown on Exhibit A, the Premises are located on the opposite side of Large Avenue and diagonal from a parcel owned by Alvin Independent School District (AISD) where E.C. Mason Elementary School is located. The proposed restaurant will include service that requires a permit from the Texas Alcoholic Beverage Commission ("TABC").

Code Section 35-22 prohibits the sale of alcoholic beverages where the boundary lines of the property selling alcoholic beverages is within 300 feet of the boundary of a public school measuring in a direct line from property line to property line. However, Code Section 35-24 provides City Council may allow a variance to the regulation if City Council determines enforcement of the regulation in a particular instance is:

- Not in the best interest of the public,
- Constitutes waste or inefficient use of land or other resources,
- Creates an undue hardship on an applicant for a license or permit,
- Does not serve its intended purpose,
- Is not effective or necessary, or
- For any other reason Council, after consideration of the health, safety, and welfare of the public and the equities of the situation, determines is int the best interest of the community.

It is unnecessary to prohibit alcoholic beverage sales at the Premises given the proposed site plan and the true proximity to AISD's facilities. As shown on Exhibit B, the restaurant will face State Highway 6 with a new detention basin behind the restaurant and all signage and activity focused away from the AISD property. Additionally, the AISD property nearest the restaurant is occupied by an existing detention pond and a private property partially abuts the restaurant site. Finally, as shown on Exhibit B the entrance to the restaurant and the school will be separated by a distance of 700 feet.

Prohibiting alcoholic beverage sales at the Premises will place the applicant at a competitive disadvantage to similar businesses able to sell alcoholic beverages in Manvel. Other facilities along State Highway 6 have been permitted within 300 feet of a school and have operated successfully.

TABC permits are authorized in Manvel only for (i) sales of beer and wine for on and off-premises consumption and (ii) mixed beverages with a food and beverage certificate, which requires applicants to qualify for and maintain a food and beverage certificate as a condition of holding a mixed beverage permit, meaning, effectively, only restaurants are allowed to hold mixed beverage permits in Manvel. The variance will allow the applicant, who has responsibly and successfully operated Big Horn BBQ since 2017 to expand their operations into a new service establishment that will be a benefit to the community.

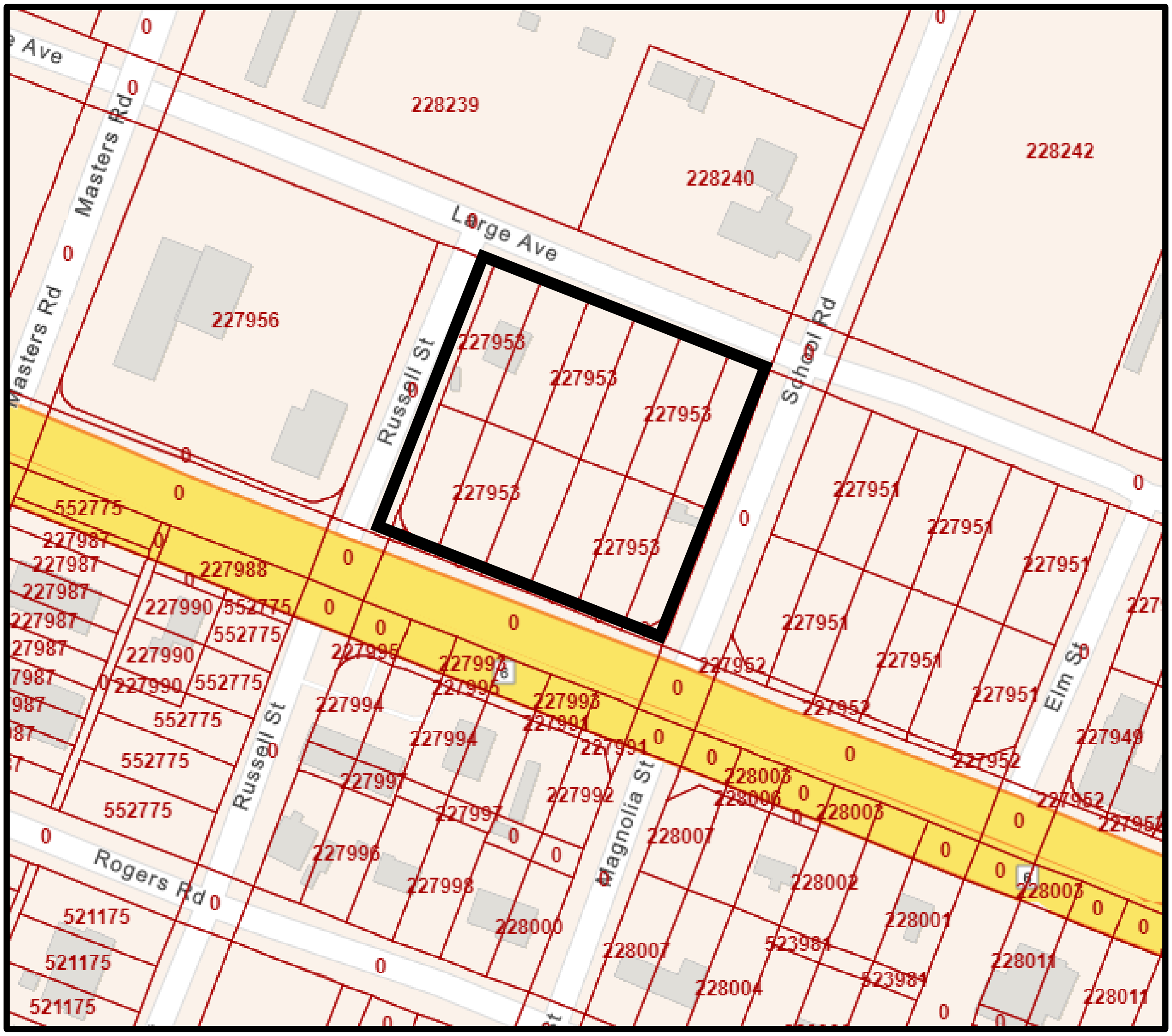
For these reasons, the applicant respectfully requests City Council grant a variance form the Code's minimum distance regulations related to the sale of alcoholic beverages near a public school. We request placement of this variance request on the next available agenda. Please contact me if you require any additional information for the application.

Sincerely,

Paul Grohman

Paul Grohman
Owner's Representative

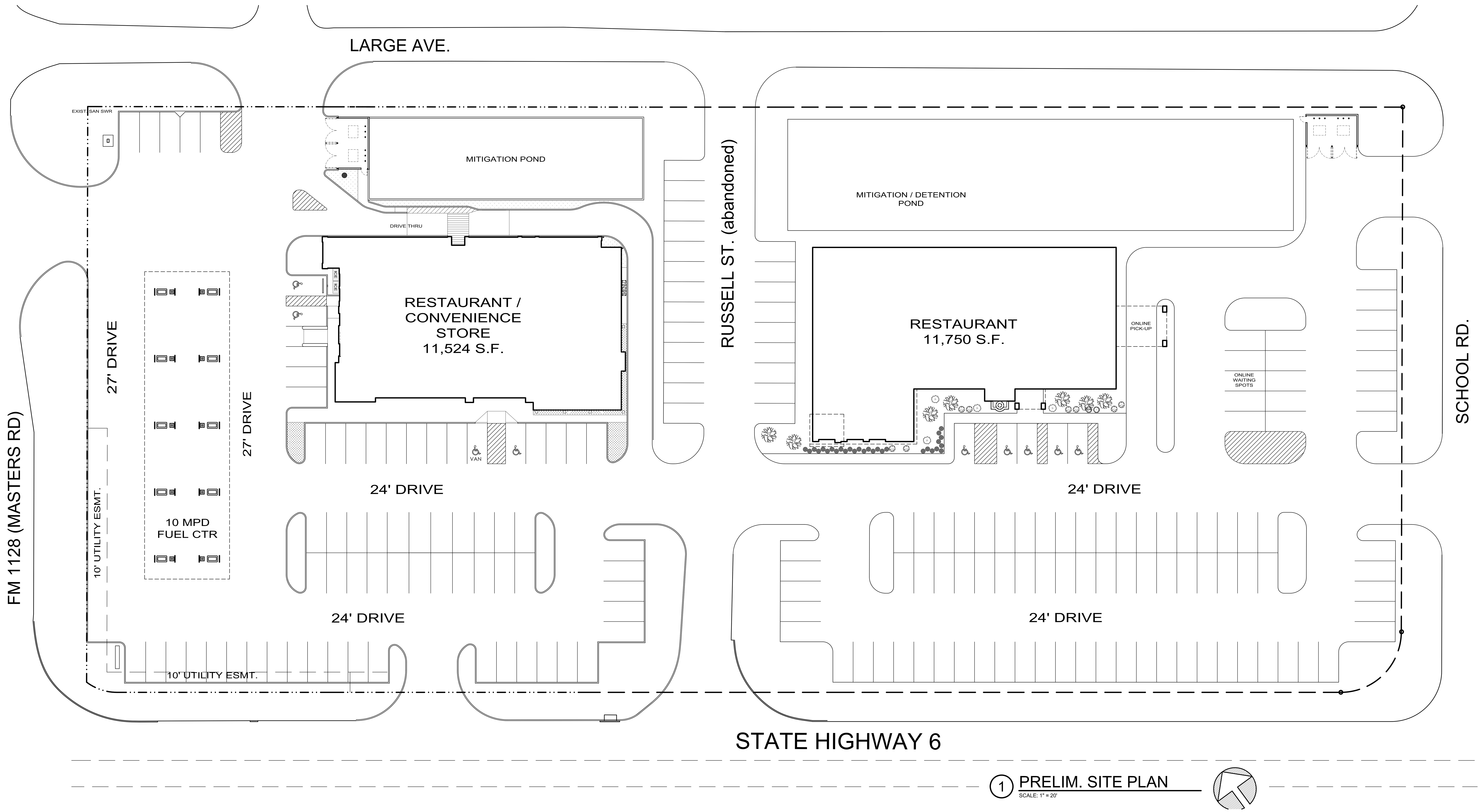
Exhibit A



Location of the Premises

Exhibit B

Proposed Restaurant Spacing to E.C. Mason Elementary School



1 PRELIM. SITE PLAN
SCALE: 1" = 20'

COMBINED DEVELOPMENT SYNOPSIS

TRACT	LAND AREA		BLDG. AREA	PARKING REQUIRED	PARKING PROVIDED	PARKING RATIO	DENSITY %
COMBINED TRACT	187,859 S.F.	4.31 AC.	23,274 S.F.	94 SPACES	188 SPACES	8.0 /1000	12.4 %

2 PRELIM. ELEVATIONS
SCALE: 1/8"=1'-0"

NOT FOR REGULATORY APPROVAL, PERMITTING, OR CONSTRUCTION. RAY A.DUERER
Date: 10/02/2024

CDA Architects
Member American Institute of Architects
20445 State Hwy 249, Suite 200
Houston, Texas 77070
832/678-9232 Fax 832/678-9240

CONCEPT SITE PLAN AND ELEVATIONS

MANVEL MEXICAN Rest.
STATE HWY. 6 AT SCHOOL RD.
MANVEL, TEXAS

SP-1

RESOLUTION NO. 2024-R-36

A RESOLUTION APPROVING THE PURCHASE OF HEB GIFT CARDS, IN THE AMOUNT OF $50.00 EACH, TO BE GIVEN TO CITY EMPLOYEES AS AN INCENTIVE FOR CONTINUED OUTSTANDING CUSTOMER SERVICE AND PERFORMANCE; AND PROVIDING THAT THIS RESOLUTION SHALL BECOME EFFECTIVE FROM AND AFTER ITS PASSAGE AND ADOPTION.

WHEREAS, the City Council of the City of Manvel deems it in the public interest to provide a holiday gift card to each full-time employee, as an incentive to continue outstanding customer service and performance;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MANVEL, TEXAS:

SECTION 1: That the City Council of the City of Manvel, Texas, hereby approves the purchase of HEB Gift Cards, in the amount of $50.00 each. That the total cost for the gift cards will not exceed $5200.00.

SECTION 2: The City Council authorizes the City Manager to give one card to each full-time city employee, as an incentive for continued outstanding customer service and performance.

SECTION 3: That this Resolution shall be in full force and effect from and after its passage and adoption.

PASSED AND ADOPTED this ____th day of November, 2024.

____
Dan Davis, Mayor
City of Manvel, Texas

ATTEST:

____
Tammy Bell
City Secretary

RESOLUTION NO
2024-R-38

A RESOLUTION OF THE MANVEL CITY COUNCIL OF THE CITY OF MANVEL APPROVING THE OFFICIAL BALLOT AND ITS CASTING VOTES FOR THE CANDIDATE(S) FOR A POSITION ON THE BOARD OF DIRECTORS OF THE BRAZORIA COUNTY APPRAISAL DISTRICT.

WHEREAS, the official ballot containing the names of the duly nominated candidates for the Board of Directors of the Brazoria County Appraisal District has been received from the Chief Appraiser of the Brazoria County Appraisal District; and

WHEREAS, the **City of Manvel** wishes to cast its votes thereon;

NOW, THEREFORE, BE IT RESOLVED, the **City of Manvel** does hereby determine and cast its votes for the candidates for the Board of Directors of the Brazoria County Appraisal District as follows:

SEE ATTACHED OFFICIAL BALLOT 2024

BE IT FURTHER RESOLVED that the official ballot be marked in accordance with this resolution and returned to the Chief Appraiser of the Brazoria County Appraisal District with a copy of this resolution attached hereto prior to December 15, 2024.

PASSED AND APPROVED this ____ Day of ____________________, 2024.

____
Dan Davis, Mayor

ATTEST:

____
Tammy Bell, City Secretary

BRAZORIA COUNTY APPRAISAL DISTRICT
BOARD OF DIRECTORS ELECTION 2024

OFFICIAL BALLOT

NOMINATIONS/CANDIDATES	VOTE(S) CAST
1. Kristin Bulanek	1. ________
2. Eric Hayes	2. ________
3. Wayman Hutchings	3. ________
4. Glen Jones	4. ________
5. Tommy King	5. ________
6. Arnetta Murray	6. ________
7. Marinell Music	7. ________
8. Patrick O'Day	8. ________
9. Gail Robinson	9. ________
10. George Sandars	10. ________
11. Susan Spoor	11. ________

PLEASE ATTACH YOUR RESOLUTION TO THIS FORM

SUBMITTED BY: ____________________

VOTES ENTITLED TO: ________

VOTES CAST: ________

BRAZORIA COUNTY APPRAISAL DISTRICT

CHIEF APPRAISER
Marcel Pierel III
500 N. Chenango
Angleton, Texas 77515
979-849-7792
Fax 979-849-7984

October 21, 2024

Honorable Dan Davis
Mayor of Manvel
P.O. Box 187
Manvel, TX 77578

Dear Honorable Dan Davis,

Thirty-four voting taxing units were entitled to submit by written resolution, nominations to appoint five-members to the board of directors of the Brazoria County Appraisal District for the year 2025. **Attached is the official ballot with the nominations we received.**

CITY OF MANVEL IS ENTITLED TO CAST **53** VOTE(S).

Each voting unit must vote by **Written Resolution** and submit it to the chief appraiser before **December 15, 2024**. The governing body of the taxing unit may cast all its votes for one candidate or distribute the votes among any number of candidates. When you add the column of your votes, your total should not be greater than your allotted number.

A voting unit must cast its votes for a person, or persons nominated and named on the ballot. There is no provision for write-in candidates. The chief appraiser may not count votes cast for someone not listed on the official ballot.

Please complete the ballot and return to Marcel Pierel III, Chief Appraiser, by mail to 500 North Chenango, Angleton, Texas 77515, email mpierel@brazoriacad.org or fax to 979-849-7984 **along with a Written Resolution before December 15, 2024**. If you have any questions about the format of your resolution or any other matter, give me a call immediately.

It is important that you return your **Ballot and Resolution** to the chief appraiser before **December 15, 2024**, so that we may count the votes, declare the winners, and notify all taxing units and candidates of the results.

Sincerely,

Marcel Pierel III
Chief Appraiser

MP/td
Enclosure

RESOLUTION NO. 2024-R-30

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MANVEL, TEXAS, ADOPTING A SCHEDULE OF FEES, RATES, DEPOSITS, AND OTHER CHARGES FOR ZONING, PLATTING, BUILDING, UTILITIES, AND FIRE SAFETY AND PREVENTION AND OTHER RELATED MATTERS; AND REPEALING ALL RESOLUTIONS IN CONFLICT HERE WITH; AND OTHER RELATED MATTERS.

* * * * * * * * * *

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MANVEL, TEXAS:

Section 1. That certain **"FEE SCHEDULE – NOVEMBER 4, 2024,"** a true and correct copy of which is attached hereto as Exhibit "A," and for all things is made a part of this Resolution, is hereby in all things adopted. The fees set forth in said Exhibit "A" shall be applicable beginning November 5, 2024.

Section 2. That certain **"FIRE PROTECTION AND PREVENTION – September 18, 2023"** fee schedule, a true and correct copy of which is attached hereto as Exhibit "B," **reflects no changes** and for all things is made a part of this Resolution, is hereby in all things adopted.

Section 3. That certain **"UTILITY FEES" – August 2, 2022,"** a true and correct copy of which is attached hereto as Exhibit "C," **reflects no changes** and for all things is made a part of this Resolution, is hereby in all things adopted.

Section 4. All resolutions or parts of resolutions inconsistent or in conflict herewith are, to the extent of such inconsistency or conflict, hereby repealed.

RESOLVED, this the ____________, day of ____________, 2024.

____
Dan Davis, Mayor

ATTEST:

____
Tammy Bell, City Secretary

CITY OF MANVEL
FEE SCHEDULE NOVEMBER 4, 2024
RESOLUTION 2024-R-30

"Certain Manvel Residents" are defined as individuals who are seeking construction of a single-family residential structure that the resident intends to occupy as his/her residence. [Ordinance No. 2023-O-05 Proposition B"

ZONING

OCCUPANCY PERMITS, NON-RESIDENTIAL	
CHANGE OF USE / TENANCY	$150.00
REGISTRATION FOR NEWLY ANNEXED BUSINESSES	$0
TEMPORARY BUSINESS PERMITS	$50.00
INTERPRETATION FROM ZONING OFFICIAL	$50.00
RE-ZONING APPLICATION	$1,800.00
SPECIFIC USE PERMIT FEE	$1,500.00
APPEAL TO THE ZONING BOARD OF ADJUSTMENTS	$750.00
APPEAL TO THE ZONING BOARD OF ADJUSTMENTS – CERTAIN MANVEL RESIDENTS (**PROP B)	$0.00
PLANNED UNIT DEVELOPMENT (PUD)	
PUBLIC NOTICE FEE	$150.00
SMALL PUD	$4,000.00
MEDIUM PUD	$4,000.00 plus $40.00/acre
LARGE PUD (LESS THAN 1,000 ACRES OR GREATER)	$10,000.00 plus $30.00/acre
LARGE PUD (GREATER THAN 1,000 ACRES)	$20,000.00 plus $20.00/acre
PLANNED UNIT DEVELOPMENT (PUD) AMENDMENT	$500.00

PLATS

PRELIMINARY PLAT		$750.00
		+ $10/lot and $15/acre or fraction in reserves
PRELIMINARY PLAT – CERTAIN MANVEL RESIDENTS (**PROP B)		$0.00
FINAL PLAT		$750.00
		+ $25 / LOT and $15/acre or fraction in reserves
FINAL PLAT – CERTAIN MANVEL RESIDENTS (**PROP B)		$0.00
MASTER PLAN		
50 ACRES TO 100 ACRES		$1,000.00
101 ACRES OR MORE		$2,000.00
REPLATTING CHARGES WHEN A PUBLIC HEARING IS HELD		
WITH NOTIFICATION	Advertising Fee	$75.00
	Per Mailing Notification Fee	$1.00
WITHOUT NOTIFICATION		$75.00
REPLATTING CHARGES WITH A PUBLIC HEARING IS HELD – CERTAIN MANVEL RESIDENTS (**PROP B)		
WITH NOTIFICATION	Advertising Fee	$0.00
	Per Mailing Notification Fee	$0.00
WITHOUT NOTIFICATION		$0.00

DEVELOPMENT PLAT	$750.00	PLUS $15/ACRE
DEVELOPMENT PLAT – CERTAIN MANVEL RESIDENTS (**PROP B)	$0.00	
MINOR PLAT OR AMENDING PLAT	$500.00	
MINOR PLAT OR AMENDING PLAT – CERTAIN MANVEL RESIDENTS (**PROP B)	$0.00	
PLAT EXTENSION (6 MONTHS)	NO CHARGE	
RECORDING FEES WITH BRAZORIA COUNTY - ACTUAL COST OF RECORDING, PLUS	$30.00	
PLAT RE-SUBMITTAL	$200.00 each	
PLAT RE-SUBMITTAL – CERTAIN MANVEL RESIDENTS (**PROP B)	$0.00 each	
VARIANCE TO THE SUBDIVISION ORDINANCE	$500.00	
VARIANCE TO THE SUBDIVISION ORDINANCE – CERTAIN MANVEL RESIDENTS (**PROP B)	$0.00	
MODIFICATION TO THE DESIGN CRITERIA MANUAL	$200.00	
MODIFICATION TO THE DESIGN CRITERIA MANUAL – CERTAIN MANVEL RESIDENTS (**PROP B)	$0.00	

ENGINEERING

PLAN REVIEW, STREETS, UTILITIES, PUBLIC SYSTEMS, ETC.
$500.00 base plus $50.00 per document page larger than legal size sheets
RESUBMITTALS FOR PLAN REVIEW, STREETS, UTILITIES, PUBLIC SYSTEMS
(After second submittal) $250.00 base plus $10.00 per document page

PLAN REVIEW FOR BINDERS (every ten (10) sheets equal 1 document page)
$500.00 base plus $5.00 per legal size or smaller sheets

CIVIL SITE IMPROVEMENTS, STREETS, UTILITIES, PUBLIC SYSTEMS, ETC.
$1,000.00 flat fee for projects up to and including $100,000.00.
Over $100,000.00- $1,000.00 plus $8.00 for each thousand over $100,000.00

RE-CHECK FEE or VERIFICATION OF CORRECTIONS $250.00

ENVIRONMENTAL HEALTH

Onsite Septic System permits

Residential	$360.00
Commercial	$460.00
On site evaluation	$105.00/hr

(This will be an inspection to make sure a septic system is working properly)

These updated OSSF fees will go into effect October 1, 2024

BUILDING - ALL PERMITS EXPIRE AT 180 DAYS UNLESS NOTED OTHERWISE

CONSTRUCTION PERMITS RESIDENTIAL AND COMMERCIAL

Minimum permit fee $50.00

Commercial Construction Permit Application Fee (values greater than $10,000) $50.00

$15.00 for the first $1,000.00 of construction value plus;
$5.00 per thousand, up to and including $50,000.00
$260 for the first $50,000.00 plus $4 per additional thousand
$460 for the first $100,000.00 plus $3 per additional thousand
$1,660 for the first $500,000.00 plus $2 per additional thousand

Residential Construction Permit Application Fee $0.40/sq. ft.

$70.00 FOR DETACHED GARAGES OR NATIONALLY RECOGNIZED COST ESTIMATING BOOK

PLAN REVIEW FEE ½ OF THE BUILDING PERMIT FEE

RESIDENTIAL STREAMLINE PERMITS FEE FOR ELECTRICAL, PLUMBING AND HVAC; FEE WILL BE A MINIMUM OF 25 % OF THE BUILDING PERMIT FEE FOR EACH CATEGORY

REVIEW FOR ELEVATION CERTIFICATES INCLUDED IN NEW CONSTRUCTION PERMIT (3 TOTAL (at start, at pre-pour and final) PER CERTIFICATE $50.00

REVIEW FOR ELEVATION CERTIFICATES NOT INCLUDED IN NEW CONSTRUCTION PER CERTIFICATE $65.00

MANUFACTURED AND MODULER HOMES $0.30/sq. ft.

IMPACT FEES: **(2021-R-26)**

Meter Size	Meter Type	Service Unit Equivalent	Impact Fees		
			Water	Wastewater	Total
3/4"	Displacement	1.0	$2,441	$7,107	$9,548
1”	Displacement	1.6	$3,906	$11,371	$15,277
1-1/2”	Turbine	4.0	$9,766	$28,428	$38,194
2”	Turbine	6.4	$15,625	$45,484	$61,109
3”	Displacement	12.8	$31,251	$90,969	$122,220
4”	Displacement	20.0	$48,830	$142,140	$190,970
6”	Displacement	40.0	$97,660	$284,280	$381,940
8”	Displacement	64.0	$156,256	$454,848	$611,104
10”	Displacement	92.0	$224,618	$653,844	$878,462

****CARPORTS** (see below), POLE BARNS, SHEDS, ELEVATED DECKS 30” OR HIGHER, ETC…
(NON-LIVING AREAS OVER 200 SQ FEET – OUTSIDE THE FLOOD ZONE)
(CARPORTS – metal pre-fab structure, open on all four sides, 400 sq. feet or less over parking area, does NOT require a permit)**

MINIMUM $50.00
Plus Plan Review (if required)

ADDITIONALLY, CARPORTS (DETACHED) OF AREA LESS THAN 600 SQUARE FEET ARE STILL REQUIRED TO BE PERMITTED, BUT ARE <u>EXEMPT FROM THE PAYMENT OF THE PERMIT FEE</u>, WITH THE FOLLOWING CONDITIONS: (SEE ORDINANCE 2016-O-05)
1) Less than 600 square feet in area; 2) Enclosed on no more than 2 sides; 3) Unfinished on the interior; 4) No utilities connected to the structure; 5) Can be used only for parking and limited storage and not used for habitation (no working, sleeping, living, cooking, or restroom areas); 6) Must be detached from residential structure; 7) Must be firmly anchored to prevent floatation, collapse, and lateral movement; 8) Must abide by the same setbacks as required by zoning on the property; 9) No elevation certificate is required; and 10) A site drawing (can be hand drawn) is required to show where the structure will be located. FEE No Cost

ELECTRICAL AND PLUMBING PERMITS PULLED SEPARATELY, THE BASE FEE IS APPLIED, PLUS ANY ADDITIONAL COST ITEMS LISTED ON THE APPLICATION.

PLUMBING PERMITS	BASE FEE	REPAIRS	$100.00
		RESIDENTIAL (New & Add-Ons)	$150.00
		COMMERCIAL (New & Add-Ons)	$200.00

Medical Gas Permits would be pulled by a Master Plumber using the Plumbing Permit application.

ELECTRICAL PERMITS	BASE FEE	REPAIRS	$100.00
		RESIDENTIAL (New & Add-Ons)	$150.00
		COMMERCIAL (New & Add-Ons)	$200.00
MECHANICAL PERMITS	BASE FEE	REPAIRS	$100.00
		RESIDENTIAL (New & Add-Ons)	$150.00
		COMMERCIAL (New & Add-Ons)	$200.00
RENEWAL BUILDING PERMITS			
		RESIDENTIAL INDIVIDUAL PERMIT	$150.00
		NEW HOME PERMIT (4 PERMITS IN ONE)	$300.00
		COMMERCIAL PERMIT	$300.00

RE-INSPECTION FEES FOR FAILED WITH PENALTY (PAYABLE IN ADVANCE)

RESIDENTIAL	$50.00
COMMERCIAL	$100.00

PERMITS	**Residential/ General Fee**	**Commercial**	**Notes**
Culvert (Per Crossing)	$100.00	$100.00	
Demolition permits	$50.00	$50.00	
Display permits (per unit)	$50.00		Annual renewal from date of issue. Inspections done on anchoring and location of display. Electrical permits pulled separately
Driveways	$100.00	$150.00	
Driveways (TXDOT)		$500.00	Commercial properties fronting on a State maintained road
Development Permit (in Floodplain)	No Charge		Property located in a floodplain or property not in a floodplain that has reached 20 loads with approved permit.
Development Permit (outside Floodplain)	No Charge		Property outside the floodplain up to 20 loads
Extended Stay Permit	$50.00		Must be approved by PD & Z prior to permit issuance

Fence	$25.00	$25.00	
Irrigation (Base)	$140.00	$200.00	
Pond permits	$50.00	N/A	
Roofing Permits	$50.00		
Sign Permits	$100.00		
Review fee	$50.00		
Sign Permit – Misc.	$-0-	N/A	Political and non-profit signs
Swimming Pool (Based on value of Pool)			Electrical and plumbing can be included in one permit, fee is based on a minimum of 25 % of the permit fee
Water Wells	$50		

ANNUAL PERMITS *EXPIRE ON DEC. 31ST EACH YEAR*	**FEE**	**NOTES**
Ambulance Provider License	$500.00	
EMS Vehicle (per Ambulance Charge)	$100.00	
Beer and Wine		not to exceed ½ of TABC license fee
Burn (Residential)	$15.00	
Manufactured Home Community		
Annual Fee	$100.00	
Plus per space fee	$5.00	
Pet Registration** (Police Dept.)		**The pet licenses expire one year from the **date of issue.**
If spayed or neutered	$5.00	
without proof not spayed or neutered	$10.00	
Pet impound fee (first day)	$30.00	
Each additional day impound	$5.00	
Animal Ordinance Fees		
Seller's Permit	$150 per litter	
Petting Zoo	$150 Annually	
Adoption	$35 per adoptio	
Rescuer's Permit	$0	The rescuer's permit is a mere paperwork registration, permitting to exceed the seven (7) animal limit.
ROW (Ordinance 2011-O-22)		
Use of public right-of-way or City property Right–of way crossing		
Right-of way, first year per rod	$1,000.00	(per crossing per year)
Annual renewal, per rod	$21.00	
	$7.50	

RV Park License

Annual fee	$100.00	
Plus per space fee	$5.00	

Solicitor Permit

30 day renewal, passport picture required	$50.00 $25.00	First Person Additional Person
Storage Facility	$250.00	
Wrecker Permits - Per wrecker charge	$100.00	
Hotel Operation License*	$100.00	

*annual permit expires per adopted ordinance

Coin Operated Machine Tax	$50.00	per Machine

Health Inspections/Permits

Mobile Food Unit	$200.00	per Unit
Food Establishment – Small (< 1,000 sf.)	$200.00	Bi-Annual Site Inspection
Food Establishment – Medium (1,001-10,000 sf.)	$400.00	Bi-Annual Site Inspection
Food Establishment – Large (>10,000 sf.)	$600.00	Bi-Annual Site Inspection
Non-Profit Organizations*	$100.00	Bi-Annual Site Inspection
Day Care Center	$150.00	Bi-Annual Site Inspection
Group Residence (institution)	$150.00	Bi-Annual Site Inspection
Ownership Change Food Establishment		
Small (full year July 1st to December 31st)	$200.00	Site Inspection
Medium (full year July 1st to December 31st)	$400.00	Site Inspection
Large (full year July 1st to December 31st)	$600.00	Site Inspection
Small (6 months – January 1st to June 30th)	$100.00	Site Inspection
Medium (6 months – January 1st to June 30th)	$200.00	Site Inspection
Large (6 months – January 1st to June 30th)	$300.00	Site Inspection
Non-Profit Organizations (full year July 1st to December 31st)	$100.00	Site Inspection
Non-Profit Organizations (6 months – January 1st to June 30th)	$50.00	Site Inspection
Day Care Center (full year July 1st to December 31st)	$150.00	Site Inspection
Day Care Center (6 months – January 1st to June 30th)	$75.00	Site Inspection
Group Residence (full year July 1st to December 31st)	$150.00	Site Inspection
Group Residence (6 months – January 1st to June 30th)	$75.00	Site Inspection
Temporary Food Establishment	$50.00	Site Inspection
Re-Inspections	$150.00	Re-Inspection
Owner Initiated Inspection	$150.00	Re-Inspection

*supporting documentation required

SPECIAL EVENT PERMIT

Type A Special Event	$100.00 per event
Type B Special Event	$50.00 per event
Type C Special Event (Recurring Activity)	$25.00 per event

OUTDOOR FACILITY USE

Other Governmental Bodies	No Fee
Non-Profits	$25.00
Public Use	$50.00
Refundable Damage Deposit for Non-Profits	$50.00
Refundable Damage Deposit for Public Use	$100.00
Public Use Events requiring outdoor water usage	$50.00

FRANCHISE FEES (Pipeline Ordinance 2011-O-22)

Pipeline Registration Fee	$100.00
Deposit	$5,000.00
Franchise Administrative Application fee	$500.00
City Inspection Fee	$150.00 / HR

FRANCHISE FEES (Solid Waste Ordinance 2024-O-04)

Roll-Off Registration	$15% (of gross receipts collected)

OIL AND GAS WELLS (Oil and Gas Well Ordinance 2015-O-26

Filing Fee	$1,000.00
Additional filing fee	$500.00

RENTAL REGISTRATION AND INSPECTIONS (Rental Ordinance 2013-O-06)

Annual Rental Permit Fee	$50.00 per unit
Initial inspection, re-inspection	no charge
All subsequent re-inspections	$250.00
Untimely registration fee from 10/1/2013	
Within 30 days after date set in section 17-426	$300.00
after 30th day before 60th day set in section 17-426	$375.00
after 60th day set in section 17-426	$450.00
Failure to register mandatory inspection fee (includes initial inspection and one re-inspection)	$500.00
Additional Re-Inspections	$250.00

SMALL CELL WIRELESS FACILITIES (Ordinance 2017-O-30) Application Fee

Network Node	**Fee**
Fee per application for up to 5 network nodes	$500.00
Additional network nodes (up to 30 per application) support pole	$250.00
Node support pole (per application for each pole)	$1,000.00

Transport Facility

Fee per application	$500.00	1-5 network nodes
Additional network nodes	$250.00	1-30 additional nodes

Annual Small Cell Wireless Facilities Fee (Ordinance 2017-O-30)

Network node per network site support pole	$250.00	
No separate rate from the network node annual fee (each support pole should have a network node attached) Transport facility per app.	$28.00/m onthly	(for each network node site, unless an equal or greater amount is paid to the City Under chapter 283, Tex. Loc. Gov. Code or Chapter 66, Tx. Util. Code)

ALARMS (PERMITTED THROUGH THE MANVEL POLICE DEPARTMENT)

Burglar and Fire Alarm Systems *(expire on December 31st each year)*

Residential Permit	$50.00 annually **change of resident will require a new permit* Pro-Rated Residential Alarm Permit $50.00 from January 1st to March 31st $25.00 from April 1st to September 30th $12.50 from October 1st to December 31st plus annual fee
Commercial Permit	$100.00 annually **change of occupancy will require a new permit* Pro-Rated Commercial Alarm Permit $100.00 from January 1st to March 31st $50.00 from April 1st to September 30th $25.00 from October 1st to December 31st plus annual fee

False Alarms

Burglar	$50.00	Fee charged for more than 3 false alarms but fewer than 6 within 12 month period
	$75.00	Fee charged for more than 5 false alarms but fewer than 8 within 12 month period
	$100.00	Fee charged for 8 or more false alarms within 12 month period
Fire	$50.00	Fee charged for more than 3 false alarms but fewer than 6 within 12 month period
	$75.00	Fee charged for more than 5 false alarms but fewer than 8 within 12 month period
	$100.00	Fee charged for 8 or more false alarms within 12 month period

Fee taken upon submittal of Burglar and Fire Alarm Systems Permit for Residential and Commercial Business

Fee taken upon submittal of Burglar and Fire Alarm Systems Permit for Residential and Commercial Business

Fingerprint Fee	Resident	$5.00
	Non-Resident	$10.00

CITY OF MANVEL PAYMENT OPTIONS AND CREDIT CARD PROCESSING FEES

Municipal Court (Cash and Credit Cards – No checks accepted)	
In person - Credit Card Convenience Fee	3.5 % of total transaction.
On line Credit Card Convenience Fee	$6.50
Night Court payment paid through Square Incorporated	$3.00 per $100.00
Permit Department (Cash, credit cards and checks accepted)	
Credit Card Convenience Fee	3.25% of total transaction
Police Department	
Court payment paid thru Square Incorporated	$3.00 per $100.00

Utility payments (Cash, check and on-line through TX eCommerce)

Fire Safety and Prevention
Resolution 2023-R-24
Exhibit B - September 18, 2023

Permit Type	**Additional Information**	**Fee**
Certificate of Occupancy (Change of Occupancy)	Fire Final Inspection	$150.00
Open Burning		
Commercial (Trench burn Only)	Site Inspection	$200.00
Residential	Site Inspection	$15.00
Fire Inspections		
Construction Site Offices/Trailers/Containers.(Inspection required)	One Time Service	$150.00
Construction Site Fuel Tanks (Inspection required)	One Time Service per tank	$100.00
Fireworks Display/Show	Per Site	$1,000.00
All Fire Plans Review Fees		
Fire Sprinkler System		
Plans Review Fee	50% of total Permit Cost	
Number of Sprinkler Head	per Sprinkler Head	$5.00
Number of Tamper Devices	per Tamper Divide	$5.00
Number of Flow Devices	per Flow Device	$5.00
Jockey Pump		$50.00
Fire Pump Acceptance Test		$100.00
Fire Pump Acceptance Test (Re-Test)		$150.00
Number of Hose Valves	per Hose Valve	$10.00
Combined Sprinkler and Standpipe	per Combined Sprinkler & Standpipe	$50.00
Hydrostatic Test	Fee will be charged for each test	$100.00
Fire Service Underground Main, Fire/Private Hydrants/Storage Tanks		
Plans Review Fee	50% of total Permit Cost	
Fire Service Underground Main		$100.00
Storage Tanks		$150.00
Hydrant	per Hydrant	$50.00
Hydrostatic Test	Fee will be charged for each test	$100.00
Re-Test Fee		$175.00
Fixed Suppression System (Commercial Cooking Hood, Spray Booth or Room		
Plans Review Fee	50% of total Permit Cost	
Automatic Fire-Extinguishing Systems	Fixed Systems	$150.00
Number of Nozzles	Plus Additional Per Head 2.00	$5.00
Number of Audio/Visual Devices		$5.00
System Test		$100.00
Re-Test Fee		$175.00

Permit Type	**Additional Information**	**Fee**
Fire Alarm and Detection System		
Plans Review Fee	50% of total Permit Cost	
Number of Smoke Detectors	per Device	$5.00
Number of Duct Detectors	per Device	$5.00
Number of Heat Activated Devices	per Device	$5.00
Number of Manual Pull Devices	Per Device	$5.00
Number of Releasing Devices	per Device	$5.00
Number of Audio/Visual Devices	per Device	$5.00
Number of Additional Devices (i.e., Relay/Modules, etc.)	per Device	$5.00
Remote Annunciator	Each	$50.00
Emergency Public Address	per Floor	$50.00
(For first 10 floors and $5.00 per floor thereafter)	per Floor	$5.00
Re-Test Fee		$175.00
Emergency Responder Radio Communications Systems (ERRCS)		
Plan Review Fee	50% of total Permit Cost	
System Test		$100.00
Re-Test Fee		$175.00
Flammable and Combustible Liquids		
Plans Review Fee	50% of total Permit Cost	
Pipeline		$600.00
Aboveground Storage Tank Install		$250.00
Aboveground Storage Tank Repair and/or Removal		$100.00
Underground Storage Tank Install		$400.00
Underground Storage Tank Repair and/or Removal		$100.00
Construction Site Fuel Tank (Inspection Required)	One Time Service per Tank	$100.00
Re-Test Fee		$175.00
Oil/Gas Well Drilling	Construction Site	$1,000.00
Oil/Gas Well Workover/Recompletions	Construction Site	$500.00
Hazardous Materials	Storage	$200.00
LP-Gas	Storage	$100.00
Compressed Gas, Hazardous Material and Industrial Ovens		
Plans Review Fee	50% of total Permit Cost	
Compressed Gas	per System	$150.00
Hazardous Material		$450.00
Industrial Ovens		$200.00
Re-Test Fee		$175.00
Temporary Booth, Membrane Structures and Tents		
Plans Review Fee	50% of total Permit Cost	

Permit Type	**Additional Information**	**Fee**
Temporary Membrane Structures		$250.00
Tent and Canopy 201 to 300 square feet		$50.00
Tent and Canopy 301 to 600 square feet		$75.00
Tent and Canopy 601 to 1,000 square feet		$100.00
Tent and Canopy over 1,001 square feet		$150.00
Annual Fire Inspections		
Commercial/Public	Initial Inspection	No Fee
Commercial/Public	1st Re-Inspection	No Fee
Commercial/Public	2nd Re-Inspection	$100.00
Commercial/Public	3rd Re-Inspection	$200.00
Foster Home	Licensed 1-3	$25.00
Foster Home	Licensed 3 or more	$50.00
Group Home	Licensed 1-6	$50.00
Group Home	Licensed 7-12	$100.00
Multi-Family Residences/Hotels/Motels	3-20 Dwelling Units	$200.00
Multi-Family Residences/Hotels/Motels	21 or more Dwelling Units	$350.00
Hospitals/Nursing Homes Providing 24-Hour Care	Licensed 1-99 Beds	$300.00
Hospitals/Nursing Homes Providing 24-Hour Care	Licensed 100-199 Beds	$400.00
Hospitals/Nursing Homes Providing 24-Hour Care	Licensed 200 or more Beds	$500.00
Other 24-Hour Care Facilities	Licensed for 1-3 Occupants	$100.00
Other 24-Hour Care Facilities	Licensed for 4-16 Occupants	$175.00
Other 24-Hour Care Facilities	Licensed for 17-25 Occupants	$250.00
Other 24-Hour Care Facilities	Licensed for 26 or more Occupants	$325.00
Required Operational Permits	**Annual from Month of Issuance**	
Aerosol Products		$150.00
Amusement Building		$75.00
Aviation Facilities		$450.00
Carnivals and Fairs		$500.00
Battery Systems		$150.00
Cellulose Nitrate Film		$500.00
Combustible Dust-Producing Operations		$500.00
Combustible Fibers		$150.00
Compressed Gases		$150.00
Covered Mall Building		$450.00
Cryogenic Fluids		$150.00
Cutting and Welding		$50.00
Day Care Centers (Licensed Facilities Providing Less than 24 Hour Care)	1-50 Children	$75.00
Day Care Centers (Licensed Facilities Providing Less than 24 Hour Care)	50-99 Children	$100.00
Day Care Centers (Licensed Facilities Providing Less than 24 Hour Care)	100-149 Children	$125.00
Day Care Centers (Licensed Facilities Providing Less than 24 Hour Care)	150 or more Children	$150.00

Permit Type	**Additional Information**	**Fee**
Dry Cleaning Plants		$150.00
Exhibits and Trade Shows		$75.00
Explosives		$500.00
Flammable and Combustible Liquids (includes Aboveground and Underground Storage Tanks)		$150.00
Floor Finishing		$50.00
Fruit and Crop Ripening		$50.00
Fumigation and Thermal Insecticide Fogging		$100.00
Hazardous Materials		$450.00
Hazardous Production Materials Facilities		$450.00
High-Piled Storage		$300.00
Hot Work Operations		$100.00
Industrial Ovens		$250.00
Lumber Yards and Woodworking Plants		$250.00
Liquid/Gas-Fueled Vehicles/Equipment in Assembly Building		$100.00
LP Gas		$200.00
Magnesium		$250.00
Miscellaneous Combustible Storage		$150.00
Motor Fuel-Dispensing Facilities		$150.00
Open Burning	see Open Burning Category	--
Organic Coatings		$150.00
Assembly A	Occupant Load 50-300	$100.00
Assembly B	Occupant Load 301-1,000	$150.00
Assembly C	Occupant Load Over 1,000	$200.00
Private Fire Hydrants		$50.00
Pyrotechnic Special Effects Material		$150.00
Pyroxylin Plastics		$250.00
Refrigeration Equipment		$150.00
Repair Garages and Motor Fuel-Dispensing Facilities		$150.00
Rooftop Heliports		$100.00
Spraying or Dipping		$100.00
Storage of Scrap Tires and Tire Byproducts		$350.00
Tire Rebuilding Plants		$500.00
Waste Handling		$150.00
Wood Products		$150.00
Double Permit Fee		
If it is determined by the Fire Code Official that an activity, condition, or occupancy requiring		
a permit exists and no permit has been issued, the Fire Code Official may impose a double		
permit fee.		
If a New Installation, Renovation/Addition to Existing System, or Repair is completed without		
an approved permit, then double fees shall be added to the permit fee total.		

Utility Fees - Resolution 2023-R-04
Resolution 2022-R-10 (Aug 2, 2022)
Exhibit C

Tap and Inspection Fees (Sec. 71-2)		
Water Connection Fee Schedule	**Meter size**	**Cost**
Single-Family Residential	3/4"	$550 plus 1/2 cost of any required bore
	>3/4"	$750 plus 1/2 cost of any required bore
Sewer Connection Fee Schedule	**Fee Type**	**Cost**
Single-Family Residential	Connection Fee	$750 plus 1/2 cost of any required bore
Multi-family Residential and Non-Residential	Connection Fee	Based on individual needs of the facility based on engineering requirements
Temporary Construction & Bulk Water Meters	**Fee Type**	**Cost**
Temporary meter & use of a fire hydrant wrench	Installation Fee	$50
	Deposit	$750
Bulk Water	Water Meter Base Charge	$100
	Rate per 1,000 gallons	$10/per 1,000 gallons of water used
Pre-facility Inspection	Inspection Fee	$25
	Reinspection Fee	$25
Grease Trap Inspections	Inspection Fee	$35
	Reinspection Fee	$40
Sewer and Water Complaints	If on consumer-side	$40 per hour time required for inspection
Swimming Pool Inspections (Sec.71-6)	**Fee Type**	**Cost**
	Inspection Fee	$40
Plumbing (Sec. 71-7)	**Fee Type**	**Cost**
Backflow Prevention Assemblies	Testing and Certification	$75
Customer Service Inspections	Single-Family Residential Users	$100
	Other Users	Determined on an individual basis
Final Plumbing Inspection	Single-Family Residential Users	$50
	Other Users	Determined on an individual basis
Late Payments (Sec. 71-8)	**Fee Type**	**Cost**
	Certified Delinquent Letter Fee	$10 for each notice of termination
Termination & Reconnection of Service (Sec. 71-9)	**Fee Type**	**Cost**
Reconnection	Reconnection Fee	$50 plus $75 security deposit, less prior security deposit on file
Vacation	Temporary Suspension & Reconne	$50 for meter pull and $50 for reconnection
Returned Checks (Sec. 71-10)	**Fee Type**	**Cost**
	Returned check fee added to bill	$25
New Account Fee (Sec. 71-11)	**Fee Type**	**Cost**
	New Account Setup Fee	$20 (nonrefundable)
Security Deposits (Sec. 71-12)	**Fee Type**	**Cost**
Residential Owner	Security Deposit	$75
Residential Renter	Security Deposit	$200
Commercial - 1" meter or smaller	Security Deposit	$200
Commercial - 2" meter or larger	Security Deposit	$400
Temporary Construction Meter	Security Deposit	$750
Bulk Water Purchase (Residential)	Security Deposit	$1,000
Bulk Water Purchase (Commercial/Pipeline)	Security Deposit	$5,000
Builder Deposits	Security Deposit	$500 at time a request for each initial water tap is made

Utility Fees - Resolution 2023-R-04
Resolution 2022-R-10 (Aug 2, 2022)
Exhibit C

*** Separate from fee schedule ***		
****Water and Sewer Rates adopted by Ordinance 2023-O-34 (Adopted 10/02/2023)****		
***Water Rates (Monthly) (Sec. 71-4)**	**Gallons**	**Cost**
Single-Family Residential Users	First 2,000 gallons	$32.59 (Minimum)
	All over 2,000 gallons	$3.34 per 1,000 gallons
Commercial Users	First 2,000 gallons	$39.11 (Minimum)
	All over 2,000 gallons	$3.34 per 1,000 gallons
***Sewer Rates (Sec. 71-5)**	**Gallons**	**Cost**
Single-Family Residential Users	First 2,000 gallons	$39.11 (Minimum)
	All over 2,000 gallons	$3.34 per 1,000 gallons
Multi-Family Residential Users	First 2,000 gallons	$39.11 (Minimum)
	All over 2,000 gallons	$3.34 per 1,000 gallons
Commercial Users	First 2,000 gallons	$45.63 (Minimum)
	All over 2,000 gallons	$3.34 per 1,000 gallons

CITY COUNCIL DATA SHEET

MEETING DATE: October 07, 2024 **Regular Agenda**

TOPIC:
Utility Rate Increase Ordinance

BACKGROUND:
Staff is requesting that the Council approve the Utility rate increase of 6.30%, according to the study conducted by Freese & Nichols in 2022. The increase is necessary to keep up with the increase in population and businesses coming to Manvel. It would provide funds for the growth of infrastructure, water and sewer line connections, and additional employees needed to provide top-notch service for our residents.

Rates will be increased as follows:

Residential Water Base	$32.59	to	$34.65
Additional Volume	$3.34	to	$3.79
Residential Wastewater Base	$39.11	to	$41.58
Additional Volume	$3.34	to	$3.79
Commercial Water Base	$39.11	to	$41.58
Additional Volume	$3.34	to	$3.79
Commercial Wastewater	$45.63	to	$48.51
Additional Volume	$3.34	to	$3.79

RECOMMENDATION:
Staff recommends approval of Ordinance.

ATTACHMENTS: Freese & Nichols Study on Ordinance Rates

FUNDING ISSUES
__X__ Not applicable
____ Not budgeted
____ Full amount already budgeted
__ Funds to be transferred

SUBMITTING STAFF MEMBER Rosa Donaire	FINANCE DIRECTOR APPROVAL ✓ CITY MANAGER APPROVAL: ✓

ORDINANCE NO. 2024-O-42

AN ORDINANCE AMENDING THE CODE OF ORDINANCES OF THE CITY OF MANVEL, TEXAS, CHAPTER 71. "UTILITIES" BY ADOPTING NEW RATES FOR WATER AND SEWER; MAKING OTHER CHANGES TO THE ORDINANCE GOVERNING THE PROVISION OF UTILITIES WITHIN THE CITY OF MANVEL; PROVIDING A PENALTY IN AN AMOUNT NOT TO EXCEED $2,000.00 FOR ANY VIOLATION OF ANY PROVISION OF THIS ORDINANCE; REPEALING ALL ORDINANCES OR PARTS OF ORDINANCES INCONSISTENT OR IN CONFLICT HEREWITH; AND PROVIDING FOR SEVERABILITY.

***   *   *   *   *   ***

WHEREAS, pursuant to **Texas Water Code** § 13.042, the governing body of each municipality has exclusive original jurisdiction over all water and sewer utility rates, operations, and services provided by a water and sewer utility within its corporate limits;

WHEREAS, pursuant to **Tex. Loc. Gov't Code** § 552.001(b), a municipality is permitted to operate and regulate a utility system "in a manner that protects the interests of the municipality";

WHEREAS, the City Council of the City of Manvel seeks to exercise its exclusive original jurisdiction over water and sewer utility rates and operations and adopt new rates and provisions governing the provision of utilities by the City of Manvel; and

WHEREAS, the City Council commissioned Freese and Nichols to prepare a Water and Wastewater Rate Study to report on water and sewer rates and utility operations; and

WHEREAS, the City Council has reviewed all necessary data to make a reasonable determination of rate base, expenses, investment, and rate of return within the municipal boundaries, including the Water and Wastewater Rate Study by Freese and Nichols; and

WHEREAS, the City Council deems the new rates to be fair, just, and reasonable; and

WHEREAS, the revisions to the city's utility ordinance are deemed to be in the best interest of the City of Manvel; NOW THEREFORE,

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF MANVEL, TEXAS:

Section 1. The Code of Ordinances of the City of Manvel, Texas is hereby amended by amending Chapter 71. "Utilities", to read and provide as follows:

"Chapter 71 UTILITIES

ARTICLE I. IN GENERAL

Sec. 71-4. Water rates.

(a) *Monthly rates.*

(1) *Single-family residential users.* Single-family residential users shall be charged monthly for water as follows:

First 2,000 gallons	[~~$32.59~~] $34.65 base charge
All over 2,000 gallons	[~~$3.34~~] $3.79 per 1,000 gallons

(2) *Multifamily residential users.*

a. *Single meter.* Each multifamily building that is served by a single meter shall be charged monthly.

b. *Multiple meters.* If a multifamily building is served by more than one meter, water delivered through each meter shall be charged the base rate for single-family residential users multiplied by the number of units served through such meter, with consumption over the base amount charged at the rates quoted above for single-family residential users.

(3) *Commercial users.* Each business unit occupied by a separate business, including separate establishments within a single building, whether connected by a single meter or multiple meters, shall be charged monthly for water as follows:

First 2,000 gallons	[~~$39.11~~] $41.58 base
All over 2,000 gallons	[~~$3.34~~] $3.79 per 1,000 gallons

(4) *Irrigation systems.* Metered water connections established solely for the purpose of providing water to irrigation systems shall be charged monthly for water usage at the above-quoted rates that apply to such type of user. There shall be no sewer service charge for irrigation meters.

(5) *One-thousand gallon unit.* The fee for any 1,000-gallon unit shall also apply to any portion of a 1,000-gallon unit.

(b) *Pressure of water.* The city intends to use all reasonable efforts to supply adequate pressure of water to any user. The city does not and will not guarantee to any user a specific quantity or pressure of water for any purpose whatsoever. The city is required only to furnish a connection to its water system and in no case shall the city be liable for the failure or refusal to furnish water or any particular amount or pressure of water; however, the city shall use reasonable efforts to supply water to all users at an acceptable minimum pressure.

(c) *Sale or use of water or sewer services.*

(1) No person or entity except the city shall sell or resell water from the city's water system.

(2) No person or entity except the city shall sell or resell city sewer services.

(3) No person or entity except the city shall receive or use water from the city's water system without having a direct connection to the city's water system.

(4) No person or entity except the city shall receive or use city sewer services without having a direct connection to the city's sewer system.

(5) It is an affirmative defense to this subsection that the person or entity has the express, written, unrevoked consent of the city council or its designee for such sale, resale, receipt, or use.

Sec. 71-5. Sewer.

(a) *Single-family residential users:*

First 2,000 gallons	[~~$39.11~~] $41.58 base
All over 2,000 gallons	[~~$3.34~~] $3.79 per 1,000 gallons

(b) *Multifamily residential users:*

First 2,000 gallons	[~~$39.11~~] $41.58 base
All over 2,000 gallons	[~~$3.34~~] $3.79 per 1,000 gallons

(c) *Commercial users:*

First 2,000 gallons	[$~~45.63~~] $48.51 base
All over 2,000 gallons	[$~~3.34~~] $3.79 per 1,000 gallons

(d) *Additional applications.* The fee for any 1,000-gallon unit shall also apply to any portion of a 1,000-gallon unit.

(e) *Sewer fees.* Sewer fees are calculated using the metered amount of water provided to the user. Sewer fees shall be calculated using the average of the sewer fees of the winter months. Each customer’s water meter readings during the three consecutive winter months (November, December, and January) shall be used each year to determine the customer’s winter monthly average sewer fee. This winter monthly average sewer fee will then be applied to the sewer component of the customer’s utility bills as a fixed monthly sewer fee charged to the household over the following year. The city shall not be required to prove that the water went into the city's sewer system.

(f) *Quality of sewage.*

(1) *Domestic waste.* Only ordinary liquid and water-carried waste from domestic activities that is amenable to biological treatment and that is discharged from sanitary conveniences of buildings connected to a public sanitary sewer system shall be discharged in the city's sanitary sewer lines. Waste resulting from any process of commerce or industry may not be discharged in the city's sanitary sewer lines except as authorized pursuant to subsection (f)(2) of this section.

(2) *Commercial and industrial waste.* All discharges other than waste described in subsection (f)(1) of this section are prohibited unless the user has applied to and received written authorization from the city for such discharge. The applicant must file a statement with the city containing the following information:

a. Name and address of applicant;

b. Type of industry, business, activity, or other waste-creative process;

c. Quantity of waste to be discharged;

d. Typical analysis of waste;

e. Type of pretreatment proposed; and

f. Such other information as the city may request in writing.

The city shall have the right to reject any application for discharge of nondomestic waste into the city's sanitary sewer lines if the city determines in its sole discretion that the proposed discharge may be harmful to the city's sanitary sewer system or the environment. The city also shall have the right in approving any application for the discharge of nondomestic waste to impose any limitations on such discharge that the city determines in its sole discretion to be necessary to protect the city's sanitary sewer system or the environment.

(3) *National categorical pretreatment standard.* If a user is subject to a national categorical pretreatment standard pursuant to regulations promulgated by the Environmental Protection Agency under Section 307 of the Federal Clean Water Act, the user is prohibited from discharging pollutants into the city's sanitary sewer system in violation of applicable categorical pretreatment standards.

(4) *City testing; pretreatment.* The city shall have the right to sample and test any user's discharge at the discretion of the city's operator, with no limit as to the frequency of the tests, and to charge the user for the city's cost of such sampling and testing. The city also shall have the right to require pretreatment, at the user's expense, of any discharge of nondomestic waste if the city determines in its sole discretion that pretreatment of such waste is necessary to protect the city's sanitary sewer system or the environment, even if pretreatment is not otherwise required pursuant to subsection (f)(3) of this section.

(d) *Maintenance and repair*. It shall be the responsibility of each user to maintain the water and sewer lines from the building served to the point of connection to the city's system.

(e) *Out-of-city service.* The city council shall determine whether to provide any utility service to areas outside of the city and the terms and conditions for such service.

(f) *Nonliability of city.* Neither the city nor its agents, employees, officers, or representatives shall bear any liability to any person other than the city for any act, omission, or condition in any way directly or indirectly related to the subject matter of this article.

Section 3. **Effective date**. The rates established by this ordinance shall take effect the first billing cycle that occurs after October 31, 2024.

Section 4. **Penalty**. Any person who shall intentionally, knowingly, recklessly, or with criminal negligence violate any provision of this chapter shall be deemed guilty of a misdemeanor and, upon conviction, shall be fined in an amount not to exceed $2,000.00. Each day of violation shall constitute a separate offense.

Section 5. **Repealer**. All ordinances or parts of ordinances inconsistent or in conflict herewith, are, to the extent of such inconsistency or conflict, hereby repealed.

Section 6. **Severability**. In the event any clause, phrase, provision, sentence, or part of this Ordinance or the application of the same to any person or circumstance shall for any reason be adjudged invalid or held unconstitutional by a court of competent jurisdiction, it shall not affect, impair, or invalidate this Ordinance as a whole or any part or provision hereof other than the part declared to be invalid or unconstitutional; and the City Council of the City of Manvel, Texas, declares that it would have passed each and every part of the same notwithstanding the omission of any such part thus declared to be invalid or unconstitutional, whether there be one or more parts.

PASSED AND APPROVED on first reading this _____ day of _____________2024.

PASSED, APPROVED, AND ADOPTED on second and final reading this ____ day of _________________.

____

Dan Davis, Mayor

Attest:

____

Tammy Bell, City Secretary

APPROVED AS TO FORM:

____

Robert Gervais, City Attorney

EXHIBIT A

2022 Water and Wastewater Rate Study prepared by Freese and Nichols

Innovative approaches
Practical results
Outstanding service

WATER AND WASTEWATER RATE STUDY

Prepared for:

City of Manvel

March 2022

Prepared by:

FREESE AND NICHOLS, INC.
11200 Broadway St., Suite 2320
Pearland, Texas 77584
832-456-4700

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Practical results
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WATER AND WASTEWATER RATE STUDY

Prepared for:

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11200 Broadway St., Suite 2320
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FNI Project No.: MNV20631

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EXECUTIVE SUMMARY

The City of Manvel (City) is located on Highway 6 west of State Highway (SH) 288, in northern Brazoria County, Texas. The City currently provides retail water and wastewater services to customers within the City and outside the City limits. In August 2020, the City authorized Freese and Nichols, Inc. to perform a water and wastewater rate study. The purpose of the rate study is to develop a multi-year plan for rates that will provide sufficient revenue to implement needed capital improvements and allow the water and wastewater systems to be self-supporting. Freese and Nichols' methodology for performing this study is based on accepted industry standards and practices, specifically the American Water Works Association (AWWA) Manual 1 (M1) "Principles of Water Rates, Fees, and Charges", Seventh Edition, and the Water Environment Federation's (WEF) *Financing and Charges* manual.

The study included the following steps:

- Obtain data from City needed for the rate study.
- Review and analyze the data and develop projections of the operating expenses and revenues at current rates.
- Identify the revenue requirements for the water and wastewater system using the projected operating expenses and projected capital expenses in the next few years.
- Develop a rate model for the City's water and wastewater systems that projects the rates needed to provide sufficient annual revenue.
- Document the findings in a report.

This report describes the findings and recommendations of the water and wastewater rate study. The calculations are based on the City's Fiscal Year, which runs from October 1 through September 30.

A financing plan has been developed based on an analysis of the rates utilized to furnish water and wastewater services to customers connected to the City's water and wastewater utilities, herein referred to as the "Utility System." The financing plan compares the adequacy of projected revenues under existing rates in meeting the revenue requirement of the Utility System and identifies any adjustments which may be necessary to the existing revenue levels during the study period. The plan consists of implementing annual rate increases over the forecast period of Fiscal Years 2022 through 2030 and crafting a Utility System financing plan that provides the City with the ability to adequately fund operating and capital requirements over the forecast period. The City's goal is to have both the Water and Wastewater Utilities operate individually as self-sufficient or stand-alone entities while maintaining both a Debt Service

Coverage ratio of 1.25 for each Utility. While the City does not have a policy target for Fund Balances, this study leverages surplus fund balances to reduce debt issuances, and strives to achieve a Fund Balance of $1-2 million as a combined system. This Fund Balance target is recommended in excess of the target of 20% of operating expenditures because while the monies assessed for Impact Fees are collected within a 10-year period, the debt service payments will be over a 30-year period.

As a result of the evaluations and analyses, the following summary of findings and recommendations is offered for consideration by the City.

REVENUE UNDER EXISTING RATES

The City of Manvel provided treated water and wastewater services to just over 1,000 water customers (residential, commercial and irrigation) and just over 1,000 wastewater customers (residential, commercial) as of September 30, 2020. In Fiscal Year 2022, it is projected that the City will serve just over 2,000 water customers (residential, commercial and irrigation) and just under 2,000 wastewater customers (residential, commercial), which illustrates a customer growth rate of roughly 50 percent annually over the two year period. Annual growth rate is projected to decrease from 15 percent between Fiscal Year 2023 and Fiscal Year 2024, to 5 percent between Fiscal Year 2029 and Fiscal Year 2030.

Revenue is primarily derived from charges for treated water and wastewater services. Additional revenue is derived from miscellaneous services and fees that the City may offer or charge for services that are not directly related to the production of water or transmission of wastewater. Operating revenue from rates for water and wastewater service, under existing rates, is projected to be $771,224 for water and $866,583 for wastewater in Fiscal Year 2022. Other operating revenues are projected to be $153,564 for water and $27,921 for wastewater in the same period. Currently water and wastewater sales revenues are estimated to increase based upon the projected increase of between roughly 15 percent per year and 5 percent per year in the number of customers over the forecast period. Other operating water and wastewater revenues are estimated to increase by the same rate as water and wastewater sales revenues, since those operating revenues are derived from the number of meters in the system.

Other non operating water and wastewater revenue in Fiscal Year 2022 is estimated to be $1,470,892, the majority of which derives from transfers from the General Fund to the Utility Fund. This practice is not used in this rate study for Fiscal Year 2023 through Fiscal Year 2030. The forecast of revenues projected herein assumes that existing rates will be maintained throughout the forecast period.

IMPACT FEES

In parallel with this Water and Wastewater Rate Study, Freese and Nichols performed a Water and Wastewater Impact Fee Study, to update the City's water and wastewater impact fees. A maximum allowable impact fee of $4,818 per service unit for water and $14,221 per service unit for wastewater was calculated. The City decided to implement 50 percent of the maximum allowable impact fee, resulting in a new impact fee rate of $2,409 per service unit for water and $7,111 per service unit for wastewater. Based on the projected growth in new connections, this new impact fee is estimated to collect roughly $1.7 million in Fiscal Year 2022, growing to a maximum of roughly $4.8 million in Fiscal Year 2026 and 2027, and roughly $2.5 million in Fiscal Year 2030.

EXPENSES

Expenses include operating and maintenance expenses, transfers, debt service obligations, capital projects cash funded from Utility System revenues and cash reserve funding. Operating and maintenance expenses include the costs of labor, materials, power, chemicals, salaries, and other expenses associated with the utility's operations.

Total expenses for the water utility are projected to be $816,423 for the water system and $2,468,760 for the wastewater system in Fiscal Year 2022. Expenses in Fiscal Year 2022 are anomalously high due to a one-year practice of funding capital improvements via capital outlay versus debt service. Total expenses are projected to increase to $2,732,560 for the water system and $3,026,090 for the wastewater system in Fiscal Year 2030. The increases for both systems come partially from inflation, cost of materials, and the cost of fuel, but principally from the principal and interest payments associated with a growing Capital Improvements Program.

The debt service payments are calculated for both the total issuance, as well as the amount of issuance paid for by rates. For the purposes of this rate study, only the portion of debt service payments associated with rates is accounted for. Annual debt payments associated with rates will be $263,008 for the water system and $740,678 for the wastewater system in Fiscal Year 2023, growing to $1,613,306 for the water system and $1,886,994 for the wastewater system in Fiscal Year 2030.

A cash reserve fund balance of $1-2 million from revenues generated from operations is targeted annually for the combined Utility System.

PROPOSED WATER AND WASTEWATER RATE ADJUSTMENTS

Based upon the analysis, revenues generated under existing rates by the Utility System are not sufficient to fund the Utility System's obligations. The proposed rate plan meets all the forecasted Utility System revenue requirements, fulfills the bond coverage requirement and maintains adequate cash balances of the Utility System. The following sections of this report provide a detailed summary of the Utility System's financial forecast.

An analysis of projected revenues and revenue requirements for the Utility System was conducted to determine the adequacy of existing rates. The illustration below summarizes the projected annual revenue increases required over the next nine years to meet future revenue requirements, to maintain and improve Utility System infrastructure, to maintain adequate debt service coverage ratios, and maintain adequate cash reserves to improve the financial condition of the Utility System.

Table ES-1: Indicated Required Revenue Increases

Year	Combined Base	Combined Volumetric	Combined Overall
2022	0.0%	0.0%	0.0%
2023	13.4%	30.0%	17.3%
2024	14.9%	28.5%	18.1%
2025	6.3%	13.5%	8.0%
2026	2.7%	5.0%	3.2%
2027	8.1%	12.5%	9.1%
2028	4.6%	10.0%	5.9%
2029	4.6%	10.0%	5.9%
2030	9.2%	25.0%	12.9%

ADDITIONAL RECOMMENDATIONS

Listed below are the general recommendations associated with the analysis performed herein:

1. The City of Manvel staff should prepare the documents necessary to obtain approval of the proposed financial plan and water and wastewater rates.
2. The City should continue to closely monitor its non-revenue water through audits, identification of leaks, and other appropriate measures.
3. The City should establish an Outside City Limits rate of 1.5 times the Inside City Limits rate.
4. The City should establish a policy on requirements to connect after service becomes available for existing development.
5. The City should update this rate study on an on-going basis. It should be updated sooner if there are significant changes in the assumptions presented in this study, such as timing of the CIP projects.

1.0 WATER AND WASTEWATER SYSTEM

1.1 GENERAL DESCRIPTION

The City of Manvel (City) is located on Highway 6 west of State Highway (SH) 288, in northern Brazoria County, Texas. The City currently provides water service to over 1,000 connections, and wastewater service to over 1,000 connections as well. The City is experiencing rapid growth, and this Water and Wastewater Rate Study assumes an initial growth in connections of roughly 40 percent per year, stabilizing at roughly 5 percent per year by Fiscal Year 2030.

The City of Manvel's existing water infrastructure consists of the School Road Water Plant and associated pumps, water supply wells, and transmission and distribution pipelines. The City relies entirely on groundwater from the Gulf Coast Aquifer System. The City holds four groundwater well permits from the Brazoria County Groundwater Conservation District.

The City of Manvel's existing wastewater collection system consisting of eight (8) lift stations and associated force mains, a network of manholes and gravity mains, and one wastewater treatment plant (WWTP).

The City's water and wastewater customer base includes residential, commercial, and irrigation users. Water and sewer sales revenue is primarily supported by residential base charges, accounting for roughly two-thirds of total water sales revenue and nearly three-quarters of total wastewater sales revenue. Breakdowns of water and wastewater sales revenues by customer class are provided in **Figure 1-1** and **Figure 1-2**, respectively.

A review of Fiscal Year 2016 through Fiscal Year 2020 historical financial and billing data provided by the City showed the following general patterns:

- The combined water and wastewater expenses have averaged $930,000 (including depreciation and transfers to the General Fund). Without depreciation and transfers, the average for that period is $790,000.
- The combined water and wastewater revenue has averaged $750,000.

1.2 PROJECTED WATER NEEDS AND WASTEWATER FLOWS

Table 1-1 shows projected water and wastewater connections, and metered water and wastewater billed volumes for Manvel. These projections are based on input from City staff. These projections are for an average year. Water use will tend to be more in dry years and less in wet years. **Figure 1-3** shows the historical and projected number of water and wastewater connections.

Review of historical water production in comparison to historical water billed volumes revealed substantial fluctuations in non-revenue water (both positive and negative). Values of non-revenue water above 12 percent are considered high for a retail water supplier. However, not all this non-revenue water is unaccounted for water. Some is used for authorized, beneficial purposes such as fire flow, line flushing, and irrigating city facilities, such as parks. Currently the city estimates the amount used for these purposes. To the extent possible, FNI recommends that the City meter as much of its unbilled authorized usage as feasible, particularly irrigation of City facilities. This will enable the City to better track how much water is actually being lost through leaks in the system. The City should continue to monitor non-revenue water and perform detailed water audits and seek to further reduce non-revenue water, unaccounted for water usage. The City should also audit its water production data, to ensure more accurate estimates of what is coming into the system.

Table 1-1: Projected Connections, and Water and Wastewater Billed Volume (including base)

Fiscal Year	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Water Connections	1,368	1,910	2,130	2,453	2,777	3,192	3,422	3,588	3,752	3,918
Wastewater Connections	1,326	1,864	2,080	2,399	2,718	3,127	3,352	3,511	3,668	3,827
Water Billed Volume (MG)	93	129	144	166	188	216	232	243	254	265
Wastewater Billed Volume (MG)	93	129	144	166	188	216	232	243	254	265

Figure 1-1: Historical Water Sales Revenues, by Customer Class

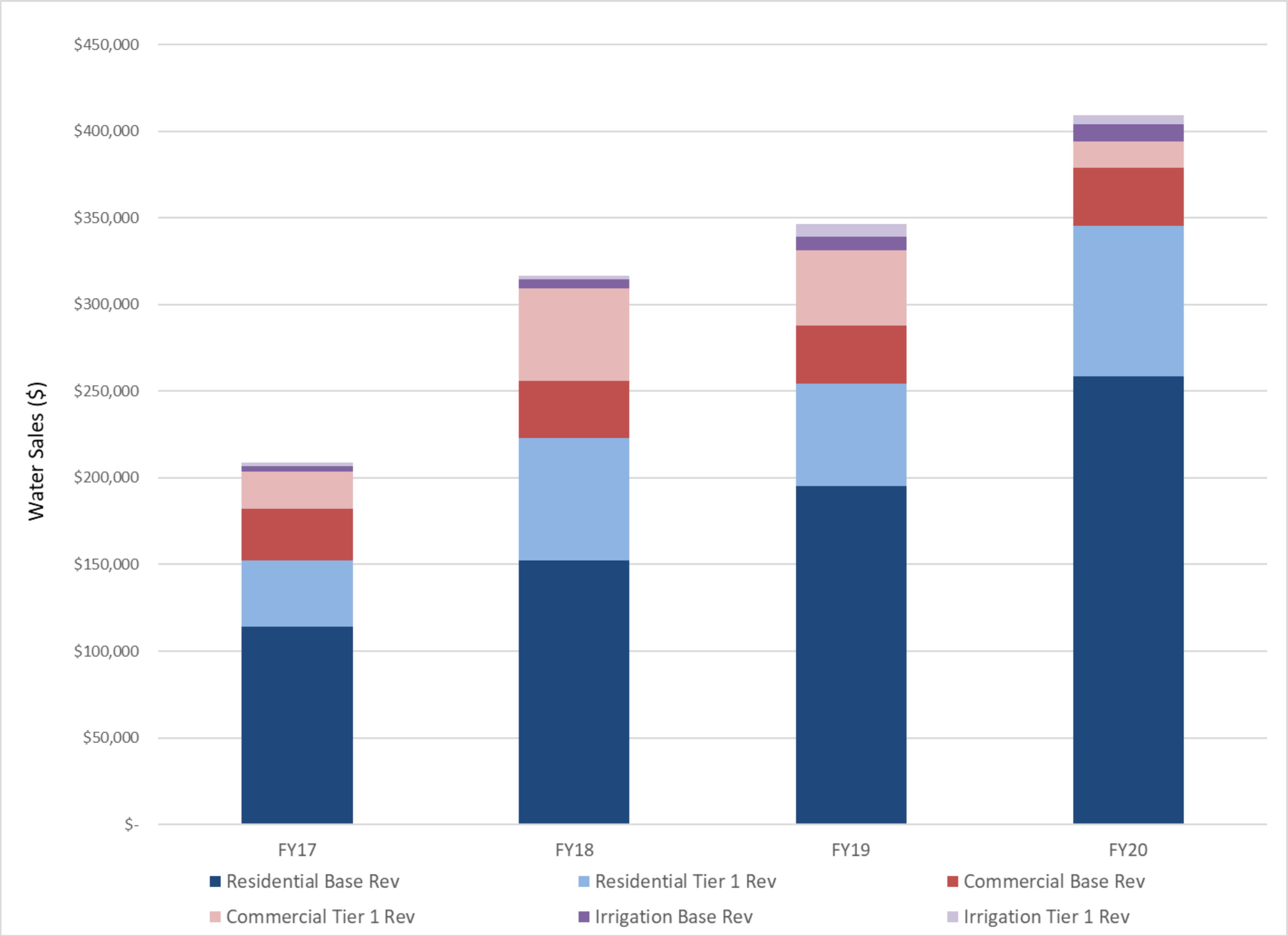


Figure 1-2: Historical Wastewater Sales Revenues, by Customer Class

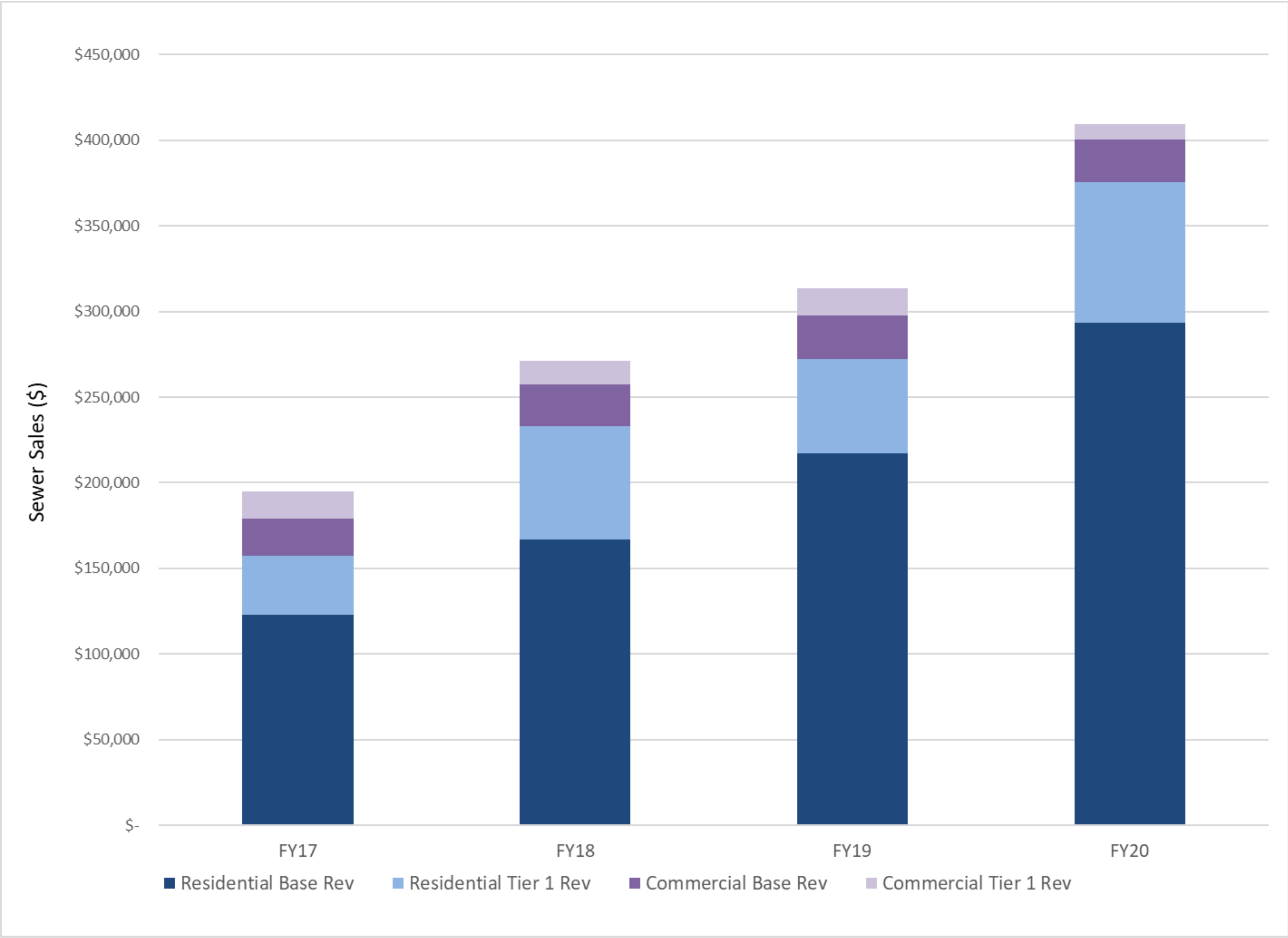
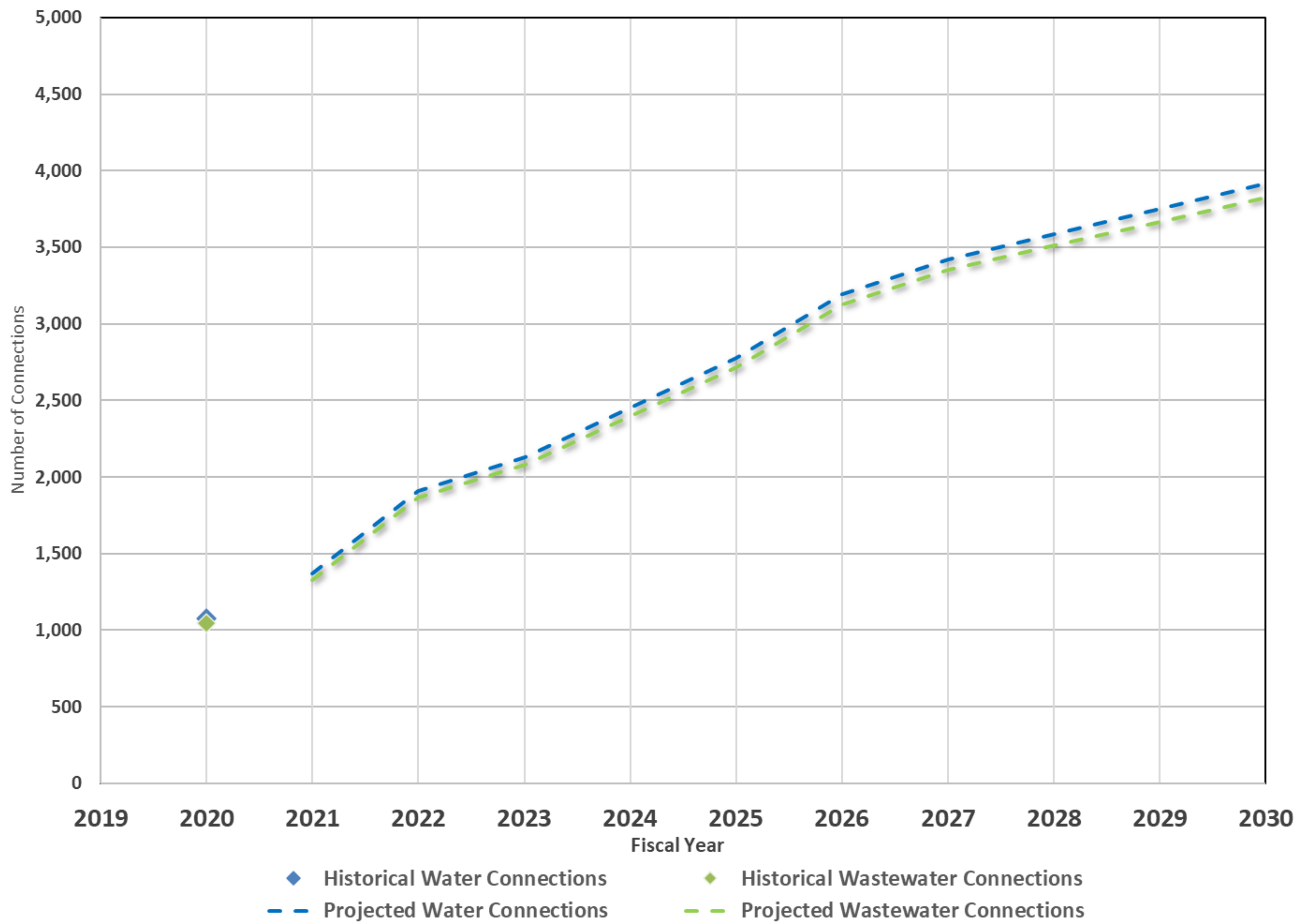


Figure 1-3: Historical and Projected Connections



2.0 HISTORICAL REVENUES AND EXPENSES

2.1 HISTORICAL REVENUES

Table 2-1 shows the historical revenues for the water and wastewater fund over the last four complete years (Fiscal Year 2016 – Fiscal Year 2020), as well as the budgeted revenues for Fiscal Year 2021. During this time, the City did not increase water or wastewater volumetric or base charges. Current rates as of September 2021 are shown in **Table 2-2.** Annual revenue from sales has averaged approximately $531,000 over the previous four years, with total revenues (including transfers from the General Fund) averaging approximately $745,000 over the same period. Over that time, water sales revenue made up on average approximately 50 percent of all sales revenue, and wastewater sales revenue made up on average approximately 50 percent.

2.2 HISTORICAL EXPENSES

Table 2-3 shows a summary of the historical expenses by major department. The annual expenses have averaged $930,000. Historically, Water Expenditures make up on average approximately 50 percent of all expenses, followed by Administration Expenditures at 31 percent and Wastewater Expenditures at 19 percent. **Appendix Table A-1** provides a breakdown of historical expenses by line item.

2.3 COMPARISON OF HISTORICAL REVENUE AND EXPENSES

Figure 2-1 compares the historical revenue and expenses for the water and wastewater fund. The figure shows that in Fiscal Year 2016 through Fiscal Year 2020, expenses exceeded revenue (deficit), before taking into account the transfers from the General Fund.

Table 2-1: Historical Revenue for the Water and Wastewater Fund

Category	Historical				
	2015-2016	2016-17	2017-18	2018-19	2019-20
Utility Revenue (to include Sales)	$438,389	$456,564	$588,268	$702,040	$869,137
Interest Revenue	$382	$0	$1,464	$335	$0
Other Revenue	$31,221	$68,658	$79,565	$18,379	$191
Transfers-In Revenue	$400	$98,426	$57	$375,000	$0
TOTAL REVENUE	**$470,393**	**$623,648**	**$669,354**	**$1,095,755**	**$869,328**

Table 2-2: Current City of Manvel Monthly Water & Wastewater Rates

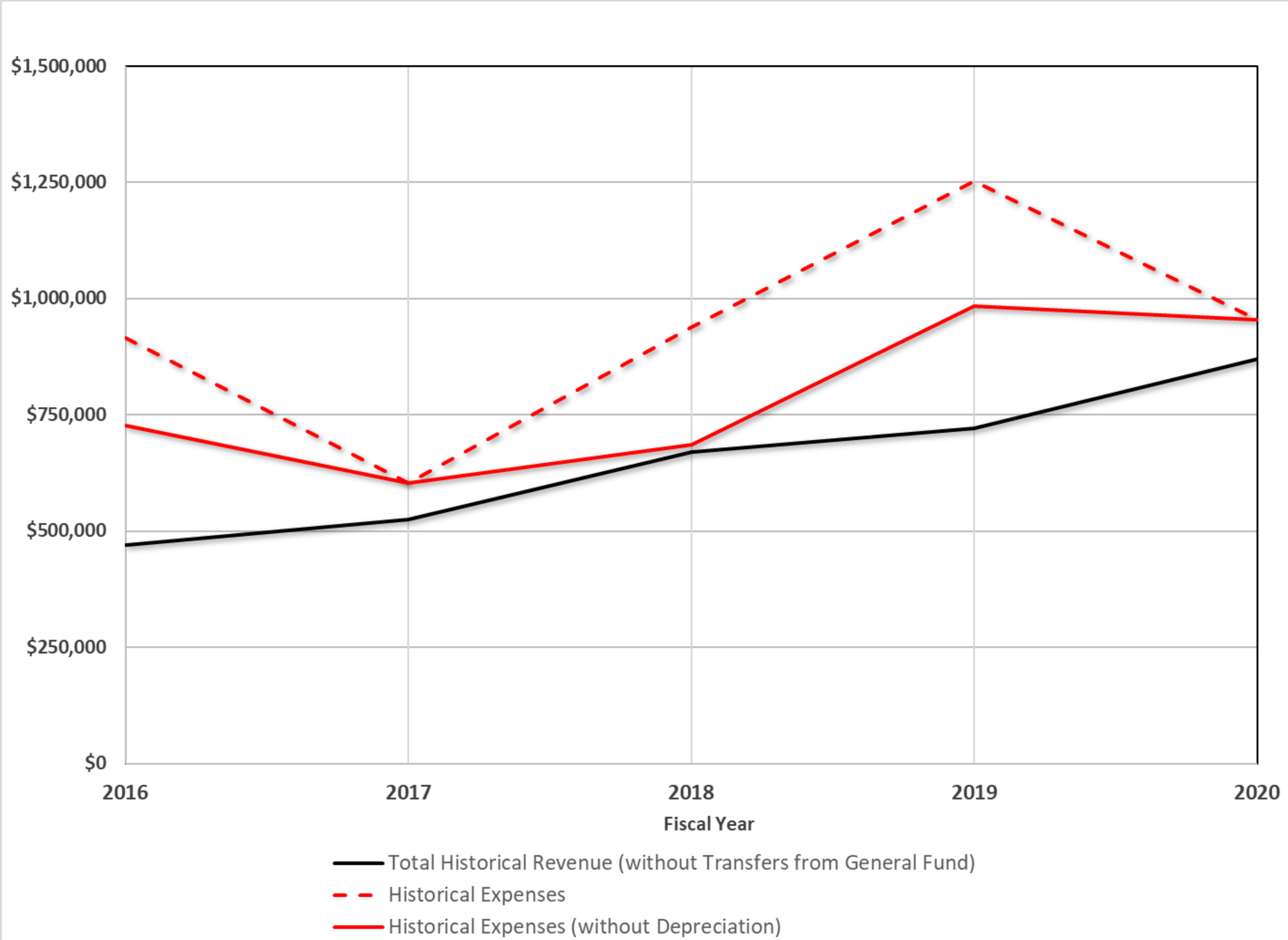
Current Water Rates		
Residential		
Service Charge (includes 2,000 gallons)	$25.00	
Volume Charge (2,001 gallons and above)	$2.00	Per 1,000 gallons
Commercial/Irrigation		
Service Charge (includes 2,000 gallons)	$30.00	
Volume Charge (2,001 gallons and above)	$2.00	Per 1,000 gallons
Current Wastewater Rates		
Residential		
Service Charge (includes 2,000 gallons)	$30.00	
Volume Charge (2,001 – 20,000 gallons*)	$2.00	Per 1,000 gallons
Commercial		
Service Charge (includes 2,000 gallons)	$35.00	
Volume Charge (2,001 – 20,000 gallons*)	$2.00	Per 1,000 gallons

**No charge on Wastewater above 20,000 gallons*

Table 2-3: Historical Expenses for the Water and Wastewater Fund, by Department

Department	Historical				
	2015-2016	2016-17	2017-18	2018-19	2019-20
Administration Expenses	$342,491	$246,462	$274,339	$336,797	$251,307
Water Expenses	$522,443	$331,529	$565,076	$636,195	$284,445
Wastewater Expenses	$50,401	$24,348	$99,681	$278,990	$419,334
Non-Departmental Expenses	$0	$0	$0	$0	$0
Total Operating Expenses	**$915,335**	**$602,338**	**$939,096**	**$1,251,982**	**$995,086**
Total Revenue from Table 2-1	**$470,393**	**$623,648**	**$669,354**	**$1,095,755**	**$869,328**
Deficit (-) or Surplus (+)	**-$444,942**	**$21,310**	**-$269,742**	**-$156,228**	**-$85,757**

Figure 2-1: Historical Water and Wastewater Revenue and Expenses



3.0 WATER AND WASTEWATER FUND RATE ANALYSIS

3.1 PROJECTED REVENUES AT CURRENT RATES

Table 3-1 shows projected revenues at current rates for the water and wastewater fund. Without impact fees, projected total revenue (to include non-sales revenue) for Fiscal Year 2022 is approximately $3.3 million. A large portion of those revenues is derived from a one-time transfer from the General Fund, a practice which is not used in Fiscal Year 2023 through Fiscal Year 2030. With impact fees, projected total revenue (to include non-sales revenue) for Fiscal Year 2022 is approximately $5.0 million. If held to current rates, revenue is anticipated to increase by the same trend in increased connections and water/wastewater use. **Figure 3-1** shows the historical water and wastewater revenues and projected revenues at current rates. This figure does not include any revenues associated with impact fees. Volumetric sales and other operating revenues increase by the growth in number of connections and therefore, the corresponding consumption volume. Base sales revenues increase by the growth factor for number of connections. Other non-operating revenues are held constant at the Fiscal Year 2021 budget amount, with the exception of the one-time transfer from the General Fund in Fiscal Year 2022.

3.2 PROJECTED EXPENSES

Table 3-2 is a summary by major category of the projected expenses for the water and wastewater fund**.** **Appendix Table A-1** details the projected expenses by department and line item, as well as the basis for those projections. Projected expenses for Fiscal Year 2022 are roughly $3.3 million, largely derived from a one-time capital outlay expense. In future years, O&M expenses (not including debt service) are projected to increase at a modest rate, primarily due to inflation and other escalators.

Over the next 10 years, the City is anticipated to undertake approximately $84 million (2021 dollars) in improvements to its water and wastewater system. Approximately $37 million of this capital program will be paid for with rates. This study assumes the capital improvements are programmed in debt issuances every year between Fiscal Year 2022 and Fiscal Year 2027, and a small issuance in Fiscal Year 2030. On average, approximately 70 percent of the funds will be for wastewater projects and 30 percent for water projects. These improvements are necessary to provide for future growth, replace aging infrastructure, maintain reliable service, keep facilities in compliance with new regulations, and improve efficiency. Debt service payments for each year’s bond issuance were calculated using an interest rate of 3 percent, 30-year repayment terms, and a yearly inflation rate of 4 percent applied to the present-day capital cost of

CIP projects that will be constructed in future years. A debt service coverage requirement of 1.25 was assumed for both the water fund and the wastewater fund. **Appendix Table A-2** identifies the timing of future debt service issuances paid for with rates (in 2021 dollars), and **Appendix Table A-3** calculates the annual payments for the rate portion of those future debt service issuances. Figure 3-2 shows the historical and projected expenses for the water and wastewater fund, taking into account the rate portion only of debt service payments. **Table 3-1** depicts the total projected revenue, with and without impact fees. **Table 3-2** depicts the total projected expenses, with only the rate portion of debt service payments. At current rates, without impact fee revenues and only taking into account the rate portion of debt service payments, expenses exceed revenues in Fiscal Year 2023 by roughly $200,000, increasing to roughly $2.3 million by Fiscal Year 2030. **Figure 3-3** compares projected expenses and revenues (at current rates).

Table 3-1: Projected Revenue at Current Rates for the Water and Wastewater Fund

Category	Budget	Projected								
	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Utility Revenue (to include Sales)	*$780,000*	$1,819,291	$2,030,102	$2,339,309	$2,648,781	$3,044,306	$3,268,879	$3,426,820	$3,583,107	$3,741,825
Other Revenue	*$5,000*	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000	$5,000
Transfers-In Revenue	*$319,580*	$1,465,892	$0	$0	$0	$0	$0	$0	$0	$0
TOTAL REVENUE (without impact fee)	***$1,104,580***	**$3,290,183**	**$2,035,102**	**$2,344,309**	**$2,653,781**	**$3,049,306**	**$3,273,879**	**$3,431,820**	**$3,588,107**	**$3,746,825**
Impact Fee Revenue (50%)		$1,665,913	$2,732,097	$4,007,710	$4,007,710	$4,864,465	$4,864,465	$2,484,590	$2,475,070	$2,484,590
TOTAL REVENUE (with impact fee at 50%)	***$1,104,580***	**$4,956,096**	**$4,767,198**	**$6,352,018**	**$6,661,490**	**$7,913,770**	**$8,138,344**	**$5,916,410**	**$6,063,177**	**$6,231,415**

Figure 3-1: Historical and Projected Water and Wastewater Revenue (not including impact fees)

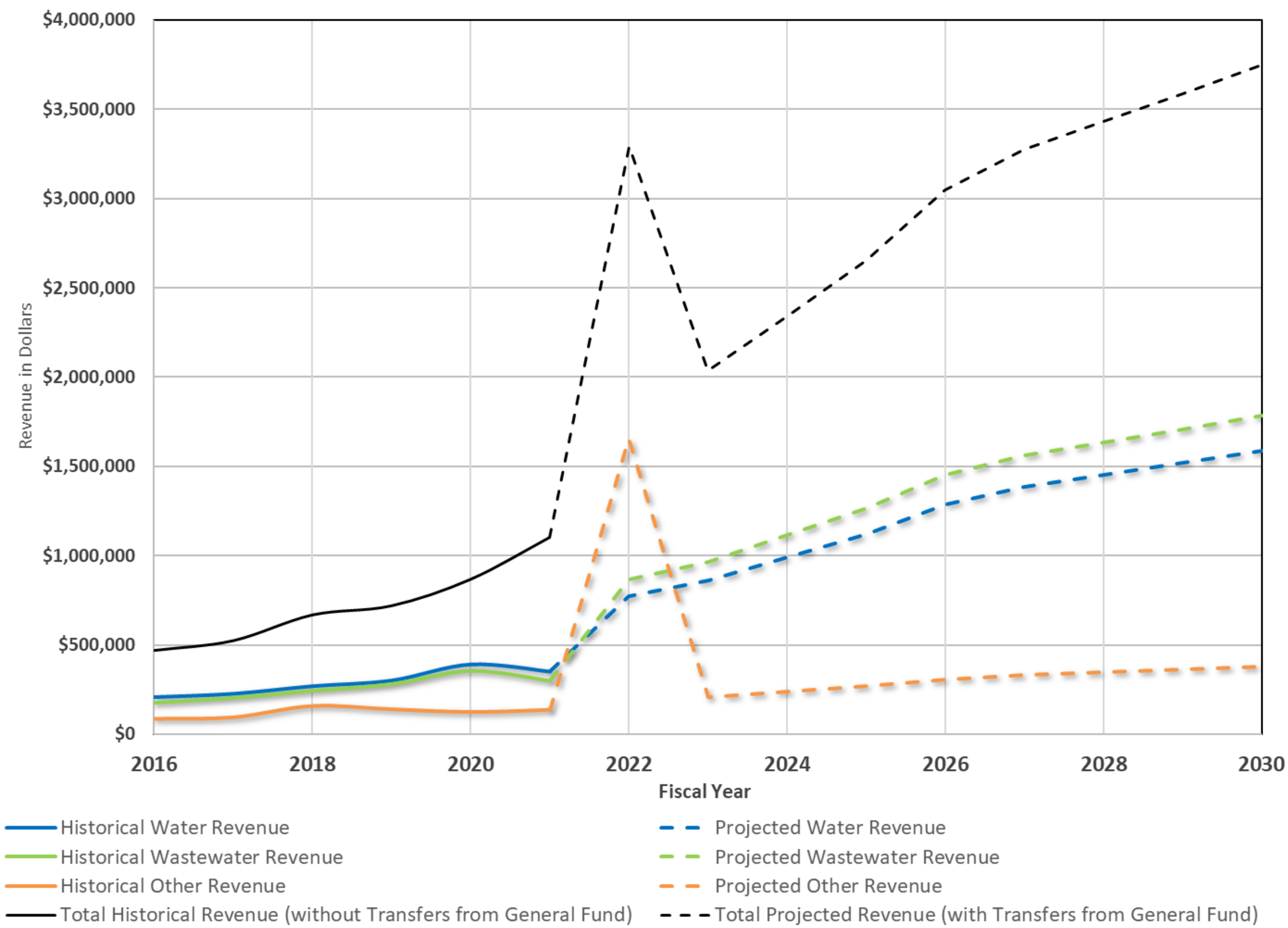


Table 3-2: Projected Expenses for the Water and Wastewater Fund, by Department

Department	Budget	Projected								
	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Water Utility										
Administrative	*$233,790*	$240,804	$248,030	$255,471	$362,137	$370,031	$427,663	$436,038	$444,666	$453,551
Operational	*$365,000*	$575,619	$425,589	$461,925	$503,137	$549,993	$603,390	$664,376	$734,170	$814,203
Non-Departmental	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0
Planned Debt Service – Rate Portion	*$0*	$0	$263,008	$580,978	$739,280	$855,331	$855,331	$859,663	$980,915	$1,613,306
TOTAL WATER	***$598,790***	**$816,423**	**$936,627**	**$1,298,374**	**$1,604,554**	**$1,775,355**	**$1,886,384**	**$1,960,077**	**$2,159,751**	**$2,881,060**
Wastewater Utility										
Administrative	*$233,790*	$240,804	$248,030	$255,471	$362,137	$370,031	$427,663	$436,038	$444,666	$453,551
Operational	*$272,000*	$2,227,956	$320,945	$350,430	$814,503	$902,897	$946,502	$776,091	$805,471	$834,046
Non-Departmental	*$0*	$0	$0	$0	$0	$0	$0	$0	$0	$0
Planned Debt Service – Rate Portion	*$0*	$0	$740,678	$871,360	$1,050,860	$1,173,840	$1,874,348	$1,874,348	$1,874,348	$1,886,994
TOTAL WASTEWATER	***$505,790***	**$2,468,760**	**$1,309,653**	**$1,477,261**	**$2,227,499**	**$2,446,768**	**$3,248,513**	**$3,086,477**	**$3,124,484**	**$3,174,590**
Total Operating Expenses	***$1,104,580***	**$3,285,183**	**$2,246,279**	**$2,775,635**	**$3,832,053**	**$4,222,123**	**$5,134,897**	**$5,046,554**	**$5,284,235**	**$6,055,650**

Figure 3-2: Historical and Projected Water and Wastewater Expenses

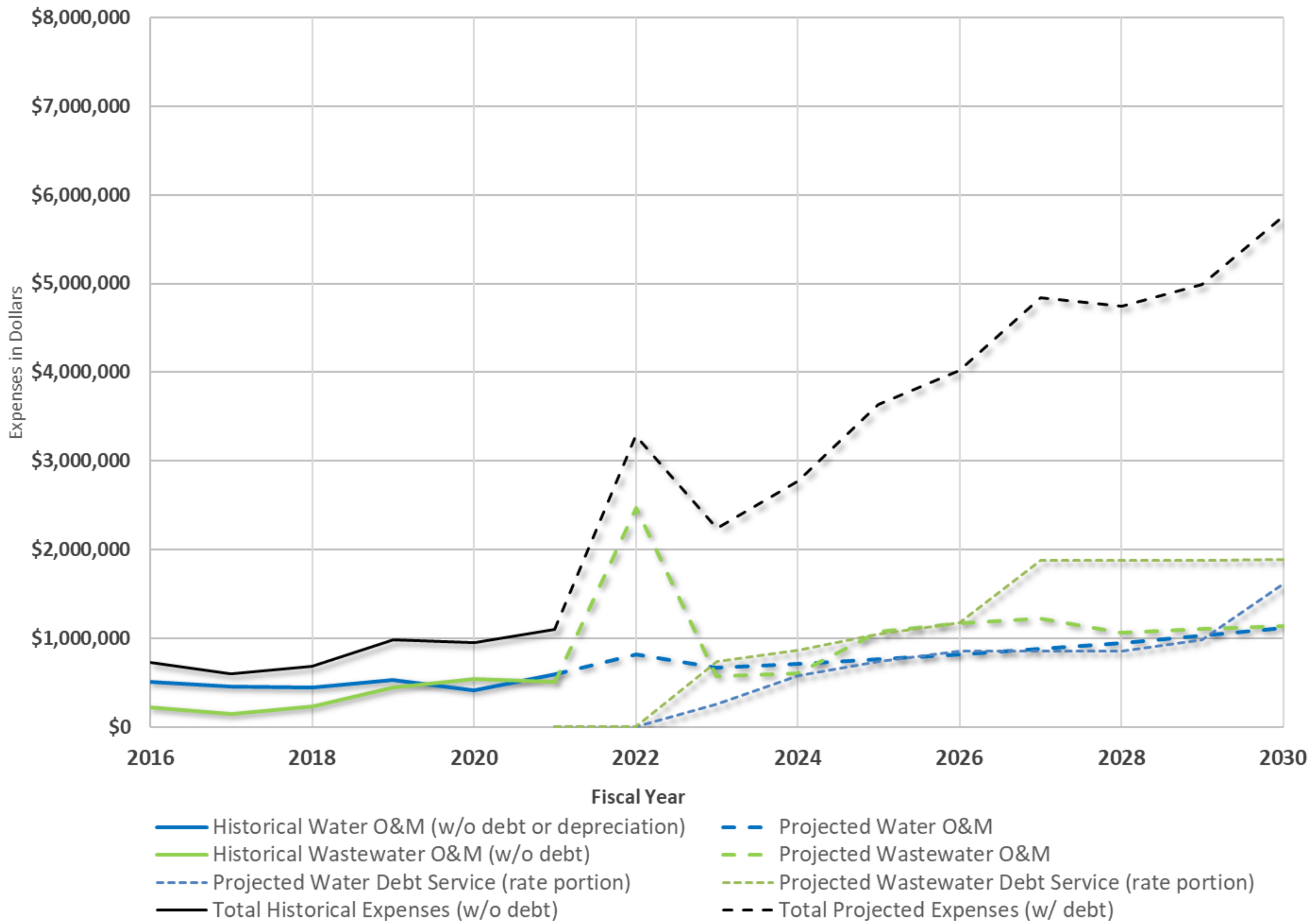
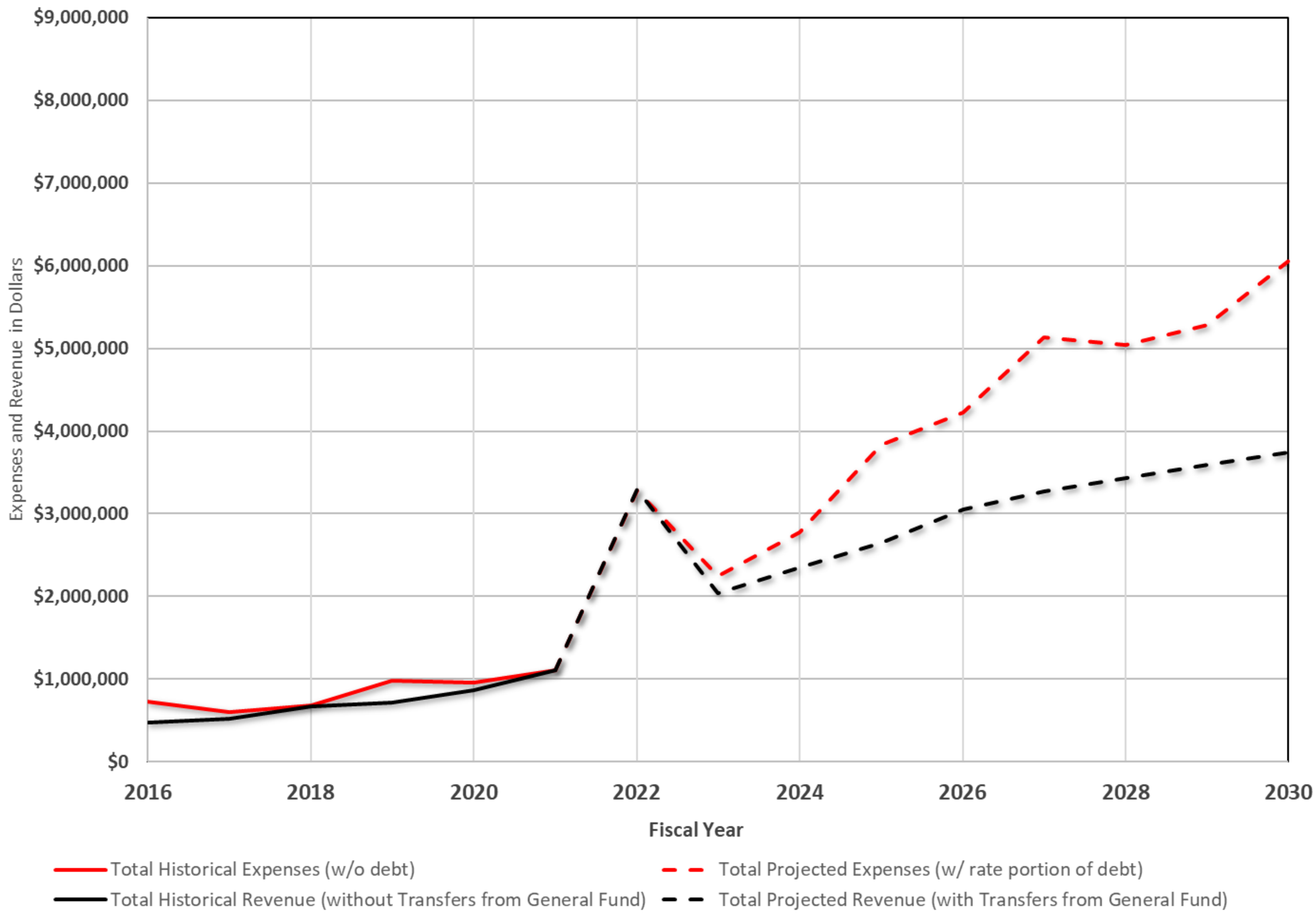


Figure 3-3: Historical and Projected Water and Wastewater Expenses (with rate portion of future Debt Service) and Revenue (at current rates)



4.0 RATE DESIGN

The schedule of proposed water rates has been designed toward implementing rate adjustments that meet the City's goals and objectives. Generally, the proposed rates have been designed to limit increases in the current service availability charge levels and to increase the volume charges for water consumption where necessary.

The schedule of proposed rates is designed following the same general form of rate structure as the existing water rates, which consist of a schedule of service availability charges and volume charges. The proposed service availability charge is designed to recover a portion of customer billing and collection costs, customer meter and service-related costs, and provision for a readiness-to-serve component. The schedule of volume charges have been designed to recover a portion of those costs related to supplying customers with water to meet their average and peak rates of use.

5.0 SUMMARY OF RATE RECOMMENDATIONS

The recommendations for water and wastewater rates and projected rate increases are summarized below in **Table 5-1.** Pro forma statements for the combined utility, wastewater fund, and water fund are found in **Appendix Table A-4** through **Table A-6,** respectively.

Table 5-1: Rate Adjustment Summary

Year	Combined Base	Combined Volumetric	Combined Overall
2022	0.0%	0.0%	0.0%
2023	13.4%	30.0%	17.3%
2024	14.9%	28.5%	18.1%
2025	6.3%	13.5%	8.0%
2026	2.7%	5.0%	3.2%
2027	8.1%	12.5%	9.1%
2028	4.6%	10.0%	5.9%
2029	4.6%	10.0%	5.9%
2030	9.2%	25.0%	12.9%

Table 5-1 through **Table 5-4** identify the specific rates recommended as a result of the rate study, by customer class. These rate adjustments are projected to provide sufficient revenue through Fiscal Year 2030 while maintaining a 1.25 debt service coverage ratio for both the water fund and the wastewater fund, and maintaining stable operating cash balances. Projected rate increases should be examined annually in light of future growth, revenues and system expenses.

Other Recommendations

1. The City of Manvel staff should prepare the documents necessary to obtain approval of the proposed financial plan and water and wastewater rates.
2. The City should continue to closely monitor its non-revenue water through audits, identification of leaks, and other appropriate measures.
3. The City should establish an Outside City Limits rate of 1.5 times the Inside City Limits rate.
4. The City should establish a policy on requirements to connect after service becomes available for existing development.
5. The City should update this rate study on an on-going basis. It should be done sooner if there are significant changes in the assumptions presented in this study, such as timing of the CIP projects.

Table 5-2: Residential Rate Adjustments Needed

Inside City Limits	Projected									
	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Base % Rate Increase (from Table 5-1)			13.4%	14.9%	6.3%	2.7%	8.1%	4.6%	4.6%	9.2%
Volumetric % Rate Increase (from Table 5-1)			30.0%	28.5%	13.5%	5.0%	12.5%	10.0%	10.0%	25.0%

Residential											
Water Monthly Fees		**2020-21**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**2028-29**	**2029-30**
Base or Volumetric	**Unit**	**Fee**									
Base	First 2,000 gallons	$25.00	$25.00	$28.36	$32.59	$34.65	$35.58	$38.46	$40.24	$42.09	$45.98
Volumetric	per thousand gallons	$2.00	$2.00	$2.60	$3.34	$3.79	$3.98	$4.48	$4.93	$5.42	$6.78
Wastewater Monthly Fees		**2020-21**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**2028-29**	**2029-30**
Base or Volumetric	**Unit**	**Fee**									
Base	First 2,000 gallons	$30.00	$30.00	$34.03	$39.11	$41.58	$42.70	$46.15	$48.28	$50.51	$55.18
Volumetric	per thousand gallons	$2.00	$2.00	$2.60	$3.34	$3.79	$3.98	$4.48	$4.93	$5.42	$6.78

Outside City Limits	Projected									
	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Base % Rate Increase (from Table 5-1)			13.4%	14.9%	6.3%	2.7%	8.1%	4.6%	4.6%	9.2%
Volumetric % Rate Increase (from Table 5-1)			30.0%	28.5%	13.5%	5.0%	12.5%	10.0%	10.0%	25.0%

Residential											
Water Monthly Fees		**2020-21**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**2028-29**	**2029-30**
Base or Volumetric	**Unit**	**Fee**									
Base	First 2,000 gallons	$37.50	$37.50	$42.54	$48.89	$51.98	$53.38	$57.69	$60.35	$63.14	$68.98
Volumetric	per thousand gallons	$3.00	$3.00	$3.90	$5.01	$5.69	$5.97	$6.72	$7.39	$8.13	$10.16
Wastewater Monthly Fees		**2020-21**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**2028-29**	**2029-30**
Base or Volumetric	**Unit**	**Fee**									
Base	First 2,000 gallons	$45.00	$45.00	$51.05	$58.67	$62.37	$64.05	$69.23	$72.42	$75.77	$82.77
Volumetric	per thousand gallons	$3.00	$3.00	$3.90	$5.01	$5.69	$5.97	$6.72	$7.39	$8.13	$10.16

Table 5-3: Commercial Rate Adjustments Needed

Inside City Limits	Projected									
	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Base % Rate Increase (from Table 5-1)			13.4%	14.9%	6.3%	2.7%	8.1%	4.6%	4.6%	9.2%
Volumetric % Rate Increase (from Table 5-1)			30.0%	28.5%	13.5%	5.0%	12.5%	10.0%	10.0%	25.0%

Commercial											
Water Monthly Fees		**2020-21**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**2028-29**	**2029-30**
Base or Volumetric	**Unit**	**Fee**									
Base	First 2,000 gallons	$30.00	$30.00	$34.03	$39.11	$41.58	$42.70	$46.15	$48.28	$50.51	$55.18
Volumetric	per thousand gallons	$2.00	$2.00	$2.60	$3.34	$3.79	$3.98	$4.48	$4.93	$5.42	$6.78
Wastewater Monthly Fees		**2020-21**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**2028-29**	**2029-30**
Base or Volumetric	**Unit**	**Fee**									
Base	First 2,000 gallons	$35.00	$35.00	$39.71	$45.63	$48.51	$49.82	$53.84	$56.33	$58.93	$64.38
Volumetric	per thousand gallons	$2.00	$2.00	$2.60	$3.34	$3.79	$3.98	$4.48	$4.93	$5.42	$6.78

Outside City Limits	Projected									
	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Base % Rate Increase (from Table 5-1)			13.4%	14.9%	6.3%	2.7%	8.1%	4.6%	4.6%	9.2%
Volumetric % Rate Increase (from Table 5-1)			30.0%	28.5%	13.5%	5.0%	12.5%	10.0%	10.0%	25.0%

Commercial											
Water Monthly Fees		**2020-21**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**2028-29**	**2029-30**
Base or Volumetric	**Unit**	**Fee**									
Base	First 2,000 gallons	$45.00	$45.00	$51.05	$58.67	$62.37	$64.05	$69.23	$72.42	$75.77	$82.77
Volumetric	per thousand gallons	$3.00	$3.00	$3.90	$5.01	$5.69	$5.97	$6.72	$7.39	$8.13	$10.16
Wastewater Monthly Fees		**2020-21**	**2021-22**	**2022-23**	**2023-24**	**2024-25**	**2025-26**	**2026-27**	**2027-28**	**2028-29**	**2029-30**
Base or Volumetric	**Unit**	**Fee**									
Base	First 2,000 gallons	$52.50	$52.50	$59.56	$68.45	$72.77	$74.73	$80.77	$84.49	$88.40	$96.57
Volumetric	per thousand gallons	$3.00	$3.00	$3.90	$5.01	$5.69	$5.97	$6.72	$7.39	$8.13	$10.16

Table 5-4: Irrigation Rate Adjustments Needed

Inside City Limits	Projected									
	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Base % Rate Increase (from Table 5-1)			13.4%	14.9%	6.3%	2.7%	8.1%	4.6%	4.6%	9.2%
Volumetric % Rate Increase (from Table 5-1)			30.0%	28.5%	13.5%	5.0%	12.5%	10.0%	10.0%	25.0%

Irrigation											
Water Monthly Fees		2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Base or Volumetric	Unit	Fee									
Base	First 2,000 gallons	$30.00	$30.00	$34.03	$39.11	$41.58	$42.70	$46.15	$48.28	$50.51	$55.18
Volumetric	per thousand gallons	$2.00	$2.00	$2.60	$3.34	$3.79	$3.98	$4.48	$4.93	$5.42	$6.78

Outside City Limits	Projected									
	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Base % Rate Increase (from Table 5-1)			13.4%	14.9%	6.3%	2.7%	8.1%	4.6%	4.6%	9.2%
Volumetric % Rate Increase (from Table 5-1)			30.0%	28.5%	13.5%	5.0%	12.5%	10.0%	10.0%	25.0%

Irrigation											
Water Monthly Fees		2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Base or Volumetric	Unit	Fee									
Base	First 2,000 gallons	$45.00	$45.00	$51.05	$58.67	$62.37	$64.05	$69.23	$72.42	$75.77	$82.77
Volumetric	per thousand gallons	$3.00	$3.00	$3.90	$5.01	$5.69	$5.97	$6.72	$7.39	$8.13	$10.16

6.0 COMPARISON TO NEARBY CITIES

Table 6-1 shows the monthly cost for residential water and wastewater service for use of 5,000 gallons for Manvel and other nearby cities, while **Table 6-2** shows the same for 10,000 gallons. The costs for water and wastewater services are based on information found on the cities' websites as of November 2021.

Figure 6-1 shows the comparison of costs for 5,000 gallons of water and wastewater service for a typical residential customer inside city limits, while **Figure 6-2** shows the same for 10,000 gallons. At its current rates, Manvel has the fifth lowest total water and wastewater cost out of eight area cities surveyed for the cost of 5,000 gallons, and has the second lowest for 10,000 gallons.

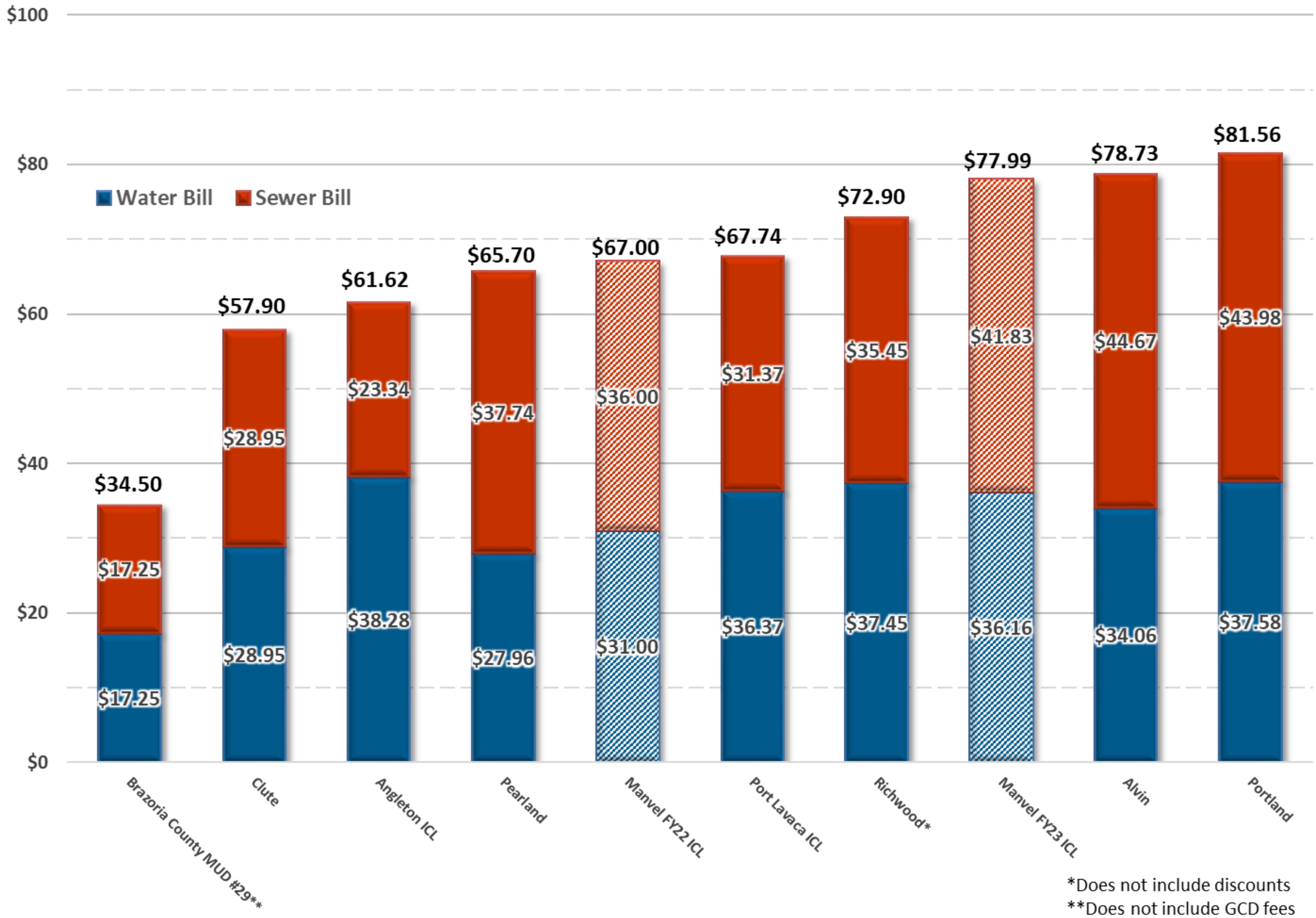
Table 6-1: Residential Water and Wastewater Rate Comparison to Nearby Cities

City	5,000 Gallons/month		
	Water	Wastewater	Total
Brazoria County MUD #29	$17.25	$17.25	$34.50
Clute	$28.95	$28.95	$57.60
Angleton ICL	$38.28	$23.34	$61.62
Pearland	$27.96	$37.74	$65.70
Manvel FY21	$31.00	$36.00	$67.00
Port Lavaca ICL	$36.37	$31.37	$67.74
Richwood	$37.45	$35.45	$72.90
Alvin	$34.06	$44.67	$78.73
Portland	$37.58	$43.98	$81.56

Table 6-2: Residential Water and Wastewater Rate Comparison to Nearby Cities

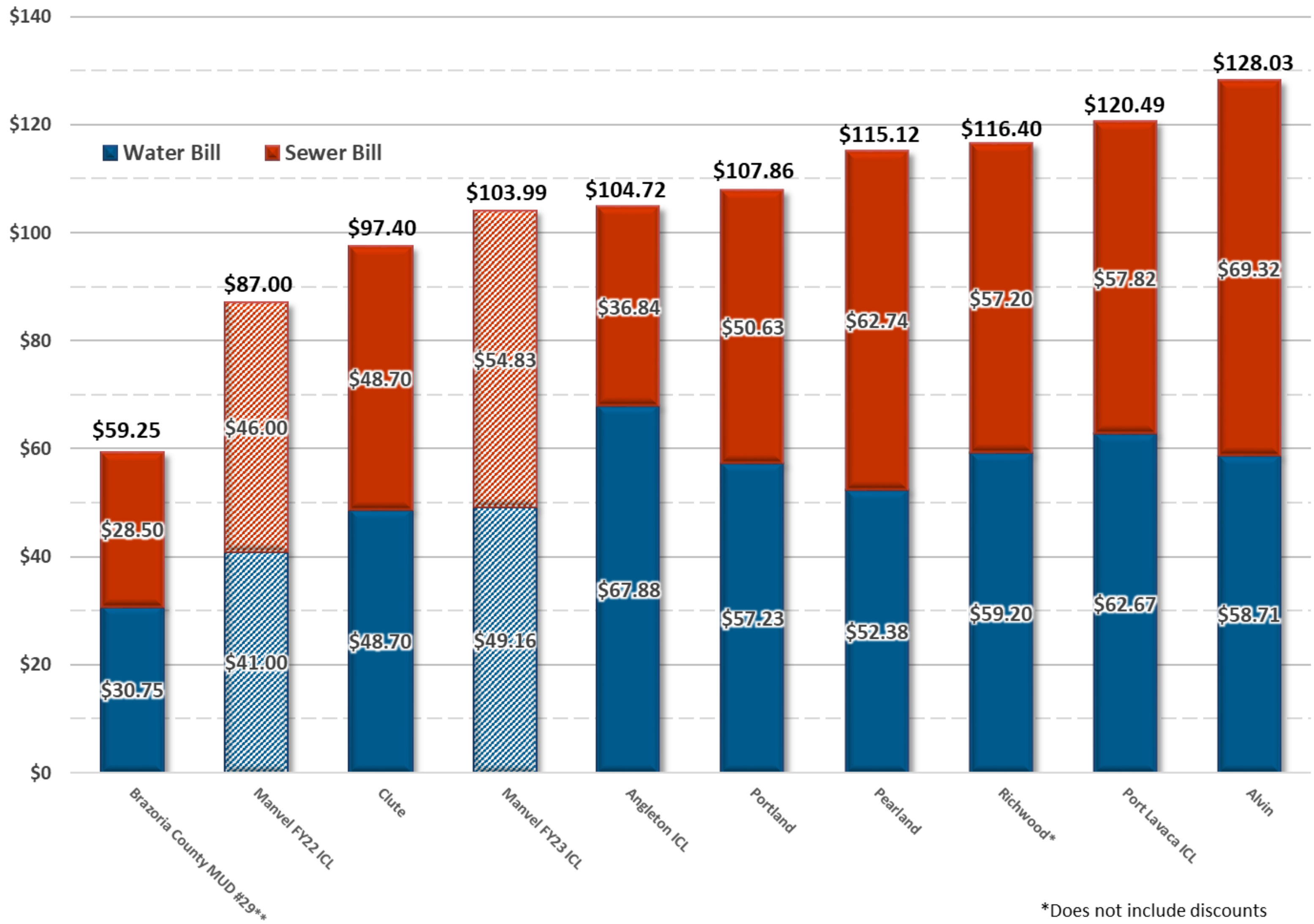
City	10,000 Gallons/month		
	Water	Wastewater	Total
Brazoria County MUD #29	$30.75	$28.50	$59.25
Manvel FY 2021	$41.00	$46.00	$87.00
Clute	$48.70	$48.70	$97.40
Angleton ICL	$67.88	$36.84	$104.72
Portland	$57.23	$50.63	$107.86
Pearland	$52.38	$62.74	$115.12
Richwood	$59.20	$57.20	$116.40
Port Lavaca ICL	$62.67	$57.82	$120.49
Alvin	$58.71	$69.32	$128.03

Figure 6-1: Residential Water and Wastewater Rate Comparison with Other Cities, Monthly Bill (5,000 gallons)



*Does not include discounts
**Does not include GCD fees

Figure 6-2: Residential Water and Wastewater Rate Comparison with Other Cities, Monthly Bill (10,000 gallons)



*Does not include discounts
**Does not include GCD fees

APPENDIX A

Expenses for Water and Wastewater Fund

Table A-1: Historical Expenses, by Line Item

Historical Expenses by Fiscal Year					
	2015-16	2016-17	2017-18	2018-19	2019-20
Administration					
40-10-5000 Salaries	$72,600	$117,869	$142,989	$159,345	$112,495
40-10-5002 Overtime	$8,763	$10,361	$11,340	$10,975	$949
40-10-5003 Holiday Pay	$3,436	$0	$0	$0	$0
40-10-5004 Taxes, Social Security	$6,392	$0	$0	$0	$0
40-10-5005 Retirement	$4,912	$0	$0	$0	$0
40-10-5006 Longevity	$353	$600	$720	$840	$840
40-10-5007 Part Time Wages	$0	$0	$0	$158	$0
40-10-5010 Taxes, Social Security	$0	$9,098	$10,996	$10,617	$8,290
40-10-5012 TWC	$0	$875	$0	$0	$0
40-10-5030 Health & Life Insurance	$9,608	$19,658	$30,485	$29,506	$16,398
40-10-5031 Vision	$0	$0	$351	$349	$192
40-10-5032 Life & LTD	$0	$0	$655	$713	$402
40-10-5033 Dental	$0	$0	$1,468	$1,586	$818
40-10-5034 Retirement	$0	$14,904	$19,509	$20,834	$12,760
40-10-5035 Cell Phone Allowance	$0	$519	$173	$1,004	$595
40-10-5038 Flex	$0	$0	$92	$152	$57
40-10-5039 Flex Card - Health Ins	$0	$0	$1,167	$1,277	$471
40-10-5040 Workers Compensation	$2,972	-$805	$11,196	$0	$4,502
40-10-5041 Pension Expense	$0	$0	-$8,962	-$4,428	$0
40-10-5201 Contract Services	$3,725	$0	$0	$0	$0
40-10-5202 Mowing & Weed Control	$1,298	$688	$355	$2,301	$0
40-10-5220 Janitorial Supplies & Cleaning	$0	$432	$0	$0	$0
40-10-5222 Postage	$2,363	$2,200	$1,813	$2,567	$2,000
40-10-5225 Fuel	$0	$0	$0	$47	$0
40-10-5230 Office Expense	$880	$1,437	$667	$0	$687

Historical Expenses by Fiscal Year					
	2015-16	2016-17	2017-18	2018-19	2019-20
40-10-5240 Minor Tools & Equipment	$0	$2,282	$0	$12,110	$9,537
40-10-5300 Equipment Rental	$0	$4,577	$3,983	$6,732	$1,123
40-10-5320 Bank/Convenience Charges	$0	$0	$0	$0	$0
40-10-5370 Radio Repairs	$0	$0	$0	$0	$0
40-10-5380 Building Repair & Maintenance	$0	$0	$0	$0	$0
40-10-5418 Employment Testing	$0	$0	$0	$0	$0
40-10-5432 Rental Equipment	$6,265	$0	$0	$0	$0
40-10-5440 Computer Maintenance/Support	$0	$0	$0	$0	$1,442
40-10-5441 Computer Software	$4,160	$7,927	$0	$0	$0
40-10-5445 Telephone	$2,029	$1,179	$0	$303	$0
40-10-5446 Uniforms	$0	$0	$90	$0	$556
40-10-5458 Maintenance Agreements	$0	$0	$0	$0	$0
40-10-5550 Radio Usage	$810	$1,476	$1,476	$1,968	$1,476
40-10-5615 Credit Card Processing Fees	$4,181	$5,937	$8,958	$10,532	$12,294
40-10-5622 Dues & Subscriptions	$0	$0	$0	$0	$0
40-10-5630 Insurance and Bonds	$114	$14,454	$0	$0	$0
40-10-5636 Equipment Repairs/Maintenance	$0	$0	$0	$0	$0
40-10-5638 Vehicle Repairs/Maintenance	$0	$0	$0	$2,204	$0
40-10-5645 Training & Travel	$1,129	$1,807	$307	$2,465	$175
40-10-5650 Mileage	$0	$0	$0	$0	$0
40-10-5655 Other Expenses	$0	$0	$7,772	$0	$0
40-10-5700 Vehicle/Equip Replacement Fees	$4,125	$10,438	$24,149	$62,641	$58,000
40-10-5701 Legal Fees	$0	$0	$0	$0	$0
40-10-5742 Subsidence Fees	$627	$2,155	$0	$0	$0
40-10-5800 Eng/Consulting/Planning Fees	$10,300	$16,394	$2,590	$0	$5,250
40-10-8641 Transfer from	$191,450	$0	$0	$0	$0
40-10-8700 Salary Adjustments	$0	$0	$0	$0	$0

Historical Expenses by Fiscal Year					
	2015-16	2016-17	2017-18	2018-19	2019-20
40-10-8701 Compensation Study Adjustment	$0	$0	$0	$0	$0
Administration Subtotal	**$342,491**	**$246,462**	**$274,339**	**$336,797**	**$251,307**
Water					
40-54-5204 Chemicals	$6,202	$11,530	$9,204	$16,300	$13,514
40-54-5210 Supplies	$0	$0	$0	$0	$0
40-54-5212 Safety Equipment/Supplies	$0	$0	$0	$0	$0
40-54-5222 Postage	$0	$0	$0	$0	$0
40-54-5225 Fuel	$0	$0	$61	$422	$126
40-54-5240 Minor Tools & Equipment	$4,288	$4,828	$2,116	$2,110	$6,701
40-54-5245 Fire Hydrants	$0	$0	$0	$0	$0
40-54-5310 Meter Replacement Program	$11,240	$19,671	$44,567	$114,811	$92,983
40-54-5312 Other Reimbursements	$0	$0	$600	$0	$0
40-54-5325 Utility Billing Charges	$0	$0	$249	$0	$0
40-54-5420 Electricity	$48,961	$66,228	$55,629	$29,055	$26,195
40-54-5421 Electrical Service	$0	$0	$0	$0	$0
40-54-5435 Safety & Water Testing	$0	$0	$0	$0	$0
40-54-5440 Computer Maintenance/Support	$0	$0	$4,484	$5,124	$6,529
40-54-5441 Computer Software	$1,360	$367	$824	$0	$0
40-54-5445 Telephone	$0	$0	$1,351	$1,224	$2,556
40-54-5446 Uniforms	$0	$0	$0	$1,074	$543
40-54-5498 Tap Connecttion Expense	$0	$0	$0	$1,650	$0
40-54-5499 Laboratory Expenses	$9,691	$12,821	$17,744	$11,322	$8,894
40-54-5622 Dues & Subscriptions	$0	$0	$0	$0	$0
40-54-5630 Insurance and Bonds	$0	$0	$0	$0	$0
40-54-5636 Equipment Repairs/Maintenance	$184,955	$191,581	$156,203	$161,162	$105,671
40-54-5638 Vehicle Repairs/Maintenance	$1,688	$6,659	$4,671	$3,506	$3,848
40-54-5645 Training & Travel	$660	$416	$2,394	$245	$115

Historical Expenses by Fiscal Year					
	2015-16	2016-17	2017-18	2018-19	2019-20
40-54-5655 Other Expenses	$8,055	$0	$0	$0	$0
40-54-5700 Vehicle/Equip Replacement Fees	$4,125	$4,014	$5,955	$11,638	$9,000
40-54-5729 Permits & Assessments	$2,464	$3,562	$3,717	$3,707	$3,871
40-54-5730 Legal Notices	$0	$0	$0	$0	$0
40-54-5742 Subsidence Fees	$1,378	$357	$2,167	$4,387	$3,900
40-54-5746 Water Sample Inspection	$0	$0	$0	$0	$0
40-54-5800 Eng/Consulting/Planning Fees	$13,585	$9,495	$0	$0	$0
40-54-6010 Capital Outlay - Technology	$0	$0	$0	$0	$0
40-54-6020 Capital Outlay - Equipment	$21,092	$0	$0	$0	$0
40-54-6030 Capital Outlay - Vehicle	$0	$0	$0	$0	$0
40-54-6040 Capital Outlay - Furniture & Fixtures	$0	$0	$0	$0	$0
40-54-6070 Capital Outlay - Improvements	$0	$0	$0	$0	$0
40-54-6203 Capital Outlay - Capitalize Taps	$14,000	$0	$0	$0	$0
40-54-7025 WWTP to - Blowers/auto Dialer	$0	$0	$0	$0	$0
40-54-8410 Depreciation Expense	$188,699	$0	$253,138	$268,458	$0
40-54-8700 Salary Adjustments	$0	$0	$0	$0	$0
Water Subtotal	**$522,443**	**$331,529**	**$565,076**	**$636,195**	**$284,445**
Wastewater					
40-56-5203 Sludge Hauling	$0	$0	$0	$0	$0
40-56-5204 Chemicals	$0	$0	$7,187	$8,936	$9,717
40-56-5210 Supplies	$0	$0	$0	$0	$0
40-56-5212 Safety Equipment/Supplies	$0	$0	$0	$0	$0
40-56-5225 Fuel	$0	$0	$3,744	$39	$0
40-56-5240 Minor Tools & Equipment	$0	$0	$896	$5,954	$9,882
40-56-5312 Other Reimbursements	$0	$0	$2,662	$0	$0
40-56-5325 Utility Billing Charges	$0	$0	$0	$0	$0
40-56-5419 Sludge Hauling	$14,200	$24,348	$33,238	$44,090	$46,036

Historical Expenses by Fiscal Year					
	2015-16	2016-17	2017-18	2018-19	2019-20
40-56-5420 Electricity	$0	$0	$2,859	$40,809	$34,421
40-56-5421 Electrical Service	$0	$0	$0	$0	$0
40-56-5432 Rental Equipment	$0	$0	$10,075	$17,275	$17,802
40-56-5445 Telephone	$0	$0	$229	$538	$1,384
40-56-5446 Uniforms	$0	$0	$0	$855	$1
40-56-5480 Contract Labor	$0	$0	$18,000	$0	$0
40-56-5499 Laboratory Expenses	$0	$0	$540	$10,985	$15,145
40-56-5500 Operator Fees	$28,650	$0	$0	$0	$0
40-56-5630 Insurance and Bonds	$0	$0	$16,045	$0	$0
40-56-5636 Equipment Repairs/Maintenance	-$1,600	$0	$2,559	$126,330	$114,846
40-56-5637 Sewer Line Maintenance & Repairs	$0	$0	$0	$0	$0
40-56-5645 Training & Travel	$0	$0	$1,646	$3,284	$100
40-56-6010 Capital Outlay - Technology	$0	$0	$0	$0	$0
40-56-6020 Capital Outlay - Equipment	$9,150	$0	$0	$19,893	$170,000
40-56-6030 Capital Outlay - Vehicle	$0	$0	$0	$0	$0
40-56-6040 Capital Outlay - Furniture & Fixtures	$0	$0	$0	$0	$0
40-56-6070 Capital Outlay - Improvements	$0	$0	$0	$0	$0
40-56-6080 Capital Outlay - Building	$0	$0	$0	$0	$0
40-56-5203 Sludge Hauling	$0	$0	$0	$0	$0
40-56-5204 Chemicals	$0	$0	$7,187	$8,936	$9,717
40-56-5210 Supplies	$0	$0	$0	$0	$0
40-56-5212 Safety Equipment/Supplies	$0	$0	$0	$0	$0
40-56-5225 Fuel	$0	$0	$3,744	$39	$0
40-56-5240 Minor Tools & Equipment	$0	$0	$896	$5,954	$9,882
40-56-5312 Other Reimbursements	$0	$0	$2,662	$0	$0
40-56-5325 Utility Billing Charges	$0	$0	$0	$0	$0
40-56-5419 Sludge Hauling	$14,200	$24,348	$33,238	$44,090	$46,036

Historical Expenses by Fiscal Year					
	2015-16	2016-17	2017-18	2018-19	2019-20
40-56-5420 Electricity	$0	$0	$2,859	$40,809	$34,421
40-56-5421 Electrical Service	$0	$0	$0	$0	$0
40-56-5432 Rental Equipment	$0	$0	$10,075	$17,275	$17,802
40-56-5445 Telephone	$0	$0	$229	$538	$1,384
40-56-5446 Uniforms	$0	$0	$0	$855	$1
40-56-5480 Contract Labor	$0	$0	$18,000	$0	$0
40-56-5499 Laboratory Expenses	$0	$0	$540	$10,985	$15,145
40-56-5500 Operator Fees	$28,650	$0	$0	$0	$0
40-56-5630 Insurance and Bonds	$0	$0	$16,045	$0	$0
40-56-5636 Equipment Repairs/Maintenance	-$1,600	$0	$2,559	$126,330	$114,846
40-56-5637 Sewer Line Maintenance & Repairs	$0	$0	$0	$0	$0
40-56-5645 Training & Travel	$0	$0	$1,646	$3,284	$100
40-56-6010 Capital Outlay - Technology	$0	$0	$0	$0	$0
40-56-6020 Capital Outlay - Equipment	$9,150	$0	$0	$19,893	$170,000
40-56-6030 Capital Outlay - Vehicle	$0	$0	$0	$0	$0
40-56-6040 Capital Outlay - Furniture & Fixtures	$0	$0	$0	$0	$0
40-56-6070 Capital Outlay - Improvements	$0	$0	$0	$0	$0
40-56-6080 Capital Outlay - Building	$0	$0	$0	$0	$0
Wastewater Subtotal	**$50,401**	**$24,348**	**$99,681**	**$278,990**	**$419,334**
Non-Departmental					
40-95-8510 Transfer to General Fund	$0	$0	$0	$0	$0
40-95-8590 Transfer Out - Debt Service Fund	$0	$0	$0	$0	$0
40-95-8591 Transfer Out - Veh/Equip Replace Fund	$0	$0	$0	$0	$0
Non-Departmental Subtotal	**$0**	**$0**	**$0**	**$0**	**$0**
TOTAL OPERATING EXPENSES (w/ Depreciation)	**$915,335**	**$602,338**	**$939,096**	**$1,251,982**	**$955,086**
TOTAL OPERATING EXPENSES (w/o Depreciation)	**$726,636**	**$602,338**	**$685,958**	**$983,524**	**$955,086**

Table A-2: Projected Expenses, by Line Item

	Budgeted	Projected								
	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
Administration										
40-10-5000 Salaries (Existing Plant)	$256,941	$264,649	$272,588	$280,766	$289,189	$297,865	$306,801	$316,005	$325,485	$335,250
Salaries and Benefits (MBR Plant)					$198,000	$198,000	$297,000	$297,000	$297,000	$297,000
40-10-5002 Overtime	$4,000	$4,120	$4,244	$4,371	$4,502	$4,637	$4,776	$4,919	$5,067	$5,219
40-10-5003 Holiday Pay	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5004 Taxes, Social Security	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5005 Retirement	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5006 Longevity	$120	$124	$128	$132	$136	$140	$144	$148	$152	$157
40-10-5007 Part Time Wages	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5010 Taxes, Social Security	$20,017	$20,618	$21,237	$21,874	$22,530	$23,206	$23,902	$24,619	$25,358	$26,119
40-10-5012 TWC	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5030 Health & Life Insurance	$46,214	$47,600	$49,028	$50,499	$52,014	$53,574	$55,181	$56,836	$58,541	$60,297
40-10-5031 Vision	$541	$557	$574	$591	$609	$627	$646	$665	$685	$706
40-10-5032 Life & LTD	$1,129	$1,163	$1,198	$1,234	$1,271	$1,309	$1,348	$1,388	$1,430	$1,473
40-10-5033 Dental	$2,260	$2,328	$2,398	$2,470	$2,544	$2,620	$2,699	$2,780	$2,863	$2,949
40-10-5034 Retirement	$26,873	$27,679	$28,509	$29,364	$30,245	$31,152	$32,087	$33,050	$34,042	$35,063
40-10-5035 Cell Phone Allowance	$600	$618	$637	$656	$676	$696	$717	$739	$761	$784
40-10-5038 Flex	$241	$248	$255	$263	$271	$279	$287	$296	$305	$314
40-10-5039 Flex Card - Health Ins	$2,000	$2,060	$2,122	$2,186	$2,252	$2,320	$2,390	$2,462	$2,536	$2,612
40-10-5040 Workers Compensation	$5,694	$5,865	$6,041	$6,222	$6,409	$6,601	$6,799	$7,003	$7,213	$7,429
40-10-5041 Pension Expense	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5201 Contract Services	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5202 Mowing & Weed Control	$1,500	$1,545	$1,591	$1,639	$1,688	$1,739	$1,791	$1,845	$1,900	$1,957
40-10-5220 Janitorial Supplies & Cleaning	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5222 Postage	$2,000	$2,060	$2,122	$2,186	$2,252	$2,320	$2,390	$2,462	$2,536	$2,612
40-10-5225 Fuel	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

	Budgeted	Projected								
	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
40-10-5230 Office Expense	$1,000	$1,030	$1,061	$1,093	$1,126	$1,160	$1,195	$1,231	$1,268	$1,306
40-10-5240 Minor Tools & Equipment	$10,000	$10,300	$10,609	$10,927	$11,255	$11,593	$11,941	$12,299	$12,668	$13,048
40-10-5300 Equipment Rental	$5,000	$5,150	$5,305	$5,464	$5,628	$5,797	$5,971	$6,150	$6,335	$6,525
40-10-5320 Bank/Convenience Charges	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5370 Radio Repairs	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5380 Building Repair & Maintenance	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5418 Employment Testing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5432 Rental Equipment	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5440 Computer Maintenance/Support	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5441 Computer Software	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5445 Telephone	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5446 Uniforms	$450	$464	$478	$492	$507	$522	$538	$554	$571	$588
40-10-5458 Maintenance Agreements	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5550 Radio Usage	$2,000	$2,060	$2,122	$2,186	$2,252	$2,320	$2,390	$2,462	$2,536	$2,612
40-10-5615 Credit Card Processing Fees	$12,000	$12,360	$12,731	$13,113	$13,506	$13,911	$14,328	$14,758	$15,201	$15,657
40-10-5622 Dues & Subscriptions	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5630 Insurance and Bonds	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5636 Equipment Repairs/Maintenance	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5638 Vehicle Repairs/Maintenance	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5645 Training & Travel	$2,000	$2,060	$2,122	$2,186	$2,252	$2,320	$2,390	$2,462	$2,536	$2,612
40-10-5650 Mileage	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5655 Other Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5700 Vehicle/Equip Replacement Fees	$60,000	$61,800	$63,654	$65,564	$67,531	$69,557	$71,644	$73,793	$76,007	$78,287
40-10-5701 Legal Fees	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5742 Subsidence Fees	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-10-5800 Eng/Consulting/Planning Fees	$5,000	$5,150	$5,305	$5,464	$5,628	$5,797	$5,971	$6,150	$6,335	$6,525
40-10-8641 Transfer from	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

	Budgeted	Projected								
	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
40-10-8700 Salary Adjustments	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Administration Subtotal	***$467,580***	**$481,608**	**$496,059**	**$510,942**	**$724,273**	**$740,062**	**$855,326**	**$872,076**	**$889,331**	**$907,101**
Water										
40-54-5204 Chemicals	*$18,000*	$21,696	$26,151	$31,521	$37,994	$45,796	$55,200	$66,535	$80,198	$96,667
40-54-5210 Supplies	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-5212 Safety Equipment/Supplies	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-5222 Postage	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-5225 Fuel	$1,000	$1,030	$1,061	$1,093	$1,126	$1,160	$1,195	$1,231	$1,268	$1,306
40-54-5240 Minor Tools & Equipment	$3,000	$3,090	$3,183	$3,278	$3,376	$3,477	$3,581	$3,688	$3,799	$3,913
40-54-5245 Fire Hydrants	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-5310 Meter Replacement Program	$100,000	$115,000	$132,250	$152,088	$174,901	$201,136	$231,306	$266,002	$305,902	$351,787
40-54-5312 Other Reimbursements	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-5325 Utility Billing Charges	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-5420 Electricity	$25,000	$25,750	$26,523	$27,319	$28,139	$28,983	$29,852	$30,748	$31,670	$32,620
40-54-5421 Electrical Service	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-5435 Safety & Water Testing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-5440 Computer Maintenance/Support	$5,000	$5,305	$5,628	$5,971	$6,335	$6,721	$7,130	$7,564	$8,025	$8,514
40-54-5441 Computer Software	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-5445 Telephone	$15,000	$15,450	$15,914	$16,391	$16,883	$17,389	$17,911	$18,448	$19,001	$19,571
40-54-5446 Uniforms	$1,500	$1,545	$1,591	$1,639	$1,688	$1,739	$1,791	$1,845	$1,900	$1,957
40-54-5498 Tap Connecttion Expense	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-5499 Laboratory Expenses	$13,000	$15,134	$17,619	$20,512	$23,879	$27,799	$32,363	$37,676	$43,861	$51,062
40-54-5622 Dues & Subscriptions	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-5630 Insurance and Bonds	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-5636 Equipment Repairs/Maintenance	$160,000	$164,800	$169,744	$174,836	$180,081	$185,483	$191,047	$196,778	$202,681	$208,761
40-54-5638 Vehicle Repairs/Maintenance	$6,000	$6,180	$6,365	$6,556	$6,753	$6,956	$7,165	$7,380	$7,601	$7,829
40-54-5645 Training & Travel	$2,000	$2,060	$2,122	$2,186	$2,252	$2,320	$2,390	$2,462	$2,536	$2,612

	Budgeted	Projected								
	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
40-54-5655 Other Expenses	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-5700 Vehicle/Equip Replacement Fees	$9,000	$9,270	$9,548	$9,834	$10,129	$10,433	$10,746	$11,068	$11,400	$11,742
40-54-5729 Permits & Assessments	$4,500	$4,875	$5,281	$5,721	$6,198	$6,715	$7,275	$7,882	$8,539	$9,251
40-54-5730 Legal Notices	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-5742 Subsidence Fees	$2,000	$2,284	$2,609	$2,980	$3,403	$3,886	$4,438	$5,069	$5,789	$6,611
40-54-5746 Water Sample Inspection	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-5800 Eng/Consulting/Planning Fees	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-6010 Capital Outlay - Technology	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-6020 Capital Outlay - Equipment	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-6030 Capital Outlay - Vehicle	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-6040 Capital Outlay - Furniture & Fixtures	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-6070 Capital Outlay - Improvements	$0	$182,150	$0	$0	$0	$0	$0	$0	$0	$0
40-54-6203 Capital Outlay - Capitalize Taps	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-7025 WWTP to - Blowers/auto Dialer	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-8410 Depreciation Expense	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-54-8700 Salary Adjustments	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Water Subtotal	***$365,000***	**$575,619**	**$425,589**	**$461,925**	**$503,137**	**$549,993**	**$603,390**	**$664,376**	**$734,170**	**$814,203**
Wastewater										
40-56-5203 Sludge Hauling	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-56-5204 Chemicals (Existing Plant)	*$12,500*	$15,071	$18,171	$21,909	$26,416	$31,850	$38,402			
40-56-5204 Chemicals (MBR Plant)					$29,034	$36,034	$36,034	$53,068	$55,068	$57,068
40-56-5210 Supplies	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-56-5212 Safety Equipment/Supplies	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-56-5225 Fuel	$4,000	$4,120	$4,244	$4,371	$4,502	$4,637	$4,776	$4,919	$5,067	$5,219
40-56-5240 Minor Tools & Equipment	$7,500	$7,725	$7,957	$8,196	$8,442	$8,695	$8,956	$9,225	$9,502	$9,787
40-56-5312 Other Reimbursements	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-56-5325 Utility Billing Charges	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

	Budgeted	Projected								
	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
40-56-5419 Sludge Hauling (Existing Plant)	*$50,000*	$57,500	$66,125	$76,044	$87,451	$100,569	$115,654			
40-56-5419 Sludge Hauling (MBR Plant)					$71,106	$88,882	$88,882	$128,848	$136,845	$143,954
40-56-5420 Electricity (Existing Plant)	*$35,000*	$40,250	$46,288	$53,231	$61,216	$70,398	$80,958			
40-56-5420 Electricity (MBR Plant)					$166,280	$191,700	$191,700	$236,170	$246,484	$255,652
40-56-5421 Electrical Service	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-56-5432 Rental Equipment	$15,000	$15,450	$15,914	$16,391	$16,883	$17,389	$17,911	$18,448	$19,001	$19,571
40-56-5445 Telephone	$1,000	$1,030	$1,061	$1,093	$1,126	$1,160	$1,195	$1,231	$1,268	$1,306
40-56-5446 Uniforms	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-56-5480 Contract Labor	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-56-5499 Laboratory Expenses	$20,000	$23,000	$26,450	$30,418	$34,981	$40,228	$46,262	$53,201	$61,181	$70,358
40-56-5500 Operator Fees	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-56-5630 Insurance and Bonds	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-56-5636 Equipment Repairs/Maintenance (Existing Plant)	*$125,000*	$128,750	$132,613	$136,591	$140,689	$144,910	$149,257			
40-56-5636 Equipment Repairs/Maintenance (MBR Plant)					$164,125	$164,125	$164,125	$268,519	$268,519	$268,519
40-56-5637 Sewer Line Maintenance & Repairs	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-56-5645 Training & Travel	$2,000	$2,060	$2,122	$2,186	$2,252	$2,320	$2,390	$2,462	$2,536	$2,612
40-56-6010 Capital Outlay - Technology	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-56-6020 Capital Outlay - Equipment	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-56-6030 Capital Outlay - Vehicle	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-56-6040 Capital Outlay - Furniture & Fixtures	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-56-6070 Capital Outlay - Improvements	$0	$1,933,000	$0	$0	$0	$0	$0	$0	$0	$0
40-56-6080 Capital Outlay - Building	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Wastewater Subtotal	***$272,000***	**$2,227,956**	**$320,945**	**$350,430**	**$814,503**	**$902,897**	**$946,502**	**$776,091**	**$805,471**	**$834,046**
Non-Departmental										
40-95-8510 Transfer to General Fund	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
40-95-8590 Transfer Out - Debt Service Fund	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

	Budgeted	Projected								
	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30
40-95-8591 Transfer Out - Veh/Equip Replace Fund	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Non-Departmental Subtotal	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
TOTAL OPERATING EXPENSES	***$1,104,580***	**$3,285,183**	**$1,242,593**	**$1,323,297**	**$2,041,913**	**$2,192,952**	**$2,405,218**	**$2,312,543**	**$2,428,972**	**$2,555,350**
Future Debt Service										
FY2022 Series $0.0M (Rate Portion)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
FY2023 Series $32.2M (Rate Portion)	$0	$0	$1,003,686	$1,003,686	$1,003,686	$1,003,686	$1,003,686	$1,003,686	$1,003,686	$1,003,686
FY2024 Series $11.7M (Rate Portion)	$0	$0	$0	$448,652	$448,652	$448,652	$448,652	$448,652	$448,652	$448,652
FY2025 Series $8.1M (Rate Portion)	$0	$0	$0	$0	$337,802	$337,802	$337,802	$337,802	$337,802	$337,802
FY2026 Series $6.0M (Rate Portion)	$0	$0	$0	$0	$0	$239,031	$239,031	$239,031	$239,031	$239,031
FY2027 Series $16.8M (Rate Portion)	$0	$0	$0	$0	$0	$0	$700,508	$700,508	$700,508	$700,508
FY2028 Series $0.1M (Rate Portion)	$0	$0	$0	$0	$0	$0	$0	$4,332	$4,332	$4,332
FY2029 Series $2.7M (Rate Portion)	$0	$0	$0	$0	$0	$0	$0	$0	$121,252	$121,252
FY2030 Series $13.9M (Rate Portion)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$645,037
Future Debt Service Subtotal	**$0**	$0	$1,003,686	$1,452,338	$1,790,140	$2,029,171	$2,729,679	$2,734,011	$2,855,263	$3,500,300
TOTAL EXPENSES	**$1,104,580**	**$3,285,183**	**$2,246,279**	**$2,775,635**	**$3,832,053**	**$4,222,123**	**$5,134,897**	**$5,046,554**	**$5,284,235**	**$6,055,650**

Table A-3: Rate Portion of Future Debt Issuances (2021 Dollars)

	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030
Water	$0	$6,665,394	$8,294,028	$3,878,550	$2,843,352	$0	$106,182	$2,744,004	$13,921,980
Wastewater	$0	$26,262,042	$3,679,344	$4,433,124	$3,257,472	$17,162,826	$0	$0	$283,254
TOTAL	**$0**	**$32,917,436**	**$11,973,372**	**$8,311,674**	**$6,100,824**	**$17,162,826**	**$106,182**	**$2,744,004**	**$14,205,234**

Table A-4: Pro Forma Statement for Combined Utility

Line	Description	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
	Combined Utility										
		Fiscal Year Ending September 30									
1	**Beginning Operating Cash Balance**	$ -	$ -	$ 0	$ 104,415	$ 417,103	$ 271,402	$ 374,074	$ 150,062	$ 431,682	$ 906,989
			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2	**Retail Rate Revenue**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3	Base Charges		$ 1,259,801	$ 1,406,124	$ 1,620,561	$ 1,835,143	$ 2,109,284	$ 2,266,238	$ 2,375,740	$ 2,484,008	$ 2,593,939
4	Volume Charges		$ 378,005	$ 421,574	$ 485,603	$ 549,712	$ 631,722	$ 677,407	$ 710,133	$ 742,576	$ 775,538
5	**Total Retail Rate Revenue**		**$ 1,637,806**	**$ 1,827,698**	**$ 2,106,164**	**$ 2,384,855**	**$ 2,741,006**	**$ 2,943,645**	**$ 3,085,873**	**$ 3,226,584**	**$ 3,369,477**
6	**Base Charge Revenue Increase Needed**		**0.0%**	**13.4%**	**14.9%**	**6.3%**	**2.7%**	**8.1%**	**4.6%**	**4.6%**	**9.2%**
7	**Volumetric Charge Revenue Increase Needed**		**0.0%**	**30.0%**	**28.5%**	**13.5%**	**5.0%**	**12.5%**	**10.0%**	**10.0%**	**25.0%**
8	**Overall Increase Needed**		**0.0%**	**17.3%**	**18.1%**	**8.0%**	**3.2%**	**9.1%**	**5.9%**	**5.9%**	**12.9%**
9	**Additional Retail Rate Revenue**										
10	**Year 1**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
11	**Year 2**		$ -	$ 315,592	$ 363,796	$ 412,024	$ 473,722	$ 508,472	$ 532,885	$ 557,018	$ 581,501
12	**Year 3**		$ -	$ -	$ 380,218	$ 430,559	$ 494,926	$ 531,333	$ 556,936	$ 582,263	$ 607,972
13	**Year 4**		$ -	$ -	$ -	$ 189,989	$ 218,414	$ 234,455	$ 245,733	$ 256,886	$ 268,205
14	**Year 5**		$ -	$ -	$ -	$ -	$ 88,427	$ 94,920	$ 99,476	$ 103,978	$ 108,545
15	**Year 6**		$ -	$ -	$ -	$ -	$ -	$ 267,826	$ 280,674	$ 293,369	$ 306,246
16	**Year 7**		$ -	$ -	$ -	$ -	$ -	$ -	$ 180,649	$ 188,960	$ 197,412
17	**Year 8**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 188,960	$ 197,412
18	**Year 9**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 433,600
19	**Total Additional Retail Rate Revenue**		**$ -**	**$ 315,592**	**$ 744,014**	**$ 1,032,572**	**$ 1,275,489**	**$ 1,637,006**	**$ 1,896,353**	**$ 2,171,435**	**$ 2,700,894**
20	**Other Operating Revenue**		**$ 181,485**	**$ 202,404**	**$ 233,145**	**$ 263,926**	**$ 303,300**	**$ 325,234**	**$ 340,947**	**$ 356,523**	**$ 372,348**
21	**Non-Operating Revenue**		**$ 1,465,892**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**	**$ 5,000**
22	**Impact Fees (50% Max Allowable)**		**$ 1,665,913**	**$ 2,732,097**	**$ 4,007,710**	**$ 4,007,710**	**$ 4,864,465**	**$ 4,864,465**	**$ 2,484,590**	**$ 2,475,070**	**$ 2,484,590**
23	**TOTAL REVENUE**		**$ 4,951,096**	**$ 5,082,790**	**$ 7,096,032**	**$ 7,694,062**	**$ 9,189,259**	**$ 9,775,350**	**$ 7,812,763**	**$ 8,234,612**	**$ 8,932,309**
24	**O&M Expenses**										
25	Administrative		$ 481,608	$ 496,059	$ 510,942	$ 724,273	$ 740,062	$ 855,326	$ 872,076	$ 889,331	$ 907,101
26	Operational		$ 2,803,575	$ 746,534	$ 812,355	$ 1,317,640	$ 1,452,890	$ 1,549,892	$ 1,440,467	$ 1,539,641	$ 1,648,249
27	Non-Departmental		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
28	**Total O&M Expenses**		**$ 3,285,183**	**$ 1,242,593**	**$ 1,323,297**	**$ 2,041,913**	**$ 2,192,952**	**$ 2,405,218**	**$ 2,312,543**	**$ 2,428,972**	**$ 2,555,350**
29	**Net Revenue**		**$ 1,665,913**	**$ 3,840,197**	**$ 5,772,735**	**$ 5,652,149**	**$ 6,996,307**	**$ 7,370,132**	**$ 5,500,220**	**$ 5,805,640**	**$ 6,376,959**
30	**Debt Service (Existing)**		**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
31	Debt Service (Future - Total Issuance)		$ -	$ 1,679,933	$ 2,290,805	$ 2,714,861	$ 3,026,121	$ 3,901,756	$ 3,907,173	$ 4,047,170	$ 4,771,910
32	**Debt Service (Future - Rate Portion of Total Issuance)**		$ -	$ 1,003,686	$ 1,452,338	$ 1,790,140	$ 2,029,171	$ 2,729,679	$ 2,734,011	$ 2,855,263	$ 3,500,300
33	**Total Debt Service - Rate Portion**		**$ -**	**$ 1,003,686**	**$ 1,452,338**	**$ 1,790,140**	**$ 2,029,171**	**$ 2,729,679**	**$ 2,734,011**	**$ 2,855,263**	**$ 3,500,300**
34	**Debt Service Coverage**										
35	Required		1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
36	Achieved		✗ **0.00**	✓ **2.29**	✓ **2.52**	✓ **2.08**	✓ **2.31**	✓ **1.89**	✓ **1.41**	✓ **1.43**	✓ **1.34**
37	**Annual Cash Surplus (Deficiency)**		**$ 1,665,913**	**$ 2,160,264**	**$ 3,481,930**	**$ 2,937,288**	**$ 3,970,186**	**$ 3,468,376**	**$ 1,593,047**	**$ 1,758,470**	**$ 1,605,049**
38	**Annual Cash Surplus (Deficiency) Exclusive of Impact Fee Revenue & Expenses**		**$ 0**	**$ 104,415**	**$ 312,687**	**$ (145,700)**	**$ 102,671**	**$ (224,012)**	**$ 281,620**	**$ 475,307**	**$ 392,069**
39	**Fund Balance to Debt Service**		**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
40	**Ending Operating Cash Balance**		**$ 0**	**$ 104,415**	**$ 417,103**	**$ 271,402**	**$ 374,074**	**$ 150,062**	**$ 431,682**	**$ 906,989**	**$ 1,299,058**

Table A-5: Pro Forma Statement for Wastewater Utility

Line	Wastewater Utility Description	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
		Fiscal Year Ending September 30									
1	**Beginning Operating Cash Balance**	$ -	$ -	$ (108,364)	$ (101,518)	$ 210,259	$ 162,630	$ 310,417	$ 114,885	$ 227,698	$ 447,064
			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2	**Retail Rate Revenue**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3	Base Charges		$ 677,580	$ 756,480	$ 872,460	$ 988,440	$ 1,136,820	$ 1,221,000	$ 1,279,380	$ 1,336,980	$ 1,395,360
4	Volume Charges		$ 189,003	$ 210,787	$ 242,801	$ 274,856	$ 315,861	$ 338,704	$ 355,067	$ 371,288	$ 387,769
5	**Total Retail Rate Revenue**		**$ 866,583**	**$ 967,267**	**$ 1,115,261**	**$ 1,263,296**	**$ 1,452,681**	**$ 1,559,704**	**$ 1,634,447**	**$ 1,708,268**	**$ 1,783,129**
6	**Base Charge Revenue Increase Needed**		**0.0%**	**25.0%**	**20.0%**	**10.0%**	**5.0%**	**15.0%**	**0.0%**	**0.0%**	**0.0%**
7	**Volumetric Charge Revenue Increase Needed**		**0.0%**	**60.0%**	**40.0%**	**20.0%**	**10.0%**	**25.0%**	**0.0%**	**0.0%**	**0.0%**
8	**Overall Increase Needed**		**0.0%**	**32.6%**	**24.4%**	**12.2%**	**6.1%**	**17.2%**	**0.0%**	**0.0%**	**0.0%**
9	**Additional Retail Rate Revenue**										
10	**Year 1**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
11	**Year 2**		$ -	$ 315,592	$ 363,796	$ 412,024	$ 473,722	$ 508,472	$ 532,885	$ 557,018	$ 581,501
12	**Year 3**		$ -	$ -	$ 271,613	$ 307,630	$ 353,708	$ 379,681	$ 397,903	$ 415,911	$ 434,180
13	**Year 4**		$ -	$ -	$ -	$ 153,815	$ 176,854	$ 189,841	$ 198,951	$ 207,956	$ 217,090
14	**Year 5**		$ -	$ -	$ -	$ -	$ 88,427	$ 94,920	$ 99,476	$ 103,978	$ 108,545
15	**Year 6**		$ -	$ -	$ -	$ -	$ -	$ 267,826	$ 280,674	$ 293,369	$ 306,246
16	**Year 7**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
17	**Year 8**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
18	**Year 9**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
19	**Total Additional Retail Rate Revenue**		**$ -**	**$ 315,592**	**$ 635,408**	**$ 873,469**	**$ 1,092,711**	**$ 1,440,741**	**$ 1,509,888**	**$ 1,578,232**	**$ 1,647,562**
20	**Other Operating Revenue**		**$ 27,921**	**$ 31,140**	**$ 35,869**	**$ 40,605**	**$ 46,663**	**$ 50,037**	**$ 52,455**	**$ 54,851**	**$ 57,285**
21	**Non-Operating Revenue**		**$ 1,465,892**	**$ 2,500**	**$ 2,500**	**$ 2,500**	**$ 2,500**	**$ 2,500**	**$ 2,500**	**$ 2,500**	**$ 2,500**
22	**Impact Fees (50% Max Allowable)**		**$ 1,244,338**	**$ 2,040,714**	**$ 2,993,521**	**$ 2,993,521**	**$ 3,633,466**	**$ 3,633,466**	**$ 1,855,841**	**$ 1,848,730**	**$ 1,855,841**
23	**TOTAL REVENUE**		**$ 3,604,733**	**$ 3,357,212**	**$ 4,782,559**	**$ 5,173,390**	**$ 6,228,020**	**$ 6,686,447**	**$ 5,055,130**	**$ 5,192,580**	**$ 5,346,317**
24	**O&M Expenses**										
25	Administrative		$ 240,804	$ 248,030	$ 255,471	$ 362,137	$ 370,031	$ 427,663	$ 436,038	$ 444,666	$ 453,551
26	Operational		$ 2,227,956	$ 320,945	$ 350,430	$ 814,503	$ 902,897	$ 946,502	$ 776,091	$ 805,471	$ 834,046
27	Non-Departmental		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
28	**Total O&M Expenses**		**$ 2,468,760**	**$ 568,975**	**$ 605,901**	**$ 1,176,639**	**$ 1,272,928**	**$ 1,374,165**	**$ 1,212,129**	**$ 1,250,136**	**$ 1,287,596**
29	**Net Revenue**		**$ 1,135,973**	**$ 2,788,238**	**$ 4,176,658**	**$ 3,996,751**	**$ 4,955,092**	**$ 5,312,282**	**$ 3,843,001**	**$ 3,942,444**	**$ 4,058,720**
30	**Debt Service (Existing)**		**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
31	Debt Service (Future - Total Issuance)		$ -	$ 1,339,870	$ 1,527,587	$ 1,753,762	$ 1,919,956	$ 2,795,591	$ 2,795,591	$ 2,795,591	$ 2,810,042
32	**Debt Service (Future - Rate Portion of Total Issuance)**		$ -	$ 740,678	$ 871,360	$ 1,050,860	$ 1,173,840	$ 1,874,348	$ 1,874,348	$ 1,874,348	$ 1,886,994
33	**Total Debt Service - Rate Portion**		**$ -**	**$ 740,678**	**$ 871,360**	**$ 1,050,860**	**$ 1,173,840**	**$ 1,874,348**	**$ 1,874,348**	**$ 1,874,348**	**$ 1,886,994**
34	**Debt Service Coverage**										
35	Required		1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
36	Achieved		✗ **0.00**	✓ **2.08**	✓ **2.73**	✓ **2.28**	✓ **2.58**	✓ **1.90**	✓ **1.37**	✓ **1.41**	✓ **1.44**
37	**Annual Cash Surplus (Deficiency)**		**$ 1,135,973**	**$ 1,448,368**	**$ 2,649,071**	**$ 2,242,989**	**$ 3,035,136**	**$ 2,516,691**	**$ 1,047,410**	**$ 1,146,853**	**$ 1,248,678**
38	**Annual Cash Surplus (Deficiency) Exclusive of Impact Fee Revenue & Expenses**		**$ (108,364)**	**$ 6,846**	**$ 311,778**	**$ (47,629)**	**$ 147,786**	**$ (195,532)**	**$ 112,813**	**$ 219,366**	**$ 315,886**
39	**Fund Balance to Debt Service**		**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
40	**Ending Operating Cash Balance**		**$ (108,364)**	**$ (101,518)**	**$ 210,259**	**$ 162,630**	**$ 310,417**	**$ 114,885**	**$ 227,698**	**$ 447,064**	**$ 762,949**

Table A-6: Pro Forma Statement for Water Utility

Line	Water Utility										
		Fiscal Year Ending September 30									
Line	Description	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
1	**Beginning Operating Cash Balance**	$ -	$ -	$ 108,365	$ 205,933	$ 206,843	$ 108,772	$ 63,657	$ 35,177	$ 203,984	$ 459,925
			$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
2	**Retail Rate Revenue**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
3	Base Charges		$ 582,221	$ 649,644	$ 748,101	$ 846,703	$ 972,464	$ 1,045,238	$ 1,096,360	$ 1,147,028	$ 1,198,579
4	Volume Charges		$ 189,003	$ 210,787	$ 242,801	$ 274,856	$ 315,861	$ 338,704	$ 355,067	$ 371,288	$ 387,769
5	**Total Retail Rate Revenue**		**$ 771,224**	**$ 860,431**	**$ 990,902**	**$ 1,121,559**	**$ 1,288,325**	**$ 1,383,942**	**$ 1,451,427**	**$ 1,518,316**	**$ 1,586,348**
6	**Base Charge Revenue Increase Needed**		**0.0%**	**0.0%**	**9.0%**	**2.0%**	**0.0%**	**0.0%**	**10.0%**	**10.0%**	**20.0%**
7	**Volumetric Charge Revenue Increase Needed**		**0.0%**	**0.0%**	**17.0%**	**7.0%**	**0.0%**	**0.0%**	**20.0%**	**20.0%**	**50.0%**
8	**Overall Increase Needed**		**0.0%**	**0.0%**	**11.0%**	**3.2%**	**0.0%**	**0.0%**	**12.4%**	**12.4%**	**27.3%**
9	**Additional Retail Rate Revenue**										
10	**Year 1**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
11	**Year 2**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
12	**Year 3**		$ -	$ -	$ 108,605	$ 122,929	$ 141,218	$ 151,651	$ 159,034	$ 166,351	$ 173,793
13	**Year 4**		$ -	$ -	$ -	$ 36,174	$ 41,560	$ 44,614	$ 46,782	$ 48,931	$ 51,115
14	**Year 5**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
15	**Year 6**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
16	**Year 7**		$ -	$ -	$ -	$ -	$ -	$ -	$ 180,649	$ 188,960	$ 197,412
17	**Year 8**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 188,960	$ 197,412
18	**Year 9**		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 433,600
19	**Total Additional Retail Rate Revenue**		**$ -**	**$ -**	**$ 108,605**	**$ 159,103**	**$ 182,778**	**$ 196,265**	**$ 386,465**	**$ 593,203**	**$ 1,053,332**
20	**Other Operating Revenue**		**$ 153,564**	**$ 171,265**	**$ 197,276**	**$ 223,321**	**$ 256,638**	**$ 275,197**	**$ 288,493**	**$ 301,673**	**$ 315,063**
21	**Non-Operating Revenue**		**$ -**	**$ 2,500**	**$ 2,500**	**$ 2,500**	**$ 2,500**	**$ 2,500**	**$ 2,500**	**$ 2,500**	**$ 2,500**
22	**Impact Fees (50% Max Allowable)**		**$ 421,575**	**$ 691,383**	**$ 1,014,189**	**$ 1,014,189**	**$ 1,230,999**	**$ 1,230,999**	**$ 628,749**	**$ 626,340**	**$ 628,749**
23	**TOTAL REVENUE**		**$ 1,346,363**	**$ 1,725,578**	**$ 2,313,473**	**$ 2,520,672**	**$ 2,961,239**	**$ 3,088,903**	**$ 2,757,633**	**$ 3,042,032**	**$ 3,585,992**
24	**O&M Expenses**										
25	Administrative		$ 240,804	$ 248,030	$ 255,471	$ 362,137	$ 370,031	$ 427,663	$ 436,038	$ 444,666	$ 453,551
26	Operational		$ 575,619	$ 425,589	$ 461,925	$ 503,137	$ 549,993	$ 603,390	$ 664,376	$ 734,170	$ 814,203
27	Non-Departmental		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
28	**Total O&M Expenses**		**$ 816,423**	**$ 673,619**	**$ 717,396**	**$ 865,274**	**$ 920,024**	**$ 1,031,053**	**$ 1,100,414**	**$ 1,178,836**	**$ 1,267,754**
29	**Net Revenue**		**$ 529,940**	**$ 1,051,960**	**$ 1,596,077**	**$ 1,655,398**	**$ 2,041,215**	**$ 2,057,850**	**$ 1,657,219**	**$ 1,863,196**	**$ 2,318,239**
30	**Debt Service (Existing)**		**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
31	Debt Service (Future - Total Issuance)		$ -	$ 340,063	$ 763,218	$ 961,099	$ 1,106,165	$ 1,106,165	$ 1,111,582	$ 1,251,579	$ 1,961,868
32	**Debt Service (Future - Rate Portion of Total Issuance)**		**$ -**	**$ 263,008**	**$ 580,978**	**$ 739,280**	**$ 855,331**	**$ 855,331**	**$ 859,663**	**$ 980,915**	**$ 1,613,306**
33	**Total Debt Service - Rate Portion**		**$ -**	**$ 263,008**	**$ 580,978**	**$ 739,280**	**$ 855,331**	**$ 855,331**	**$ 859,663**	**$ 980,915**	**$ 1,613,306**
34	**Debt Service Coverage**										
35	Required		1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
36	Achieved		**0.00**	**3.09**	**2.09**	**1.72**	**1.85**	**1.86**	**1.49**	**1.49**	**1.18**
37	**Annual Cash Surplus (Deficiency)**		**$ 529,940**	**$ 711,897**	**$ 832,859**	**$ 694,299**	**$ 935,050**	**$ 951,685**	**$ 545,637**	**$ 611,617**	**$ 356,371**
38	**Annual Cash Surplus (Deficiency) Exclusive of Impact Fee Revenue & Expenses**		**$ 108,365**	**$ 97,569**	**$ 910**	**$ (98,071)**	**$ (45,115)**	**$ (28,480)**	**$ 168,807**	**$ 255,941**	**$ 76,184**
39	**Fund Balance to Debt Service**		**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
40	**Ending Operating Cash Balance**		**$ 108,365**	**$ 205,933**	**$ 206,843**	**$ 108,772**	**$ 63,657**	**$ 35,177**	**$ 203,984**	**$ 459,925**	**$ 536,109**