

**WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY  
NOTICE OF MEETING**

**TO: THE BOARD OF DIRECTORS OF THE WEST TRAVIS COUNTY PUBLIC  
UTILITY AGENCY AND TO ALL OTHER INTERESTED PERSONS:**

Notice is hereby given that the Board of Directors of the West Travis County Public Utility Agency (“WTCPUA”) will hold a meeting at 11:00 a.m. on Monday, November 18, 2024 at Bee Cave City Hall, 4000 Galleria Parkway, Bee Cave, Texas. One or more members of the Board may participate in the meeting by videoconference pursuant to Section 551.127, Texas Government Code, provided that a quorum of the Board will be present at the meeting location.

The following matters will be considered and may be acted upon at the meeting.

*Public comments will be accepted only during designated portions of the Board meeting. Citizens wishing to address the Board should complete the Public Comment Form provided at the entrance to the meeting room so they may be recognized to speak. Speakers will be limited to three minutes to facilitate the opportunity to comment by all those so interested and to support the orderly flow of the meeting.*

**I. CALL TO ORDER**

**II. ESTABLISH QUORUM**

**III. PUBLIC COMMENT**

**IV. CONSENT AGENDA**

- A. Approve minutes of October 17, 2024 Regular Board Meeting.**
- B. Approve payment of invoices and other bookkeeping matters, including:**
  - 1. Quarterly Investment Report**
- C. Approve Contractor Pay Requests and invoices including:**
  - 1. Landmark Structures, Pay Application #15, \$53,013.80, 1240 Elevated Storage Tank;**
  - 2. Austin Engineering Co., Pay Application #6, \$594,119.65, 1080 Transmission Main, Segment B;**

**VIII. NEW BUSINESS**

- A. Discuss, consider and take action on Land Use Assumptions and Capital Improvement Plan report (G. Murfee).**

*(This item may be taken into Executive Session under the Consultation with Attorney exception.)*

- B. Discuss, consider and take action on Impact Fee Report (N. Heddin).**
- C. Discuss, consider and take action on Recommendation from Impact Fee Advisory Committee regarding Impact Fee Rate (J. Riechers).**
- D. Discuss, consider and take action on Order Setting Public Hearings on Amendments to the WTCPUA's Water and Wastewater Land Use Assumptions, Capital Improvement Plans and Impact Fees.**
- E. Discuss, consider and take action on Order Amending WTCPUA's Wholesale Water and Wastewater Rates (J. Riechers)**
- F. Discuss, consider and take action on Revisions to WTCPUA Water Conservation and Drought Contingency Plan (J. Riechers).**
- G. Discuss, consider and take action on Proposal for Installation and Purchase of AMI meters (J. Riechers).**
- H. Discuss, consider, and take action regarding planning for the Lake Pointe Wastewater Treatment Plant (S. Roberts).**  
*(This item may be taken into Executive Session under the consultation with attorney exception).*
- I. Discuss, consider and take action on Service Availability Letter for:**
  - 1. Mirasol Springs, 347 Water LUEs, 71 System (G. Murfee).**  
*(This item may be taken into Executive Session under the consultation with attorney exception).*
- J. Discuss, consider and take action on Proposal from Murfee Engineering Company, Inc. for Budget Adjustment for the 1080 TM Easement Acquisition and Design (G. Murfee).**
- K. Discuss, consider, and take action regarding a Resolution of the Board of the West Travis County Public Utility Agency determining a Public Need and Necessity for the Acquisition of Certain Property and Authorizing the Agency's Use of Its Eminent Domain Power to Acquire Said Property Interests for 1240 Transmission Main Realignment Project (J. Riechers/ G. Murfee)**  
*(This item may be taken into Executive Session under the consultation with attorney exception).*
- L. Discuss, consider and take action on WTCPUA Policy Preventing the Use of Prohibited Technology and Covered Applications (SB 1893) (L. Kalisek).**

- M. **Discuss, consider and take action on review of Water and Sewer Service Development Policies (J. Riechers).**
  - a. **Future water service limits on Hamilton Pool Road (proposed new Section 13);**
  - b. **Service Level Determinations (Section 7).**  
*(This item may be taken into Executive Session under the consultation with attorney exception).*
  
- N. **Discuss, consider and take action on new appointment for the Finance Committee (J. Riechers).**

**IX. STAFF REPORTS**

- A. **General Manager Report**
  - 1. **Watering Restrictions**
  
- B. **Controller Report**
  
- C. **Operations Manager Report**
  
- D. **Engineer’s Report**
  - 1. **CIP Project Update**

**X. ADJOURNMENT**

Dated: November 15, 2024

  
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Jennifer Riechers  
WTCPUA General Manager

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The Board of Directors may go into Executive Session, if necessary, pursuant to the applicable section of Subchapter D, Chapter 551, Texas Government Code, of the Texas Open Meetings Act, on any of the above matters under the following sections: Texas Government Code Ann. 551.071 – Consultation with Attorney; Texas Government Code Ann. 551.072 – Real and Personal Property; Texas Government Code Ann. 551.074 – Personnel Matters. No final action, decision, or vote will be taken on any subject or matter in Executive Session.

The West Travis County Public Utility Agency is committed to compliance with the Americans with Disabilities Act. Reasonable modifications and equal access to communications will be provided upon request. Please call Jennifer Riechers, General Manager at (512) 263-0100 for information.

## **IV. CONSENT AGENDA**

# **ITEM A**

MINUTES OF MEETING OF  
THE BOARD OF DIRECTORS OF THE  
WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY

October 17, 2024

Board:

Scott Roberts, President  
Jack Creveling, Vice President  
Walt Smith, Secretary/Treasurer (attended remotely)  
Michael Barron, Director  
Andrew Clark, Director

Staff and Consultants:

Jennifer Riechers, Agency General Manager  
Jennifer Smith, Agency Controller  
Lauren Kalisek (Lloyd Gosselink Rochelle & Townsend, P.C.), Agency General Counsel  
Kathryn Bibby (Lloyd Gosselink Rochelle & Townsend, P.C.), Agency General Counsel  
George Murfee (Murfee Engineering Company, Inc.), Agency Engineer

**I. CALL TO ORDER**

The meeting was called to order by President Roberts at 1:04 p.m.

**II. ESTABLISH QUORUM**

A quorum was established with the above-referenced Directors, staff and consultants present

**III. SWEARING IN OF NEW DIRECTORS**

Directors Barron and Clark were sworn in prior to commencement of the meeting.

**IV. ELECTION OF OFFICERS**

The election of officers was opened. The following officers were elected:

A motion was made by Director Creveling to nominate Director Roberts as President. The motion was seconded by Director Barron. Director Roberts election as President was confirmed unanimously.

A motion was made by President Roberts to nominate Director Creveling as Vice President. The motion was seconded by Director Clark. Director Creveling's election as Vice President was confirmed unanimously.

A motion was made by President Roberts to nominate Director Smith as Secretary. The motion was seconded by Director Creveling. Director Smith's election as Secretary was confirmed unanimously.

A motion was made by President Roberts to nominate Director Barron as Alternate Secretary. The motion was seconded by Director Creveling. Director Barron's election as Alternate Secretary was confirmed unanimously.

**V. PUBLIC COMMENT**

President Roberts requested to hold public comments until New Business Item B was presented.

**VI. PUBLIC HEARING - Section 26.002 Texas Parks & Wildlife Code Hearing on use of a portion of public park land for 290W 30" Waterline Transmission Main Improvements (10115 W State Highway 71, Travis County, Texas).**

Mark Kestner of Murfee Engineering Company presented this item. Mr. Kestner discussed using a portion of public park land for the 290W 30" Waterline Transmission Main Improvements. Mr. Kestner provided background information on the project, including the location of the transmission main in relation to surrounding properties and governmental entities. When discussing the proposed pathway for the transmission main, Mr. Kestner noted that the line would terminate at the WTCPUA's County Line Pump Station and has been divided into four different phased segments for construction and competitive bidding. Mr. Kestner noted that Segment 1 will run parallel to the existing waterline transmission main along Highway 71. Mr. Kestner continued, noting that most of the property at issue in this public hearing will remain unencumbered with any elements or facilities resulting from the improvements. Mr. Kestner provided maps and charts related to alignment of the projected transmission main for the Board's review. Mr. Kestner stated that, due to location and sizing requirements, an additional 15' easement along with the existing 30' easement is required to construct the 30" transmission main parallel to the existing the 24" transmission main. Mr. Kestner requested that the Board approve the new alignment that includes the additional easement and consider condemnation of the property following this public hearing that is statutorily required because the property includes conservation land.

**PUBLIC COMMENT:**

Barry McConachie provided public comment. Mr. McConachie stated he is a member of the community where the development will be taking place and owns 36 acres of property as well as another property downstream from the Mirasol Springs development. Mr. McConachie stated the proposed condemnation would cause a pipeline that would increase water availability for the Mirasol development to be built. Mr. McConachie addressed the Board regarding Texas Public Wildlife Code Section 26.001 and the requirements of the code. He raised the issue of consideration of reasonable and prudent alternatives to the taking of conservation land for pipeline construction. Mr. McConachie stated there are



several alternate options including rainwater, water treatment and water reclamation. He stated the Board must also consider under the code all reasonable options to minimize harm to the land resulting from the taking of such land. Mr. McConachie stated that the taking of this land would create a direct harm to the surrounding property and protected species. Mr. McConachie requested that the Board deny condemnation.

President Roberts offered clarification for the record that the line being considered for condemnation is part of the 290 Northern Hays County system and only services Northern Hays County and Dripping Springs. The Hwy 71 System is the system that would potentially service Mirasol Springs.

Bobby Levinski provided comment. Mr. Levinski is an Attorney with the Save our Springs Alliance. Mr. Levinski stated that the project defied the original intent of the easement and conservation easements for the Barton Creek Habitat and Preserve. Mr. Levinski further stated the lands have not been preserved as pathways for new development. Mr. Levinski stated that based on the presentation provided there were challenges with the existing alignment of an easement not that it was not prudent and feasible to build that option. Mr. Levinski closed by stating finding otherwise would be arbitrary.

Dan Snodgrass provided comment. Mr. Snodgrass is Director of Land Protection and Stewardship for the Nature Conservancy in Texas. Mr. Snodgrass discussed the agency's role in helping to preserve land and water in Texas including land and water in the Barton Creek Watershed. The proposed waterline easement extends 15 feet beyond the existing 30-foot easement. Mr. Snodgrass stated the easement would decrease the natural buffer provided by trees along the highway and erode protections for wildlife pushing them further into the habitat. These buffers would be removed as a result of approval of this item which not only protects wildlife such as the federally protected Golden-cheeked Warbler habitat but discourages trespassing. Mr. Snodgrass stated the Nature Conservancy has worked tirelessly to conserve water quality and quantity. This project would negatively impact surrounding ecology. Mr. Snodgrass cited alternatives that would potentially minimize the impact on wildlife to include utilizing the existing easement and/or rights-of-way running along both sides of the highway.

Bill Bunch provided comment. Mr. Bunch is the Executive Director of the Save our Springs Alliance. Mr. Bunch added his support for the Nature Conservancy speaker and their view on the condemnation of this property. Mr. Bunch stated he would prefer the Agency expand the current pipeline rather than expand on to preserve land. Mr. Bunch stated the Board must take reasonable steps to minimize and mitigate potential harm. Mr. Bunch further stated there is nothing in the agenda packet or in the presentation to support that the Agency has made such reasonable efforts. Mr. Bunch stated the historical background provided regarding the LCRA construction of the pipeline were gross misrepresentations to the community for that line which was initiated during a period of drought. Mr. Bunch stated 98% or more of capacity for that line was to serve new development instead. Mr. Bunch stated he was opposed to expansion of 30" line and would prefer the WTCPUA serve current commitments rather than focusing on service of new developments that would cause actual harm. He stated that the Agency was not in compliance with the Texas Parks

and Wildlife Code and urged the Board to vote no on this item. Mr. Bunch encouraged the Board to build the line in the current right-of-way or on land along the opposite side of the highway.

**VII. CONSENT AGENDA**

- A. Approve minutes of September 24, 2024 Regular Board Meeting.**
- B. Approve payment of invoices.**
- C. Ratify payments approved by General Manager:**
  - 1. Texan Municipal & Industrial, Pay Application #1, \$332,027.10, Southwest Parkway Generator Installation.**
- D. Approve Contractor Pay Requests and invoices including:**
  - 1. EVT Construction LLC, Pay Application #2, \$7,044.43, Ledgestone Terrace Water Line Relocation;**
  - 2. EVT Construction LLC, Pay Application #3 & Final, \$4,474.76, Ledgestone Terrace Water Line Relocation;**
  - 3. Payton Construction, Pay Application #2, \$16,717.00, Southwest Parkway Pump Station;**
  - 4. Austin Engineering Co., Pay Application #5, \$682,645.93, 1080 Transmission Main;**
  - 5. Landmark Structures, Pay Application #14, \$14,516.95, 1240 Elevated Storage Tank.**
- E. Approve Third Amendment to General Manager Contract.**

President Roberts stated Item VII.E would be removed for consideration for the Consent Agenda.

**MOTION:** A motion was made by President Roberts to approve the Consent Agenda, presented in Items VII.A-D of the Board Packet. The motion was seconded by Director Creveling.

The vote was taken with the following result:

Voting Aye: Unanimously

Voting Nay:

Abstained:

Absent: Director Smith

## VIII. NEW BUSINESS

- A. **Discuss, consider, and take action regarding long term planning for the Lake Pointe Wastewater Treatment Plant (S. Roberts).**  
*(This item may be taken into Executive Session under the consultation with attorney exception).*

Director Roberts presented this item. Director Roberts stated that the Lake Pointe Wastewater Treatment Plant (WWTP) should be decommissioned and capacity expanded at the Bohls Wastewater Treatment Facility.

### **PUBLIC COMMENT:**

Amanda Wilton-Green provided comment. Ms. Green lives in the Lake Pointe neighborhood less than one block from the facility for the last ten years. Ms. Green stated there has been a substantial increase in unpleasant odors from the plant over the last year. In the last six months, there has been an increase in the intensity and persistence of the odor being present in the neighborhood at least 5 days of each week. Ms. Green would like Board to prioritize expanding the Bohls Wastewater Treatment Facility. Ms. Green further stated that although the Capital Improvements Plan does not list the decommission of the facility, it appears to be included as part of the budget with expansion and design to be completed in 2020. She indicated the wastewater treatment plant permit is up for renewal and questioned if there are plans to complete expansion of the Bohls WWTP. She continued by asking where plans may be accessed by the public. Ms. Green questioned how the Board plans to manage odors coming from the facility and urged the Board to make this item a priority rather than a long term project and include language that indicates this project is a priority.

Cindy Smiley provided comment. Ms. Smiley is an Environmental & Water Law attorney representing the Lake Pointe Homeowners Association. Ms. Smiley requested the Board allow her to assist with the nuisance conditions. Ms. Smiley stated she attended a board meeting 10 years ago regarding nuisance odors and wastewater spills for the same plant. Ms. Smiley presented a letter on behalf of the President of the Lake Pointe Homeowners Association to the Counsel for the WTCPUA urging the Board to act immediately, decommission the Lake Pointe Plant and bring the facility into compliance. Ms. Smiley said she is available to provide assistance on behalf of the Lake Pointe Homeowners Association with this project.

Director Roberts requested this item be placed on the agenda for November. Director Roberts stated it was the desire of the Board to decommission as soon as possible and in order to accomplish this, expansion of the Bohls facility was necessary. Director Roberts indicated repairs to the Lake Pointe lift station are ongoing and efforts have been made to minimize odors during the repair.

No action taken on this item.

**B. Discuss, consider and take action on Service Availability Letter for:**

**1. Mirasol Springs, 347 Water LUEs, 71 System.**

George Murfee presented this item. He presented a map of the Mirasol area within WTCPUA service area. Mr. Murfee stated there were no plans to move water down Hamilton Pool Road to the west to provide service to Peacock, Harris Ranch, Preservation Ranch, and Provence, which have already been approved by the WTCPUA. Mr. Murfee stated the line will be built through the Mirasol project despite whether the development receives service. Mirasol would determine if the line will be installed via right-of-way or easement. Mirasol will be built and paid for by the developers. Mr. Murfee stated Mirasol has strict restrictions on irrigation and is only requesting average daily flow. Irrigation will be provided by rainwater. WTCPUA would only provide 108 GPM. Mirasol will provide irrigation.

Director Roberts explained his understanding that Mirasol would surrender their permit to pump from the Pedernales River and any firm commitments they had from the LCRA. Mirasol will agree to not use wells for landscape irrigation. Director Roberts further clarified since the 4" lines would not provide fire flow; the developers will build a tank to maintain fire flow.

**PUBLIC COMMENT**

Lou Adams provided comments. Mr. Adams is co-owner on Lake Creek Canyon. Mr. Adams expressed concern over impacts to the golden cheek warbler habitat. The habitat is surrounded by 1400 acres of the Mirasol Development, and it stands to be the most affected by this project. Mr. Adams commented that water preserves in the hill country have been used as a research field project by universities. Mr. Adams questioned who would be sacrificing water to provide water for this commercial development. Mr. Adams requested the Board look at Hamilton Pool Road and Highway 71 as alternatives. Mr. Adams expressed concern over who this would affect. Mr. Adams urged the Board to stay their approval of this project until after a SOAH hearing in late October.

Elaine Davenport provided comments. Ms. Davenport is a resident living near Stage Coach Ranch subdivision off of Hamilton Pool Road. Ms. Davenport offered her support for Mr. Adam's comments. Ms. Davenport expressed concern that there was no opposition to this proposal. She further stated no map has been provided which would allow the community to review the proposal. She further indicated she would like the Board to consider slower growth that can be sustained and requested the Agency establish standards for pipeline construction that would minimize harm to the area. Ms. Davenport suggested alternatives including rainwater collection and water reuse as potential options.

Roy Waley provided comment. Mr. Waley is Conservation Director and Chair of the Austin Regional Sierra Club. Mr. Waley stated that Lake Travis is 45.2% full.

Water Conservation should be the focus now. Mr. Waley stated while he can live without many things he cannot live without water. Mr. Waley expressed that the Board should not incentivize development in a very environmentally sensitive area and endanger the water system for current residents paying for service. Mr. Waley does not believe the development is necessary. Mr. Waley expressed that he did not believe rainwater collection was a viable option due to lack of rain and potential future long term droughts. Mr. Waley further stated that while the Pedernales river is a beautiful river, most of the year it remains a dry creek bed. Mr. Waley told the Board it should not endanger the springs that provide water. Mr. Waley requested the Board vote no on the matter and provide more information on the project.

Mike Clifford provided comment. Mr. Clifford is a Technical Director with the Greater Edward's Aquifer Alliance. Mr. Clifford challenged Mr. Murfee's assertions that a 4" line could only serve the development. Mr. Clifford stated that was incorrect. Mr. Clifford stated a 4" pipe can run 260 gallons per minute and the development will utilize 108 gallons per minute which would add 59% additional capacity. He stated an extension of this line would inevitably lead to expansion of the pipeline and wastewater lines which creates another development corridor. Mr. Clifford indicated there should be no rush to consider this agenda item. He stated there is no approved plan for Wastewater and there is an ongoing contested case hearing regarding a wastewater plan. Mr. Clifford indicated there is significant opposition of Mirasol Springs plan for transport of wastewater to proposed wastewater treatment plant. Mr. Clifford further indicated without a permit; construction has been delayed. Mr. Clifford requested the Board postpone action on the agenda item and call a special meeting at a later date. He further asked the Board to have the engineer provide follow-up regarding the 4" line.

Hugh Winkler provided comment. Mr. Winkler is a 20-year resident living off of Hamilton Pool Road. He continued that he is also a member of Hamilton Pool Road Scenic Corridor Coalition and the group organized to fight the original pipeline along Hamilton Pool Road. Mr. Winkler stated the effects of the passage of the original pipeline can be seen. He urged the Board to maintain policy that the Agency will not provide service in the area that includes the Mirasol proposed development. Mr. Winkler further urged the Board to vote no on this agenda item and to consider the impact it has on the community.

Sun Young Chung provided comment. Ms. Chung stated there is a swimming hole in the area where Mirasol wants to pump at Hammett's Crossing. She told the Board she raised her family swimming in the area every other weekend. She said the location is an inspiring place and it is a shame that the community would lose access to this space. Ms. Chung stated this area is not the right place for new development. Ms. Chung advised the Board that the most important things that we can give our children is the sound of birds singing and clear water for swimming. She urged the Board to reconsider and take time to consider this project.

Carol Philipson provided comment. Ms. Philipson expressed concern for allowing out of state developers to continue to develop projects in areas where they are

unaffected. Ms. Philipson urged the Board to consider the impact on climate change. She continued that the community should take care of the available water.

Christy Muse provided comment. Ms. Muse stated she was personally committed to finding the best outcome for Mirasol for the last three years. Ms. Muse stated details have not been provided in order to make a decision on the proposal. Water pipeline extensions in rural areas run contrary to all smart growth principles because they stress existing utilities, parks, and groundwater. She added that the Highway 71/ Hamilton Pool Road traffic struggles were handed to the community by LCRA lines constructed in the early 2000s. She continued that the LCRA overextended itself and was forced to divest. It led to the creation of the WTCPUA. It was intended to be a different kind of entity that would take care of existing customers and be conservative regarding new development. Ms. Muse stated that although the Mirasol project is intended to be a conservation minded development, there is no legal mechanism to ensure the requirements remain in effect long term. Ms. Muse asked the Board to delay discussion and allow community involvement.

Josh Bennet provided comment. Mr. Bennet is a local resident off of Overland Stage Road. Mr. Bennet asked the Board to postpone discussion of this item and allow for outreach to any additional community members that may be impacted by this item. Mr. Bennet said he would like the Board to consider pragmatic solutions like the use of other water sources. He expressed that the generational wealth of natural resources should be passed along to new generations.

Jody “Jo Ellen” Askins provided comments. Ms. Askins owns property right across the creek and across from Lou Adams property. Ms. Askins said her entire family swims in the creek and she was sad when she discovered news of the pipelines. Ms. Askins stated this item has been rushed and she is stunned by the seemingly quick turnaround. Ms. Askins stated she feels as though public input is being bypassed. Ms. Askins requested that the Board assist her with providing more time to discuss a path forward that is agreeable for all. She further stated transparency is critical.

Victoria Rose provided comment. Ms. Rose asked the Board not to approve the Service Agreement letter due to the impact on endangered species. Ms. Rose stated increased development and additional infrastructure will disrupt the habitat of the Golden-cheeked Warbler whose habitat is already shrinking. Ms. Rose discussed a mussel species found in the Pedernales River. This species is susceptible to pollution from construction. Ms. Rose said the springs salamander not yet listed as endangered would be affected by exempt wells along this pipeline and any changes in water quality along the spring shed. Ms. Rose further stated the pipeline would need to travel across a conservation easement and or parkland and is in opposition for a developer that purports to be conservation oriented. Ms. Rose stated this development threatens a key piece of what makes this area special.

Annie Borden provided comment. Ms. Borden is a Hamilton Pool Road resident and lives across from what will be the Mirasol resort development. Ms. Borden stated she is grateful that the developer realizes there is not enough groundwater to

serve the development. Ms. Borden stated that until yesterday she was unaware where the line would go. Ms. Borden said it shows a lack of transparency. She further indicated she thought it was not the Board's desire to open up green spaces and vistas along the western side of Hamilton Pool Road and not develop a pipeline in this area. Ms. Borden stated once you extend this line, others will follow. Ms. Borden requested the Board postpone action on this item and allow the community to provide input.

Jim Truitt provided comment. Mr. Truitt is a representative for the development. Mr. Truitt disagreed with Ms. Borden's assertion that there is not enough water and that is why they are going through the SOAH process. Mr. Truitt stated there are alternate sources of water that can address the concerns expressed today and requested the Board vote to approve the application.

Blaine Williams provided comment. Mr. Williams owns property in Stage Coach Ranch development. Mr. Williams said the groups that have been working to make Mirasol less impactful were not notified of this meeting in a timely manner and for this reason alone he requested postponement of Board action. Mr. Williams says no map has been provided and the impact to the natural areas will be great. Mr. Williams asked the Board to postpone action to allow for further community input.

William Riley provided comment. Mr. Riley lives in Hammett's Crossing. Mr. Riley invited those who are unfamiliar with rainwater collection to view his property and see the great amount of work that goes into rainwater collection. Mr. Riley cautioned against taking any irrevocable action on this item right now and does not understand how this could be done. He asked the Board to postpone this item.

Patricia Hanley provided comment. Ms. Hanley is a resident downstream and across the river from the proposed development. Ms. Hanley stated she is against the pipeline. Ms. Hanley stated the perception that the idea for a pipeline was the result of outcomes reflected in the hydrology report that concluded wells would result in decreased spring flows. Ms. Hanley commented that water is a limited resource and with this development it impacts the availability of water to another community. Ms. Hanley stated the development is in two counties and questioned the ability of one county to serve another.

Sonja Pinto provided comment. Ms. Pinto is a resident of the City of Dripping Springs. Ms. Pinto stated if the water supply is limited, there should not be consideration of adding wastewater treatment plants. Ms. Pinto requested the Board focus on reducing water supply requests rather than expansion. Ms. Pinto said the focus should be on conservation efforts and education of Homeowners Associations that prevent property owners from making conservation efforts.

Maria Morrissey provided comment. Ms. Morrissey lives along the road adjacent to the Mirasol development. Ms. Morrissey questioned why the development needs 96,000 gallons of water a day. Ms. Morrissey stated she has done her own calculations on water usage. She stated the development has 71 guest rooms which

by her average would utilize 17,000 gallons a day, 31 luxury home sites utilizing 21,000 gallons per day and 40 conservation home sites utilizing 16,000 gallons per day equaling a total usage of 54,000 gallons per day. Ms. Morrissey questioned why the development needs 96,000 gallons per day. She further questioned where the water would go if they do not have a wastewater treatment facility. Ms. Morrissey requested the Board request more details and ask more questions. She further requested the Board not vote on this item until those answers have been provided.

Bobby Levinski provided comment. Mr. Levinski is an attorney with Save Our Springs Alliance. Mr. Levinski stated he would speak to a policy passed earlier today that leads to a vote of no on this item. Mr. Levinski said an increase in facilities encourages development and urban sprawl. This urban sprawl and development lead to larger demands for water creating a domino effect. He said increased development pressures have also led to residential wells being built and creates an incentive to build more wells. Mr. Levinski stated adding service across Rural Route 12 changes the ball game because development cannot be undone and water supplies are limited. He requested the Board delay this decision by a couple of months and noted that in a recent meeting with applicant a map, which was promised, was not provided.

Bill Bunch provided comment. Mr. Bunch is the Executive Director of Save our Springs Alliance. Mr. Bunch stated the WTCPUA has not given adequate and required notice of this action nor provided adequate time for the public to review. Mr. Bunch stated in addition there were no maps of alignment or backup materials provided for review. He said there has been no discussion of how construction will lead to easement of conservation property. Mr. Bunch stated if this was a great solution for the community it should stand some scrutiny. Mr. Bunch stated it was disrespectful to the community, constituents, as well as the new Board members to push through this item without further review. Mr. Bunch asked the Board members if there is a reason this item needs to be rushed. He continued based on your silence the answer is there is no rush. Mr. Bunch requested the Board postpone this item for at least the next month. Mr. Bunch stated the letter provided is misleading and suggests there will not be any more pumping but then discusses pumping for potable water but the WTCPUA policy that was amended by the Board earlier in this meeting said only no pumping for landscaping. He continued the development has a farm and they will grow this farmer to sustain their restaurants and other developments. Mr. Bunch stated that is not landscape irrigation and they are pumping from exempt wells. Mr. Bunch said what will occur is what is shown in the Meadows Center for watering environment study which says extending waters along Highway 290 has increased ground water pumping not diminished or substituted it. Mr. Bunch asked that a requirement be put in writing that there is no ground water pumping or diversion from the river by the developer. Otherwise, the developer is only subject to WTCPUA policy requirements which can easily be changed by the Board.



Director Barron asked what the timeline for approval of this item is and what the service availability letter commits the WTCPUA to.

Lauren Kalisek, Counsel for the WTCPUA, described the nature of a service availability letter (SAL) and the process by which a Non-Standard Service Agreement (NSSA) is approved. Ms. Kalisek explained the service availability letter is the first step in identifying terms and conditions of what will be in the binding NSSA.

Director Barron asked what the normal timeframe is related to approval of a SAL. Mr. Murfee stated the normal time frame to address SER requests is to respond within two weeks and the Mirasol application has been pending for two months.

Director Barron indicated he would like to understand more and wait to take action.

Director Smith stated he has unique perspective because of his role as County Commissioner for Hays County. He stated Hays and Travis County only have a few mechanisms for controlling development in unincorporated parts of the County. Director Smith stated Texas is a pro land owner state and as such limitations are placed on the ability for counties to regulate who builds. Director Smith continued that his biggest concern is the fact that based on the 1800 acres of land that Mirasol will occupy it's possible for any developer to develop that property with 300 houses and still meet the requirements placed by Hays County. He added if said developer were to go with just septic and rainwater collection then they could go to up to 1800 homes on that property. He stated the Mirasol project gives them the best ability to control the growth in the area. Director Smith provided an explanation of operation of the minimum living unit equivalent (LUE) commitments required by the State of Texas. He continued the WTCPUA must show that the Agency can meet the minimum state mandated capacity required per LUE. He stated the WTCPUA must build for that worst case scenario. Director Smith stated the Counties do not have the additional regulatory and/or statutory authority to institute limitations on development. Director Smith stated this project provides an opportunity to place restrictions on the developer based on water service. Director Smith stated he would think that the neighbors would prefer to have the development as submitted as opposed to 1800 homes on that same property.

Director Barron stated that because he is not familiar with the project, he would like additional time to study the issue as he is not prepared to vote on the item today.

Director Clark stated he understands issues and the project due to the benefit of being on the City of Bee Cave City Council. He stated is ready to take action today if necessary.

President Roberts stated the reasons that he would support this project are that they don't pump out of the river and they don't pump out of the ground. President Roberts continued the WTCPUA has adequately made efforts to have those two things stopped and the WTCPUA has taken care of the issue of extending capacity

to other developers in the area. President Roberts stated he has always honored the request of another Board member. President Roberts confirmed that Director Barron would like to delay action. President Roberts requested the item be brought back in a month. He requested the Agency's Engineer to clarify the calculations for LUE, and sizing calculations. President Roberts instructed staff to be able to discuss enforcement policy of the WTCPUA. He continued the Board's only reason for considering extending service to the development is in order to stop pumping out of the Pedernales River and the Trinity Aquifer.

Director Smith encouraged speakers to review Hays County restrictions and share alternatives that Director Smith may look into.

**MOTION:** A motion was made by President Roberts to bring this item back for discussion at the November 18<sup>th</sup>, 2024 meeting. The motion was seconded by Director Creveling.

The vote was taken with the following result:

Voting Aye: Unanimous

Voting Nay:

Abstained:

Absent:

**C. Discuss, consider and take action on WTCPUA policy regarding future water service limits on Hamilton Pool Road (S. Roberts).**

*(This item may be taken into Executive Session under the consultation with attorney exception).*

President Roberts presented this item and explained it has been the policy of the Agency not to provide service beyond Ranch Road 12 or do so on a limited basis. President Roberts believes a change to this policy is necessary. President Roberts proposed the WTCPUA only provide service to projects West of Ranch Road 12 on Hamilton Pool Road if:

- 1) Provision of service reduces pumpage out of the aquifer and/or the Pedernales River; and
- 2) Contracts for service include a stipulation that irrigation and/or landscape water needs may not be taken from the aquifer or the Pedernales River. Any violation of this provision would result in the WTCPUA's ability to terminate service.

Director Smith joined the Board meeting at 1:32 p.m. and requested that the Board also consider attaching a time table to violation of the policy whereas if a violation occurs, the WTCPUA would provide 60-day notice prior to termination of service.

President Roberts concurred. Directors Smith and President Roberts provided clarification that the policy would only apply to the Hamilton Pool Road area and not the Highway 290 system. Director Clark questioned if consideration would be

given for public entities. President Roberts clarified there would not be additional consideration given to government entities.

**MOTION:** A motion was made by President Roberts to amend Agency policies so that effective October 17, 2024, service west of Ranch Road 12 along Hamilton Pool Road will be limited to developments that do not pump groundwater or surface water from the Pedernales River for any purpose and include provisions in the applicable non-standard service agreement that the agreement and service by the WTCPUA may be terminated within 60 days' notice. The motion was seconded by Director Creveling.

The vote was taken with the following result:

Voting Aye: Unanimous

Voting Nay:

Abstained:

Absent:

**D. Discuss, consider, and take action regarding a Resolution determining and making certain findings and approvals required by Chapter 26 of the Texas Parks and Wildlife Code regarding the Proposed 290W 30" Transmission Main project and alignment (10115 W State Highway 71, Travis County, Texas) (G. Murfee).**

*(This item may be taken into Executive Session under the consultation with attorney exception).*

This item was not taken into Executive session.

**MOTION:** A motion was made by Director Creveling to approve this item as presented in item VIII.D of the Board Packet. The motion was seconded by Director Smith.

The vote was taken with the following result:

Voting Aye: Unanimous

Voting Nay:

Abstained:

Absent:

**E. Discuss, consider and take action on Proposal from Murfee Engineering for Budget Amendment for Uplands Water Treatment Plant Expansion (G. Murfee).**

George Murfee presented this item. Mr. Murfee stated this is an amendment to an existing contract and relates to the site plan receiving approval from the City of Bee Cave and TCEQ requirements. Mr. Murfee continued that this relates to \$57,800, most of which has already been spent.

**PUBLIC COMMENT:**

Bill Bunch provided comment. Mr. Bunch is the Executive Director of the Save our Springs Alliance. Mr. Bunch stated he was opposed to the expansion of the Uplands Water Treatment plant due to the LCRA and City of Austin's hydro modelers predicting less available firm yield water. Mr. Bunch stated this would translate to the legal max that the LCRA can supply public water to utilities like the WTCPUA which represents a 40% cutback. Mr. Bunch stated there will not be a continuing water supply to treat. He requested the Board invest the limited ratepayer funds into reuse projects rather than expansion projects. Mr. Bunch requested the Board serve its existing commitments and acknowledge the state of our water in the Highland Lakes. Mr. Bunch requested this item be placed on hold.

**MOTION:** A motion was made by Director Creveling to approve this item as presented in item VIII.E of the Board Packet. The motion was seconded by Director Barron.

The vote was taken with the following result:

Voting Aye: Unanimous

Voting Nay:

Abstained:

Absent:

**F. Discuss, consider and take action on Proposal from Murfee Engineering Co., Inc. for Engineering Services for 1340 Elevated Storage Tank, Dripping Springs (G. Murfee).**

George Murfee presented this item. Mr. Murfee stated this is a tank that is part of the City of Dripping Springs service area. The City will provide an easement to the WTCPUA. Mr. Murfee continued that the project is imminent and must occur. WTCPUA has already given a commitment to the City for 1,000 LUEs and this tank is needed to fulfill that commitment. President Roberts confirmed that the work is for design and construction.

**MOTION:** A motion was made by Director Smith to approve this item as presented in item VIII.F of the Board Packet. The motion was seconded by President Roberts.

The vote was taken with the following result:

Voting Aye: Unanimous

Voting Nay:

Abstained:

Absent:

**G. Discuss, consider and take action on Proposal from Murfee Engineering Co., Inc. for Engineering Services for 1420 Elevated Storage Tank #2, Hamilton Pool Road (G. Murfee).**

George Murfee presented this item. This is an additional tank that is needed to alleviate issues for the Belvedere Subdivision. President Roberts questioned how big the tank is. Mr. Murfee stated it could be between 600,000 – 1,000,000 gallons for storage. The primary reason for the tank is related to summer needs. President Roberts questioned if this could be done in 1 year or in 9 months. Mr. Murfee stated it could not be done in 9 months but 1 year was possible.

**MOTION:** A motion was made by President Roberts to approve this item as presented in item VIII.G of the Board Packet. The motion was seconded by Director Creveling.

The vote was taken with the following result:

Voting Aye: Unanimous

Voting Nay:

Abstained:

Absent:

**H. Discuss, consider and take action on Proposal from Murfee Engineering Co., Inc. for Budget Amendment for 1240 Elevated Storage Tank Project (G. Murfee).**

George Murfee presented this item. Mr. Murfee stated the Agency just finished the Parten Ranch Tank. Mr. Murfee stated this amendment is intended to pay for work that has already been completed and a small amount that needs to be completed.

**MOTION:** A motion was made by Director Barron to approve this item as presented in item VIII.H of the Board Packet. The motion was seconded by President Roberts.

The vote was taken with the following result:

Voting Aye: Unanimous

Voting Nay:

Abstained:

Absent:

**I. Discuss future meeting schedule (J. Riechers).**

Jennifer Riechers presented this item. Ms. Riechers stated in order to call a public hearing for the upcoming update to the CIP and impact fees, a Board meeting will need to be called in November to meet the publication requirements. Ms. Riechers

suggested November 18<sup>th</sup> at 10:00 a.m. and December 18<sup>th</sup> at 1:00 p.m. Ms. Riechers said she would check on the availability of the meeting location.

## **IX. ADJOURNMENT**

**MOTION:** A motion was made by Director Creveling to adjourn the meeting. The motion was seconded by Director Clark.

The vote was taken with the following result:

Voting Aye: Unanimous

Voting Nay:

Abstained:

Absent:

The meeting was adjourned by President Roberts at 3:20 p.m.

PASSED AND APPROVED this 18th day of November 2024.

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Walt Smith, Secretary  
Board of Directors

## **ITEM B**



West Travis County Public Utility Agency

# Check Report

By Check Number

Date Range: 10/01/2024 - 10/31/2024

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
<b>Bank Code: AP Bank-AP Bank</b>						
00825	Hill Country Texas Galleria, LLC	10/01/2024	EFT	0.00	17,700.61	283
<a href="#">110B10012024</a>	Invoice	10/01/2024	Lease Expense	0.00	17,700.61	
01911	Silver Electric and Solar	10/01/2024	EFT	0.00	1,908.00	284
<a href="#">1002459</a>	Invoice	09/19/2024	PS #7-Install 120V circuit WO #5258	0.00	1,908.00	
02981	SitePro Rentals, Inc.	10/01/2024	EFT	0.00	648.56	285
<a href="#">100456</a>	Invoice	09/18/2024	Repairs to Walk Behind Saw	0.00	258.56	
<a href="#">159344</a>	Invoice	09/17/2024	Service line leak 2725 Fortuna WO #5270	0.00	246.00	
<a href="#">159395</a>	Invoice	09/17/2024	LM Safety Glasses	0.00	144.00	
02779	Geotab USA, Inc	10/15/2024	EFT	0.00	534.48	287
<a href="#">IN402851</a>	Invoice	09/30/2024	Fleet Management Software & GPS Tracki...	0.00	534.48	
02999	3B Fence LLC	10/21/2024	EFT	0.00	10,000.00	289
<a href="#">37</a>	Invoice	08/17/2024	LS #5 Replace Fence WO #4008 5yr plan	0.00	10,000.00	
02764	Malone Wheeler, Inc	10/21/2024	EFT	0.00	900.00	290
<a href="#">24987</a>	Invoice	10/10/2024	Drought Contingency Plan Updates & Filing	0.00	300.00	
<a href="#">24988</a>	Invoice	10/10/2024	Bee Cave Elementary WW Conversion	0.00	600.00	
03005	Texan Municipal and Industrial	10/21/2024	EFT	0.00	332,027.10	291
<a href="#">Southwest Pkwy ...</a>	Invoice	07/24/2024	Southwest Pkwy PS Generator Installation...	0.00	332,027.10	
02997	Total Pressure Washing Texas LLC	10/21/2024	EFT	0.00	19,200.00	292
<a href="#">331-89</a>	Invoice	09/02/2024	Power wash GSTs-PS #2 WO #3975 5yr plan	0.00	5,700.00	
<a href="#">331-90</a>	Invoice	09/02/2024	Power wash piping & basins WTP WO#39...	0.00	6,000.00	
<a href="#">331-91</a>	Invoice	09/02/2024	Power wash piping & basins WTP WO#39...	0.00	7,500.00	
02895	Jennifer Hoff	10/25/2024	EFT	0.00	5,000.00	293
<a href="#">2024.10</a>	Invoice	10/01/2024	Public Relations Services	0.00	5,000.00	
01625	Payton Construction, Inc.	10/25/2024	EFT	0.00	16,717.00	294
<a href="#">SW Pkwy Pump S...</a>	Invoice	09/30/2024	SW Pkwy Pump Station Upgrade-Pay App 2	0.00	16,717.00	
02888	Airco Mechanical, Ltd	10/03/2024	Regular	0.00	1,405.62	8323
<a href="#">0162548-IN</a>	Invoice	09/19/2024	Mechanical work at admin office server A/C	0.00	747.10	
<a href="#">0162958-IN</a>	Invoice	09/25/2024	Mechanical work at admin office server A/C	0.00	658.52	
00245	Brenntag Southwest Inc.	10/03/2024	Regular	0.00	13,495.00	8324
<a href="#">BSW577890</a>	Invoice	09/25/2024	Chlorine for WTP	0.00	13,495.00	
02672	Cintas Corporation	10/03/2024	Regular	0.00	49.50	8325
<a href="#">9290133796</a>	Invoice	09/30/2024	Waterbreak Cooler Agreement - Admin Off..	0.00	49.50	
00725	Generator Field Services LLC	10/03/2024	Regular	0.00	3,560.31	8326
<a href="#">GFS8792</a>	Invoice	09/24/2024	Cummins Mobile Shop - Troubleshoot	0.00	1,816.00	
<a href="#">GFS8797</a>	Invoice	09/26/2024	Cummins Mobile Shop Voltage Repairs	0.00	1,744.31	
00784	Half Associates, Inc.	10/03/2024	Regular	0.00	844.00	8327
<a href="#">10127699</a>	Invoice	09/26/2024	Hays County EMS Station	0.00	300.00	
<a href="#">10127700</a>	Invoice	09/26/2024	Engineering Review - Peacock Preserve De...	0.00	544.00	
00842	HydroPro Solutions, LLC	10/03/2024	Regular	0.00	21,645.00	8328
<a href="#">IN103354</a>	Invoice	09/05/2024	Install pressure monitors-wholesale meter...	0.00	21,645.00	
00850	Impact Fire Services, LLC	10/03/2024	Regular	0.00	2,230.00	8329
<a href="#">10635635</a>	Invoice	09/27/2024	Annual Fire System Inspection Bohls WWTP	0.00	670.00	



Check Report

Date Range: 10/01/2024 - 10/31/2024

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
<a href="#">10636529</a>	Invoice	09/27/2024	Annual Fire System Inspection WTP	0.00	1,560.00	
01310	Lloyd Gosselink Rochelle & Townsend, P.C.	10/03/2024	Regular	0.00	96.00	8330
<a href="#">97553865</a>	Invoice	09/25/2024	Penn Ranch SER	0.00	96.00	
01558	Nelisa Heddin Consulting, LLC	10/03/2024	Regular	0.00	22,337.00	8331
<a href="#">0000583</a>	Invoice	09/11/2024	Cost of Service and Rate Design Study (85...	0.00	5,474.00	
<a href="#">0000584</a>	Invoice	09/11/2024	2024 Impact Fee Study 75% Completion	0.00	7,117.50	
<a href="#">0000590</a>	Invoice	09/29/2024	Utility Rate Study 90% Completion	0.00	5,475.00	
<a href="#">0000591</a>	Invoice	09/29/2024	2024 Impact Fee Study 90% Completion	0.00	4,270.50	
02037	The Bridge Group	10/03/2024	Regular	0.00	14,140.00	8332
<a href="#">2024-0110</a>	Invoice	09/27/2024	Monthly Construction Inspection Fees	0.00	14,140.00	
02855	The Posey Law Firm PC	10/03/2024	Regular	0.00	3,500.00	8336
<a href="#">6895</a>	Invoice	10/01/2024	Lobby Services - Oct 2024	0.00	3,500.00	
02143	USA BlueBook	10/03/2024	Regular	0.00	757.52	8337
<a href="#">INC00495270</a>	Invoice	09/25/2024	Consumables for WTP	0.00	757.52	
02177	Wastewater Transport Services, LLC	10/03/2024	Regular	0.00	3,081.75	8338
<a href="#">11130185</a>	Invoice	09/16/2024	Emergency Service - Lakepointe	0.00	3,081.75	
00014	Access Controls of Austin	10/11/2024	Regular	0.00	175.00	8342
<a href="#">44356</a>	Invoice	09/24/2024	Service Call - Troubleshoot Gate PS#4 WO#..	0.00	175.00	
00245	Brenntag Southwest Inc.	10/11/2024	Regular	0.00	4,148.00	8343
<a href="#">BSW579259</a>	Invoice	10/03/2024	Chemicals for Bohls WWTP	0.00	2,074.00	
<a href="#">BSW579530</a>	Invoice	10/03/2024	Chemicals for Lakepointe WWTP	0.00	2,074.00	
02672	Cintas Corporation	10/11/2024	Regular	0.00	727.56	8344
<a href="#">5233305010</a>	Invoice	10/04/2024	Medical Kit Replenishment @ WTP	0.00	281.85	
<a href="#">5233305067</a>	Invoice	10/04/2024	Medical Kit Replenishment @ Lakepointe...	0.00	145.71	
<a href="#">9290133940</a>	Invoice	09/30/2024	ZollPlus AED Bohls WWTP	0.00	100.00	
<a href="#">9290134102</a>	Invoice	09/30/2024	ZollPlus AED Lakepointe WWTP	0.00	100.00	
<a href="#">9290139937</a>	Invoice	09/30/2024	ZollPlus AED WTP	0.00	100.00	
00447	Core & Main LP	10/11/2024	Regular	0.00	5,729.95	8345
<a href="#">V621729</a>	Invoice	09/30/2024	LM County Line Inventory	0.00	5,729.95	
02903	Cy'Services	10/11/2024	Regular	0.00	5,186.30	8346
<a href="#">24-0090</a>	Invoice	09/27/2024	Monthly Grounds Maintenance - August 2...	0.00	5,186.30	
00686	Ferguson Enterprises, Inc.	10/11/2024	Regular	0.00	563.98	8347
<a href="#">1311934</a>	Invoice	10/03/2024	CL Stock Supplies	0.00	563.98	
00725	Generator Field Services LLC	10/11/2024	Regular	0.00	4,898.69	8348
<a href="#">GFS8786</a>	Invoice	09/25/2024	Service Call-EQ-15	0.00	4,898.69	
00752	Grainger	10/11/2024	Regular	0.00	480.21	8349
<a href="#">9266508499</a>	Invoice	10/01/2024	EMD Stock Supplies	0.00	160.07	
<a href="#">9266508507</a>	Invoice	10/01/2024	EMD Stock Supplies	0.00	160.07	
<a href="#">9266508515</a>	Invoice	10/01/2024	Supplies for HSP Building WO# 5337	0.00	160.07	
00842	HydroPro Solutions, LLC	10/11/2024	Regular	0.00	158.67	8350
<a href="#">V714848</a>	Invoice	09/27/2024	Replace 12" Wholesale Meter-Masonwood..	0.00	158.67	
02655	Infosend, Inc	10/11/2024	Regular	0.00	5,798.67	8351
<a href="#">272694</a>	Invoice	10/01/2024	Billing Support	0.00	5,798.67	
01310	Lloyd Gosselink Rochelle & Townsend, P.C.	10/11/2024	Regular	0.00	23,280.73	8352
<a href="#">97553193</a>	Invoice	09/23/2024	General Counsel	0.00	8,250.00	
<a href="#">97553195</a>	Invoice	09/23/2024	Backyard	0.00	872.00	
<a href="#">97553196</a>	Invoice	09/23/2024	Parten Ranch Phase 6 & 7	0.00	958.97	
<a href="#">97553198</a>	Invoice	09/23/2024	1080 Transmission Main	0.00	576.00	

Check Report

Date Range: 10/01/2024 - 10/31/2024

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
<a href="#">97553201</a>	Invoice	09/23/2024	Wild Ridge/Cynosure	0.00	1,491.00	
<a href="#">97553202</a>	Invoice	09/23/2024	Wayfinder Lookout Apartment SER Review	0.00	601.53	
<a href="#">97553203</a>	Invoice	09/23/2024	Ledgestone Terrace Apts Endeavor	0.00	2,398.63	
<a href="#">97553204</a>	Invoice	09/23/2024	8921 Hwy 290 West SER Ardent	0.00	517.44	
<a href="#">97553210</a>	Invoice	09/23/2024	LTISD Elementary School #9	0.00	264.00	
<a href="#">97553211</a>	Invoice	09/23/2024	Pearl at Bee Cave	0.00	606.63	
<a href="#">97553212</a>	Invoice	09/23/2024	Silver Creek/Lunaroya	0.00	264.00	
<a href="#">97553213</a>	Invoice	09/23/2024	Hays ESD #6 Station #62	0.00	424.00	
<a href="#">97553214</a>	Invoice	09/23/2024	Bee Cave Urgent Care SER	0.00	325.53	
<a href="#">97553217</a>	Invoice	09/23/2024	Los Robles SER	0.00	1,259.00	
<a href="#">97553341</a>	Invoice	09/16/2024	Hamad Litigation (CIP-1240)	0.00	97.50	
<a href="#">97553863</a>	Invoice	09/25/2024	General Operations	0.00	3,246.50	
<a href="#">97553870</a>	Invoice	09/25/2024	Provence Sections 1-7	0.00	1,128.00	
02916	Machining & Valve Automation Services, LLC	10/11/2024	Regular	0.00	5,652.00	8354
<a href="#">2024-400553</a>	Invoice	10/04/2024	WTP Unit1-Filter 2 T/S Effluent valve actu...	0.00	5,652.00	
01349	Marcelo's Sand & Loam	10/11/2024	Regular	0.00	1,050.05	8355
<a href="#">598383</a>	Invoice	09/30/2024	1" Crushed Rock - PS #7 County Line	0.00	754.30	
<a href="#">598384</a>	Invoice	09/30/2024	3/8 F Crushed Lime - PS #7 County Line	0.00	295.75	
01434	McCoy's Building Supply	10/11/2024	Regular	0.00	236.67	8356
<a href="#">6927201</a>	Invoice	09/30/2024	Supplies for Barton Creek West Vault WO#...	0.00	64.90	
<a href="#">7436016</a>	Invoice	09/27/2024	LM Consumables	0.00	75.88	
<a href="#">7436031</a>	Invoice	09/27/2024	Shovel for LM Truck 2404	0.00	34.99	
<a href="#">7436128</a>	Invoice	09/30/2024	Supplies for Barton Creek West Vault WO#...	0.00	60.90	
01543	Murfee Engineering Company Inc.	10/11/2024	Regular	0.00	51,713.79	8357
<a href="#">51537</a>	Invoice	09/25/2024	290 Parallel Water TM Easement Acquisti...	0.00	34,389.30	
<a href="#">51538</a>	Invoice	09/25/2024	General Eng Services FYE 9/30/2024	0.00	10,850.74	
<a href="#">51545</a>	Invoice	09/25/2024	Wholesale Supply Flow Control Valves	0.00	3,137.50	
<a href="#">51562</a>	Invoice	09/25/2024	UWTP TM Line Easemenets and Env Appro...	0.00	3,336.25	
02508	Quadient Postage Funding	10/11/2024	Regular	0.00	200.00	8358
<a href="#">7711 2024.09</a>	Invoice	10/01/2024	Postage Fees	0.00	200.00	
01718	Rent Equip, LLC	10/11/2024	Regular	0.00	7.62	8359
<a href="#">879670-2-A</a>	Invoice	09/05/2024	Service line leak 5403 Carbine Cir WO #52...	0.00	7.62	
02812	Savior Service Company	10/11/2024	Regular	0.00	990.00	8360
<a href="#">4296</a>	Invoice	10/08/2024	WTP Unit #2-Install air/water seperator ...	0.00	990.00	
02985	Sheets & Crossfield, PLLC	10/11/2024	Regular	0.00	940.00	8361
<a href="#">62432</a>	Invoice	09/30/2024	Eminent Domain Services	0.00	940.00	
02909	Sheridan Environmental	10/11/2024	Regular	0.00	1,025.00	8362
<a href="#">17202196</a>	Invoice	09/30/2024	Sludge Disposal - Bohls WWTP	0.00	1,025.00	
01907	Shows Utilities, Inc.	10/11/2024	Regular	0.00	4,500.00	8363
<a href="#">18</a>	Invoice	09/23/2024	8210 Bear Creek-Water Tap WO #5225	0.00	4,500.00	
02013	Techline Pipe, LP	10/11/2024	Regular	0.00	12,850.00	8364
<a href="#">1147226-00</a>	Invoice	10/04/2024	Hatch Meter for Barton Creek West Vault...	0.00	12,850.00	
02029	Texas Excavation Safety System, Inc.	10/11/2024	Regular	0.00	547.40	8365
<a href="#">24-17355</a>	Invoice	09/30/2024	Message Fees - September 2024	0.00	547.40	
02133	Tyler Technologies, Inc	10/11/2024	Regular	0.00	14,831.55	8366
<a href="#">025-481584</a>	Invoice	09/30/2024	Insite Transaction Fees - Quarterly Billing	0.00	14,801.25	
<a href="#">025-482009</a>	Invoice	09/30/2024	Subscription - Utility Billing Notification Cal..	0.00	30.30	
02138	United Site Services of Texas, Inc.	10/11/2024	Regular	0.00	517.63	8367
<a href="#">INV-4812550</a>	Invoice	09/25/2024	County Line Pump Station - 12004 W Hwy ...	0.00	174.25	
<a href="#">INV-4812792</a>	Invoice	09/25/2024	Bee Cave EST - 5010 Avispa Bonita	0.00	343.38	

Check Report

Date Range: 10/01/2024 - 10/31/2024

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
02785	US OXO, LLC	10/11/2024	Regular	0.00	46.50	8368
<a href="#">39604</a>	Invoice	09/30/2024	Rental/Lease for Acetylene and Oxygen Cyl..	0.00	46.50	
02143	USA BlueBook	10/11/2024	Regular	0.00	735.99	8369
<a href="#">INV00500238</a>	Invoice	10/01/2024	Add odor control at Lakepointe WWTP WO..	0.00	735.99	
02177	Wastewater Transport Services, LLC	10/11/2024	Regular	0.00	80,472.74	8370
<a href="#">11129664</a>	Invoice	09/30/2024	Sludge Disposal - WTP	0.00	34,877.50	
<a href="#">11129970</a>	Invoice	09/30/2024	Sludge Disposal - Lakepointe WWTP	0.00	19,162.50	
<a href="#">11130096</a>	Invoice	09/22/2024	Emergency Service - WTP	0.00	21,162.51	
<a href="#">11130297</a>	Invoice	09/26/2024	Lift Station Cleaning - Lakepointe WWTP	0.00	5,270.23	
00018	ACT Pipe & Supply	10/18/2024	Regular	0.00	4,150.19	8371
<a href="#">S101129022.001</a>	Invoice	09/06/2024	Hydrant leaking 280 Lonely Pine Cv-WO #...	0.00	153.17	
<a href="#">S101130719.001</a>	Invoice	09/12/2024	Hydrant leaking 280 Lonely Pine Cv-WO #...	0.00	3,081.42	
<a href="#">S101132965.001</a>	Invoice	09/23/2024	11307 Zyle Ln Make Water Tap-WO #5262	0.00	254.11	
<a href="#">S101133716.001</a>	Invoice	09/19/2024	Hydrant leaking 280 Lonely Pine Cv-WO #...	0.00	661.49	
00209	Bill Bailey's Signs Corp.	10/18/2024	Regular	0.00	550.00	8372
<a href="#">18721</a>	Invoice	10/08/2024	Vehicle Labels for Truck 2406	0.00	550.00	
02672	Cintas Corporation	10/18/2024	Regular	0.00	60.48	8373
<a href="#">5234891201</a>	Invoice	10/15/2024	Medical Kit Replenishment - Admin Office	0.00	60.48	
00752	Grainger	10/18/2024	Regular	0.00	447.07	8374
<a href="#">9271818107</a>	Invoice	10/04/2024	Fire Extinguisher for LM New Truck 2406	0.00	52.20	
<a href="#">9271951858</a>	Invoice	10/04/2024	First Aid Kit for LM New Truck	0.00	153.57	
<a href="#">9276400612</a>	Invoice	10/09/2024	EMD Consumables	0.00	241.30	
00842	HydroPro Solutions, LLC	10/18/2024	Regular	0.00	9,303.96	8375
<a href="#">IN103584</a>	Invoice	10/11/2024	12" Meter Replacement-Del Dios Way WO...	0.00	9,303.96	
01310	Lloyd Gosselink Rochelle & Townsend, P.C.	10/18/2024	Regular	0.00	2,078.00	8376
<a href="#">97553200</a>	Invoice	09/23/2024	Lake Pointe -Easements RW TM #2	0.00	1,782.00	
<a href="#">97554582</a>	Invoice	10/11/2024	17511 Hamilton Pool Rd	0.00	296.00	
01349	Marcelo's Sand & Loam	10/18/2024	Regular	0.00	54.00	8377
<a href="#">599169</a>	Invoice	10/10/2024	Clean up @ Facility LK WWTP WO #5224	0.00	54.00	
01434	McCoy's Building Supply	10/18/2024	Regular	0.00	661.35	8378
<a href="#">50622</a>	Invoice	10/11/2024	EMD Consumables	0.00	34.93	
<a href="#">6927753</a>	Invoice	10/09/2024	Raising valve stacks WO #4777	0.00	54.68	
<a href="#">6927774</a>	Invoice	10/04/2024	Raising valve stacks WO #4777	0.00	19.96	
<a href="#">6927921</a>	Invoice	10/10/2024	LM Consumables	0.00	102.90	
<a href="#">6928069</a>	Invoice	10/15/2024	Raising valve stacks WO #4777	0.00	22.95	
<a href="#">6928108</a>	Invoice	10/15/2024	Hydraulic Oil for EQ-11	0.00	59.99	
<a href="#">6928141</a>	Invoice	10/16/2024	Reinforce shelves at County Line WO #5407	0.00	127.80	
<a href="#">6928179</a>	Invoice	10/16/2024	LM Consumables-Truck #702	0.00	43.96	
<a href="#">7436645</a>	Invoice	10/08/2024	Valves-Hamilton Pool supplies for pad WO...	0.00	48.55	
<a href="#">7436740</a>	Invoice	10/09/2024	Repair fire hydrant-1302 Crystal Creek WO...	0.00	40.73	
<a href="#">7436779</a>	Invoice	10/10/2024	LM Consumables	0.00	104.90	
02107	Travis County Clerk	10/18/2024	Regular	0.00	37,700.00	8379
<a href="#">Hwy 290 Project...</a>	Invoice	10/15/2024	Hwy 290 Project-Easement Occorp 27	0.00	37,700.00	
02133	Tyler Technologies, Inc	10/18/2024	Regular	0.00	87,864.39	8380
<a href="#">025-476426</a>	Invoice	10/01/2024	Annual Fee 10/2024 - 9/2025	0.00	87,864.39	
00018	ACT Pipe & Supply	10/24/2024	Regular	0.00	1,256.64	8381
<a href="#">S101122917.001</a>	Invoice	09/09/2024	Stock Supplies for County Line	0.00	797.13	
<a href="#">S101129019.001</a>	Invoice	09/06/2024	Stock Supplies for County Line	0.00	459.51	
02826	Aerzen USA Corp	10/24/2024	Regular	0.00	486.24	8382
<a href="#">SEPI-24-003263</a>	Invoice	09/01/2024	Bohls WWTP-Oil used on Blower #1 after r...	0.00	486.24	

Check Report

Date Range: 10/01/2024 - 10/31/2024

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
00102	Aqua-Tech Laboratories, Inc	10/24/2024	Regular	0.00	5,127.25	8383
<a href="#">73447</a>	Invoice	09/20/2024	August 2024 Analysis - Lakepointe WWTP	0.00	1,322.50	
<a href="#">73448</a>	Invoice	09/20/2024	August 2024 Analysis - Bohls WWTP	0.00	1,650.50	
<a href="#">73449</a>	Invoice	09/20/2024	August 2024 Analysis WTP	0.00	204.25	
<a href="#">73622</a>	Invoice	09/30/2024	August 2024 Analysis	0.00	1,950.00	
00144	Austin Engineering Inc	10/24/2024	Regular	0.00	682,645.93	8384
<a href="#">1080 Transmissio...</a>	Invoice	09/30/2024	1080 Transmission Main Segment B - Pay ...	0.00	682,645.93	
00245	Brenntag Southwest Inc.	10/24/2024	Regular	0.00	13,495.00	8385
<a href="#">BSW580479</a>	Invoice	10/08/2024	Chlorine for WTP	0.00	13,495.00	
02672	Cintas Corporation	10/24/2024	Regular	0.00	94.63	8386
<a href="#">5234891205</a>	Invoice	10/15/2024	Medical Kit Replenishment - Bohls WWTP	0.00	94.63	
00603	DSHS Central Lab	10/24/2024	Regular	0.00	165.00	8387
<a href="#">CEN.CD0580920...</a>	Invoice	10/03/2024	Lab Fees	0.00	165.00	
02986	EVT Construction LLC	10/24/2024	Regular	0.00	11,519.19	8388
<a href="#">Ledgestone Terra...</a>	Invoice	08/05/2024	Ledgestone Terrace Waterline Relocation-...	0.00	7,044.43	
<a href="#">Ledgestone Terra...</a>	Invoice	09/24/2024	Ledgestone Terrace Waterline Reloc-Pay ...	0.00	4,474.76	
00752	Grainger	10/24/2024	Regular	0.00	500.63	8389
<a href="#">9277979887</a>	Invoice	10/10/2024	Pallet Jack for EMD Shop	0.00	500.63	
01239	Landmark Structures, LP	10/24/2024	Regular	0.00	14,516.95	8390
<a href="#">1240 Elevated St...</a>	Invoice	09/30/2024	1240 Elevated Storage Tank - Pay App 14	0.00	14,516.95	
01310	Lloyd Gosselink Rochelle & Townsend, P.C.	10/24/2024	Regular	0.00	294.00	8391
<a href="#">97553867</a>	Invoice	09/25/2024	Provence	0.00	294.00	
01434	McCoy's Building Supply	10/24/2024	Regular	0.00	8.35	8392
<a href="#">7436546</a>	Invoice	10/07/2024	MT Supplies Truck #2209	0.00	143.29	
<a href="#">7437430</a>	Credit Memo	10/21/2024	Padlocks for LM Lockers-Rtn	0.00	-134.94	
03011	Morton Morrow Inc.	10/24/2024	Regular	0.00	880.00	8393
<a href="#">INV-4581</a>	Invoice	09/18/2024	2024 Annual SCBA Service	0.00	880.00	
02027	Texas Community Propane, Ltd	10/24/2024	Regular	0.00	20.04	8394
<a href="#">FAL01618 10/24</a>	Invoice	10/09/2024	Gas Expense 3925 Sugarloaf Dr	0.00	20.04	
02143	USA BlueBook	10/24/2024	Regular	0.00	1,254.26	8395
<a href="#">INV00513383</a>	Invoice	10/15/2024	Schonstedt Magnetic Locator LM Truck #2...	0.00	1,254.26	
00128	AT&T	10/01/2024	Bank Draft	0.00	1,399.52	DFT0003395
<a href="#">20240705</a>	Invoice	07/05/2024	Telephone Expense - Consolidated Bill	0.00	1,536.44	
<a href="#">20240805</a>	Invoice	08/05/2024	Telephone Expense - Consolidated Bill	0.00	1,538.81	
<a href="#">20240905</a>	Invoice	09/05/2024	Telephone Expense - Consolidated Bill	0.00	1,433.99	
<a href="#">CM0000031</a>	Credit Memo	06/30/2024	Telephone Expense - Consolidated Bill	0.00	-3,109.72	
00416	City of Austin	10/04/2024	Bank Draft	0.00	251.84	DFT0003396
<a href="#">540915428636</a>	Invoice	09/18/2024	Utility Expense	0.00	251.84	
00416	City of Austin	10/03/2024	Bank Draft	0.00	415.21	DFT0003401
<a href="#">398630766870</a>	Invoice	09/17/2024	Utility Expense	0.00	415.21	
00416	City of Austin	10/02/2024	Bank Draft	0.00	67.51	DFT0003402
<a href="#">224342667196</a>	Invoice	09/16/2024	Utility Expense	0.00	67.51	
02912	AT&T Mobility II, LLC	10/09/2024	Bank Draft	0.00	2,002.79	DFT0003404
<a href="#">X0923204</a>	Invoice	09/15/2024	FirstNet Staff Wireless Expense-9/16/24-1...	0.00	2,002.79	
02918	Cintas	10/10/2024	Bank Draft	0.00	171.95	DFT0003405
<a href="#">INV0002112</a>	Invoice	09/25/2024	Scraper & Mats for WTP	0.00	171.95	
02896	CPH Holdings, LLC	10/03/2024	Bank Draft	0.00	2,500.00	DFT0003406

Check Report

Date Range: 10/01/2024 - 10/31/2024

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
<a href="#">2024.12.20</a>	Invoice	10/02/2024	Christmas Party Venue Rental Fee 12/20/...	0.00	2,500.00	
02896	CPH Holdings, LLC		10/03/2024 Bank Draft	0.00	-2,500.00	DFT0003406
02700	WEX Bank		10/11/2024 Bank Draft	0.00	6,154.86	DFT0003408
<a href="#">99824006</a>	Invoice	09/23/2024	Fuel Purchases	0.00	6,154.86	
02066	Spectrum		10/07/2024 Bank Draft	0.00	479.87	DFT0003409
<a href="#">1847512010921</a>	Invoice	09/21/2024	Internet Lakepointe & WTP - Phone Servic...	0.00	479.87	
02756	Enterprise FM Trust		10/22/2024 Bank Draft	0.00	19,966.78	DFT0003413
<a href="#">609436-100424</a>	Invoice	10/04/2024	Enterprise Fleet Monthly Vehicle Charges	0.00	19,966.78	
02026	Texas Commission on Environmental Quality		10/18/2024 Bank Draft	0.00	1,250.00	DFT0003414
<a href="#">CWQ0078109</a>	Invoice	10/10/2024	Lakepointe WWTP Permit Fee - FY '25	0.00	1,250.00	
02862	Divvy Inc.		10/01/2024 Bank Draft	0.00	4,878.96	DFT0003416
<a href="#">2024.09.30</a>	Invoice	09/30/2024	Divvy Card Purchases	0.00	4,878.96	
00133	AT&T- Internet		10/17/2024 Bank Draft	0.00	939.68	DFT0003417
<a href="#">2669723908</a>	Invoice	09/11/2024	Internet & Phone Service Admin	0.00	943.42	
<a href="#">2669723908-01</a>	Credit Memo	09/11/2024	Credit for Late Fee	0.00	-3.74	
00128	AT&T		10/17/2024 Bank Draft	0.00	-1,646.96	DFT0003425
00128	AT&T		10/17/2024 Bank Draft	0.00	1,646.96	DFT0003425
<a href="#">20241005</a>	Invoice	10/05/2024	Telephone Expense - Consolidated Bill	0.00	1,646.96	
00416	City of Austin		10/28/2024 Bank Draft	0.00	135,767.34	DFT0003426
<a href="#">071210452616</a>	Invoice	10/09/2024	Utility Expense	0.00	135,658.78	
<a href="#">399400366890</a>	Invoice	10/11/2024	Utility Expense	0.00	108.56	
01583	Office Depot		10/29/2024 Bank Draft	0.00	154.61	DFT0003427
<a href="#">6419-2024.10</a>	Invoice	10/04/2024	Office Supplies	0.00	154.61	
01324	Lower Colorado River Authority		10/30/2024 Bank Draft	0.00	157,658.23	DFT0003428
<a href="#">00549492 9/24</a>	Invoice	09/30/2024	Purchase Water	0.00	151,886.03	
<a href="#">00549839 9/24</a>	Invoice	09/30/2024	Purchase Water	0.00	4,322.00	
<a href="#">LAB-0077941</a>	Invoice	09/27/2024	Lab Fees	0.00	1,450.00	
01324	Lower Colorado River Authority		10/30/2024 Bank Draft	0.00	-157,658.23	DFT0003428
00416	City of Austin		10/31/2024 Bank Draft	0.00	28,424.72	DFT0003429
<a href="#">718836688884</a>	Invoice	10/14/2024	Utility Expense	0.00	28,424.72	
01629	Pedernales		10/27/2024 Bank Draft	0.00	13,600.53	DFT0003431
<a href="#">0927 2024.10</a>	Invoice	10/08/2024	Electric Charges - Pump Station 7 New Me...	0.00	5,713.59	
<a href="#">0950 2024.10</a>	Invoice	10/08/2024	Electric Charges - Pump Station 7	0.00	41.56	
<a href="#">5199 2024.10</a>	Invoice	10/08/2024	Electric Charges - EST 2	0.00	52.48	
<a href="#">6270 2024.10</a>	Invoice	10/08/2024	Electric Charges - Pump Station 5	0.00	2,174.67	
<a href="#">6483 2024.10</a>	Invoice	10/08/2024	Electric Charges - Pump Station 7	0.00	5,580.73	
<a href="#">6972 2024.10</a>	Invoice	10/08/2024	Electric Expense - Pump Station 6	0.00	37.50	
02862	Divvy Inc.		10/08/2024 Bank Draft	0.00	25,180.76	DFT0003435
<a href="#">2024.09</a>	Invoice	09/30/2024	Divvy Card Purchases	0.00	1,050.90	
<a href="#">2024.10.07</a>	Invoice	10/07/2024	Divvy Card Purchases	0.00	24,129.86	
00416	City of Austin		10/22/2024 Bank Draft	0.00	34,699.87	DFT0003436
<a href="#">441439141648</a>	Invoice	10/02/2024	Utility Expense	0.00	34,699.87	
02862	Divvy Inc.		10/15/2024 Bank Draft	0.00	6,146.75	DFT0003446
<a href="#">2024.10.14</a>	Invoice	10/14/2024	Divvy Card Purchases	0.00	6,146.75	
01707	Ready Refresh		10/21/2024 Bank Draft	0.00	59.96	DFT0003447
<a href="#">04J0126896174</a>	Invoice	10/18/2024	Water Delivery & Rental Fees	0.00	59.96	
02862	Divvy Inc.		10/21/2024 Bank Draft	0.00	11,026.18	DFT0003448
<a href="#">2024.10.21</a>	Invoice	10/21/2024	Divvy Card Purchases	0.00	11,026.18	

Check Report

Date Range: 10/01/2024 - 10/31/2024

Vendor Number Payable #	Vendor Name Payable Type	Post Date	Payment Date Payable Description	Payment Type	Discount Amount Discount Amount	Payment Amount Payable Amount	Number
02862 <a href="#">2024.10.20</a>	Divvy Inc. Invoice	10/20/2024	10/22/2024 Divvy Reimbursement	Bank Draft	0.00 0.00	152.56 152.56	DFT0003449
02862 <a href="#">2024.10.23</a>	Divvy Inc. Invoice	10/23/2024	10/24/2024 Divvy Reimbursment	Bank Draft	0.00 0.00	152.56 152.56	DFT0003450
02862 <a href="#">2024.10.28</a>	Divvy Inc. Invoice	10/28/2024	10/29/2024 Divvy Card Purchases	Bank Draft	0.00 0.00	8,969.73 8,969.73	DFT0003451
00863 <a href="#">JTXG497</a>	Iron Mountain Invoice	09/30/2024	10/22/2024 Monthly Subscription	Bank Draft	0.00 0.00	299.00 299.00	DFT0003452
03015 <a href="#">4487G8257-10/24</a>	Travelers Invoice	10/14/2024	10/28/2024 Liability Policy Annual Premium	Bank Draft	0.00 0.00	16,259.00 16,259.00	DFT0003453
01324 <a href="#">00549492 9/24</a> <a href="#">00549492 9/24-1</a> <a href="#">00549839 9/24</a> <a href="#">00549839 9/24-1</a>	Lower Colorado River Authority Invoice Invoice Invoice Invoice	09/30/2024 09/30/2024 09/30/2024 09/30/2024	10/02/2024 Purchase Water Purchase Water Purchase Water Purchase Water	Bank Draft	0.00 0.00 0.00 0.00	156,390.23 151,886.03 176.90 4,322.00 5.30	DFT0003455
02906 <a href="#">Event 2426</a>	Peak Beverage Texas, LLC Invoice	11/06/2024	10/04/2024 Beverage Service- Employee Holiday Party	Bank Draft	0.00 0.00	1,554.40 1,554.40	DFT0003456
02862 <a href="#">2024.10.31</a>	Divvy Inc. Invoice	10/31/2024	10/31/2024 Divvy Card Reimbursements	Bank Draft	0.00 0.00	1,136.56 1,136.56	DFT0003457
00128 <a href="#">20241005</a>	AT&T Invoice	10/05/2024	10/30/2024 Telephone Expense - Consolidated Bill	Bank Draft	0.00 0.00	1,646.96 1,646.96	DFT0003462
03014 <a href="#">53091268</a>	Texas Mutual Insurance Company Invoice	10/07/2024	10/28/2024 FY 2025 Workers Comp Initial Premium	Bank Draft	0.00 0.00	45,464.00 45,464.00	DFT0003468

Bank Code AP Bank Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	130	66	0.00	1,189,739.95
Manual Checks	0	0	0.00	0.00
Voided Checks	0	0	0.00	0.00
Bank Drafts	50	37	0.00	525,064.69
EFT's	15	10	0.00	404,635.75
	<b>195</b>	<b>113</b>	<b>0.00</b>	<b>2,119,440.39</b>

### All Bank Codes Check Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	130	66	0.00	1,189,739.95
Manual Checks	0	0	0.00	0.00
Voided Checks	0	0	0.00	0.00
Bank Drafts	50	37	0.00	525,064.69
EFT's	15	10	0.00	404,635.75
	<b>195</b>	<b>113</b>	<b>0.00</b>	<b>2,119,440.39</b>

### Fund Summary

Fund	Name	Period	Amount
99	Pooled Cash	10/2024	2,119,440.39
			<b>2,119,440.39</b>

**West Travis County Public Utility Agency  
Investment Report  
Quarter Ended September 30, 2024**

BOARD OF DIRECTORS  
West Travis County Public Utility Agency

Attached is the Quarterly Investment Report for the Quarter Ended September 30, 2024.

This report and the Agency's investment portfolio are in compliance with the investment strategies set forth in the Agency's investment policy and the Public Funds Investment Act.


The Investment Officer must attend at least one training seminar for six hours within twelve months of taking office and at least four hours of training within each two year period thereafter.

Biennial Training Compliance Record:

Investment Officer:	Training:
Jennifer Smith	August 11-12, 2021 (UNT Center for Public Management/GTOT) - 10 hours
Jennifer Riechers	August 11-12, 2021 (UNT Center for Public Management/GTOT) - 10 hours
Jennifer Smith	March 20, 2023 (UNT Center for Public Management/GTOT) - 6 hours
Jennifer Riechers	March 20, 2023 (UNT Center for Public Management/GTOT) - 6 hours
Jennifer Smith	October 15, 2024 (North Central Texas Council of Governements) - 6 hours

This report was presented for Board approval at the November 2024 Board of Directors' meeting.

  
\_\_\_\_\_  
Jennifer Riechers  
General Manager  
Primary Investment Officer

  
\_\_\_\_\_  
Jennifer Smith, CPA  
Controller  
Investment Officer



**Investment Accounts Activity Summary**

All Funds	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	Sep-24	FY 2024
Beginning Balance	\$ 81,618,958.08	\$ 81,924,604.71	\$ 82,722,313.11	\$ 83,630,690.57	\$ 83,996,601.40	\$ 83,729,353.33	\$ 84,056,340.17	\$ 83,819,584.55	\$ 84,403,757.80	\$ 84,822,902.12	\$ 85,834,219.27	\$ 86,583,796.42	\$ 81,618,958.08
Interest	125,983.75	126,934.61	129,818.37	113,548.47	161,515.80	116,655.14	133,179.83	136,556.55	249,369.12	100,184.23	147,893.09	154,060.18	1,695,699.14
Accrued Interest Change	6,568.30	16,258.47	(8,611.75)	27,244.32	(16,492.20)	34,827.06	24,015.84	26,183.48	(85,347.27)	63,623.69	16,973.05	9,455.40	114,698.39
Net Amortization	118,253.71	53,618.44	214,131.61	(18,484.53)	30,901.93	4,745.58	96,672.89	86,104.43	31,334.93	60,705.39	108,620.26	129,756.56	916,361.20
Realized Gain (Loss)	(24,426.56)	(169,823.69)	(24,201.81)	(146,883.90)	1,957.32	(33,287.80)	(108,955.33)	(8,384.36)	(6,124.34)	(37,137.47)	(37,672.19)	(20,455.79)	(615,395.92)
Unrealized Gain (Loss)	81,840.13	797,693.72	598,959.17	393,957.86	(416,567.47)	207,398.94	(380,020.93)	346,265.93	258,705.31	826,059.04	515,689.07	475,948.02	3,705,928.79
Fees-Truist	(2,572.70)	(1,353.15)	(1,718.13)	(3,471.39)	(2,586.45)	(3,352.08)	(1,647.92)	(2,552.78)	(2,748.43)	(2,117.73)	(1,926.13)	(2,801.92)	(28,848.81)
Fees-Sterling	-	(25,620.00)	-	-	(25,977.00)	-	-	-	(26,045.00)	-	-	(26,192.00)	(103,834.00)
Ending Balance	\$ 81,924,604.71	\$ 82,722,313.11	\$ 83,630,690.57	\$ 83,996,601.40	\$ 83,729,353.33	\$ 84,056,340.17	\$ 83,819,584.55	\$ 84,403,757.80	\$ 84,822,902.12	\$ 85,834,219.27	\$ 86,583,796.42	\$ 87,303,566.87	\$ 87,303,566.87

	Total by Fund
Impact Fee Fund	\$ 32,354,170.93
Capital Projects Fund	27,502,485.27
Debt Service Fund	14,101,281.79
Facilities Fund	6,523,907.34
General Operating Fund	3,427,144.38
Rate Stabilization Fund	3,394,577.16
	<u>\$ 87,303,566.87</u>

Portfolio Performance (net)	Time Weighted Return		
	One Month	Last Quarter	Fiscal YTD
	Sep-24	Jul 24-Sep 24	Oct 23-Sep 24
	0.87%	2.97%	7.14%

	Total by Type
Cash/Due to Brokers	\$ -
Accrued Income	544,662.89
Money Market	258,733.60
US Govt Agency Bonds/Notes	31,791,319.10
Municipal Obligations	39,994,675.25
Corporate Obligations	14,714,176.03
	<u>\$ 87,303,566.87</u>



BALANCE SHEET

7/01/24 THROUGH 9/30/24

ACCOUNT M30024

WTCPUA

	<u>COST BEGINNING</u>	<u>MARKET VALUE BEGINNING</u>	<u>COST ENDING</u>	<u>MARKET VALUE ENDING</u>	<u>% OF TOTAL</u>
STIF & MONEY MARKET FUNDS	393,098.17	393,098.17	258,733.60	258,733.60	0.30
U.S. GOVERNMENT & AGENCY BONDS	33,453,247.94	33,334,061.82	31,222,477.34	31,791,319.10	36.64
CORPORATE OBLIGATIONS	10,507,598.07	10,487,539.33	14,425,443.04	14,714,176.03	16.96
MUNICIPAL OBLIGATIONS	40,629,139.25	40,153,592.05	39,649,345.93	39,994,675.25	46.10
CASH	0.00	0.00	0.00	0.00	0.00
PENDING CASH	0.00	0.00	0.00	0.00	0.00
<b>TOTAL ASSETS</b>	<b>84,983,083.43</b>	<b>84,368,291.37</b>	<b>85,555,999.91</b>	<b>86,758,903.98</b>	<b>100.00</b>
ACCRUED INCOME	454,610.75	454,610.75	544,662.89	544,662.89	
<b>ACCOUNT TOTAL</b>	<b>85,437,694.18</b>	<b>84,822,902.12</b>	<b>86,100,662.80</b>	<b>87,303,566.87</b>	



MARKET SUMMARY

7/1/24 THROUGH 9/30/24

ACCOUNT M30024

WTCPUA

	<u>AMOUNT</u>	<u>TOTAL</u>
<b>BEGINNING MARKET VALUE + ACCRUED INCOME</b>		<b>84,822,902.12</b>
<b>CASH RECEIPTS, DISBURSEMENTS &amp; EXPENSES</b>		
ADMINISTRATIVE AND OTHER EXPENSES	-33,037.78	
TOTAL CASH RECPTS, DISB & EXP		-33,037.78
<b>INVESTMENT ACTIVITY</b>		
ASSET ADJUSTMENTS	299,082.21	
TOTAL INVESTMENT ACTIVITY		299,082.21
<b>INVESTMENT EARNINGS</b>		
INCOME EARNED	492,189.64	
REALIZED GAIN/LOSS-ASSETS DISPOSED/SOLD	-95,265.45	
CHANGE IN UNREALIZED GAIN/LOSS	1,817,696.13	
TOTAL INVESTMENT EARNINGS		2,214,620.32
<b>ENDING MARKET VALUE + ACCRUED INCOME</b>		<b>87,303,566.87</b>



COST SUMMARY

7/1/24 THROUGH 9/30/24

ACCOUNT M30024

WTCPUA

	<u>AMOUNT</u>	<u>TOTAL</u>
<b>BEGINNING COST + CASH</b>		<b>84,983,083.43</b>
<b>CASH RECEIPTS, DISBURSEMENTS &amp; EXPENSES</b>		
ADMINISTRATIVE AND OTHER EXPENSES	-33,037.78	
TOTAL CASH RECPTS, DISB & EXP		-33,037.78
<b>INVESTMENT ACTIVITY</b>		
ASSET ADJUSTMENTS	299,082.21	
TOTAL INVESTMENT ACTIVITY		299,082.21
<b>INVESTMENT EARNINGS</b>		
INCOME COLLECTED	402,137.50	
REALIZED GAIN/LOSS-ASSETS DISPOSED/SOLD	-95,265.45	
TOTAL INVESTMENT EARNINGS		306,872.05
<b>ENDING COST + CASH</b>		<b>85,555,999.91</b>



CHANGE IN UNREALIZED GAIN/LOSS

7/1/24 THROUGH 9/30/24

WTCPUA

ACCOUNT M30024

TOTAL ENDING MARKET VALUE	87,303,566.87	
TOTAL ENDING COST VALUE	-86,100,662.80	
ENDING UNREALIZED GAIN/LOSS		<u>1,202,904.07</u>
LESS		
TOTAL BEGINNING MARKET VALUE	84,822,902.12	
TOTAL BEGINNING COST VALUE	-85,437,694.18	
BEGINNING UNREALIZED GAIN/LOSS		<u>-614,792.06</u>
<b>CHANGE IN UNREALIZED GAIN/LOSS</b>		<b><u>1,817,696.13</u></b>



DETAIL OF ASSETS HELD

AS OF 9/30/24

ACCOUNT M30024

WTCPUA

SHARES PAR VALUE	ASSET DESCRIPTION	CUSIP NUMBER MOODYS	MARKET VALUE MARKET PRICE	% MKT YLD MKT	COST UNIT COST	UNREALIZED GAIN/LOSS	ACCRUED INCOME EST ANN INCOME
	CURRENT PERIOD ACCRUED INCOME 2274000090		176,215.02		176,215.02		
	CURRENT PERIOD ACCRUED INCOME 2274000107		207,490.06		207,490.06		
	CURRENT PERIOD ACCRUED INCOME 2274000116		81,782.61		81,782.61		
<b>TOTAL VALUE</b>			<b>87,303,566.87</b>		<b>86,100,662.80</b>		

TRUIST BANK  
COLL MGMT 4251 FAYETTEVILLE RD  
MC 151-91-01-10  
FMPFPLEDGING@TRUIST.COM  
LUMBERTON, NC 28358

09/30/2024  
Sales Representative: E. Michael Sessoms

**Deposit Balance Collateral Verification Statement**

**Account No:** 218000842

**WEST TRAVIS PUBLIC UTILITY AGENCY  
6500 RIVER PLACE BLVD STE 104  
AUSTIN, TX 78730-1119**

Deposit Balance Collateral Verification

Security Description Security Description	Rate	Maturity Date Issue Date	Original Face Current Face	Market Price Market Value	Haircut Required	CUSIP
<b>Pledge collateral As of 09/30/24</b>						
FHLMC SUPER 30Y FIXED 1.500 20501101	1.500000	11/01/2050 10/01/2020	1,800,000.00 1,365,461.89	79.259855 1,082,263.11	100.0000	3132DWAD5
FHLMC SUPER 30Y FIXED 1.500 20501101	1.500000	11/01/2050 10/01/2020	56,000,000.00 42,481,036.64	79.259855 33,670,408.04	100.0000	3132DWAD5
FHLMC SUPER 30Y FIXED 1.500 20501101	1.500000	11/01/2050 10/01/2020	22,500,000.00 17,068,273.65	79.259855 13,528,288.95	100.0000	3132DWAD5
FHLMC SUPER 30Y FIXED 1.500 20510101	1.500000	01/01/2051 12/01/2020	3,000,000.00 2,326,969.05	79.184156 1,842,590.80	100.0000	3132DWAV5
FHLMC SUPER 30Y FIXED 1.500 20510101	1.500000	01/01/2051 12/01/2020	9,600,000.00 7,446,300.96	79.184156 5,896,290.57	100.0000	3132DWAV5
FHLMC SUPER 30Y FIXED 2.000 20511001	2.000000	11/01/2051 10/01/2021	6,100,000.00 5,136,977.99	82.827449 4,254,827.82	100.0000	3132DWCN1
FNMA UMBS LNG 30 YEAR 1.500 20501101	1.500000	11/01/2050 10/01/2020	25,555,000.00 19,501,485.09	79.218454 15,448,775.00	100.0000	31418DUF7
<b>Totals</b>	<b>Original Face/Par Current Face</b>		<b>124,555,000.00 95,326,505.28</b>	<b>75,723,444.29 Market Value</b>		



# ITEM C



## Murfee Engineering Company

November 1, 2024

Mr. Scott Roberts, President and  
Board of Directors  
West Travis County Public Utility Agency  
13215 Bee Cave Parkway, Building B, Suite 110  
Bee Cave, Texas 78738

**Re: WTCPUA 1240 Elevated Storage Tank  
Contractor's Application for Payment No. 15**

Mr. Roberts and Board:

Enclosed is Application for Payment No. 15 from Landmark Structures for the period ending October 31, 2024. We have reviewed this application for payment, concur with the items and quantities, and recommend approval and payment in the amount of fifty-three thousand thirteen dollars and eighty cents (\$53,013.80). This application for payment is broken down as follows:

Original Contract Price:	\$3,980,000.00
Net change with Change Orders	\$51,787.00
Total Completed and stored to Date:	\$4,031,787.00
Retainage (5%):	\$201,589.37
<b>Amount Due this Application:</b>	<b>\$53,013.80</b>
Balance to Finish, Plus Retainage:	\$201,589.37

If you have any questions, please do not hesitate to contact me.

Sincerely,

Bryce Canady  
Project Manager - MEC

cc: Jennifer Reichers – WTCPUA  
MEC File No. 11051-169

**TO OWNER/CLIENT:**

West Travis County Public  
Utility Agency 13215 Bee Cave Pkw,Bldg B,Ste 110  
Bee Cave, Texas 78738

**PROJECT:**

1781 - 1781 West Travis Co TX - 1.0MG CET  
304 Old Stone Rd  
Austin, Texas 78737

**APPLICATION NO:** 15

**INVOICE NO:** 15

**PERIOD:** 10/01/24 - 10/31/24

**OWNER'S CONTRACT NO:**

**CONTRACT DATE:**

**FROM CONTRACTOR:**

Landmark Structures  
1665 Harmon Rd  
Fort Worth, Texas 76177

**VIA ARCHITECT/ENGINEER:**

Roberto Ferreira (Murfee Engineering Company)

**CONTRACT FOR:** 1240 Elevated Storage Tank


**CONTRACTOR'S APPLICATION FOR PAYMENT**

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet is attached.

1. Original Contract Sum	\$3,980,000.00
2. Net change by change orders	\$51,787.00
3. Contract Sum to date (Line 1 ± 2)	\$4,031,787.00
4. Total completed and stored to date (Column G on detail sheet)	\$4,031,787.00
5. Retainage:	
a. 5.00% of completed work	\$201,589.37
b. 0.00% of stored material	\$0.00
Total retainage (Line 5a + 5b or total in column I of detail sheet)	\$201,589.37
6. Total earned less retainage (Line 4 less Line 5 Total)	\$3,830,197.63
7. Less previous certificates for payment (Line 6 from prior certificate)	\$3,777,183.83
8. Current payment due:	\$53,013.80
9. Balance to finish, including retainage (Line 3 less Line 6)	\$201,589.37

The undersigned certifies that to the best of the Contractor's knowledge, information and belief, the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work which previous Certificates for payment were issued and payments received from the Owner/Client, and that current payments shown herein is now due.

CONTRACTOR: Landmark Structures


By:  Date: 10/30/2024

**ARCHITECT'S/ENGINEER'S CERTIFICATE FOR PAYMENT**

In accordance with the Contract Documents, based on the on-site observations and the data comprising this application, the Architect/Engineer certifies to the Owner/Client that to the best of the Architect's/Engineer's knowledge, information and belief that Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED: \$53,013.80

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to confirm the amount certified.)

ARCHITECT/ENGINEER:  Date: 11/1/2024

This certificate is not negotiable. The amount certified is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to the rights of the Owner/Client or Contractor under this Contract.

By: \_\_\_\_\_ Date: \_\_\_\_\_

Owner: West Travis County Public Utility Agency

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner/Client:	\$62,787.00	\$(11,000.00)
Total approved this month:	\$0.00	\$0.00
Totals:	\$62,787.00	\$(11,000.00)
Net change by change orders:	\$51,787.00	

Document SUMMARY SHEET, APPLICATION AND CERTIFICATE FOR PAYMENT, containing Contractor's signed Certification is attached.  
 Use Column I on Contracts where variable retainage for line items apply.

APPLICATION NUMBER: 15

APPLICATION DATE: 10/25/2024

PERIOD: 10/01/24 - 10/31/24

Contract Lines

A	B	C				D	E	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE				WORK COMPLETED		TOTAL COMPLETE	% COMPLETE	BALANCE TO FINISH (C - G)	RETAINAGE
		UNIT	QTY	UNIT PRICE	VALUE	PRIOR APPLICATION	THIS PERIOD				
1	1.01 Bonds	LS	1.0	\$19,700.00	\$19,700.00	\$19,700.00	\$0.00	\$19,700.00	100.00%	\$0.00	\$985.00
2	1.02 Engineering - Elevated Tank - Design Basis / Foundation	LS	1.0	\$89,600.00	\$89,600.00	\$89,600.00	\$0.00	\$89,600.00	100.00%	\$0.00	\$4,480.00
3	1.03 Engineering - Elevated Tank - Pedestal	LS	1.0	\$79,600.00	\$79,600.00	\$79,600.00	\$0.00	\$79,600.00	100.00%	\$0.00	\$3,980.00
4	1.04 Engineering - Elevated Tank - Steel Tank	LS	1.0	\$69,700.00	\$69,700.00	\$69,700.00	\$0.00	\$69,700.00	100.00%	\$0.00	\$3,485.00
5	1.05 Storm Water Pollution Plan	LS	1.0	\$3,000.00	\$3,000.00	\$3,000.00	\$0.00	\$3,000.00	100.00%	\$0.00	\$150.00
6	2.01 Silt Fence	LF	1504.0	\$10.00	\$15,040.00	\$15,040.00	\$0.00	\$15,040.00	100.00%	\$0.00	\$752.00
7	2.02 Stabilized Construction Entrance	EA	1.0	\$5,446.00	\$5,446.00	\$5,446.00	\$0.00	\$5,446.00	100.00%	\$0.00	\$272.30
8	2.03 Concrete Washout Station	EA	1.0	\$4,400.00	\$4,400.00	\$4,400.00	\$0.00	\$4,400.00	100.00%	\$0.00	\$220.00
9	2.04 Tree Removal / Clear & Grub	LS	1.0	\$24,800.00	\$24,800.00	\$24,800.00	\$0.00	\$24,800.00	100.00%	\$0.00	\$1,240.00
10	2.05 Mass Grading to Balance Site for Tank	LS	1.0	\$49,800.00	\$49,800.00	\$49,800.00	\$0.00	\$49,800.00	100.00%	\$0.00	\$2,490.00
11	2.06 Access Road	LS	1.0	\$74,900.00	\$74,900.00	\$74,900.00	\$0.00	\$74,900.00	100.00%	\$0.00	\$3,745.00
12	3.01 Foundation - Excavation	LS	1.0	\$44,800.00	\$44,800.00	\$44,800.00	\$0.00	\$44,800.00	100.00%	\$0.00	\$2,240.00
13	3.02 Foundation - Ring Foundation	LS	1.0	\$194,800.00	\$194,800.00	\$194,800.00	\$0.00	\$194,800.00	100.00%	\$0.00	\$9,740.00
14	3.03 Foundation - Backfill Exterior	LS	1.0	\$34,900.00	\$34,900.00	\$34,900.00	\$0.00	\$34,900.00	100.00%	\$0.00	\$1,745.00
15	4.01 Concrete Pedestal - Lifts 1 / Crane / Scaffold	LS	1.0	\$179,600.00	\$179,600.00	\$179,600.00	\$0.00	\$179,600.00	100.00%	\$0.00	\$8,980.00
16	4.02 Concrete Pedestal - Lifts 2-3	PC	2.0	\$134,800.00	\$269,600.00	\$269,600.00	\$0.00	\$269,600.00	100.00%	\$0.00	\$13,480.00
17	4.03 Concrete Pedestal - Lifts 3-11	PC	8.0	\$97,800.00	\$782,400.00	\$782,400.00	\$0.00	\$782,400.00	100.00%	\$0.00	\$39,120.00
18	4.04 Concrete Pedestal - Tank Floor	LS	1.0	\$154,600.00	\$154,600.00	\$154,600.00	\$0.00	\$154,600.00	100.00%	\$0.00	\$7,730.00
19	4.05 Backfill Interior	LS	1.0	\$17,500.00	\$17,500.00	\$17,500.00	\$0.00	\$17,500.00	100.00%	\$0.00	\$875.00
20	5.01 Steel Tank - Materials / Fabrication	LS	1.0	\$449,500.00	\$449,500.00	\$449,500.00	\$0.00	\$449,500.00	100.00%	\$0.00	\$22,475.01
21	5.02 Steel Tank - Erect - Ring Beam	LS	1.0	\$48,700.00	\$48,700.00	\$48,700.00	\$0.00	\$48,700.00	100.00%	\$0.00	\$2,435.00
22	5.03 Steel Tank - Erect - Cone	LS	1.0	\$139,600.00	\$139,600.00	\$139,600.00	\$0.00	\$139,600.00	100.00%	\$0.00	\$6,980.00
23	5.04 Steel Tank - Erect - Vertical Shell	LS	1.0	\$108,700.00	\$108,700.00	\$108,700.00	\$0.00	\$108,700.00	100.00%	\$0.00	\$5,435.00
24	5.05 Steel Tank - Erect - Access Tube / Platform	LS	1.0	\$57,400.00	\$57,400.00	\$57,400.00	\$0.00	\$57,400.00	100.00%	\$0.00	\$2,870.00
25	5.06 Steel Tank - Erect - Hoist	LS	1.0	\$34,300.00	\$34,300.00	\$34,300.00	\$0.00	\$34,300.00	100.00%	\$0.00	\$1,715.00
26	5.07 Steel Tank - Erect - Floor	LS	1.0	\$15,400.00	\$15,400.00	\$15,400.00	\$0.00	\$15,400.00	100.00%	\$0.00	\$770.00
27	5.08 Steel Tank - Erect - Roof	LS	1.0	\$19,700.00	\$19,700.00	\$19,700.00	\$0.00	\$19,700.00	100.00%	\$0.00	\$985.00
28	6.01 Steel Tank - Field Coating - Ground Phase	LS	1.0	\$177,600.00	\$177,600.00	\$177,600.00	\$0.00	\$177,600.00	100.00%	\$0.00	\$8,880.00
29	6.02 Steel Tank - Field Coating - Air Phase	LS	1.0	\$120,200.00	\$120,200.00	\$120,200.00	\$0.00	\$120,200.00	100.00%	\$0.00	\$6,010.00
30	7.01 Mechanical - Base - Piping	LS	1.0	\$39,600.00	\$39,600.00	\$39,600.00	\$0.00	\$39,600.00	100.00%	\$0.00	\$1,980.00
31	7.02 Mechanical - Pedestal - Riser Piping	LS	1.0	\$83,800.00	\$83,800.00	\$83,800.00	\$0.00	\$83,800.00	100.00%	\$0.00	\$4,190.00
32	7.03 Mechanical - Chamber - Valves / Piping	LS	1.0	\$95,100.00	\$95,100.00	\$95,100.00	\$0.00	\$95,100.00	100.00%	\$0.00	\$4,755.00
33	8.01 Concrete Pedestal - Ladders / Landings	LS	1.0	\$48,800.00	\$48,800.00	\$48,800.00	\$0.00	\$48,800.00	100.00%	\$0.00	\$2,440.00
34	8.02 Steel Tank - Hatches / Vents	LS	1.0	\$5,100.00	\$5,100.00	\$5,100.00	\$0.00	\$5,100.00	100.00%	\$0.00	\$255.00

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE				D WORK COMPLETED		E		G		H	I
		UNIT	QTY	UNIT PRICE	VALUE	PRIOR APPLICATION	THIS PERIOD	TOTAL COMPLETE	% COMPLETE	BALANCE TO FINISH (C - G)	RETAINAGE		
35	9.01 Slab on Grade	LS	1.0	\$7,300.00	\$7,300.00	\$7,300.00	\$0.00	\$7,300.00	100.00%	\$0.00	\$365.00		
36	9.02 Doors	LS	1.0	\$10,400.00	\$10,400.00	\$10,400.00	\$0.00	\$10,400.00	100.00%	\$0.00	\$520.00		
37	10.01 Underground Duct / Raceways	LS	1.0	\$30,100.00	\$30,100.00	\$30,100.00	\$0.00	\$30,100.00	100.00%	\$0.00	\$1,505.00		
38	10.02 Panels / Lighting / Raceways / Wiring	LS	1.0	\$35,300.00	\$35,300.00	\$35,300.00	\$0.00	\$35,300.00	100.00%	\$0.00	\$1,765.00		
39	10.03 Instrumentation / Controls / SCADA	LS	1.0	\$40,300.00	\$40,300.00	\$36,270.00	\$4,030.00	\$40,300.00	100.00%	\$0.00	\$2,015.00		
40	10.04 Cathodic Protection	LS	1.0	\$16,300.00	\$16,300.00	\$16,300.00	\$0.00	\$16,300.00	100.00%	\$0.00	\$815.00		
41	11.01 16in Waterline	LF	95.0	\$500.00	\$47,500.00	\$47,500.00	\$0.00	\$47,500.00	100.00%	\$0.00	\$2,375.00		
42	11.02 Fire Hydrant and Assembly	EA	1.0	\$11,000.00	\$11,000.00	\$11,000.00	\$0.00	\$11,000.00	100.00%	\$0.00	\$550.00		
43	11.03 16in Tie-In	LS	1.0	\$11,500.00	\$11,500.00	\$11,500.00	\$0.00	\$11,500.00	100.00%	\$0.00	\$575.00		
44	11.04 Trench Safety System	LF	79.0	\$10.00	\$790.00	\$790.00	\$0.00	\$790.00	100.00%	\$0.00	\$39.50		
45	11.05 Overflow Splash Pad	EA	1.0	\$7,500.00	\$7,500.00	\$7,500.00	\$0.00	\$7,500.00	100.00%	\$0.00	\$375.00		
46	11.06 12in Reinforced Concrete Pipe	LF	45.0	\$330.00	\$14,850.00	\$14,850.00	\$0.00	\$14,850.00	100.00%	\$0.00	\$742.50		
47	11.07 Concrete Trickle Channel	CY	59.0	\$300.00	\$17,700.00	\$7,500.00	\$10,200.00	\$17,700.00	100.00%	\$0.00	\$885.00		
48	11.08 V-5718 Grate	EA	1.0	\$2,000.00	\$2,000.00	\$0.00	\$2,000.00	\$2,000.00	100.00%	\$0.00	\$100.00		
49	12.01 Sidewalk	LS	1.0	\$5,700.00	\$5,700.00	\$5,700.00	\$0.00	\$5,700.00	100.00%	\$0.00	\$285.00		
50	12.02 Bollards	EA	2.0	\$1,000.00	\$2,000.00	\$2,000.00	\$0.00	\$2,000.00	100.00%	\$0.00	\$100.00		
51	12.03 Site Security Fence & Gate	LF	360.0	\$50.00	\$18,000.00	\$18,000.00	\$0.00	\$18,000.00	100.00%	\$0.00	\$900.00		
52	12.04 Asphalt Access Drive	SY	714.0	\$40.00	\$28,560.00	\$0.00	\$28,560.00	\$28,560.00	100.00%	\$0.00	\$1,428.00		
53	12.05 Grading	CY	18.0	\$250.00	\$4,500.00	\$4,500.00	\$0.00	\$4,500.00	100.00%	\$0.00	\$225.00		
54	12.06 LOC Restoration	SY	11014.0	\$1.00	\$11,014.00	\$0.00	\$11,014.00	\$11,014.00	100.00%	\$0.00	\$550.70		
55	13.01 16in STATIC WESTFALL MIXER	LS	1.0	\$33,000.00	\$33,000.00	\$33,000.00	\$0.00	\$33,000.00	100.00%	\$0.00	\$1,650.00		
56	13.02 HYDRODYNAMIC MIXER - Piping Material	LS	1.0	\$55,000.00	\$55,000.00	\$55,000.00	\$0.00	\$55,000.00	100.00%	\$0.00	\$2,750.00		
57	13.03 HYDRODYNAMIC MIXER - Valves	LS	1.0	\$12,000.00	\$12,000.00	\$12,000.00	\$0.00	\$12,000.00	100.00%	\$0.00	\$600.00		
<b>TOTALS:</b>					<b>\$3,980,000.00</b>	<b>\$3,924,196.00</b>	<b>\$55,804.00</b>	<b>\$3,980,000.00</b>	<b>100.00%</b>	<b>\$0.00</b>	<b>\$199,000.01</b>		

Change Orders

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE				D WORK COMPLETED		E		G		H	I
		UNIT	QTY	UNIT PRICE	VALUE	PRIOR APPLICATION	THIS PERIOD	TOTAL COMPLETE	% COMPLETE	BALANCE TO FINISH (C - G)	RETAINAGE		
<b>58</b>	<b>PCCO#001</b>												
58.1	160-30-914 Fire Hydrant Deletion	LS	-1.0	\$11,000.00	\$(11,000.00)	\$(11,000.00)	\$0.00	\$(11,000.00)	100.00%	\$0.00	\$(550.00)		
58.2	Sensing Line at Grade	LS	1.0	\$29,929.00	\$29,929.00	\$29,929.00	\$0.00	\$29,929.00	100.00%	\$0.00	\$1,496.45		
58.3	PEC Service	LS	1.0	\$27,077.00	\$27,077.00	\$27,077.00	\$0.00	\$27,077.00	100.00%	\$0.00	\$1,353.86		
<b>59</b>	<b>PCCO#002</b>												
59.1	Re-mobilization Cost	LS	1.0	\$5,781.00	\$5,781.00	\$5,781.00	\$0.00	\$5,781.00	100.00%	\$0.00	\$289.05		
<b>TOTALS:</b>					<b>\$51,787.00</b>	<b>\$51,787.00</b>	<b>\$0.00</b>	<b>\$51,787.00</b>	<b>100.00%</b>	<b>\$0.00</b>	<b>\$2,589.36</b>		

Grand Totals

A	B	C	D	E	G		H	I
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED		TOTAL COMPLETE	% COMPLETE	BALANCE TO FINISH (C - G)	RETAINAGE
			PRIOR APPLICATION	THIS PERIOD				
GRAND TOTALS:		\$4,031,787.00	\$3,975,983.00	\$55,804.00	\$4,031,787.00	100.00%	\$0.00	\$201,589.37

**Bidding Requirements, Contract Forms & Conditions of the Contract**  
**Supplemental General Conditions – Section 00 81 00**

**AFFIDAVIT OF BILLS PAID, PARTIAL LIEN WAIVER AND INDEMNITY**  
**[FOR USE BY CONTRACTOR ONLY]**

THE STATE OF TEXAS           §  
  §  
COUNTY OF ~~TRAVIS~~       §  
  TARRANT

BEFORE ME, the undersigned authority, on this day personally came and appeared Nick Carsten, known to me to be a credible person, and Project Manager of Landmark Structures I, L.P., a General Contractor (hereinafter called "Contractor"), and who, being first duly sworn, upon his oath declares and acknowledges as follows:

2. I am the duly authorized agent for the said Contractor which has authorized me to make this affidavit, to enter into the agreements and to grant the lien waivers herein set forth, on its behalf and as its acts and deeds, and all the facts and recitations herein are true and correct.

3. Contractor has supplied materials and/or performed labor in connection with the construction of facilities known as WTCPUA 1240 Elevated Storage Tank (the "Facilities") as more particularly described in that one certain Standard Form of Agreement by and between WTCPUA (the "Owner"), and Landmark Structures I, L.P. (the "Contractor") dated May 10, 2023.

4. Contractor has received payment of all sums due Contractor for materials supplied and labor performed in connection with the construction of the Facilities up to and including \_\_\_\_\_, \_\_\_\_\_ (the "Release Date").

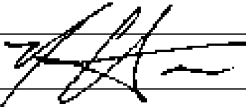
5. In consideration of the payment by Owner of all said sums and other good and valuable consideration, the receipt of all of which is hereby acknowledged, Contractor has waived and released and, acting herein by and through me, does hereby waive and release, any and all liens, rights and interests (whether choate or inchoate and including, without limitation, all mechanic's and materialman's liens under the Constitution, statutes and laws of the State of Texas) owned, claimed or held, or to be owned, claimed or held by Contractor in and to the Facilities and on any property on which the Facilities are located (such property is referred to herein as the "Land"), or any part thereof, whether real or personal property and whether or not affixed to or severed or severable from the Land, for any materials supplied and labor performed in connection with construction of the Facilities up to and including the Release Date; and the Contractor for itself, its representatives and assigns does release, acquit and forever discharge Owner and his respective successors and assigns, from any and all such claims, debts, demands and causes of action that Contractor has or may have as a result of the same.

6. A full and complete list of all persons and entities which Contractor has engaged or with which Contractor has entered into any contractual arrangement to furnish materials or to perform any labor in connection with any construction or work on the Land or the Facilities up to and including the Release Date is set forth on Exhibit A, attached hereto and incorporated herein for all purposes. Contractor has actual knowledge that all bills owed by Contractor to others for materials furnished and labor performed in connection with any construction or work on the Land or the Facilities up to and including the Release

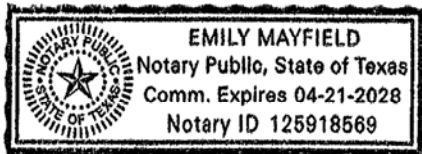
**Bidding Requirements, Contract Forms & Conditions of the Contract**  
**Supplemental General Conditions – Section 00 81 00**


Date have been fully paid and satisfied and Contractor does further warrant, represent and guarantee that if for any reason a claim or claims of a lien or liens are filed for materials furnished or labor performed, or both, by virtue of Contractor's participation in the erection or construction of the Facilities or the participation therein of any individual or entity with whom or with which Contractor has entered into any contractual arrangement, Contractor will immediately furnish a bond pursuant to Sections 53.171 - 53.175 of the Texas Property Code for release of each such lien, and obtain a settlement of all such claims and obtain and furnish to Owner written full releases of all liens in respect of such claims in form and substance satisfactory to Owner all at Contractor's expense; OR IF CONTRACTOR CANNOT OBTAIN SUCH A RELEASE OR RELEASES, CONTRACTOR AGREES TO WHOLLY INDEMNIFY OWNER FOR ANY AND ALL COSTS OWNER MAY INCUR IN SATISFYING SUCH CLAIMS OR REMOVING SUCH LIENS, OR BOTH.

EXECUTED on this the 30th day of October, 2024.

CONTRACTOR Landmark Structures I, L.P.  
 By:   
 Print Name: Nick Carsten  
 Title: Project Manager

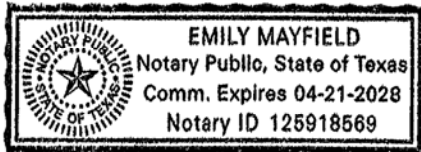
SWORN TO AND SUBSCRIBED BEFORE ME on this 30th day of October, 2024




  
 Notary Public in and for the State of Texas  
 Printed Name: Emily Mayfield  
 My Commission Expires: 4/21/2028

THE STATE OF TEXAS           §  
   §  
 COUNTY OF TRAVIS             §  
   §  
   TARRANT

This instrument was acknowledged before me on the 30th day of October, 2024 by Nick Carsten, Project Manager of Landmark Structures I, L.P., a Limited Partnership, on behalf of said Landmark Structures I, L.P..



  
 Notary Public in and for the State of Texas  
 Printed Name: Emily Mayfield  
 My Commission Expires: 4/21/2024

ATTACH:  
 Exhibit A - List of Subcontractors







Murfee Engineering Company

November 1, 2024

Mr. Scott Roberts, President and Board of Directors West Travis County Public Utility Agency 13215 Bee Cave Parkway, Building B, Suite 110 Bee Cave, Texas 78738

Re: WTCPUA 1080 Transmission Main Segment B Contractor’s Application for Payment No. 6

Mr. Roberts and Board:

Enclosed is Application for Payment No. 6 from Austin Engineering Co., Inc. for the period ending October 31st, 2024. We have reviewed this application for payment, and concur with the items and quantities, and recommend approval and payment in the amount of five hundred ninety-four thousand one hundred nineteen dollars and 65/100 Dollars (\$594,119.65). This application for payment is broken down as follows:

Table with 2 columns: Description and Amount. Rows include Original Contract Price (\$4,636,705.50), Net Change by Change Orders (\$0.00), Current Contract Price (\$4,636,705.50), Total Completed and Stored to Date (\$2,254,683.57), Retainage (5%) (\$112,734.18), Amount Due this Application (\$594,119.65), and Balance to Finish, Plus Retainage (\$2,494,756.11).

If you have any questions, please do not hesitate to contact me.

Sincerely,

Jason Baze, P.E.

cc: Jennifer Riechers – WTCPUA MEC File No. 11051.122

**APPLICATION AND CERTIFICATION FOR PAYMENT**

A/A DOCUMENT G702

TO OWNER: WEST TRAVIS CO. PUA  
 13215 BEE CAVE PKWY., BLDG. B, STE. 110  
 BEE CAVE, TX 78738

PROJECT: 1080 24" TRANSMISSION  
 MAIN, SEGMENT B

APPLICATION NO: SIX (6)  
 DATE: 10/31/2024  
 PERIOD TO: 10/31/2024

Distribution to:

OWNER	
General Contractor	
CONTRACTOR	X

FROM CONTRACTOR:  
 AUSTIN ENGINEERING CO., INC.  
 P.O. BOX 342349  
 AUSTIN, TEXAS 78734

PROJECT NO: 11051.122  
 AECO JOB NO: 24005  
 AECO INVOICE NO: 24165  
 CONTRACT DATE: 3/1/2024

CONTRACT FOR: 1080 24" TRANSMISSION MAIN, SEGMENT "B"

**CONTRACTOR'S APPLICATION FOR PAYMENT**

Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM	\$	4,636,705.50
2. Net change by Change Orders	\$	-
3. CONTRACT SUM TO DATE (Line 1 + 2)	\$	4,636,705.50
4. TOTAL COMPLETED & STORED TO DATE (Column D + E on G703)	\$	2,254,683.57
5. RETAINAGE:		
a. 5 % of Completed Work & Stored Materials (Column D + E on G703)	\$	112,734.18
b. % of Stored Material (Column F on G703)	\$	
Total Retainage (Lines 5a + 5b or Total in Column I of G703)	\$	112,734.18
6. TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total)	\$	2,141,949.39
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$	1,547,829.74
<b>8. CURRENT PAYMENT DUE</b>	<b>\$</b>	<b>594,119.65</b>
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	\$	2,494,756.11

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: AUSTIN ENGINEERING CO., INC.

By:  Date: 10/31/24

John C. Fentley, Vice President, Sales  
 State of Texas  
 County of Travis  
 Subscribed and sworn to before me this 31st day of October, 2024  
 Notary Public:  
 My Commission expires: 08/01/27

**CERTIFICATE FOR PAYMENT**

In accordance with the Contract Documents, based on on-site observations and the data comprising the application, the General Contractor certifies to the Owner that to the best of the General Contractor's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Subcontractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED ..... \$

(Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

Murfee Engineering Co., Inc.

By:  Date: 11-04-2024  
 This C hereii Owne

UNT CERTIFIED is payable only to the Contractor named herei of payment are without prejudice to any rights of the

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$ -	
Total approved this Month	\$ -	
TOTALS	\$ -	\$ -
NET CHANGES by Change Order	\$ -	

**CONTINUATION SHEET**

AIA DOCUMENT G703

PAGE 2 OF 2 PAGES

AIA Document G702, APPLICATION AND CERTIFICATION FOR PAYMENT, containing Contractor's signed certification is attached. In tabulations below, amounts are stated to the nearest dollar. Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO: SIX (6)  
 APPLICATION DATE: 10/31/2024  
 PERIOD TO: 10/31/24  
 PROJECT: 1080 24" TRANSMISSION  
 ENGINEERS PROJECT NO.: 11051.122

A ITEM NO.	B DESCRIPTION OF WORK	C BID QUANTITY	UNIT	UNIT PRICE	TOTAL	D WORK COMPLETED		F MATERIALS PRESENTLY STORED	G TOTAL COMPLETED AND STORED TO DATE	H BALANCE TO FINISH	I RETAINAGE
						FROM PREV. APPLICATION	THIS PERIOD				
1	SILT FENCE INCLUDING J-HOOKS INSTALLATION	8,400	LF	\$ 5.00	\$ 42,000.00	\$ 27,225.00	\$ -		\$ 27,225.00	\$ 14,775.00	\$ 1,361.25
2	STABILIZED CONSTRUCTION ENTRANCE INSTALLATION	15	EA	\$ 1,200.00	\$ 18,000.00	\$ 8,400.00	\$ -		\$ 8,400.00	\$ 9,600.00	\$ 420.00
3	LOC RESTORATION / HYDROMULCH SEEDING,	42,000	SY	\$ 1.00	\$ 42,000.00	\$ -	\$ -		\$ -	\$ 42,000.00	\$ -
4	SOIL RETENTION BLANKET INSTALLATION	1,000	SY	\$ 3.00	\$ 3,000.00	\$ -	\$ -		\$ -	\$ 3,000.00	\$ -
5	TREE PROTECTION INSTALLATION AND MAINTENANCE	3,414	LF	\$ 5.00	\$ 17,070.00	\$ 9,388.50	\$ -		\$ 9,388.50	\$ 7,681.50	\$ 469.43
6	ROCK BERM, COMPLETE & IN PLACE	50	LF	\$ 30.00	\$ 1,500.00	\$ -	\$ -		\$ -	\$ 1,500.00	\$ -
7	SWPPP COMPLIANCE, COMPLETE & IN PLACE	1	LS	\$ 4,000.00	\$ 4,000.00	\$ 4,000.00	\$ -		\$ 4,000.00	\$ -	\$ 200.00
8	16" DUCTILE IRON WATER MAIN	17	LF	\$ 330.00	\$ 5,610.00				\$ -	\$ 5,610.00	\$ -
9	CONNECTION EXISTING 16" WATER MAIN	2	EA	\$ 6,500.00	\$ 13,000.00				\$ -	\$ 13,000.00	\$ -
10	24" DUCTILE IRON WATER MAIN (UNRESTRAINED)	6,913	LF	\$ 308.50	\$ 2,132,660.50	\$ 71,263.50	\$ 642,297.00		\$ 1,013,016.95	\$ 1,119,643.55	\$ 50,650.85
11	24" DUCTILE IRON WATER MAIN (RESTRAINED)	2,583	LF	\$ 380.00	\$ 981,540.00	\$ 157,320.00	\$ 309,700.00		\$ 490,403.24	\$ 491,136.76	\$ 24,520.16
12	36" ENCASUREMENT PIPE (BORE), COMPLETE & IN PLACE	621	LF	\$ 950.00	\$ 589,950.00	\$ 227,050.00	\$ -		\$ 264,009.00	\$ 325,941.00	\$ 13,200.45
13	12" GATE VALVE AND BOX, COMPLETE & IN PLACE	3	EA	\$ 5,500.00	\$ 16,500.00				\$ -	\$ 16,500.00	\$ -
14	16" GATE VALVE AND BOX, COMPLETE & IN PLACE	4	EA	\$ 13,000.00	\$ 52,000.00				\$ 32,800.00	\$ 19,200.00	\$ 1,640.00
15	24" GATE VALVE AND BOX, COMPLETE & IN PLACE	7	EA	\$ 41,500.00	\$ 290,500.00	\$ 83,000.00	\$ 41,580.00		\$ 263,363.90	\$ 27,136.10	\$ 13,168.20
16	FIRE HYDRANT ASSEMBLY, COMPLETE & IN PLACE	5	EA	\$ 13,500.00	\$ 67,500.00		\$ 27,000.00		\$ 27,000.00	\$ 40,500.00	\$ 1,350.00
17	3" AIR RELEASE/VACUUM VALVE AND VAULT, COMPLETE & IN PLACE	5	EA	\$ 23,500.00	\$ 117,500.00				\$ 50,014.98	\$ 67,485.02	\$ 2,500.75
18	CONNECTION TO EXISTING 24" DIP	1	LS	\$ 8,000.00	\$ 8,000.00				\$ -	\$ 8,000.00	\$ -
19	TRENCH SAFETY, COMPLETE & IN PLACE	8,875	LF	\$ 1.00	\$ 8,875.00	\$ 392.00	\$ 3,150.00		\$ 3,542.00	\$ 5,333.00	\$ 177.10
20	PAVEMENT REPAIR, COMPLETE & IN PLACE	40	LF	\$ 825.00	\$ 33,000.00				\$ -	\$ 33,000.00	\$ -
21	DRIVEWAY REPAIR, COMPLETE & IN PLACE	1	LS	\$ 27,500.00	\$ 27,500.00				\$ -	\$ 27,500.00	\$ -
22	TEMPORARY IRRIGATION	8,500	LF	\$ 5.00	\$ 42,500.00				\$ -	\$ 42,500.00	\$ -
23	CONCRETE RETARDS	6	EA	\$ 2,500.00	\$ 15,000.00				\$ -	\$ 15,000.00	\$ -
24	BONDS AND INSURANCE	1	LS	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ -		\$ 55,000.00	\$ -	\$ 2,750.00
25	ORANGE CONSTRUCTION FENCE	1,000	LF	\$ 5.00	\$ 5,000.00		\$ 2,520.00		\$ 2,520.00	\$ 2,480.00	\$ 126.00
26	FENCE REPAIR, COMPLETE & IN PLACE	1,500	LF	\$ 25.00	\$ 37,500.00				\$ -	\$ 37,500.00	\$ -
27	TRAFFIC CONTROL, COMPLETE & IN PLACE	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 4,000.00	\$ -		\$ 4,000.00	\$ 6,000.00	\$ 200.00
<b>GRAND TOTALS</b>						<b>\$4,636,705.50</b>	<b>\$1,026,247.00</b>	<b>\$581,397.57</b>	<b>\$2,254,683.57</b>	<b>\$2,382,021.93</b>	<b>\$112,734.18</b>

THE STATE OF TEXAS §  
§  
COUNTY OF TRAVIS §

CONDITIONAL WAIVER AND RELEASE ON PROGRESS PAYMENT

PROJECT: 1080 24" TRANSMISSION MAIN, SEGMENT "B"  
JOB NO.: 11051.122

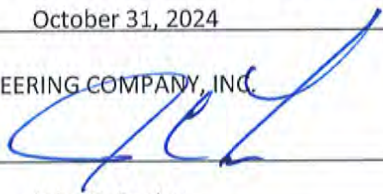
The undersigned executes this on behalf of AUSTIN ENGINEERING COMPANY, INC. ("Contractor") who has contracted with WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY, a ("Owner") to furnish materials, supplies and/or labor pursuant to those certain agreements between Owner and Contractor (collectively, the "Agreements") and/or otherwise provided labor and/or materials in connection with certain improvements to real property located Travis County, Texas (the "Property").

On receipt by the Contractor of this document of a check from West Travis County Public Utility Agency in the sum of **Five Hundred Ninety-Four Thousand, One Hundred Nineteen Dollars and Sixty-Five Cents (\$594,119.65)** payable to Contractor and when the check has been properly endorsed and has been paid by the bank on which it is drawn, this document becomes effective to release any mechanic's lien right, any right arising from a payment bond that complies with a state or federal statute, any common law payment bond right, any claim for payment, and any rights under any similar ordinance, rule, or statute related to claim or payment rights for persons in the Contractor's position that the Contractor has on the Property and Contractor agrees to indemnify and hold Owner, all future owners of the Property and all lienholders harmless from all claims and expenses (including attorney's fees) arising out of any unpaid mechanics and/or materialmen's claims, including subcontractors, suppliers and/or materialmen who may file any liens against said Property for any services, labor or material delivered or performed in connection with the Property, whether or not related to the Agreements or the work performed on or for the benefit of the Property, by, through or under Contractor, [except for the Retainage Amount unless and until the Retainage Amount has been paid by Owner in accordance with the terms of the Agreements at which time Contractor's indemnity shall automatically extend to and also cover the Retainage Amount].

This release covers a progress payment for all labor, services, equipment, or materials furnished to the Property or to West Travis County Public Utility Agency as indicated in the attached statement(s) or progress payment request(s), except for unpaid retention, pending modifications and changes, or other items furnished.

Before any recipient of this document relies on this document, the recipient should verify evidence of payment to the Contractor.

The Contractor warrants that the Contractor has already paid or will use the funds received from this progress payment to promptly pay in full all the Contractor's laborers, subcontractors, materialmen, and suppliers for all work, materials, equipment, or services provided for or to the above referenced project regarding the attached statement(s) or progress payment request(s).

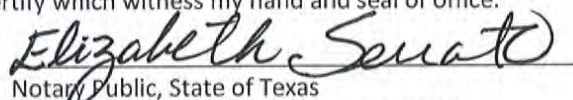
Date: October 31, 2024  
AUSTIN ENGINEERING COMPANY, INC.  
By:   
Name: John C. Fenley  
Title: Vice President, Sales

THE STATE OF TEXAS §  
COUNTY OF TRAVIS §

SUBSCRIBED AND SWORN TO BEFORE ME on this, the 31<sup>st</sup> day of October, 2024, by John C. Fenley, Vice President, Sales of Austin Engineering Co., Inc., to certify which witness my hand and seal of office.

(NOTARY SEAL)



  
Notary Public, State of Texas  
My Commission Expires: August 1, 2027

## **VI. NEW BUSINESS**

# **ITEM A**

---

**LAND USE ASSUMPTIONS & CAPITAL IMPROVEMENTS PLAN**

**for**

**WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY  
2024 IMPACT FEE STUDY**

---

October 2024



Prepared for:

West Travis County Public Utility Agency  
13215 Bee Cave Parkway  
Bldg B, Suite 110  
Bee Cave, Texas 78738



Prepared by:

Murfee Engineering Company, Inc.  
1101 Capital of Texas Highway, South  
Building D, Suite 110  
Austin, Texas 78746



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**APPENDICES**

- Appendix A-1: 2024 Impact Fee Study Overall Water Exhibit
- Appendix A-2: Proposed 2024 Water CIP Exhibit
- Appendix B-1: Existing 2024 Wastewater CIP Exhibit
- Appendix B-2: Proposed 2024 Wastewater CIP Exhibit
- Appendix C: Water LUA Summary Figures
- Appendix D: Wastewater LUA Summary Figure
- Appendix E: CIP Tables
  - E-1 Total Capital Allocated to Growth
  - E-2 Growth Allocation Existing Projects - Water
  - E-3 Growth Allocation Proposed 2024 CIP Projects - Water
  - E-4 Growth Allocation Existing Projects-Wastewater
  - E-5 Growth Allocation Proposed 2024 CIP Projects - Wastewater

## **INTRODUCTION**

The purpose of this report is to develop the Land Use Assumptions (LUA) and Capital Improvements Plan (CIP) in support of the West Travis County Public Utility Agency 2024 Impact Fee Study for the 2024-2034 planning period. The process and methodology used will be described and the results summarized in tabular and graphical form for use in the impact fee calculations prepared by Nelisa Heddin Consulting, LLC. This report is prepared in accordance with the applicable provisions of Chapter 395 of the Local Government Code: *Financing Capital Improvements Required by New Development in Municipalities, Counties, and Certain Other Local Governments*.

## **BACKGROUND**

### ***Water***

The West Travis County Public Utility Agency (WTCPUA) regional water system currently serves approximately 23,776 Living Unit Equivalents (LUEs) in western Travis and northern Hays Counties. Raw water is diverted from Lake Austin under Firm Water Contracts with the Lower Colorado River Authority at intake structures and is delivered to both raw water customers as well as to the Uplands Water Treatment Plant located on Bee Cave Road at its intersection with Bee Cave Parkway. Potable water service is provided to retail and wholesale customers throughout the WTCPUA service area by the Uplands Water Treatment Plant. The distribution system is generally divided into the SH71 and US290 Systems, with the demarcation being the Southwest Parkway Pump Station and the facilities that supply it with water for pumping into the US290 System. This demarcation also includes future facilities that will supply the 290 system with water from Hamilton Pool Road south toward Fitzhugh road. Table 1 provides a summary of existing LUEs by system.

**Table 1: Summary of Existing Water LUEs**

<b>System</b>	<b>Total Existing Water LUEs</b>
SH71	11,598
US290	12,178
<b>TOTAL</b>	<b>23,776</b>

The division of the system into two main service areas is an operational and planning tool that also leads to separate impact fee calculation for each system. As such, the two-system planning and service strategy is carried through the Land Use Assumptions and Capital Improvements Plan to the calculation of impact fees. Table 2 shows the existing and projected water LUEs and Table 3 shows the existing and projected water LUEs by pressure plane. Table 4 depicts the water LUE growth assumptions by year. Appendix A-1: *Water CIP Exhibit* shows the WTCPUA water system, general division between the SH71 and US290 Systems, major system components, and existing CIP facilities. Appendix A-2: *Proposed CIP* depicts the proposed additional CIP facilities to serve the new growth for the next 10 years.

### ***Wastewater***

The WTCPUA regional wastewater system currently serves approximately 4,877 LUEs in a 4,800± acre service area generally within the extraterritorial jurisdiction (ETJ) of the City of Bee Cave. The wastewater collection system includes 21 lift stations and approximately 60 miles of pipe, which deliver raw wastewater for treatment to two wastewater treatment plants. Treated effluent is stored in two effluent holding ponds and is used for irrigation under a Texas Land Application Permit (TLAP) as well as an Authorization for Reclaimed Water (210 Authorization). Appendix B-1: *Wastewater CIP Exhibit* shows the wastewater collection system, service area boundary, major system components, and existing CIP facilities. Appendix B-2: *Proposed Wastewater CIP* shows the proposed CIP addition to provide services for full buildout which is expected in the next ten years.

**Table 2: Existing and Projected Water LUE Summary 2024-2034**

Murfee Engineering Company, Inc.							Date:	9/4/2024
Texas Registered Firm No. F-353		WTCPUA - Existing and Projected Water LUE Summary 2024-2034						
RETAIL CUSTOMERS								
System	Pressure Plane	Description	Demography Planning Unit	2023 Connections	2023 LUEs	2024-2034 Projected Growth	Ultimate 20 yr +/-	
US 290	1240	Echo Bluff, Hills of Texas, Bear Creek	39	275	288	67	355	
		Friendship Ranch, Whispering Oaks, Wildwood, Parten, Skyridge	40	461	667	173	840	
		Rim Rock	45	636	834	0	834	
		Fox Run, Barsana	46.1	5	12	8	20	
		S. of FM1826 Barsana to Bear Creek Pass	47.1	11	13.5	5	18	
		Bear Creek Estates	47.3	26	29	0	29	
		NW of Circle Dr.	116	3	3	5	8	
		US290 South of Circle Dr., Tanglewood W., Hillside	117	195	224	0	224	
		Appaloosa Run, Zyle Rd.	119	150	165	15	179	
		Overlook at Lewis Mountain	120	0	0	2	2	
		Rutherford West	122	170	215	0	215	
		Infill (Nuttly Brown)	38	40	46	84	200	
<b>1240 Retail Pressure Plane Total</b>			<b>1972</b>	<b>2496</b>	<b>359</b>	<b>2924</b>		
US 290	1340 N	Heritage Country, Big Country	18.3	118	137	6	143	
		Heritage Oaks, Ledge Stone, Oak Run West, Polo Club	20.2	510	718	41	759	
		Meadow Creek Ranch, Dripping Springs Ranch II	35.2	4	4	9	20	
		Fire Station West of Belterra	37.1	1	1	0	1	
		Signal Hill	38	40	46	71	167	
		Green Hills	44	23	27	6	33	
		N. of Fitzhugh to the County Line	113	18	22	4	26	
		Infill	16	N/A	0	275	550	
		Oak Run, S. of Fitzhugh to Blackstone	114	17	35	31	73	
		<b>1340 N Retail Pressure Plane Total</b>			<b>731</b>	<b>990</b>	<b>443</b>	<b>1772</b>
US 290	1340 S	Fire Station West of Belterra	37.1	1	1	0	1	
		Highpointe	41	1039	1223	0	1223	
		E. of Sawyer Highpointe to Darden Hill	42	44	63	57	133	
		Woodland Estates, Cypress Springs Elementary	43.2	4	13	26	58	
		Infill	34	N/A	0	275	550	
		Onion Creek Ranch, Creek of Driftwood	43.1	92	108	7	114	
		Darden Hill, KW, Penn	42	44	63	1437	3000	
Rimrock Tr., Spring Valley, Ledge Stone Terrace, Derecho	118	248	306	42	347			
<b>1340 S Retail Pressure Plane Total</b>			<b>1471</b>	<b>1775</b>	<b>1844</b>	<b>5426</b>		
US 290	1420 (290)	Sunset Canyon	19.3	391	443	43	486	
		Key Ranch, Saratoga Hills	20.1	157	224	33	257	
		Hays Country Acres & Creek	33.2	8	36	0	36	
		Sunset Canyon S, Sunset Canyon S Infill	35.1	157	183	28	211	
		Sawyer Ranch, US290 to Sunset Canyon Commercial Frontage	36	236	310	12	322	
		<b>1420 (290) Retail Pressure Plane Total</b>			<b>949</b>	<b>1196</b>	<b>116</b>	<b>1312</b>
<b>US 290 System Retail Subtotal</b>				<b>5,123</b>	<b>6,457</b>	<b>2,762</b>	<b>11,433</b>	
HWY 71	1080 (BCR)	Bee Cave West, Travis County, Infill	3D.5	122	222	109	330	
		Lake Pointe	5A	1084	1216	91	1307	
		Irrigation near Senna Hills	102	2	4	0	4	
		Seven Oaks	103	273	475	40	515	
		N. Crystal Creek Drive	104	7	24	4	28	
		S. Crystal Creek Drive	106	3	5	6	12	
	Angelwylde	107	1	1	9	20		
	<b>1080 (BCR) Retail Pressure Plane Total</b>			<b>1492</b>	<b>1946</b>	<b>259</b>	<b>2216</b>	
	1080 (CoBC)	Shops at the Galleria, Paseo, East Village, Infill	3H.1	401	696	180	876	
		Barton Creek Preserve	3H.2	4	5	6	13	
Uplands, HEB		4A.1	204	303	140	442		
The Preserve at Barton Creek		4A.2	46	56	0	56		
Backyard		8F	0	0	205	409		
Pearl, Hill Country Galleria & Surrounding (1080PPP)	5C	52	233	152	385			
<b>1080 (CoBC) Retail Pressure Plane Total</b>			<b>707</b>	<b>1292</b>	<b>683</b>	<b>2181</b>		
1280 (HPR)	Destiny Hills	3D.3	4	6	6	14		
	W. of Crumley HPR to county line, Rocky Creek	3E.1	399	586	238	823		
	Shield Ranch (Now inside conservancy)	3F	1	1.5	0.5	2		
	<b>1280 (HPR) Retail Pressure Plane Total</b>			<b>404</b>	<b>593</b>	<b>245</b>	<b>839</b>	
1280 (CoBC)	Spanish Oaks	3H.1	201	348	848	1992		
	Homestead, Meadowfox, LTYA	3G.1	189	223	14	237		
	Lake Travis Middle School	3K.1	1	50	10	60		
	Cielo Apartments	5B	0	0	59	117		
	Falconhead, Brisa Townhomes	8A	732	950	38	987		
	Ladera, Morningside, Skaggs	8F	396	852	313	1165		
Hill Country Galleria & Surrounding (1175PPP)	5C	26	117	42	158			
<b>1280 (CoBC) Retail Pressure Plane Total</b>			<b>1544</b>	<b>2539</b>	<b>1324</b>	<b>4716</b>		
1420 (HPR)	Reimers Ranch and Peacock Commercial	3A	0	0	50	100		
	Lake Travis Independent School District	2C.1	0	0	50	100		
	N. of Hamilton Pool Madrone Ranch to Creeks Edge, Hatchett/Provence (TC MUD 22), Harris, Preservation Ranch, Huthnace Peacock	3D.2	672	907	1059	2621		
<b>1420 (HPR) Retail Pressure Plane Total</b>			<b>672</b>	<b>907</b>	<b>1159</b>	<b>2821</b>		
<b>HWY 71 System Retail Subtotal</b>				<b>4,819</b>	<b>7,277</b>	<b>3,670</b>	<b>12,773</b>	
<b>RETAIL TOTAL</b>				<b>9,942</b>	<b>13,734</b>	<b>6,432</b>	<b>24,206</b>	

\* - Calculation of LUEs is based on meter size.

**Table 2: Existing and Projected Water LUE Summary 2024-2034 Continued**

WHOLESALE CUSTOMERS								
System	Pressure Plane	Customer	Demography Planning Unit	Sep 2022-Sep 2023 Average Usage (gpd)	2023 Standardized Water LUEs <sup>1</sup>	2024-2034 Projected Growth	Buildout Total LUEs	
US290	1240 (1160)	Reunion Ranch WCID <sup>2</sup>	47.2	297,906	662	0	524	
		City of Dripping Springs - Driftwood	43.3 / 121	132,698	295	406	1,000	
	<b>1240 (1160) Wholesale Pressure Plane Total</b>				<b>430,604</b>	<b>957</b>	<b>406</b>	<b>1,524</b>
	1340 N	City of Dripping Springs - N.E.		0	0	2158	4,316	
		<b>1340 N Wholesale Pressure Plane Total</b>				<b>0</b>	<b>0</b>	<b>2,158</b>
	1340 S	Hays 1, Hays 2	74.2	950,973	2113	233	2,346	
		<b>1340 S Wholesale Pressure Plane Total</b>				<b>950,973</b>	<b>2,113</b>	<b>233</b>
	1420 (290)	City of Dripping Springs - N.E.		43.3 / 121	0	0	759	1,518
			City of Dripping Springs - Headwaters	19.2	316,698	704	579	1,425
		Dripping Springs WSC		n/a	876,123	1947	276	2,222
<b>1420 (290) Wholesale Pressure Plane Total</b>				<b>1,192,821</b>	<b>2,651</b>	<b>1,614</b>	<b>5,165</b>	
<b>US 290 System Wholesale Subtotal</b>				<b>2,574,398</b>	<b>5,721</b>	<b>4,411</b>	<b>13,351</b>	
HWY 71	1080 (BCR)	Barton Creek West WSC <sup>2</sup>	108	308,687	686	0	427	
		Crystal Mountain	105	58,281	130	0	118	
		Eanes ISD	n/a	18,976	42	16	58	
		Senna Hills	102	212,225	472	14	485	
		<b>1080 (BCR) Wholesale Pressure Plane Total</b>				<b>598,169</b>	<b>1,329</b>	<b>30</b>
	1280 (71)	Lazy Nine MUD 1A - Sweetwater	3K.1	90,483	201	1009	2,420	
		TC MUD 12 - Rough Hollow	2C.2	850,335	1890	256	2,145	
		TC MUD 18 - Bella Colinas / Masonwood	3D.4	214,497	477	167	643	
	<b>1280 (71) Wholesale Pressure Plane Total</b>				<b>1,155,315</b>	<b>2,567</b>	<b>1,432</b>	<b>5,208</b>
	1420 (HPR)	Deer Creek <sup>2,3</sup>	n/a	191,253	425	0	310	
<b>1420 (HPR) Wholesale Pressure Plane Total</b>				<b>191,253</b>	<b>425</b>	<b>0</b>	<b>310</b>	
<b>HWY 71 System Wholesale Subtotal</b>				<b>1,944,737</b>	<b>4,322</b>	<b>1,462</b>	<b>6,606</b>	
<b>WHOLESALE TOTAL</b>				<b>4,519,135</b>	<b>10,043</b>	<b>5,873</b>	<b>19,957</b>	
1 - Using 450 gpd/LUE								
2-2020 Wholesale contract a nnuual average consumption exceeds agreement amount								
3- Contract states 310 built out LUEs, max 400 gpm consumption								
					<b>US 290 System Total</b>	<b>12,178</b>	<b>7,173</b>	<b>24,784</b>
					<b>HWY 71 System Total</b>	<b>11,598</b>	<b>5,132</b>	<b>19,379</b>
					<b>GRAND TOTAL</b>	<b>23,776</b>	<b>12,305</b>	<b>44,163</b>

## LAND USE ASSUMPTIONS

The Living Unit Equivalent is utilized as the service unit to determine the ultimate system's demand. For this analysis one Service Unit is defined as one LUE. Table 4 shows the ten-year growth for the water service area. The land use assumptions include existing customers, wholesale and retail commitments, assumptions on infill and projects that are known to be in the development pipeline. Notably in the 290 System an additional 7,173 LUEs are in the planning stages and 5,132 LUEs have been committed to by the PUA for service in the Dripping Springs area, US290 corridor, RR 1826 corridor, and Fitzhugh Lane. In addition to these corridors, growth along Nutty Brown Road is also occurring, including a new HEB constructed in 2023. Within the SH 71 System Bee Cave Road is essentially built-out, while the City of Bee Cave has 2900± LUEs in the development pipeline with infill of 760 LUEs expected in the SH71 and Bee Cave Parkway area. Hamilton Pool Road has commitments for service from the PUA for Belvedere, Provence, Preserve, Huthnace and Deer Creek. A minor amount of infill is expected along Hamilton Pool Road. Of note: Table 2 identifies four wholesale customers that are exceeding their contracted amounts based on an average day usage. These wholesale users include Reunion Ranch WCID, Barton Creek West WSC, Crystal Mountain and Deer Creek; it is unknown if this trend is expected to continue. Wholesale LUEs were calculated by sorting the wholesale customer data from September 2022 to September 2023 and summing the billed consumption for each month by customer. After calculating the total billed consumptions an average was taken for the year in gpd usage and this average was used to calculate LUEs using a 450 gpd/LUE assumption.

**Table 3: Existing and Projected Water LUE Count by Pressure Plane**

Existing and Projected Water LUE Count by Pressure Plane				
System	Pressure Plane	2023 LUES*	2024-2034 Projected Growth	Ultimate 20 yr +/-
<b>US 290</b>	1240	3,453	765	4,448
	1340 N	990	2,601	6,088
	1340 S	3,887	2,077	7,771
	1420 (290)	3,847	1,730	6,477
<b>US 290 Total</b>		<b>12,178</b>	<b>7,173</b>	<b>24,784</b>
<b>HWY 71</b>	1080 (BCR)	3,275	289	3,304
	1080 (CoBC)	1,292	683	2,181
	1280 (HPR)	593	245	839
	1280 (CoBC)	2,539	1,324	4,716
	1280 (71)	2,567	1,432	5,208
	1420 (HPR)	1,332	1,159	3,131
<b>HWY 71 Total</b>		<b>11,598</b>	<b>5,132</b>	<b>19,379</b>
<b>TOTAL</b>		<b>23,776</b>	<b>12,305</b>	<b>44,163</b>

\*Calculation of LUE based on meter size

**Table 4: Water Land Use Growth Assumption Summary Tabulation**

Impact Fee Planning Period Year	TOTAL LUEs		
	US290	SH71	TOTAL
<b>Oct-25</b>	12,890	13,123	26,013
<b>Oct-26</b>	13,478	13,571	27,049
<b>Oct-27</b>	14,100	14,009	28,109
<b>Oct-28</b>	14,759	14,436	29,195
<b>Oct-29</b>	15,447	14,851	30,298
<b>Oct-30</b>	16,168	15,253	31,421
<b>Oct-31</b>	16,920	15,643	32,562
<b>Oct-32</b>	17,704	16,020	33,724
<b>Oct-33</b>	18,514	16,382	34,896
<b>Oct-34</b>	19,351	16,730	36,081

Appendix C: *Water LUE Summary Figures* provide a graphical representation of the water LUA.

Tables 5-7 provide a similar summary tabulation for wastewater to that described and provided for water. Since not all water customers in the Bee Caves/ Hwy 71 system receive wastewater service, the growth and total connections will differ.

**Table 5: Existing Wastewater LUEs**

Murfee Engineering Company, Inc. Texas Registered Firm No. F-353			6/05/2024	
<b>WTCPUA - April 2024 SH71 System WW LUE Summary</b>				
<b>RETAIL CUSTOMERS</b>				
<b>Rate District</b>	<b>Read Route &amp; Description</b>	<b>Connections</b>	<b>Exist WW LUEs*</b>	
SH 71	311 Seven Oaks	9	39	
	312 Uplands	7	50	
	313 Seven Oaks	1	5	
	314 Falconhead	463	504	
	315 Spanish Oaks & Hwy 71	443	457	
	316 Lake Pointe 1	266	273	
	317 Lake Pointe 2	217	233	
	318 Shops at the Galleria	95	570	
	319 Lake Pointe 3	208	212	
	320 Lake Pointe 4	253	253	
	321 620 & 71	739	1297	
<b>TOTAL</b>		<b>2,701</b>	<b>3,892</b>	
* - Calculation of LUEs is based on meter size. Meters with zero consumption were not counted.				
<b>WHOLESALE CUSTOMERS</b>				
<b>Customer</b>	<b>January-December 2023 Average Usage (gpd)</b>	<b>January-December 2023 Peak Month Usage (gpd)</b>	<b>Exist WW LUEs</b>	
Masonwood	102,547	122,107	570	
WCID 17**	74,816	79,867	416	
<b>TOTAL</b>		<b>177,363</b>	<b>201,974</b>	<b>985</b>
** - Calculation of Wholesale LUEs is based on 180 gpd/LUE				
<b>GRAND TOTAL</b>			<b>4,877</b>	



**Table 6: Wastewater Land Use Assumption Tabulation; by Development**

Upcoming Development	GROWTH from 2024-2034				TOTAL LUEs
	Retail		Wholesale	Total	
	Residential	Commercial			
Backyard	0	357	0	357	4,877
Ladera Ridge	0	19	0	19	5,234
Masonwood	0	0	80	80	5,333
Pearl (Terraces)	205	0	0	205	5,538
West Village	337.5	337.5	0	675	6,213
Infill/Buildout*	0	225	0	225	6,438
<b>Subtotal</b>	<b>542.5</b>	<b>938.5</b>	<b>80</b>	<b>1,561</b>	<b>6,438</b>
<b>TOTAL</b>	<b>1,481</b>				

\*Infill/Buildout assumed to be commercial

**Table 7: Wastewater Land Use Assumption Tabulation; by Year**

Impact Fee Planning Period Year	GROWTH				TOTAL LUEs
	Retail		Wholesale	Total	
	Residential	Commercial			
2025	95	24	8	127	4,877
2026	112.5	62.5	8	183	5,004
2027	47.5	52.5	8	108	5,187
2028	47.5	103.5	8	159	5,295
2029	47.5	103.5	8	159	5,454
2030	42.5	118.5	8	169	5,613
2031	37.5	118.5	8	164	5,782
2032	37.5	118.5	8	164	5,946
2033	37.5	118.5	8	164	6,110
2034	37.5	118.5	8	164	6,274
<b>Subtotal</b>	<b>542.5</b>	<b>938.5</b>	<b>80</b>	<b>1,561</b>	<b>6,438</b>
<b>TOTAL</b>	<b>1,481</b>				

A graphical representation of the wastewater LUA is presented in Appendix D: *Wastewater LUA Summary Figure*.

## SYSTEM PLANNING CRITERIA

In order to step forward to a Capital Improvements Plan from the Land Use Assumptions it is necessary to define the units used in the projections. Therefore the projections are defined in terms of water and wastewater system usage as well as the criteria used to establish the capacities of regional facilities. The capacity of the system's existing and proposed CIP infrastructure are generally sized to serve the projected growth.

### *Unit Usage*

Based on the operational history of the system under the WTCPUA, which now spans approximately twelve years, unit usage in gallons per day per living unit equivalent (gpd/LUE) has been developed for both the water and wastewater systems. Table 8 presents a comparison of the unit usage used in the 2012 Impact Fee Study (IFS) and the revised unit usage used in this report. As can be seen below peak day water usage has dropped to 864 gpd/LUE (the state minimum requirement) from 1,090 gpd/LUE. Similarly the wastewater demand average has decreased to 180 gpd/LUE from 205 gpd/LUE.

**Table 8: Water System Unit Usage Comparison**

System	2012 IFS Unit Usage (gpd/LUE)	2024 IFS Unit Usage (gpd/LUE)	Description
Water	450	450	Annual average
	1,090	864	Peak day
Wastewater	205	180	30-day average

### *System Criteria*

The primary criteria used to establish the capacity of the existing facilities and allocate for growth in CIP projects are pipe velocities, pumping capacity, and system storage. Transmission main capacity is evaluated using peak day unit usage and a 5 feet per second (fps) limitation on velocity. Pumping capacity is evaluated using the Firm Capacity (the capacity of a pump station when the largest pump

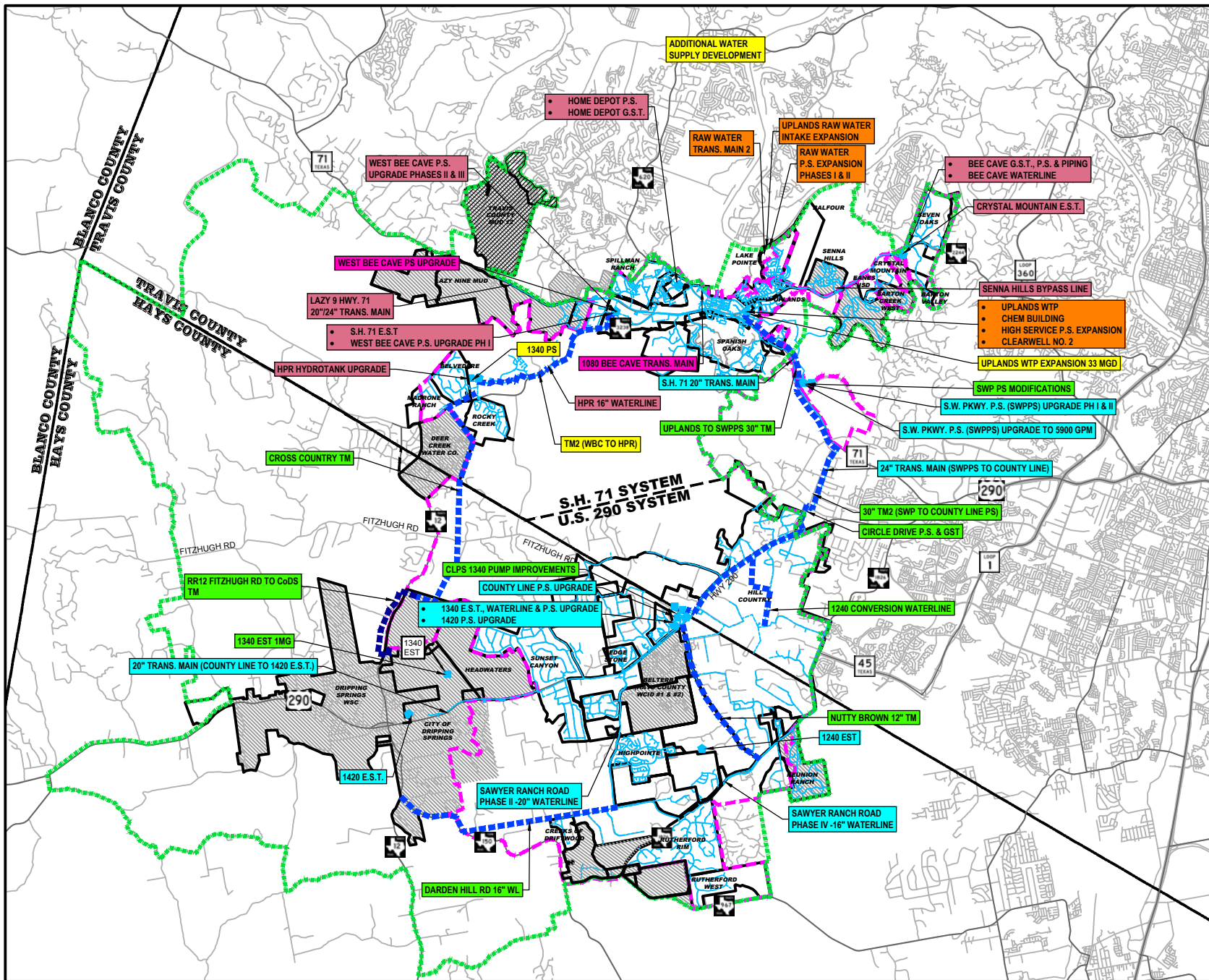
is out of service), which is the methodology required by the Texas Commission on Environmental Quality (TCEQ). A water distribution system model is used to evaluate the system dynamically and assist in sizing the facilities to provide minimum service level benchmarks. Once facilities are evaluated using the water distribution system model, the facilities' service areas are delineated and the preliminary capacity is evaluated in terms of the TCEQ minimum water system capacity requirements described in TAC §290.45. For the WTCPUA water system, the pumping requirements are 2.0 gpm/connection in service sub-areas where 200 gallons/connection of ground and elevated storage are not provided and 0.6 gpm/connection in sub-areas that meet the 200 gallons/connection threshold. Total storage is evaluated using dynamic peak day analyses in the water distribution system model as well as the TCEQ minimum criteria of 200 gallons/connection total storage, 100 gallons/connection elevated storage, 20 gallons/connection hydropneumatic system storage, and a clearwell storage capacity of 5% of the water plant's production capacity.

### **CAPITAL IMPROVEMENTS PLAN**

Using the above-described LUAs and the unit usage and system planning criteria, a Capital Improvements Plan was developed that identifies the projects required to meet the forecasted demands as well as estimated dates that the projects will be needed and forecasted project costs. Appendix E contains tables for water and wastewater project capacity assessments and allocations for existing projects as well as those for the proposed projects. The existing and proposed projects together define the CIP for the purposes of the impact fee calculations.

APPENDIX A-1:

2024 Impact Fee Study Overall Water Exhibit



**C.I.P. PROJECTS LEGEND**

PROPOSED

**LEGEND**

- WTCPUA WATER SYSTEM BOUNDARY
- EXISTING CIP FACILITIES
- PROPOSED CIP FACILITIES
- REGIONAL BOUNDARIES
- EXISTING WHOLESALE CUSTOMERS
- SERVICE PRELIM RETAIL

**EXISTING C.I.P.**

- GROUNDWATER FEASIBILITY STUDY
- RAW WATER LINE & WTP EXPANSION PER
- S.H. 71 WATER SYSTEM MODELING
- U.S. 290 WATER SYSTEM MODELING

**PROPOSED C.I.P.**

- SYSTEM WIDE
- S.H. 71 WATER SYSTEM MODELING & ANALYSIS
- U.S. 290 WATER SYSTEM MODELING & ANALYSIS

**PRELIMINARY DRAWING FOR PLANNING PURPOSES ONLY**

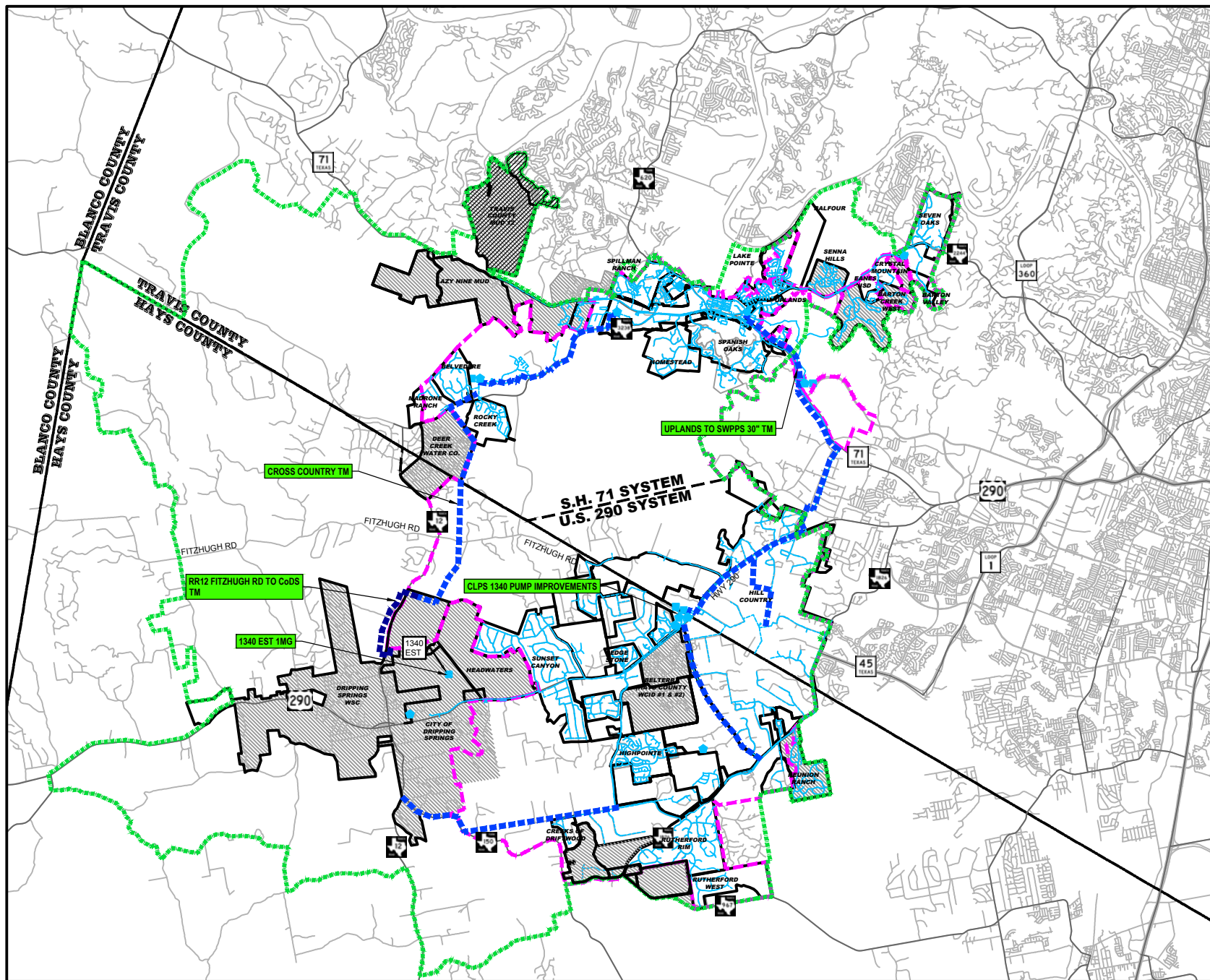
Muir/Free Engineering Company Texas Registered Engineering Firm F-353 1101 Capital of Texas Highway South, Building D, Suite 110, Austin, Texas 78746, (512) 327-9004		
<b>WEST TRAVIS COUNTY P.U.A.</b> <b>IMPACT FEE STUDY 2024</b>		
DATE: 10/1/2024	JOB NO: 11461-184	SCALE: AS NOTED
DESIGNED BY: GMM	DRAWN BY: RLW	CHECKED BY: GMM

PLOT DATE: 2024.10.15  
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APPENDIX A-2:  
Proposed 2024 Water CIP Exhibit



- LEGEND**
- WTCPLA WATER SYSTEM BOUNDARY
  - EXISTING CIP FACILITIES
  - PROPOSED CIP FACILITIES
  - REGIONAL BOUNDARIES
  - EXISTING WHOLESALE CUSTOMERS
  - SERVICE PRELIM RETAIL



**PRELIMINARY DRAWING FOR PLANNING PURPOSES ONLY**

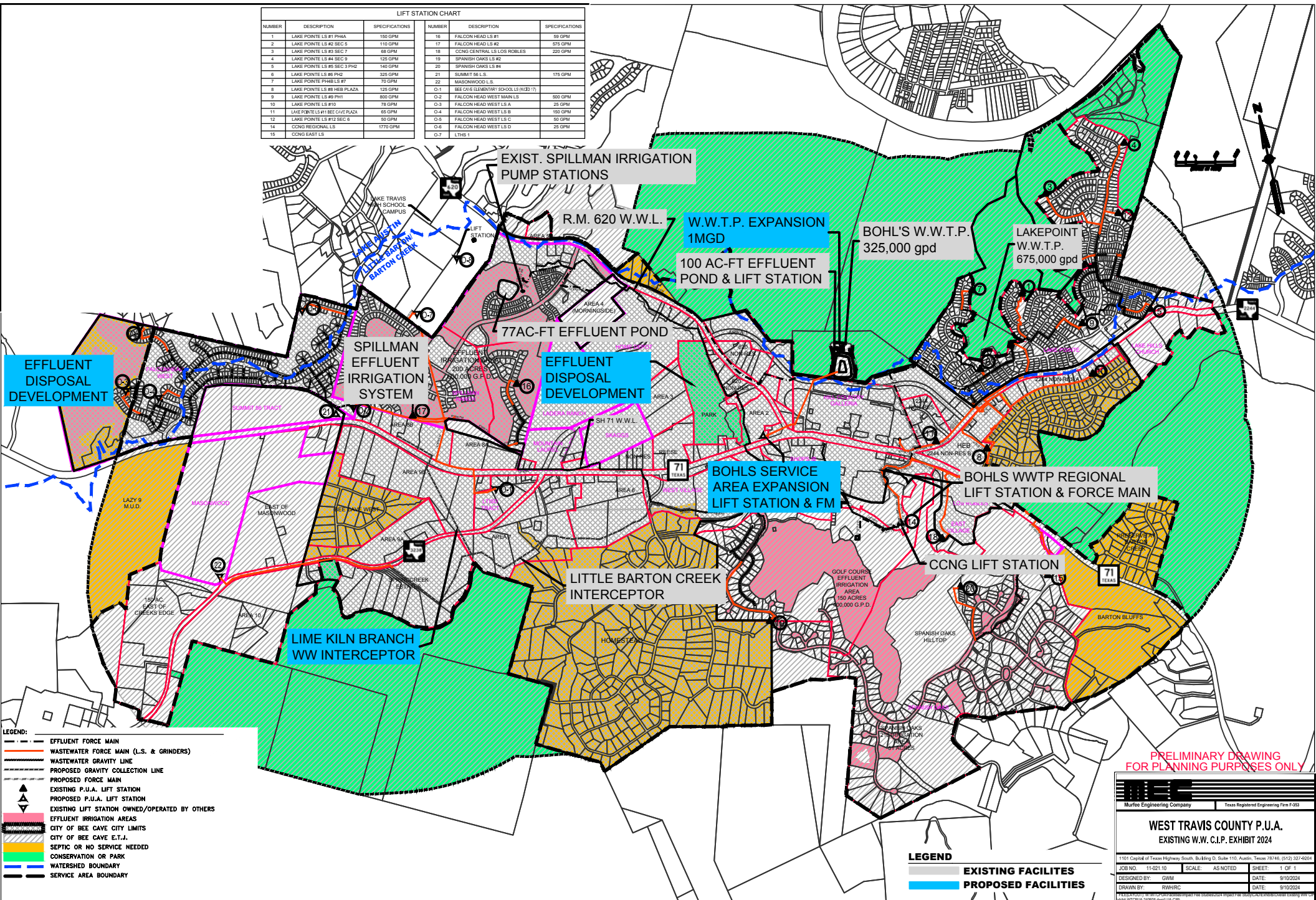
Muir Engineering Company Texas Registered Engineering Firm F-353 1101 Capital of Texas Highway South, Building D, Suite 110, Austin, Texas 78746, (512) 327-9004		
<b>WEST TRAVIS COUNTY P.U.A.</b> <b>IMPACT FEE STUDY 2024</b>		
DATE: 10/1/2024	JOB NO: 11405-184	SCALE: AS NOTED
DESIGNED BY: GMM	DRAWN BY: RLW	CHECKED BY: GMM

PLOT DATE: 2024.10.15  
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APPENDIX B-1:  
Existing 2024 Wastewater CIP



LIFT STATION CHART					
NUMBER	DESCRIPTION	SPECIFICATIONS	NUMBER	DESCRIPTION	SPECIFICATIONS
1	LAKE POINTS LS #1 PHA	150 GPM	16	FALCON HEAD LS #1	50 GPM
2	LAKE POINTS LS #2 SEC 5	110 GPM	17	FALCON HEAD LS #2	50 GPM
3	LAKE POINTS LS #3 SEC 7	68 GPM	18	CCNG CENTRAL LS LOS ROBLES	220 GPM
4	LAKE POINTS LS #4 SEC 9	125 GPM	19	SPANISH OAKS LS #2	
5	LAKE POINTS LS #5 SEC 3 PH2	140 GPM	20	SPANISH OAKS LS #4	
6	LAKE POINTS LS #6 PH2	220 GPM	21	SUMMIT DR LS	
7	LAKE POINTS PH4B LS #7	70 GPM	22	MASONWOOD LS	175 GPM
8	LAKE POINTS LS #8 HEB PLAZA	125 GPM	O-1	BEE CAVE ELEMENTARY SCHOOL LS (WCD '1)	
9	LAKE POINTS LS #9 PH1	800 GPM	O-2	FALCON HEAD WEST MAIN LS	500 GPM
10	LAKE POINTS LS #10	70 GPM	O-3	FALCON HEAD WEST LS A	25 GPM
11	LAKE POINTS #11 BEE CAVE PLAZA	65 GPM	O-4	FALCON HEAD WEST LS B	150 GPM
12	LAKE POINTS LS #12 SEC 6	50 GPM	O-5	FALCON HEAD WEST LS C	50 GPM
14	CCNG REGIONAL LS	1770 GPM	O-6	FALCON HEAD WEST LS D	25 GPM
15	CCNG EAST LS		O-7	LTHS '1	



PRELIMINARY DRAWING FOR PLANNING PURPOSES ONLY

**Murfee Engineering Company**  
 Texas Registered Engineering Firm F-333

**WEST TRAVIS COUNTY P.U.A.**  
 EXISTING W.W. C.I.P. EXHIBIT 2024

1101 Capitol of Texas Highway, South, Building D, Suite 110, Austin, Texas 78746, (512) 321-6204

JOB NO: 11-021-10	SCALE: AS NOTED	SHEET: 1 OF 1
DESIGNED BY: GWM	DATE: 9/10/2024	
DRAWN BY: RW/RC	DATE: 9/10/2024	

1:1000 Scale

APPENDIX B-2:  
Proposed 2024 Wastewater CIP

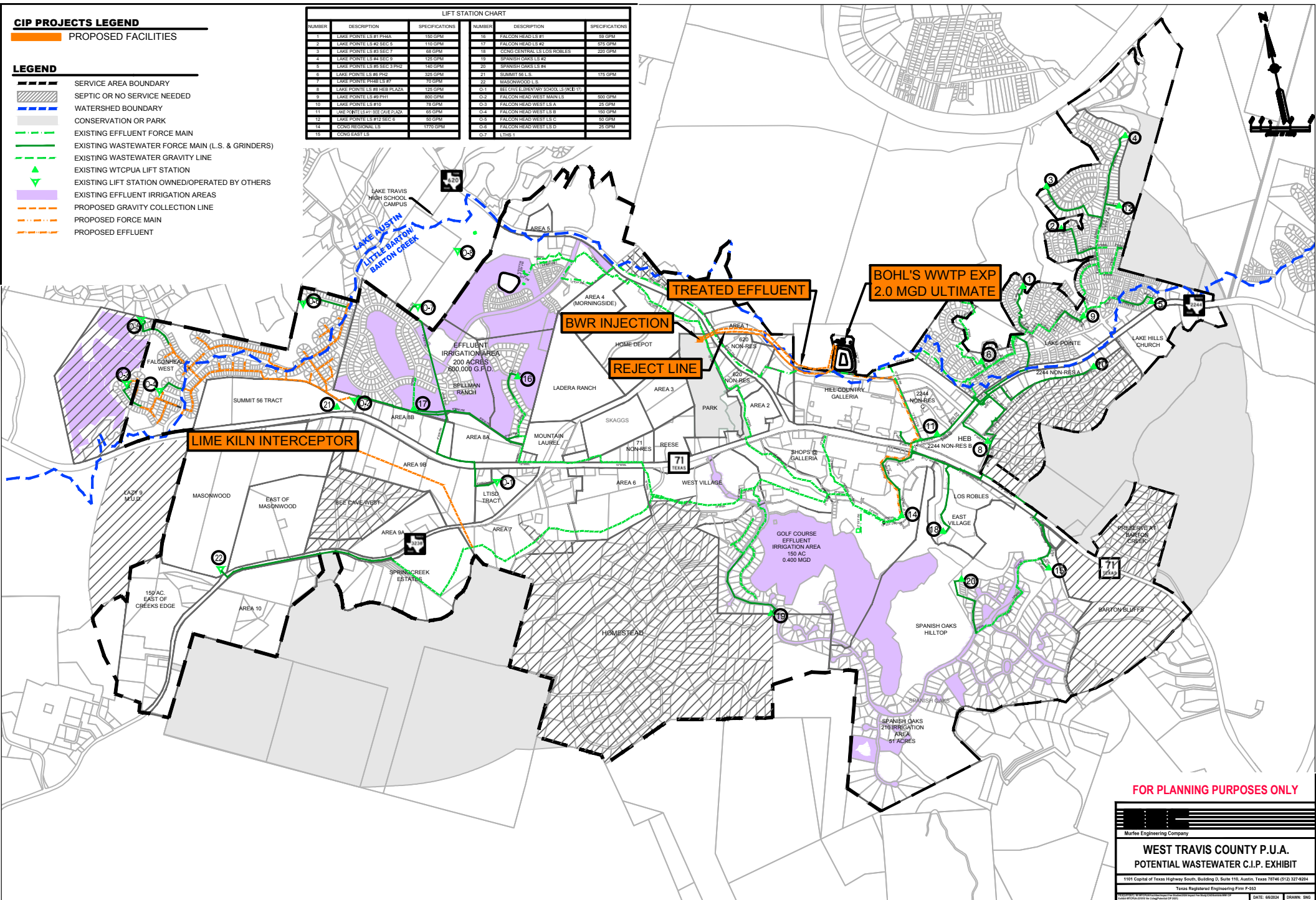
**CIP PROJECTS LEGEND**

PROPOSED FACILITIES

**LEGEND**

- SERVICE AREA BOUNDARY
- SEPTIC OR NO SERVICE NEEDED
- WATERSHED BOUNDARY
- CONSERVATION OR PARK
- EXISTING EFFLUENT FORCE MAIN
- EXISTING WASTEWATER FORCE MAIN (L.S. & GRINDERS)
- EXISTING WASTEWATER GRAVITY LINE
- EXISTING WTCPUA LIFT STATION
- EXISTING LIFT STATION OWNED/OPERATED BY OTHERS
- EXISTING EFFLUENT IRRIGATION AREAS
- PROPOSED GRAVITY COLLECTION LINE
- PROPOSED FORCE MAIN
- PROPOSED EFFLUENT

LIFT STATION CHART					
NUMBER	DESCRIPTION	SPECIFICATIONS			
1	LAKE PONTE LS #1 PHA1	150 GPM	16	FALCON HEAD LS #1	50 GPM
2	LAKE PONTE LS #2 SEC 5	110 GPM	17	FALCON HEAD LS #2	230 GPM
3	LAKE PONTE LS #3 SEC 7	60 GPM	18	COING CENTRAL LS LOS ROBLES	220 GPM
4	LAKE PONTE LS #4 SEC 9	125 GPM	19	SPANISH OAKS LS #2	
5	LAKE PONTE LS #5 SEC 3 PH2	140 GPM	20	SPANISH OAKS LS #4	
6	LAKE PONTE LS #6 PH2	325 GPM	21	SUMMIT 56	175 GPM
7	LAKE PONTE PRBLE LS #7	70 GPM	22	MASONWOOD L.S.	
8	LAKE PONTE LS #8 HEB PLAZA	125 GPM	0-1	HEE CAVE ELEMENTARY SCHOOL LS (W/D 17)	
9	LAKE PONTE LS #9 PH1	800 GPM	0-2	FALCON HEAD WEST MAIN LS	500 GPM
10	LAKE PONTE LS #10 PH2	110 GPM	0-3	FALCON HEAD WEST LS A	100 GPM
11	LAKE PONTE LS #11 HEB CAVE PLAZA	60 GPM	0-4	FALCON HEAD WEST LS B	100 GPM
12	LAKE PONTE LS #12 SEC 6	50 GPM	0-5	FALCON HEAD WEST LS C	50 GPM
13	COING REGIONAL LS	1770 GPM	0-6	FALCON HEAD WEST LS D	25 GPM
14	COING EAST LS		0-7	LH# 1	



FOR PLANNING PURPOSES ONLY

Murco Engineering Company

**WEST TRAVIS COUNTY P.U.A.**  
**POTENTIAL WASTEWATER C.I.P. EXHIBIT**

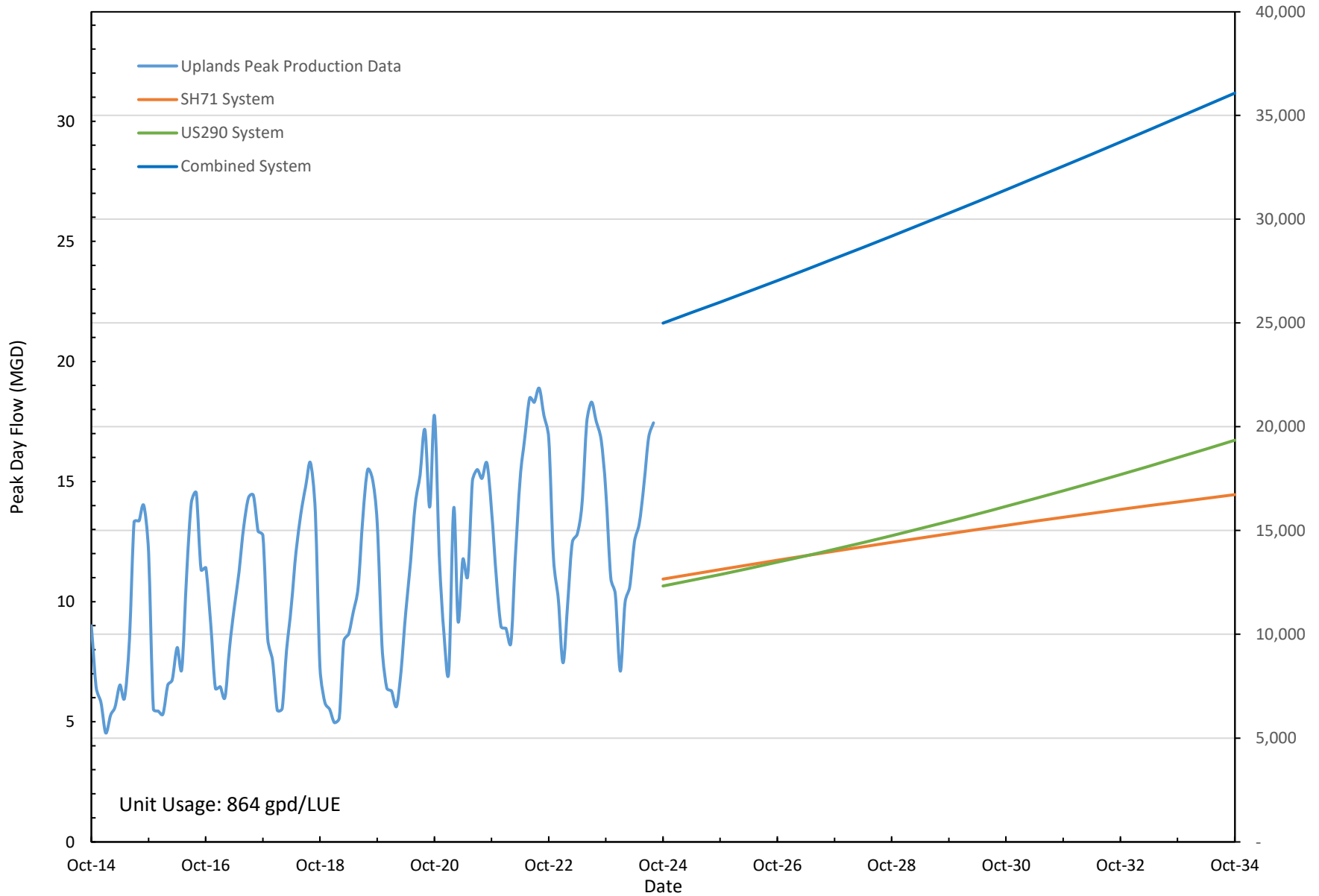
1101 Capital of Texas Highway South, Building D, Suite 110, Austin, Texas 78746 (512) 327-0204

Texas Registered Engineering Firm F-353

DATE: 06/20/24 DRAWN: SMO

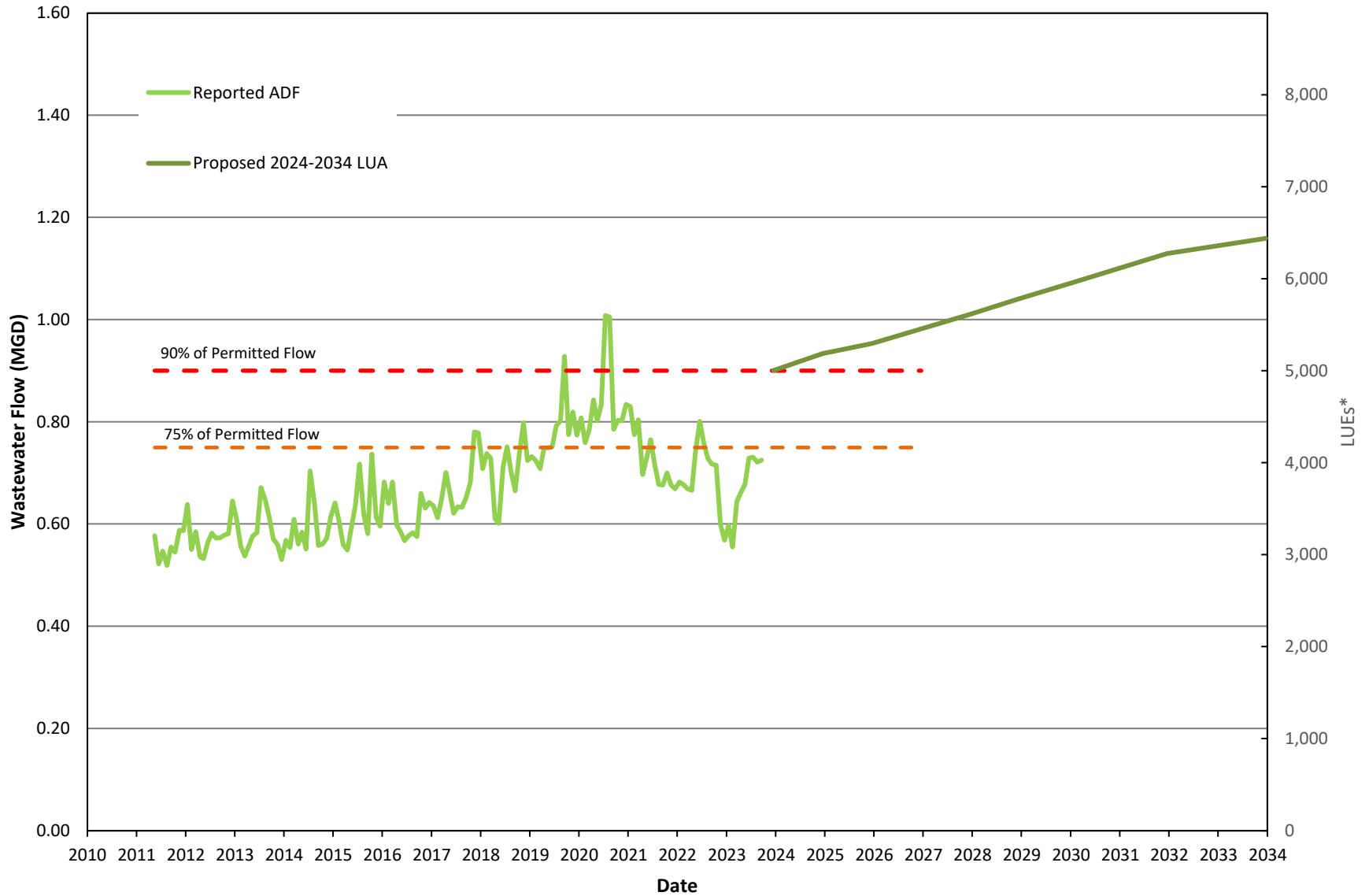
APPENDIX C:  
Water LUEs Summary Figures

### WTCPUA - Water LUA Summary 2024



APPENDIX D:  
Wastewater LUA Summary Figure

### WTCPUA - Wastewater LUA Summary 2024



\*Note: LUE= 180 gpd/LUE

APPENDIX E:

CIP Tables

E-1 Total Capital Allocated to Growth

E-2 Growth Allocation Existing Projects - Water

E-3 Growth Allocation Proposed 2024 CIP Projects - Water

E-4 Growth Allocation Existing Projects-Wastewater

E-5 Growth Allocation Proposed 2024 CIP Projects - Wastewater



## E-1 Total Capital Allocated to Growth

Table E-1 Total Capital Allocated to Growth

**WATER**

Proposed 2024 CIP Projects

System	Total Capital Allocated to Growth					Unit Cost	Combined*
	2024-2034 LUE Projected Growth	Existing	2024 CIP	Total	Total		
System-Wide	12,305	\$ 8,588,546	\$ 76,958,387	\$ 85,546,933	\$ 6,952.21		
US290	7,173	\$ 10,660,943	\$ 56,766,738	\$ 67,427,682	\$ 9,400.21	\$ 16,352.42	
SH71	3,995	\$ 4,917,377	\$ 8,339,413	\$ 13,256,790	\$ 3,318.35	\$ 10,270.55	

\* - unadjusted maximum allowable

**WASTEWATER**

2024 Impact Fee Study

System	Total Capital Allocated to Growth				Unit Cost
	LUEs	Existing	2024 CIP	Total	
System-Wide	1,561	\$ 8,186,714	\$ 17,420,500	\$ 25,607,214	\$ 16,404.37

\* - unadjusted maximum allowable

## E-2 Growth Allocation Existing Projects - Water

Table E-2 Growth Allocation Existing Projects - Water

WTCPUA Capital Improvements Program - Water									
Existing CIP Projects									
Project	Project Cost	Capacity (MGD or LUEs)	Current Capacity Used (MGD or LUEs)	Capacity Used 2024-2034 (MGD or LUEs)	Allocation for Current Capacity	Allocation for 2024-2034	Cost Allocation - Current	Cost Allocation - Growth	
<b>System-wide</b>									
System Hydraulic Modelling (2022)	\$ 75,917	N/A	N/A	N/A	10%	90%	\$ 7,592	\$ 68,325	
Uplands WTP Chem Building*	\$ 2,141,458	20	19.5	0.5	98%	2%	\$ 2,087,922	\$ 53,536	
Uplands WTP Ph1 (2012)	\$ 299,650	20	19.5	0.5	98%	2%	\$ 292,159	\$ 7,491	
Uplands WTP*	\$ 40,249,533	20	19.5	0.5	98%	2%	\$ 39,243,295	\$ 1,006,238	
Uplands Raw Water Intake Expansion*	\$ 416,305	20	19.5	0.5	98%	2%	\$ 405,897	\$ 10,408	
High Service Pump Station 8MGD-14MGD*	\$ 4,034,066	20	19.5	0.5	98%	2%	\$ 3,933,214	\$ 100,852	
Uplands Clearwell No. 2*	\$ 997,229	20	19.5	0.5	98%	2%	\$ 972,298.28	\$ 24,931	
Groundwater Feasibility Study	\$ 40,000	N/A	N/A	N/A	84%	16%	\$ 33,600	\$ 6,400	
Raw Water Line & (Uplands) WTP Expansion PER	\$ 173,726	N/A	N/A	N/A	28%	72%	\$ 48,643.28	\$ 125,083	
Raw Water Pump Station Expansion (Phase I) (3MGD)	\$ 1,592,603	3	0.4	2.6	13%	87%	\$ 212,347.07	\$ 1,380,256	
Raw Water Transmission Main No. 2	\$ 6,182,157	16.5	1.4	15.1	8%	92%	\$ 524,546.65	\$ 5,657,610	
Raw Water Transmission Main No. 2 Chlorine Injection Improvements	\$ 161,083	16.5	1.4	15.1	8%	92%	\$ 13,667.65	\$ 147,415	
Subtotal	\$ 56,363,727						\$ 47,775,181	\$ 8,588,546	
<b>SH71 System</b>									
HPR GST2	\$ 1,669,785	5000	200	2000	4%	96%	\$ 66,791	\$ 1,602,994	
West Bee Cave PS Upgrade (Phases III) <sup>1</sup>	\$ 178,073	2500	200	2000	8%	92%	\$ 14,246	\$ 163,827	
Lazy 9 SW 71 (20") Transmission Main*	\$ 3,090,461	20	19.5	0.5	98%	2%	\$ 3,013,199	\$ 77,262	
71 System Modeling	\$ 49,578	N/A	N/A	N/A	84%	16%	\$ 41,645.52	\$ 7,932	
SH71 EST (1.0 Mgal)	\$ 2,169,142	3000	1350	1650	45%	55%	\$ 976,114	\$ 1,193,028	
Misc. Improvements for 1280 Pressure Plane	\$ 177,037	3000	1350	1650	45%	55%	\$ 79,667	\$ 97,370	
West Bee Cave PS Upgrade (Phase I) (Add pump 4)	\$ 67,711	750	650	100	87%	13%	\$ 58,683	\$ 9,028	
West Bee Cave PS Upgrade (Phase II) (GST No2) <sup>2</sup>	\$ 1,448,644	5000	50	4950	1%	99%	\$ 14,486	\$ 1,434,158	
Transmission Main from Uplands Plant to Bee Cave Pump Station (1080-16)*	\$ 1,556,779	20	19.5	0.5	98%	2%	\$ 1,517,860	\$ 38,919	
Crystal Mountain EST*	\$ 1,917,518	20	19.5	0.5	98%	2%	\$ 1,869,580	\$ 47,938	
Senna Hills Bypass Line*	\$ 559,677	20	19.5	0.5	98%	2%	\$ 545,685	\$ 13,992	
HPR 1280 Pump Station Water	\$ 330,552	20	19.5	0.5	98%	2%	\$ 322,288	\$ 8,264	
HPR Water Line*	\$ 6,624,510	20	19.5	0.5	98%	2%	\$ 6,458,897	\$ 165,613	
Home Depot Pump Station*	\$ 392,792	20	19.5	0.5	98%	2%	\$ 382,972	\$ 9,820	
Home Depot Pump Station Expansion & Conversion	\$ 31,838	20	19.5	0.5	98%	2%	\$ 31,042	\$ 796	
Home Depot Ground Storage Tank*	\$ 147,043	20	19.5	0.5	98%	2%	\$ 143,367	\$ 3,676	
Bee Cave Ground Storage Tank, Pump Station & Piping (off Cuernevaca)*	\$ 699,851	20	19.5	0.5	98%	2%	\$ 682,355	\$ 17,496	
Bee Cave Waterline to Cuernevaca*	\$ 990,492	20	19.5	0.5	98%	2%	\$ 965,730	\$ 24,762	
HPR Conversion and Upgrade to 1,500 gpm	\$ 530	375	20	355	5%	95%	\$ 28	\$ 502	
Subtotal	\$ 22,102,013						\$ 17,184,636	\$ 4,917,377	
<b>US290 System</b>									
1240 EST	\$ 4,491,000	2250	662	1588 LUEs	29%	71%	\$ 1,321,352	\$ 3,169,648	
1420 Pump Station Upgrade <sup>2</sup>	\$ 649,509	3000	150	1100	5%	95%	\$ 32,475	\$ 617,034	
1340 TM (Sawyer Ranch Road Ext)	\$ 1,515,839	4500	2000	2500	44%	56%	\$ 673,706	\$ 842,133	
1340 Pump Station	\$ 1,863,638	2250	2000	250	89%	11%	\$ 1,656,567	\$ 207,071	
SWPPS Upgrade GST2 Phase 2 <sup>3</sup>	\$ 1,746,824	9500	500	9000	5%	95%	\$ 91,938	\$ 1,654,886	
County Line Pump Station Upgrade*	\$ 1,684,429	20	19.5	0.5	98%	2%	\$ 1,642,318	\$ 42,111	
290 Pipeline*									
24" SWPPS to County Line	\$ 12,841,593	20	19.5	0.5	98%	2%	\$ 12,520,553	\$ 321,040	
20" County Line to 1420 EST	\$ 3,411,212	20	19.5	0.5	98%	2%	\$ 3,325,932	\$ 85,280	
SH71 20" Transmission Main*	\$ 3,630,945	20	19.5	0.5	98%	2%	\$ 3,540,171	\$ 90,774	
20" Main Uplands to SWPPS Easements*	\$ 506,714	20	19.5	0.5	98%	2%	\$ 494,046	\$ 12,668	
1420 EST*	\$ 2,197,353	20	19.5	0.5	98%	2%	\$ 2,142,419	\$ 54,934	
Sawyer Ranch Road Ph 1 20"*	\$ 1,183,948	20	19.5	0.5	98%	2%	\$ 1,154,349	\$ 29,599	
Sawyer Ranch Road Ph 1 (Darden Hill)*	\$ 1,293,619	20	19.5	0.5	98%	2%	\$ 1,261,279	\$ 32,340	
SWPPS Upgrade to 5,900 gpm & GST1*	\$ 243,213	20	19.5	0.5	98%	2%	\$ 237,133	\$ 6,080	
SWPPS Upgrade Phase 1 GST	\$ 1,960,902	20	19.5	0.5	98%	2%	\$ 1,911,879	\$ 49,023	
1826 Phase IV 16" Water Line*	\$ 1,006,560	20	19.5	0.5	98%	2%	\$ 981,396	\$ 25,164	
1826 Phase IV 16" Water Line	\$ 48,480	20	19.5	0.5	98%	2%	\$ 47,268	\$ 1,212	
US290 System Modeling	\$ 79,955	N/A	N/A	N/A	84%	16%	\$ 67,162	\$ 12,793	
1340 EST	\$ 2,399,334	3000	1000	2000	33%	67%	\$ 799,778	\$ 1,599,556	
1340 Transmission	\$ 2,711,399	3000	1000	2000	33%	67%	\$ 903,800	\$ 1,807,599	
Subtotal	\$ 45,466,466						\$ 34,805,523	\$ 10,660,943	
<b>TOTALS</b>	\$ 123,932,206						\$ 99,765,340	\$ 24,166,866	

\*Denotes Projects Constructed by the LCRA, Purchased by WTCPUA

1. WBPS PH II & PH III projects separated. Phase II completed in 2020, consisting of a 0.5MG tank at 1LUE/200 gallons of capacity. Phase III construction started in 2021 & has been completed.

2. Two 900 GPM Pumps Under Construction June 2021

3. GST 2: Second of two 950,000 Gal GST tanks Under Construction, one 750,000 GST Tank Demolished, Increase 1.15 MG (2018 IFA Project Capacity Increase 0.75MG), 200gpm/connection 500,000 gal tank

## E-3 Growth Allocation Proposed 2024 CIP Projects - Water

Table E-3 Growth Allocation Proposed Projects CIP - Water

WTCPUA Capital Improvements Program - Water						
Proposed CIP Projects						
Project	Planning Horizon	Project Costs	Completion Year Scheduled	Capacity (increase)	Capacity Allocation - Growth	Cost Allocation - Growth
<b>System-wide</b>						
<b>CIP Projects</b>						
CIP 2024/Impact Fee Study 2024		\$ 150,000	2024	N/A	100%	\$ 150,000
Uplands WTP Expansion to 33MGD (13 MGD) <sup>1</sup>		\$ 80,000,000	2027	13 MGD	93%	\$ 74,400,000
HPR TM No. 2 Upsize (West Bee Cave to HPR) <sup>7</sup>		\$ 2,000,000	2027	3100 LUEs	2400 LUEs	\$ 1,548,387
Ranch Road 12 16" TM (HPR to Fitzhugh) <sup>8</sup>		\$ -	2034	5200 LUEs	2100 LUEs	\$ -
Raw Water Pump Station Expansion (Phase II - PER Only) <sup>9</sup>		\$ -	2033	7 MGD	15%	\$ -
Additional Water Supply Development <sup>5</sup>		\$ 1,000,000	2033	N/A	86%	\$ 860,000
Subtotal		\$ 83,150,000				\$ 76,958,387
<b>SH71 System</b>						
<b>CIP Projects</b>						
1080 Bee Cave Transmission Main (Seg A+B) <sup>2</sup>		\$ 10,247,968	2025	15229 LUEs	9950 LUEs	\$ 6,696,000
West Bee Cave PS Upgrade (Electrical & Pumping)		\$ 1,560,000	2026	4200LUEs	2100 LUEs	\$ 780,000
HPR TM No. 2 (West Bee Cave to HPR)		\$ 1,760,000	2027	1963 LUEs	963 LUEs	\$ 863,413
Subtotal		\$ 13,567,968				\$ 8,339,413
<b>US290 System</b>						
<b>CIP Projects</b>						
Uplands WTP 30" TM to SWPPS Easement Acquisition <sup>6</sup>		\$ 1,000,000	2027	18350 LUEs	9175 LUEs	\$ 500,000
RR 12 Fitzhugh to CoDS TM		\$ 6,000,000	2027	5200 LUEs	2200 LUEs	\$ 2,538,000
1340 PS (HPR) <sup>10</sup>		\$ 2,822,400	2028	5200 LUEs	2100 LUEs	\$ 1,139,815
1340 EST at CoDS <sup>3</sup>		\$ 4,000,000	2025	5200 LUEs	4350 LUEs	\$ 3,346,000
Cross Country 16" TM		\$ 6,800,000	2027	5200 LUEs	2200 LUEs	\$ 2,876,923
CLPS 1340 Pump Improvements		\$ 2,725,000	2027	2500 LUEs	2500 LUEs	\$ 2,725,000
Nutty Brown 12" TM		\$ 5,640,000	2028	2900 LUEs	1000 LUEs	\$ 1,945,000
30" Parallel TM 2 (SWPPS to County Line)		\$ 32,780,000	2027	12000 LUEs	8810 LUEs	\$ 24,066,000
SWP PS Modifications		\$ 4,950,000	2025	12000 LUEs	8810 LUEs	\$ 3,634,000
Darden Hill RD 16" WL		\$ 8,000,000	2034	5200 LUEs	1800 LUEs	\$ 2,769,000
Fitzhugh Road 16" TM (CLPS to Crumley) <sup>8</sup>		\$ -	2034	5200 LUEs	3800 LUEs	\$ -
Fitzhugh Road 16" TM (Crumley to RR12) <sup>8</sup>		\$ -	2034	5200 LUEs	2200 LUEs	\$ -
1240 Conversion Water Line		\$ 4,400,000	2027	2700	2250	\$ 3,667,000
RM1826 Phase V 16" <sup>4</sup>		\$ -	TBD			\$ -
Heritage Oaks Loop Line <sup>4</sup>		\$ -	TBD			\$ -
Circle Drive Pump Station & GST		\$ 7,560,000	2027	3000	3000	\$ 7,560,000
Subtotal		\$ 86,677,400				\$ 56,766,738
<b>TOTALS</b>		\$ <b>183,395,368</b>				\$ <b>142,064,539</b>

1. Building, site improvements, electrical, & controls incorporated into 2024 expansion.
2. Additional Cost from 2018/2021 IFA, due to constraints in alignment, construction cost increase; easement delays and cost required phased construction
3. 1.0 MGD; Support Growth Fitzhugh Road to CoDS
4. Projects unnecessary in 10-year projected LUA growth phase; proposed capacity to be replaced by Nutty Brown and Fitzhugh TMs
5. AWS PER currently underway to study an increase in capacity in future expansions beyond the 10 year planning period
6. 2021 CIP Prop. Hwy 71 Parallel 20" TM2 (Uplands to SWPPS)
7. \$2,000,000 is the cost to oversize the Masonwood Development 16" TM to a 20" TM.
8. Project unnecessary in 10-year projected LUA growth phase; proposed capacity to be replaced by Cross Country 16" TM and CLPS 1340 Improvements.
9. Future expansion in coordination with AWS PER.
10. Moved to US290 system from System Wide as support for delivery of water to the City of Dripping Springs.

## E-4 Growth Allocation Existing Projects-Wastewater

Table E-4 Growth Allocation Existing Projects - Wastewater

<b>WTCPUA Capital Improvements Program - Wastewater</b>									
<b>Existing CIP Projects</b>									
<b>Project</b>	<b>Project Cost</b>	<b>Capacity (MGD)</b>	<b>Current Capacity Used (MGD)</b>	<b>Capacity Used 2024-2034 (MGD)</b>	<b>Allocation for Current Capacity</b>	<b>Allocation for 2024-2034</b>	<b>Cost Allocation - Current</b>	<b>Cost Allocation - Growth</b>	
Lake Pointe WWTP*	\$ 15,317,630	0.675	0.590	0.085	87%	13%	\$ 13,388,743	\$ 1,928,887	
Bee Cave Regional System*	\$ 8,499,620	1.0	0.800	0.200	80%	20%	\$ 6,799,696	\$ 1,699,924	
Spillman Effluent Irrigation System*	\$ 530,458	1.0	0.800	0.200	80%	20%	\$ 424,366	\$ 106,092	
CCNG Lift Station*	\$ 141,970	1.0	0.800	0.200	80%	20%	\$ 113,576	\$ 28,394	
RM 620 WW Line*	\$ 1,262,030	1.0	0.800	0.200	80%	20%	\$ 1,009,624	\$ 252,406	
SH71 WW Line*	\$ 998,809	1.0	0.800	0.200	80%	20%	\$ 799,047	\$ 199,762	
Bohls Effluent Pond and Lift Station	\$ 3,784,993	0.325	0.290	0.035	89%	11%	\$ 3,377,378	\$ 407,615	
Bohls WWTP	\$ 5,602,394	0.325	0.290	0.035	89%	11%	\$ 4,999,059	\$ 603,335	
Bohls WWTP Regional Lift Station/FM	\$ 2,100,864	0.325	0.290	0.035	89%	11%	\$ 1,874,617	\$ 226,247	
Little Barton Creek Interceptor*	\$ 2,851,077	0.267	0.038	0.229	14%	86%	\$ 403,021	\$ 2,448,056	
Master Planning & Permitting	\$ 310,867	N/A	N/A	N/A	8%	92%	\$ 24,869	\$ 285,998	
<b>TOTALS</b>	<b>\$ 41,400,712</b>						<b>\$ 33,213,998</b>	<b>\$ 8,186,714</b>	

\*Denotes Projects Constructed by the LCRA, Purchased by WTCPUA

1. Wastewater flow had a marginal increase in flow as calculated in Table 5; therefore percent allocations remain the same for the 2021 and 2024 Impact Fee Calculations



## E-5 Growth Allocation Proposed 2024 CIP Projects - Wastewater

Table E-5 Growth Allocation Proposed Projects 2024 CIP - Wastewater

<b>WTCPUA Capital Improvements Program - Wastewater</b>						
<b>Proposed 2024 CIP Projects</b>						
<b>Project</b>	<b>Planning Horizon Project Costs</b>	<b>Completion Year Scheduled</b>	<b>Capacity (increase)</b>	<b>Capacity Allocation - Growth</b>	<b>Cost Allocation - Growth</b>	
<b>2024 CIP Projects</b>						
CIP 2024/Impact Fee Study 2024	\$ 35,500	2024	N/A	100%	\$ 35,500	
Bohls WWTP Expansion. <sup>1</sup>	\$ 15,000,000	2027	1.0 MGD	32%	\$ 4,800,000	
BWR & Effluent Disposal Injection Well <sup>2</sup>	\$ -	2034	0.375 MGD	80%	\$ -	
BWR Phase 1 Supply/Reject FMs <sup>2</sup>	\$ -	2034	0.5 MGD	60%	\$ -	
Lime Kiln Interceptor	\$ 2,870,000	2027	1800 LUEs	50%	\$ 1,435,000	
<b>TLAP Disposal</b>	\$ 8,000,000	2027	0.232 MGD	100%	\$ 8,000,000	
<b>Effluent Line Extension</b>	\$ 1,800,000	2027	0.232 MGD	100%	\$ 1,800,000	
Bohls Service Area Expansion Lift Station & Force Main	\$ 1,800,000	2034	500 LUEs	75%	\$ 1,350,000	
<b>TOTALS</b>	<b>\$ 29,505,500</b>				<b>\$ 17,420,500</b>	

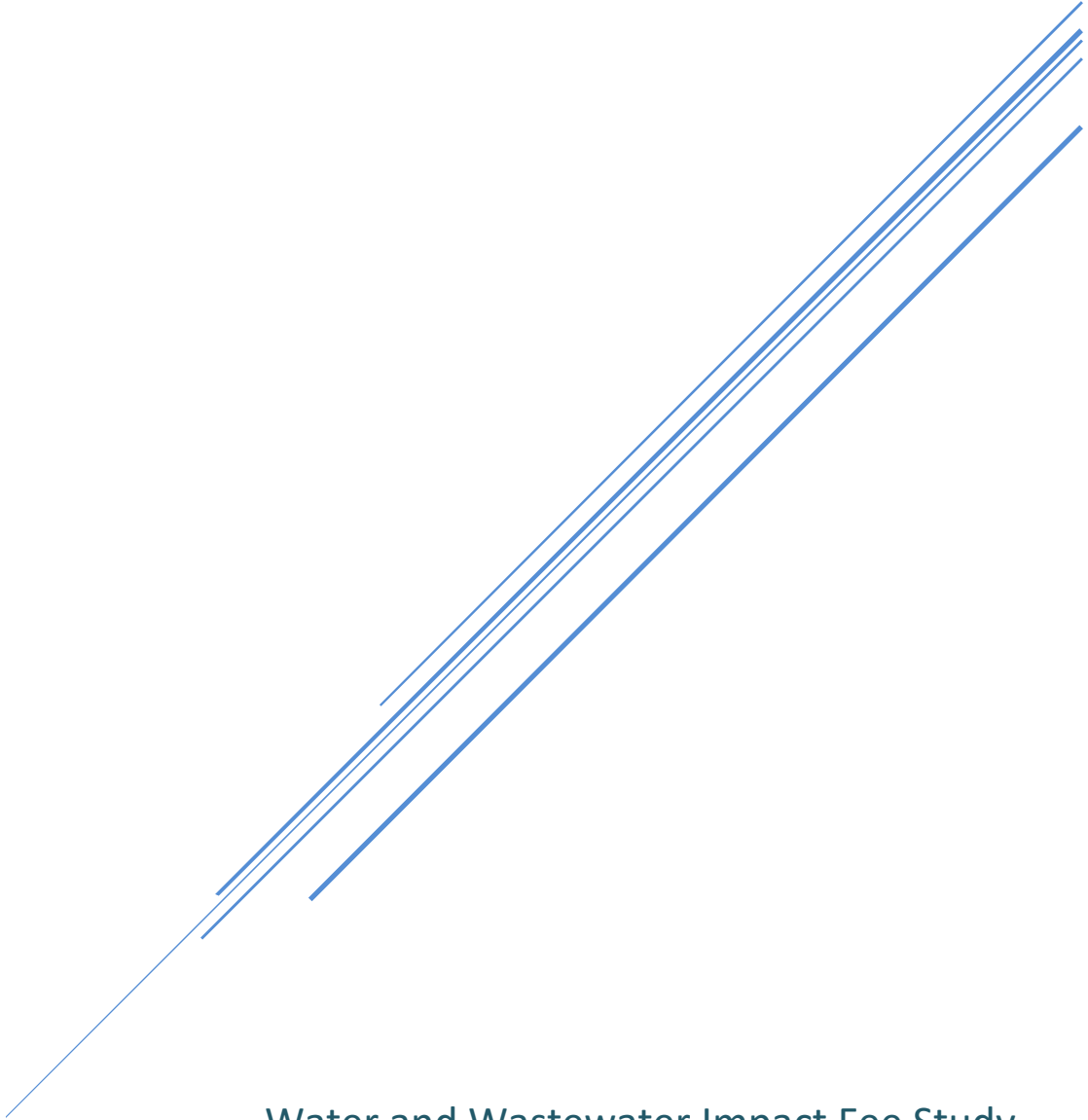
1. Increase in cost due to facility location space constraints, and BWR Phase 1 site relocation. Bohls expansion scope increased from 0.5 MGD to 1.0 MGD. Complete list of CIP Project expansions at Bohls' site, and potential Lake Pointe plant decommissioning, not listed due to no foreseeable allocation to growth.

2. BWR & DPR/Injection well not approved by TCEQ and no support from the board moving forward.

## **ITEM B**

# TECHNICAL REPORT

West Travis County PUA



Water and Wastewater Impact Fee Study  
November 2024

Nelisa Heddin Consulting  
[nheddin@nelisaheddinconsulting.com](mailto:nheddin@nelisaheddinconsulting.com)  
(512) 589-1028



# Executive Summary

The West Travis County Public Utility Agency (PUA) has retained Murfee Engineering Company, Inc. (MEC) and Nelisa Heddin Consulting (NH Consulting) to perform an update to the PUA's impact fee study. This report details the results of that analysis.

**Table 1: Summary of Water CIP Projects**

Water CIP Projects	System Wide	SH 71	US 290	Total
Existing Improvements	\$ 57,491,002	\$ 22,544,053	\$ 46,375,795	\$ 126,410,851
Previously Approved Future CIP	49,497,555	12,882,421	13,439,736	75,819,712
Newly Identified CIP	43,888,785	1,977,754	92,456,052	138,322,591
Total Improvements	\$ 150,877,342	\$ 37,404,228	\$ 152,271,583	\$ 340,553,153

**Table 2: Summary of Wastewater CIP Projects**

Wastewater CIP Projects	
Existing Improvements	\$ 42,228,726
Previously Approved Future CIP	28,283,746
Newly Identified CIP	5,274,109
Total Improvements	\$ 75,786,581

Table 3 provides the maximum allowable impact fee, including ad valorem tax credit for each scenario. Table 4 Provides a summary of the fees if assessed at 90%.

**Table 3: Summary of Maximum Allowable Impact Fees (Including Ad Valorem Tax Credit)**

Hwy 71 Water Impact Fee	\$ 18,068.70
US 290 Water Impact Fee	\$ 28,580.57
Wastewater Impact Fee	\$ 27,596.88



**Table 4: 90% of Maximum Allowable Impact Fees**

Hwy 71 Water Impact Fee	\$ 16,261.83
US 290 Water Impact Fee	\$ 25,722.52
Wastewater Impact Fee	\$ 24,837.19



# Background

## West Travis County Public Utility Agency

The PUA provides water and wastewater services to an estimated population of 60,000 people located in Travis and Hays counties. The PUA acquired the systems from the Lower Colorado River Authority (LCRA) in March 2012. Since that time, the PUA has continued to provide continuous and adequate service to the affected population.

The PUA was created in partnership through concurrent ordinances of the City of Bee Cave, Travis County Municipal Utility District #5 (now Lake Pointe Municipal Utility District), and Hays County as a vehicle to finance, own, and operate the West Travis County water and wastewater utility systems as a publicly owned utility. The PUA Board is currently comprised of five members, each appointed by each of the three sponsoring entities.

## Installment Purchase Agreement

In order to purchase the systems by a public entity rather than a divestiture to a private for-profit utility, the PUA was required to retire the debt which LCRA had outstanding against the systems. In March 2012, the principal balance of that debt exceeded \$140M, plus interest accrual. However, many of LCRA's bonds were not "callable." As such, immediately retiring the bonds would require the payment of defeasance costs, which would have added significant costs to ratepayers.

In order to avoid payment of additional defeasance costs, the PUA entered into an installment purchase agreement with the LCRA, which outlined specific timing for installment payments through 2019. These installment payments coincided with "call dates" associated with LCRA's bonds. Installment payments consisted of the principal balance on the callable bonds, plus capitalized interest accrued. The PUA made its first installment payment to the LCRA in July 2012. Since that time, the PUA funded subsequent installment payments through the issuance of bonds. The PUA made its final \$15M installment payment to the LCRA in the Spring of 2019. Installment payments to the LCRA included both the principal balance on the bonds as well as accrued interest.

## System Debt

Since its inception in 2012, the PUA has issued several series of revenue bonds. These issuances not only funded payments to the LCRA but also funded construction of existing and future capital improvement projects necessary to support regional growth.

In order to be rated for bonds, the PUA presented a financial pro forma which illustrated the PUA's ability to support its bonded indebtedness through rates and fees. In 2012, the PUA received an "A-" bond rating by Standard & Poors. In September, 2017 the PUA had its rating upgraded by Standard & Poors to "A positive" and "A1" by Moody's Investor Service. The PUA's rating was upgraded to "AA-" by Standard & Poors once again in December, 2022. This improved rating is due to increased cash reserves and improved operational and financial management of the utility, including significant cost reductions and revenue enhancements. Standard and Poors states that "the upgrade reflects conservative management that has enabled the system to have consistently very strong financial metrics and a manageable capital improvement program to deal with demand growth."



## System Revenues and Expenses

The PUA is a non-taxing entity. Accordingly, the PUA's only available avenues for revenue recovery are through rates and fees charged to current and future customers of the system. To the extent the PUA does not recover the costs of providing future service to customers through impact fees, those costs must be recovered through rates. The PUA is allowed to set impact fees at an amount at or below the maximum allowable fee as determined by the impact fee calculation. So long as the PUA does not go above the maximum allowable fee, the PUA may use policy initiatives to determine the appropriate level of the impact fee. This balance must be considered when setting an appropriate impact fee, realizing that any portion of the costs not recovered by impact fees will need to be recovered through monthly rates charged to customers.

## Impact Fee Fund

Impact fees are only collected from new growth in the system. Existing customers are not subject to pay impact fees<sup>1</sup>. The PUA maintains impact fees collected in a separate fund. The PUA spends impact fee monies only for authorized purposes in compliance with Chapter 395 of the Texas Local Government Code. The PUA has created a plan for spending those funds in accordance with Chapter 395.

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<sup>1</sup> Currently existing customers are not subject to impact fees with the exception of a currently existing customer who increases their level of service.





## Purpose of Report

One of the most effective growth management tools available to public utilities is the use of new customer impact fees, which facilitates growth paying for itself vs. existing customers paying for this cost burden in rates. The PUA has adopted a ten-year Land Use Assumptions and Capital Improvements Plan (CIP) to service growth in the system, and the cost of the 10-year CIP is the basis for calculating impact fees. Impact fees are calculated by taking the total cost of the CIP divided by the projected growth in living unit equivalents (LUEs) in the system for water and wastewater. The last step in the process to adopt an impact fee is the determination of the maximum allowable impact fees per the guidelines set forth in Chapter 395 of the Texas Local Government Code.

Chapter 395 of the Texas Local Government Code provides specific requirements that cities, water districts and other political subdivisions in Texas must abide by while determining, assessing, and collecting Impact Fees. The process outlined for implementing or amending fees includes:

1. Development of Land Use Assumptions (LUA);
2. Development of Capital Improvement Plan (CIP) based on LUA;
3. Development of maximum impact fees;
4. Public hearing on LUA, CIP and impact fees;
5. Adoption of or amendment to LUA, CIP and impact fees;

NH Consulting has been retained by the PUA to determine the maximum allowable impact fee per requirements set forth in Chapter 395 of the Texas Local Government Code, based upon the Land Use Assumptions and Capital Improvements Plan adopted by the PUA Board of Directors.

This report is intended to outline the methodology utilized by NH Consulting in determining the maximum allowable impact fee that can be charged by the PUA.



# Methodology and Findings

In developing amendments to impact fees charged to the PUA’s customers, it was first necessary to develop a future assumption of system growth. Next, capital improvements which are necessary to meet the needs of that growth are identified. Finally, a maximum allowable impact fee may be determined. Making this determination involves a systematic progression of steps, which are outlined below.

## Step 1: Land Use Assumptions

The PUA relied upon MEC to develop Land Use Assumptions, which have been summarized below. The values shown in Tables 5 and 6 are projected new living unit equivalents (LUEs) for each year in the study.

**Table 5: Future Land Use Assumptions – Water (New LUEs per Year)**

	US 290	SH71	Total
Oct-25	340	342	682
Oct-26	588	448	1,036
Oct-27	622	438	1,060
Oct-28	659	427	1,086
Oct-29	688	415	1,103
Oct-30	721	402	1,123
Oct-31	752	390	1,142
Oct-32	784	377	1,161
Oct-33	810	362	1,172
Oct-34	837	348	1,185
	6,801	3,949	10,750



**Table 6: Future Land Use Assumptions – Wastewater (New LUEs per Year)**

New LUEs per Year	Residential	Commercial	Wholesale	Total
Oct-24				
Oct-25	95.00	24.00	8.00	127.00
Oct-26	112.50	62.50	8.00	183.00
Oct-27	47.50	52.50	8.00	108.00
Oct-28	47.50	103.50	8.00	159.00
Oct-29	47.50	103.50	8.00	159.00
Oct-30	42.50	118.50	8.00	169.00
Oct-31	37.50	118.50	8.00	164.00
Oct-32	37.50	118.50	8.00	164.00
Oct-33	37.50	118.50	8.00	164.00
Oct-34	<u>37.50</u>	<u>118.50</u>	<u>8.00</u>	<u>164.00</u>
	542.50	938.50	80.00	1,561.00

**Step 2: Existing Improvements**

Chapter 395 of the Texas Local Government Code regulates impact fees that utilities may charge. Chapter 395 requires that impact fees collected by a utility should be utilized to pay for capital improvements necessitated by growth. Capital improvements utilized in the calculation may include existing improvements that have excess capacity as well as future improvements that will meet growth needs. Such projects were isolated by MEC and are included in the impact fee calculation.

**Step 3: Planned Improvements**

Planned improvements are improvements projected to be necessary in the future, which are driven by growth. Maintenance repair or replacement projects not driven by future growth may not be included in the impact fee calculation. MEC identified future projects that would be necessary to meet the needs of future growth based on projected timing of that growth.

**Step 4: Capacity Analysis**

Once projects eligible for inclusion in the impact fee have been determined, the next step is to perform a capacity analysis for each of those improvements. State law stipulates that only costs associated with available capacity projected to meet future growth needs in the ten-year planning period can be included in the fee determination.

**Step 5: Determination of Costs to be Included in Fee**

State law allows the following costs to be included in the impact fee calculation:



- ❖ Construction contract price;
- ❖ Surveying and engineering fees;
- ❖ Land acquisition costs;
- ❖ Projected interest and finance costs;
- ❖ Fees paid to a qualified engineer or financial consultant, preparing or updating the capital improvements plan.

As MEC estimated construction and engineering costs for each project in the CIP, NH Consulting used those cost estimates and grossed them up for legal and permitting costs as well as bond issuance costs (for bond funded projects) in order to arrive at an estimate of CIP costs in 2024 dollars. Given that many of the projects included in the CIP will be constructed in future years, NH Consulting then grossed up CIP cost estimates in order to account for future inflationary impacts to project costs, as described below.

- ❖ Allowable project design and construction costs, as described above, which were then inflated at 3% annually until projected project construction;
- ❖ Legal and permitting costs estimated at 1.5% of design and construction costs;
- ❖ Bond issuance costs estimated at 2% of design, construction, legal and permitting costs<sup>2</sup>;
- ❖ Interest Expense (assumed a 30 year bond at 4% interest)<sup>3</sup>.

The total costs that may be included in the water impact fees are identified on Schedules 1, 2 and 3; the costs that may be included in the wastewater impact fees are identified on Schedules 4, 5 and 6.

### *Step 6: Determination of Maximum Allowable Fee*

NH Consulting determined a maximum allowable impact fee, which collects all revenues to pay for allowable projects, related fees and interest associated with the pro-rata share or projects that are anticipated to be funded through the issuance of debt.

### *Step 7: Determination of Rate Revenue Credit*

In addition to describing the costs that can be included in the maximum impact fee calculation, Chapter 395 of the Texas Local Government Code also specifically states that the fee shall:

*“Provide a plan for awarding:*

- (a) A credit for the portion of ad valorem tax and utility service revenues generated by new service units during the program period that is used for the payment of improvements, including the payment of debt that is included in the capital improvements plan; or
- (b) In the alternative, a credit equal to 50 percent of the total projected cost of implementing the capital improvements plan.”

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<sup>2</sup> Bond issuance costs were only included for existing projects.

<sup>3</sup> Interest expense for existing projects included all accrued interest to-date, plus 10 years of future interest. Interest expense for future projects, if included, was for only 10 years of future interest.



Accordingly, the utility may elect to adopt a fee that is equal to 50% of the calculated amount or develop a plan for awarding a credit for utility service revenues that are generated to pay for debt associated with assets in the capital improvements plan.

NH Consulting has performed the requisite credit calculation that determines the credit needed for both the water and the wastewater utility. In so doing, NH Consulting has identified the annual debt service for PUA issued bonds, which are associated with regional assets to be funded through rates. NH Consulting then determined the estimated LUEs in the system based on the current LUE count and projected growth in the system. Finally, NH Consulting divided the total debt service paid for regional projects through rates by the total LUEs that would pay those rates to determine the total credit which should be applied against the maximum allowable impact fee.

## Summary of Maximum Allowable Fees

### *Maximum Allowable Fees*

Table 7 provides the maximum allowable impact fee, including ad valorem tax. Table 8 Provides a summary of the fees if assessed at 90%.

**Table 7: Summary of Maximum Allowable Impact Fees (Including Ad Valorem Tax Credit)**

Hwy 71 Water Impact Fee	\$ 18,068.70
US 290 Water Impact Fee	\$ 28,580.57
Wastewater Impact Fee	\$ 27,596.88

**Table 8: 90% of Maximum Allowable Impact Fees**

Hwy 71 Water Impact Fee	\$ 16,261.83
US 290 Water Impact Fee	\$ 25,722.52
Wastewater Impact Fee	\$ 24,837.19

West Travis County Public Utility Agency  
2024 Impact Fee Analysis - Water Utility

Schedule 1  
Future CIP Projects, Before Interest Expense - Previously Approved Projects (2018 Study)

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Project	Year Scheduled	Design/ Construction Costs (2024 Cost)	Legal/Permitting Costs (1.5%)	Issuance Costs (2% of Debt Funded Portion)	Subtotal (2024 Cost)	Future Cost (1)	Capacity Increase	Capacity Used in 2024-2034	Units	Percent Allocation to 2024- 2034 Growth	Cost Allocated to 2024-2034 Growth
<b>System Wide</b>											
Uplands WTP Expansion (2)	2027	43,076,923	646,154	594,656	44,317,733	48,427,184	13,000	12,090	MGD	93%	45,037,281
Additional Water Supply Development	2026	1,000,000	15,000	13,805	1,028,805	1,091,459				86%	938,654
		\$ 44,076,923	\$ 661,154		\$ 45,346,538	\$ 49,518,642					\$ 45,975,935
<b>US290 System</b>											
1240 Conversion Water Line	2027	4,400,000	66,000	60,740	4,526,740	4,946,491	2700	2250	LUE	83%	4,122,076
Circle Drive Pump Station	2027	7,560,000	113,400	104,362	7,777,762	8,498,971	3000	3000	LUE	100%	8,498,971
		\$ 11,960,000	\$ 179,400		\$ 12,304,502	\$ 13,445,462					\$ 12,621,046
<b>State Highway 71 System</b>											
West Bee Cave PS Upgrade (Electrical & Pumping)	2026	1,560,000	23,400	21,535	1,604,935	1,702,676	4200	2100	LUE	50%	851,338
1080 Bee Cave Transmission Main (Seg A+B)	2025	10,247,968	153,720	141,468	10,543,156	11,185,234	15229	9950	LUE	65%	7,307,970
		\$ 11,807,968	\$ 177,120	\$ 163,003	\$ 12,148,091	\$ 12,887,910					\$ 8,159,308
<b>Total Previously Approved Future CIP</b>		<b>\$ 67,844,891</b>	<b>\$ 1,017,673</b>	<b>\$ 163,003</b>	<b>\$ 69,799,130</b>	<b>\$ 75,852,013</b>					<b>\$ 66,756,290</b>

(1) Assumed 3% annual inflation to scheduled year.

(2) Total expansion planned expansion includes adding 13MGD at a total cost of \$80M, or \$6.15M per MGD. The 2018 study included an expansion of 7 MGD. Costs included on this sheet are for 7 MGD of the total expansion at \$6.15M per MGD. The remaining costs for the expansion are listed on Schedule 2, Future CIP - new projects

West Travis County Public Utility Agency  
2024 Impact Fee Analysis - Water Utility

Schedule 2  
Future CIP Projects, Before Interest Expense - Newly Identified Projects



Project	Year Scheduled	Design/ Construction Costs (2024 Cost)	Legal/Permitting Costs (1.5%)	Issuance Costs (2%)	Newly Proposed Projects		Capacity Increase	Capacity Used In 2024-2034	Units	Percent Allocation to 2024- 2034 Growth	Cost Allocated to 2024-2034 Growth
					Subtotal (2024 Cost)	Future Cost (1)					

<b>System Wide</b>											
Impact Fee Update 2024	2024	150,000				150,000				100%	150,000
Uplands WTP Expansion to 33 MGD	2027	36,923,077	553,846	493,318	37,970,241	41,491,107	13,000	12,090	MGD	93%	38,586,730
HPR TM No. 2 Upsize (West Bee Cave to HPR)	2027	2,000,000	30,000	26,721	2,056,721	2,247,435	3,100	2,400	LUES	77%	1,739,950
		\$ 39,073,077	\$ 583,846	\$ 520,039	\$ 40,176,962	\$ 43,888,542					\$ 40,476,680

<b>US 290 System</b>											
Uplands WTP 30" TM to SWPPS Easement Acquisition	2027	1,000,000	15,000	13,361	1,028,361	1,123,717	18,350	9,175	LUES	50%	561,859
RR 12 Fitzhugh to CODSTM	2027	6,000,000	90,000	80,164	6,170,164	6,742,305	5,200	2,200	LUES	42%	2,852,514
1340 PS (HPR)	2028	2,822,400	42,336	37,709	2,902,445	3,266,728	5,200	2,100	LUES	40%	1,319,255
1340 EST at CODS	2025	4,000,000	60,000	53,443	4,113,443	4,236,846	5,200	4,350	LUES	84%	3,544,285
Cross Country 16" TM	2027	12,780,000	191,700	170,750	13,142,450	14,361,110	5,200	2,200	LUES	42%	6,075,854
CLPS 1340 Pump Improvements	2027	2,725,000	40,875	36,408	2,802,283	3,062,130	2,500	2,500	LUES	100%	3,062,130
Nutty Brown 12" TM	2028	5,640,000	84,600	75,354	5,799,954	6,527,900	2,900	1,000	LUES	34%	2,251,000
30" Parallel TM 2 (SWPPS to County Line)	2027	32,780,000	491,700	437,963	33,709,663	36,835,459	12,000	8,810	LUES	73%	27,043,366
SWP PS Modifications	2025	4,950,000	74,250	66,135	5,090,385	5,243,097	12,000	8,810	LUES	73%	3,849,307
Darden Hill Rd 16" WL	2034	8,000,000	120,000	106,886	8,226,886	11,056,246	5,200	1,800	LUES	35%	3,827,162
Fitzhugh Road 16" TM (CLPS to Crumley)	2027	-	-	-	-	-					-
Fitzhugh Road 16" TM (Crumley to RR12)	2027	80,697,400	1,210,461	1,078,173	82,986,034	92,455,538					\$ 54,386,732

<b>SH71 System</b>											
HPR TM No. 2 (West Bee Cave to HPR)	2027	1,760,000	26,400	23,515	1,809,915	1,977,743	1,963	963	LUES	49%	970,232
		\$ 1,760,000	\$ 26,400	\$ 23,515	\$ 1,809,915	\$ 1,977,743					\$ 970,232
Total New Proposed		\$ 121,530,477	\$ 1,820,707	\$ 1,621,727	\$ 124,972,911	\$ 138,321,823					\$ 95,833,644

(1) Future cost determined by applying 3% annual inflation to scheduled year.

(2) Total expansion planned expansion includes adding 13MGD at a total cost of \$70M, or \$6.15M per MGD. The 2018 study included an expansion of 7 MGD. Costs included on this sheet are for 6 MGD of the total expansion at \$6.15M per MGD. The remaining costs for the expansion are listed on Schedule 1, Future CIP - previously approved projects

West Travis County Public Utility Agency  
2024 Impact Fee Analysis - Water Utility



Schedule 3  
Existing Projects, Before Interest Expense

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Project	Debt Funded	Actual Project Cost	Debt Issuance Cost	Total Project Cost (MGD or LUES)	Capacity (MGD or LUES)	Current Capacity Used (MGD or LUES)	Capacity Used In 2024-2034 (MGD or LUES)	Capacity Used Beyond 2034 (MGD or LUES)	Percent Allocation Current	Percent Allocation 2034	Percent Allocation Beyond 2034	Costs Allocated to Current	Costs Allocated to 2024-2034 Growth	Costs Allocated Beyond 2027	Debt Funded Portion of Impact Fee Eligible Cost
<b>Systemwide</b>															
System Hydraulic Modeling (2022)	Yes	75,917	1,518	77,435											
Uplands WTP Chem Building*	Yes	2,141,458	42,829	2,184,288	20.00	19.50	0.50	-	10.0%	2.5%	0.0%	2,129,680	54,607	-	69,692
Uplands Ph 1 (2012)	Yes	299,650	5,993	305,643	20.00	19.50	0.50	-	97.5%	2.5%	0.0%	298,002	7,641	-	54,607
Uplands WTP Plant*	Yes	40,249,533	804,991	41,054,524	20.00	19.50	0.50	-	97.5%	2.5%	0.0%	40,028,161	1,026,363	-	1,026,363
Uplands Raw Water Intake Expansion*	Yes	416,305	8,326	424,631	20.00	19.50	0.50	-	97.5%	2.5%	0.0%	414,015	10,616	-	10,616
High Service Pump Station 8MGD to 14 MGD*	Yes	4,034,066	80,681	4,114,747	20.00	19.50	0.50	-	97.5%	2.5%	0.0%	4,011,879	102,869	-	102,869
Uplands Clearwell #2*	Yes	997,229	19,945	1,017,174	20.00	19.50	0.50	-	97.5%	2.5%	0.0%	991,744	25,429	-	25,429
Groundwater Feasibility Study	Yes	40,000	800	40,800					84.0%	16.0%	0.0%	34,272	6,528	-	6,528
Raw Water Line & Uplands WTP Expansion PER	Yes	173,726	3,475	177,201					28.0%	72.0%	0.0%	49,616	127,584	-	127,584
Raw Water Line & WTP Expansion (Phase 1)	Yes	1,592,603	31,852	1,624,455	3.00	0.40	2.60	-	13.3%	86.7%	0.0%	216,594	1,407,861	-	1,407,861
Raw Water Transmission Main No. 2	Yes	6,182,157	123,643	6,305,800	16.50	1.40	15.10	-	8.5%	91.5%	0.0%	535,038	5,770,763	-	5,770,763
Raw Water Transmission Main No. 2 Chlorine Injection Improvements	Yes	161,083	3,222	164,305	16.50	1.40	15.10	-	8.5%	91.5%	0.0%	13,941	150,364	-	150,364
		\$ 56,368,727	\$ 1,127,275	\$ 57,496,002								\$ 48,730,685	\$ 8,760,317	\$ -	\$ 8,760,317
<b>5172 System</b>															
HRR GST2	Yes	1,669,785	33,396	1,703,181	5,000	200	2,000	2,800	4.0%	40.0%	56.0%	68,127	681,272	953,781	681,272
WEST BEE CAVE PS UPGRADE (PHASE III)	Yes	178,073	3,561	181,634	2,500	200	2,000	300	8.0%	80.0%	12.0%	14,531	145,308	21,796	145,308
Lazy 9 SW 71 Transmission Main*	Yes	3,090,461	61,809	3,152,270	20.00	19.50	0.50	-	97.5%	2.5%	0.0%	3,073,463	78,807	-	78,807
71 System Modeling	Yes	49,578	992	50,570					84.0%	16.0%	0.0%	42,478	8,091	-	8,091
5H71 EST (1.0 Mgal)	Yes	2,169,142	43,383	2,212,525	3,000	1,350	1,650	-	45.0%	55.0%	0.0%	995,636	1,216,889	-	1,216,889
Misc Improvements for 1280 Pressure Plane	Yes	177,037	3,541	180,578	3,000	1,350	1,650	-	45.0%	55.0%	0.0%	81,260	99,318	-	99,318
WEST BEE CAVE PS UPGRADE (PHASE I)	Yes	67,711	1,354	69,065	750	650	100	-	86.7%	13.3%	0.0%	59,857	9,209	-	9,209
West Bee Cave PS Upgrade Phase II (GST no 2)	Yes	1,448,644	28,973	1,477,617	5,000	50	4,950	-	1.0%	99.0%	0.0%	14,776	1,462,841	-	1,462,841
Transmission Main from Uplands Plant to Bee Cave Pump Station*	Yes	1,556,779	31,136	1,587,915	20	19.50	0.50	-	97.5%	2.5%	0.0%	1,548,217	39,698	-	39,698
Crystal Mountain EST*	Yes	1,917,518	38,350	1,955,868	20	19.50	0.50	-	97.5%	2.5%	0.0%	1,906,972	48,897	-	48,897
Senna Hills Bypass Line*	Yes	559,677	11,194	570,871	20	19.50	0.50	-	97.5%	2.5%	0.0%	556,599	14,272	-	14,272
Hanilton Pool Road 1280 Pump Station Water Line*	Yes	330,552	6,611	337,163	20	19.50	0.50	-	97.5%	2.5%	0.0%	328,734	8,429	-	8,429
Hanilton Pool Road Water Line*	Yes	6,624,510	132,490	6,757,000	20	19.50	0.50	-	97.5%	2.5%	0.0%	6,588,075	168,925	-	168,925
Home Depot Pump Station*	Yes	392,792	7,856	400,648	20	19.50	0.50	-	97.5%	2.5%	0.0%	390,632	10,016	-	10,016
Home Depot Pump Station Expansion & Conversion	Yes	31,838	637	32,475	20	19.50	0.50	-	97.5%	2.5%	0.0%	31,653	812	-	812
Home Depot Ground Storage Tank*	Yes	147,043	2,941	149,984	20	19.50	0.50	-	97.5%	2.5%	0.0%	146,234	3,750	-	3,750
Bee Cave Ground Storage Tank Pump Station, Piping (off Chemaral)*	Yes	699,851	13,997	713,848	20	19.50	0.50	-	97.5%	2.5%	0.0%	696,002	17,846	-	17,846
Bee Cave Water Line to Chemaral*	Yes	990,492	19,810	1,010,302	20	19.50	0.50	-	97.5%	2.5%	0.0%	985,044	25,258	-	25,258
HRR Conversion and Upgrade to 1500 gpm	Yes	530	11	541	375	20	355	-	5.3%	94.7%	0.0%	512	512	-	512
		\$ 22,102,013	\$ 442,040	\$ 22,544,053								\$ 17,528,329	\$ 4,040,147	\$ 975,577	\$ 4,040,147
<b>US290 System</b>															
1240 EST	Yes	4,491,000	89,820	4,580,820	2,250	662	1,100	488	29.4%	48.9%	21.7%	1,347,779	2,239,512	993,529	2,239,512
1420 Pump Station Upgrade	Yes	649,509	12,990	662,499	3,000	150	1,100	1,750	5.0%	36.7%	58.3%	33,125	242,916	386,458	242,916
1340 TM (Lawyer Ranch Road Ext)	Yes	1,515,839	30,317	1,546,156	4,500	2,000	2,500	-	44.4%	55.6%	0.0%	687,180	858,975	-	858,975



West Travis County Public Utility Agency  
2024 Impact Fee Analysis - Water Utility



Schedule 3  
Existing Projects, Before Interest Expense

DRAFT

Project	Debt Funded	Actual Project Cost	Debt Issuance Cost	Total Project Cost (MGD or LUES)	Capacity (MGD or LUES)	Current Capacity Used (MGD or LUES)	Capacity Used In 2024-2034 (MGD or LUES)	Capacity Used Beyond 2034 (MGD or LUES)	Percent Allocation Current	Percent Allocation 2034	Percent Allocation Beyond 2034	Costs Allocated to Current	Costs Allocated to 2024-2034 Growth	Costs Allocated Beyond 2027	Debt Funded Portion of Impact Fee Eligible Cost
1340 Pump Station	Yes	1,663,638	37,273	1,900,911	2,250	2,000	250	-	88.9%	11.1%	0.0%	1,689,698	211,212	-	211,212
SWPS Upgrade GS12 Phase 2	Yes	1,746,824	34,936	1,781,760	9,500	500	9,000	-	5.3%	94.7%	0.0%	93,777	1,687,984	-	1,687,984
Countyline Pump Station Upgrade	Yes	1,684,429	33,689	1,718,118	20	19.50	0.50	-	97.5%	2.5%	0.0%	1,675,165	42,953	-	42,953
290 Pipeline															
a) 24" SWPS to County Line*	Yes	12,841,593	256,832	13,098,425	20	19.50	0.50	-	97.5%	2.5%	0.0%	12,770,964	327,461	-	327,461
b) 20" Countyline to 1420 HGL EST*	Yes	3,411,212	68,224	3,479,436	20	19.50	0.50	-	97.5%	2.5%	0.0%	3,392,450	86,986	-	86,986
SH71 20" Transmission Main	Yes	3,630,945	72,619	3,703,564	20	19.50	0.50	-	97.5%	2.5%	0.0%	3,610,975	92,589	-	92,589
20" Main Uplands to SW Parkway (Easements)*	Yes	506,714	10,134	516,848	20	19.50	0.50	-	97.5%	2.5%	0.0%	503,927	12,921	-	12,921
1420 Elevated Storage*	Yes	2,197,353	43,947	2,241,300	20	19.50	0.50	-	97.5%	2.5%	0.0%	2,185,268	56,033	-	56,033
Sawyer Ranch Road Ph. 1 20"*	Yes	1,183,948	23,679	1,207,627	20	19.50	0.50	-	97.5%	2.5%	0.0%	1,177,436	30,191	-	30,191
Sawyer RR Ph. 1 (Barden Hill)*	Yes	1,293,619	25,872	1,319,491	20	19.50	0.50	-	97.5%	2.5%	0.0%	1,286,504	32,987	-	32,987
SWPS Upgrade to 5,900 GPM*	Yes	243,213	4,864	248,077	20	19.50	0.50	-	97.5%	2.5%	0.0%	241,975	6,202	-	6,202
SWPS Upgrade Phase 1 GS1	Yes	1,960,902	39,218	2,000,120	20	19.50	0.50	-	97.5%	2.5%	0.0%	1,950,117	50,003	-	50,003
1826 Phase IV 16" Water Line*	Yes	1,006,560	20,131	1,026,691	20	19.50	0.50	-	97.5%	2.5%	0.0%	1,001,024	25,667	-	25,667
1826 Phase IV 16" Water Line*	Yes	48,480	970	49,450	20	19.50	0.50	-	84.0%	16.0%	0.0%	48,213	1,236	-	1,236
US290 System Modeling	Yes	79,955	1,599	81,554	3,000	1,000	2,000	-	33.3%	66.7%	0.0%	68,505	13,049	-	13,049
1340 EST	Yes	2,399,334	47,987	2,447,321	3,000	1,000	2,000	-	33.3%	66.7%	0.0%	815,774	1,631,547	-	1,631,547
1340 Transmission	Yes	2,711,399	54,228	2,765,627	3,000	1,000	2,000	-	33.3%	66.7%	0.0%	921,876	1,843,751	-	1,843,751
<b>Total</b>		<b>\$ 123,932,206</b>	<b>\$ 2,478,644</b>	<b>\$ 126,410,851</b>								<b>\$ 35,501,633</b>	<b>\$ 9,494,175</b>	<b>\$ 1,379,987</b>	<b>\$ 9,494,175</b>
															<b>\$ 22,294,639</b>
															<b>\$ 2,355,564</b>
															<b>\$ 126,410,851</b>

\*LCRA Constructed Projects

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West Travis County Public Utility Agency  
 2024 Impact Fee Analysis - Wastewater Utility

Schedule 4  
 Future CIP Projects, Before Interest Expense - Previously Approved Projects (2018 Study)

DRAFT

Project	Year Scheduled	Design/ Construction Costs (2024 Cost)	Legal/Permitting Costs (1.5%)	Issuance Costs (2% of Debt Funded Portion)	Subtotal (2024 Cost)	Future Cost (1)	Capacity Increase	Capacity Used in 2024-2034	Units	Percent Allocation to 2024- 2034 Growth	Cost Allocated to 2024-2034 Growth
Bohls WWTP Expansion	2027	15,000,000	225,000	173,509	15,398,509	\$ 16,826,367	1,000	0,320	MGD	32%	5,384,437
TLAP Disposal	2027	8,000,000	120,000	92,538	8,212,538	8,974,062	0.232	0,232	MGD	100%	8,974,062
Bohls Service Area Expansion Lift Station & Force Mai	2034	1,800,000	27,000	20,821	1,847,821	2,483,317	500,000	375,000	LUES	75%	1,862,488
		\$ 24,800,000	\$ 372,000	\$ -	\$ 25,458,869	\$ 28,283,746					\$ 16,220,988
<b>Total Previously Approved Future CIP</b>		<b>\$ 24,800,000</b>	<b>\$ 372,000</b>	<b>\$ -</b>	<b>\$ 25,458,869</b>	<b>\$ 28,283,746</b>					<b>\$ 16,220,988</b>

(1) Assumed 3% annual inflation to scheduled year.

West Travis County Public Utility Agency  
 2024 Impact Fee Analysis - Wastewater Utility

Schedule 5  
 Future CIP Projects, Before Interest Expense - Newly Identified Projects



DRAFT

Project	Year Scheduled	Design/ Construction Costs (2024 Cost)	Legal/Permitting Costs (1.5%)	Newly Proposed Projects		Future Cost (1)	Capacity Increase In 2024-2034	Capacity Used In 2024-2034	Units	Percent Allocation to 2024- 2034 Growth	Cost Allocated to 2024-2034 Growth
				Issuance Costs (2%)	Subtotal (2024 Cost)						
2024 Impact Fee Study	2024	35,500	-	-	-	35,500				100%	35,500
BWR & Effluent Disposal Injection Well	2034	-	-	-	-	-					-
BWR Phase 1 Supply/Reject RMs	2027	2,870,000	43,050	33,198	2,946,248	3,219,445	1800	900	LUES	50%	1,609,722
Lime/Kin Interceptor	2027	1,800,000	27,000	20,821	1,847,821	2,019,164	0.232	0.232	M/GD	100%	2,019,164
Effluent Line Extension	2027	4,705,500	70,050	54,019	4,829,569	5,274,109					3,664,386
Total New Proposed		\$ 4,705,500	\$ 70,050	\$ 54,019	\$ 4,829,569	\$ 5,274,109					\$ 3,664,386

(1) Future cost determined by applying 3% annual inflation to scheduled year.

West Travis County Public Utility Agency  
 2024 Impact Fee Analysis - Wastewater Utility



Schedule 6  
 Existing Projects, Before Interest Expense

DRAFT

Project	Debt Funded	Actual Project Cost	Debt Issuance Cost	Total Project Cost	Capacity (MGD or LUS)	Current Capacity Used (MGD or LUS)		Capacity Used Beyond 2034 (MGD or LUS)	Percent Allocation Current	Percent Allocation Beyond 2034		Costs Allocated to Current	Costs Allocated to 2024-2034 Growth	Costs Allocated Beyond 2027	Debt Funded Portion of Impact Fee Eligible Cost
						2024-2034	2024-2034			2034	2034				
Lakepointe WWTP	Yes	\$ 15,317,630	\$ 306,353	\$ 15,623,983	0.675	0.590	0.085	-	87%	13%	0%	\$ 13,656,518	\$ 1,967,464	\$ -	\$ 1,967,464
Bee Cave Regional System	Yes	8,499,620	169,992	8,669,612	1,000	0.800	0.200	-	80%	20%	0%	6,935,600	1,733,922	-	1,733,922
Spillman Effluent Irrigation System	Yes	530,458	10,609	541,067	1,000	0.800	0.200	-	80%	20%	0%	432,854	108,213	-	108,213
CONG Lift Station	Yes	141,970	2,839	144,809	1,000	0.800	0.200	-	80%	20%	0%	115,948	28,962	-	28,962
RM 620 WW Line	Yes	1,262,030	25,241	1,287,271	1,000	0.800	0.200	-	80%	20%	0%	1,029,816	257,454	-	257,454
SF71 WW Line	Yes	998,809	19,976	1,018,785	1,000	0.800	0.200	-	80%	20%	0%	815,028	203,757	-	203,757
Bohls Effluent Pond and Lift Station	Yes	3,784,993	75,700	3,860,693	0.325	0.290	0.035	-	89%	11%	0%	3,444,926	415,767	-	415,767
Bohls WWTP	Yes	5,602,394	112,048	5,714,442	0.325	0.290	0.035	-	89%	11%	0%	5,099,040	615,401	-	615,401
Bohls Regional Lift Station/FM	Yes	2,100,864	42,017	2,142,881	0.325	0.290	0.035	-	89%	11%	0%	1,912,109	230,772	-	230,772
Little Barton Creek Interceptor	Yes	2,851,077	57,022	2,908,099	0.267	0.238	0.029	-	14%	86%	0%	413,887	2,494,212	-	2,494,212
Master Planning & Permitting	Yes	310,867	6,217	317,084	-	0.038	0.229	-	8%	92%	0%	25,367	291,718	-	291,718
		\$ 41,400,712	\$ 828,014	\$ 42,228,726								\$ 33,881,083	\$ 8,347,643	\$ -	\$ 8,347,643
<b>Total</b>		<b>\$ 41,400,712</b>	<b>\$ 828,014</b>	<b>\$ 42,228,726</b>								<b>\$ 33,881,083</b>	<b>\$ 8,347,643</b>	<b>\$ -</b>	<b>\$ 8,347,643</b>

\*LCRA Constructed Projects

TRUE

# ITEM C

November 13, 2024

Mr. Scott Roberts  
President, Board of Directors  
West Travis County Public Utility Agency  
13215 Bee Cave Road, Building 3, Suite 120  
Bee Cave, Texas 78738

Subject: Recommendations of the West Travis County Public Utility Agency (WTCPUA) Impact Fee Advisory Committee (IFAC) regarding potential amendments to the Water and Wastewater Land Use Assumptions, Capital Improvement Plan, and Impact Fees.

Dear President Roberts:

On November 5, 2024, the IFAC met to evaluate and consider the proposed update to the WTCPUA's Land Use Assumptions, Capital Improvements and Impact Fee Study. Committee members present at the meeting were Tina Keats (Chair, representing retail rate payers), Don Bosse (developer) and Jack Creveling (developer). PUA Staff and consultants attending were: Jennifer Riechers, Agency General Manager; Jennifer Smith, Controller; Keli Kirkley, Accounting Supervisor; Nelisa Heddin, Rate Consultant; and George Murfee, District Engineer, Murfee Engineering Company.

Nelisa Heddin presented the 2024 Impact Fee Study draft summary and presentation of the recommended 2024 Impact Fees for water and wastewater as follows:

Maximum Allowable (100%) Impact Fees per LUE

	Max Allowable Amount
Hwy 71 Water Impact Fee	\$ 18,068.70
US 290 Water Impact Fee	\$ 28,580.57
Wastewater Impact Fee	\$ 27,596.88

The Committee members asked for additional information related to the impact of growth and the historical operations and maintenance costs compared to inflation. A second committee meeting was held on November 13<sup>th</sup>.

After much review and discussion, the IFAC makes the following recommendation:

1. Approve the 2024 recommended Impact Fees at **70% of the Maximum Allowable** Impact Fee amount:

<b>Hwy 71</b>	<b>\$12,648.00</b>
<b>Hwy 290</b>	<b>\$20,006.00</b>
<b>Wastewater</b>	<b>\$19,318.00</b>

The decision to recommend the 70% rate was not a unanimous vote. Chet Palesko dissented because he felt the rate was too low and put too much burden on existing customers.

Thank you for your consideration.

Sincerely,

Kristina Keats  
Chair

DRAFT

# ITEM D





**WHEREAS**, on August 19, 2021, the Board of the WTCPUA amended its water and wastewater impact fees for the WTCPUA's water and wastewater impact fee service areas, in accordance with Chapter 395 of the Texas Government Code;

**WHEREAS**, the Board of the WTCPUA desires to review and potentially amend its land use assumptions, capital improvements plan, and impact fees for such impact fee service areas, in accordance with Chapter 395 of the Texas Local Government Code; and

**WHEREAS**, accordingly, the Board of the WTCPUA desires to adopt an order setting public hearings to discuss the potential amendments to the proposed land use assumptions, capital improvements plan, and impact fees for such impact fee service areas, as required by Chapter 395 of the Texas Local Government Code.

**NOW THEREFORE**, it is ordered by the Board of Directors of West Travis County Public Utility Agency that:

**Section 1:** The above recitals are true and correct and are incorporated into this Order for all purposes.

**Section 2:** The WTCPUA shall hold a public hearing, beginning at 1:15 p.m., on December 18, 2024, at the City of Bee Cave City Hall, 4000 Galleria Parkway, Bee Cave, Texas 78738, to review and discuss potential updates to the WTCPUA's proposed land use assumptions, capital improvements plan, and impact fees for water service in the WTCPUA's impact fee service area, and determine whether to amend such assumptions, plan, and impact fees. Notice of such hearing shall be provided in accordance with Chapter 395 of the Texas Local Government Code.

**Section 3:** The WTCPUA shall hold a public hearing, beginning at 1:30 p.m., on December 18, 2024, at the City of Bee Cave, City Hall, 4000 Galleria Parkway, Bee Cave, Texas 78738, to review and discuss potential updates to the WTCPUA's proposed land use assumptions, capital improvements plan, and impact fees for wastewater service in the WTCPUA's impact fee service area, and determine whether to amend such assumptions, plan, and impact fees. Notice of such hearing shall be provided in accordance with Chapter 395 of the Texas Local Government Code.

**Section 4:** The WTCPUA's General Manager, Engineer, and General Counsel are authorized to take all actions necessary to carry out the purposes of this Order and otherwise comply with applicable Texas laws and regulations.

**PASSED AND APPROVED** this 18th day of November, 2024.

---

Scott Roberts, President  
Board of Directors

ATTEST:

---

Walt Smith, Secretary  
Board of Directors

**NOTICE OF PUBLIC HEARING ON AMENDMENTS TO THE WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY'S WATER AND WASTEWATER LAND USE ASSUMPTIONS, CAPITAL IMPROVEMENTS PLANS, AND IMPACT FEES**

Notice is hereby given pursuant to Texas Local Government Code, Chapter 395, that the Board of Directors of West Travis County Public Utility Agency will hold a public hearing at its regular meeting, open to the public, on December 18, 2024 at 1:00 p.m., at the Bee Cave City Hall, 4000 Galleria Parkway, Bee Cave, Texas 78738. At 1:15 p.m., the first public hearing will be held, where the purpose of the public hearing is to consider the amendment of land use assumptions and a capital improvements plan, and the imposition of the water impact fee; and at 1:30 p.m., the second public hearing will be held, where the purpose of the hearing is to consider the amendment of land use assumptions and a capital improvements plan and imposition of the wastewater impact fee. Any member of the public has the right to appear at the hearing and present evidence for or against the updates. A copy of the proposed land use assumptions and the capital improvements plan, including the amount of any proposed impact fee per service unit, is available for public viewing on the WTCPUA's website at [www.wtcpua.org](http://www.wtcpua.org).

---

Jennifer Riechers  
General Manager

# ITEM E



1. Dripping Springs Water Supply Corporation;
2. Senna Hills Municipal Utility District No. 1;
3. Crystal Mountain Homeowners Association, Inc.;
4. Barton Creek West Water Supply Corporation;
5. Travis County Municipal Utility District No. 18;
6. Hays County Water Control and Improvement District No. 1;
7. Hays County Water Control and Improvement District No. 2;
8. Lazy Nine Municipal Utility District No. 1A and 1B;
9. Deer Creek Ranch Water Company;
10. Eanes ISD;
11. Reunion Ranch Water Control and Improvement District;
12. Headwaters Municipal Utility District of Hays County;
13. Travis County Municipal Utility District No. 12;
14. Travis County Water Control and Improvement District No. 17; and
15. City of Dripping Springs;

**WHEREAS**, the WTCPUA's fiscal year ends September 30 of each calendar year; and

**WHEREAS**, the Board of Directors of the WTCPUA desires to amend its wholesale water and wastewater rates for the following wholesale customers based on their amortization schedule, to be effective January 1, 2025.

**NOW THEREFORE**, it is ordered by the Board of Directors of West Travis County Public Utility Agency that:

**Section 1:** The above recitals are true and correct and are incorporated into this Order for all purposes.

**Section 2:** The Board of Directors of the WTCPUA hereby approves, adopts, and orders that the wholesale water rate for Headwaters Municipal Utility District of Hays County shall include a monthly minimum charge of \$26,240.95 and a volumetric rate of \$1.60 per 1,000 gallons, effective January 1, 2025.

**Section 3:** The Board of Directors of the WTCPUA hereby approves, adopts, and orders that the wholesale water rate for the City of Dripping Springs shall be as follows:

Eastern Service Area and Discovery Golf Course: monthly minimum charge of \$5,800.02 and a volumetric rate of \$2.04 per 1,000 gallons, effective January 1, 2025;

Driftwood Creek Tract, Residential - Creek Tract Driftwood Austin LLC: monthly minimum charge of \$3,326.12 and a volumetric rate of \$2.04 per 1,000 gallons, effective January 1, 2025;

Driftwood Creek Tract, Commercial Area, and Driftwood Investments, Inc.: monthly minimum charge of \$287.63 and a volumetric rate of \$2.04 per 1,000 gallons, effective January 1, 2025;

Dripping Springs Discovery Commercial: monthly minimum charge of \$2,762.30 and a volumetric rate of \$2.04 per 1,000 gallons effective January 1, 2025;

Dripping Springs Anarene: monthly minimum charge of \$6,512.83 and a volumetric rate of \$2.04 per 1,000 gallons, effective January 1, 2025;

Dripping Springs Cannon Ranch: monthly minimum charge of \$11,597.11 and a volumetric rate of \$1.57 per 1,000 gallons, effective January 1, 2025;

Dripping Springs Cannon East: monthly minimum charge of \$7,648.69 and a volumetric rate of \$2.04 per 1,000 gallons, effective January 1, 2025;

Dripping Springs Wild Ridge: monthly minimum charge of \$4,692.09 and a volumetric rate of \$2.04 per 1,000 gallons, effective January 1, 2025.

**Section 4:** The Agency's General Manager, Engineer, and General Counsel are authorized to take all actions necessary to carry out the purposes of this Order, including, but not limited to, providing notice of the proposed increases to WTCPUA customers and amending the Tariff.

[remainder of page intentionally left blank]



**PASSED AND APPROVED** this 18th day of November, 2024

---

Scott Roberts, President  
Board of Directors

ATTEST:

---

Walt Smith, Secretary  
Board of Directors

# **ITEM F**



**Section 4:** The Plan, as modified by this Order, shall be effective on the date of this Order.

**PASSED AND APPROVED** this 18th day of November 2024.

---

Scott Roberts, President  
Board of Directors

ATTEST:

---

Walt Smith, Secretary  
Board of Directors

**EXHIBIT A**

---

WATER CONSERVATION & DROUGHT CONTINGENCY PLAN

for the

WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY

---

July 2013  
Amended October 2014  
Amended April 2019  
Amended August 2019  
Amended September 2022  
Amended April 2024

[Amended November 2024](#)

Prepared by:  
West Travis County Public Utility Agency  
and  
Malone/Wheeler, Inc.  
Texas Registered Engineering Company No. F-786  
5113 Southwest Parkway, Suite 260  
Austin, Texas 78735

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## **1.0 INTRODUCTION**

The West Travis County Public Utility Agency (WTCPUA) has developed this Water Conservation and Drought Contingency Plan (Plan) for its treated water utility systems to manage public water resources efficiently and to plan appropriate responses to emergency and drought conditions. This Plan fulfills requirements of the Texas Administrative Code (TAC), Title 30, §§288.2, 288.20 and 288.22, regarding water conservation and drought contingency planning for municipal water suppliers. Appendix A provides details on how the Water Conservation and Drought Contingency Plan adheres to the TAC requirements for water conservation and drought contingency plans. The Plan recognizes that conservation is a valuable tool in managing water and wastewater utility systems. Water conservation can extend available water supplies; reduce the risk of shortage during periods of extreme drought; reduce water and wastewater utility operating costs; improve the reliability and quality of water utility service; reduce customer costs for water service; reduce wastewater flows; improve the performance of wastewater treatment systems; enhance water quality and protect the environment.

### **1.1 Authorization and Implementation**

The WTCPUA Board of Directors is authorized and directed to implement the applicable provisions of this Plan. The WTCPUA Board of Directors has the authority to initiate and terminate drought or other water supply emergency response measures as described in this Plan.

Further, the WTCPUA Board of Directors designates the General Manager to act as administrator of this Plan. The administrator will oversee the implementation of the program and will be responsible for ensuring that staff keeps adequate records for program verification. LCRA water conservation staff will assist with implementation of programs and projects described in this Plan.

### **1.2 Public Involvement**

This Plan is based on the *2014 Raw Water Conservation Plan*, the *2019 Drought Contingency Plan for Firm Water Customers*, the *2013 Drought Contingency Plan Rules for Water Sale Contracts*, and the *2015 Water Conservation Plan Rules for Water Sale Contracts*. All customers in the service area of the utilities were provided an opportunity for input through the LCRA and WTCPUA adoption processes. Any future revisions to this Water Conservation and Drought Contingency Plan will be made through a process that includes the opportunity for public participation.

### **1.3 Application**

This Plan applies to treated (potable) water utility systems, both wholesale and retail, owned and operated by WTCPUA.



#### 1.4 Coordination with Regional Water Planning Groups

The service area of the WTCPUA is located within the Lower Colorado Regional Water Planning Area and WTCPUA will provide a copy of this Plan to LCRA, the Lower Colorado Regional Water Planning Group (Region K) and applicable governmental entities.

#### 2.0 DEFINITIONS

For the purposes of this Plan, the following definitions shall apply:

**Aesthetic water use:** water use for ornamental or decorative features such as fountains, reflecting pools and water gardens.

**Agriculture water use:** water use for fruit and vegetable gardens.

**Conservation:** those practices, techniques, and technologies that reduce water consumption; reduce the loss or waste of water; improve the efficiency in water use; and increase the recycling and reuse of water so that supply is conserved and made available for future use.

**Customer:** any person, company, or organization using water supplied by WTCPUA.

**Domestic water use:** use of water by an individual or a household to support its domestic activity. Such use may include consumption, washing, or cooking; irrigation of lawns, family garden or orchard; consumption by animals; and recreation including fishing, swimming, and boating. If the water is diverted, it must be diverted solely through the efforts of the user. Domestic use does not include water used to support activities for which consideration is given or received or for which the product of the activity is sold.

**Industrial water use:** water used in commercial processes, including commercial fish and shellfish production and the development of power by means other than hydroelectric. This does not include agricultural use.

**Landscape irrigation use:** water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns, gardens, golf courses, parks, and rights-of-way and medians.

**Livestock water use:** water used for the open-range watering of livestock, exotic livestock, game animals or fur-bearing animals. For purposes of this definition, the terms "livestock" and "exotic livestock" are to be used as defined in § 142.001 of the Agriculture Code, and the terms "game animals" and "furbearing animals" are to be used as defined in §63.001 and §71.001, respectively, of the Parks and Wildlife Code.

**“New landscape” means:**

- a. Installed during construction of a new house, multi-family building, or commercial building;
- b. Installed as part of a governmental entity’s capital improvement project; or
- c. Alters more than one-half of the area of an existing landscape.

**Non-essential water use:** water uses that are not essential or are not required for the protection of public health, safety and welfare, such as:

- a. Irrigating landscape areas, including parks, athletic fields, and golf courses, except for as otherwise provided under this Plan;
- b. Washing any motor vehicle, motorbike, boat trailer, airplane, or other vehicle;
- c. Washing any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
- d. Washing buildings or structures for purposes other than immediate fire protection;
- e. Flushing gutters or permitting water to run or accumulate in any gutter or street;
- f. Filling, refilling, or adding to any indoor or outdoor swimming pools or Jacuzzi-type pools;
- g. Filling a fountain or pond for aesthetic or scenic purposes except when necessary to support aquatic life; and
- h. Failure to repair a controllable leak within a reasonable period after having been directed to do so by formal notice.

**Commented [S1]:** I would differentiate between parks and athletic fields and golf courses. I suggest you include a definition for ornamental landscaping as stated in LCRA’s updated DCP.

Use of water for agriculture or livestock is not included in the definition of “non-essential water use.”

**Ornamental Landscaping:** Irrigated turf grass and other landscaping that is not regularly used for active and programmed recreational purposes such as sports fields, golf course areas used directly for sport (greens, tees, fairways, and practice areas), areas used for food production, maintaining cemeteries, maintaining the integrity of foundations, and preserving trees.

**Retail Water Customer:** an individual or entity that purchases water from an LCRA water utility for its consumption.

**Wholesale Treated Water Customer:** an individual or entity that purchases raw water from LCRA to sell to the public for consumption.

### 3.0 WATER CONSERVATION PLAN

#### 3.1 Service Area Characteristics and Goals

The WTCPUA Water System provides water to about 9,000 commercial and residential customer accounts which represents an equivalent population of approximately 31,500. In addition, the WTCPUA Water System also provides water service for seventeen wholesale water customers with an estimated equivalent population approximately 45,400 for a total population served of approximately 76,900.

The WTCPUA Water System serves mostly single-family residential homes, although the number of multi-family, mixed-use, and commercial customers has grown significantly in the past five years. The service area generally consists of residential and commercial development west of the City of Austin— in and around the City of Bee Cave, along Hamilton Pool Road, and along State Highway 290 from Austin to the City of Dripping Springs.

The two- year average for total gallons per capita per day water use (GPCD) was 120 which includes both wholesale and retail treated water customers. Of the 120 GPCD, approximately 13 GPCD was attributable to unbilled water in 2023 (*e.g.*, losses, waterline & hydrant flushing, *etc.*), or 11 percent of total water use.

The water demands in this region more than triple during the summer months due to water for outdoor irrigation purposes. With this in mind, the WTCPUA has focused its conservation and demand management measures on outdoor water use and will continue to expand this effort to meet the growing need for water in this system.

#### 3.2 Water Conservation Goals

In accordance with Title 30 TAC, Chapter 288 rules, water conservation plans must have specific, quantified goals for municipal use in gallons per capita per day (GPCD). Water conservation goals for WTCPUA were established in 2014 using baseline data available at that time.

Conservation goals for the WTCPUA have been set for three metrics:

1. Total unit water use reduction (GPCD)
2. Peak day demand reduction (peak day/average day)
3. System-wide water loss reduction.

The five-year total unit water use reduction goal is five percent (5%), or a unit usage of 114 GPCD. The 10-year goal for total unit water use reduction is an additional five percent (5%), or a total unit usage of 108 GPCD.

The five-year, peak day demand reduction goal is ten percent (10%) or a peak day/average day ratio of 1.84. The ten-year goal for peak day demand reduction is an additional five percent, or a peak day annual average ratio of 1.75.

The water loss reduction goal is five percent (5%), or a total water loss 10.5% compared to a total water loss of 11% in 2023 as a percentage of total water produced at the water treatment plant (WTP).

### **3.3 Water Conservation Strategies**

The water conservation strategies to meet these goals include measures to decrease outdoor water use, which will decrease overall water use and peak day demands, and strategies to reduce system-wide water loss. Additional strategies include expanded public education and outreach efforts.

#### **3.3.1 Watering Schedule**

In October 2014, the WTCPUA Board approved a plan to adopt a year-round, mandatory twice-weekly watering schedule for the West Travis County Regional Water System, to conserve water, and lower daily peak demand at the water treatment plant.

This schedule assumes an application rate of one inch of water per week in two half-inch applications. According to research, one inch of water per week is sufficient to sustain most residential lawns and landscapes. However, multiple applications on yards of shallow soil depth allow for less runoff and improved soil retention.

#### **3.3.2 Increasing Block Water Rates**

The West Travis County Regional Water System has a multi-tiered, increasing block water rate that reflects the cost drivers for the water systems and sends a water conservation price signal to customers.

Copies of the complete rates schedules for these systems are available on the WTCPUA web site.

#### **3.3.3 LCRA WaterSmart Rebates Program**

The WTCPUA promotes LCRA's WaterSmart Rebates program, which can help offset the cost of upgrading irrigation systems and maintaining landscapes and pools to help customers save water and money. LCRA provides rebates of 50 percent of the total cost, or up to \$600 per residential property, for irrigation evaluations, retrofitting or replacing irrigation system equipment, new pool filters and covers, aeration, compost, and mulch.

**3.3.4 Landscape Irrigation Standards**

In June 2008, the Texas Commission on Environmental Quality (TCEQ) adopted new water efficiency rules for the design, installation, and maintenance of landscape irrigation systems, effective January 1, 2009. Compliance with the rules is required of municipalities with populations of 20,000 or more and allows water districts to adopt and enforce them.

WTCPUA will evaluate adopting and enforcing supplemental standards for the design, installation, and maintenance of landscape irrigation systems in its retail utility service area.

**3.3.5 Conservation Landscape Best Management Practices**

WTCPUA reviews all applications for irrigation meters to ensure meters are sized correctly, landscape irrigation complies with WTCPUA's two-day-a-week watering restrictions, and best management practices (BMP) are followed.

**3.3.6 Water Loss**

WTCPUA has experienced rapid growth. In such systems, water loss typically occurs from construction flushing and theft. In addition, additional flushing is needed to maintain water quality in dead-end lines. WTCPUA evaluates the water losses for our systems and determines the best corrective actions to minimize those losses, which can include monthly audits and can include monthly audits or periodic inspections along distribution lines.

**3.4 Adoption of Plan**

Formal adoption of the Water Conservation Plan will be by a resolution from the West Travis County Public Utility Agency Board of Directors.

## 4.0 ADDITIONAL WATER CONSERVATION STRATEGIES

### 4.1 Water Monitoring and Records Management

WTCPUA maintains records of water distribution and sales through a central customer consumption tracking and billing system. The billing system provides a way to compile, present, and view water-use and billing information.

### 4.2 Water Metering

WTCPUA Water Contract Rules impose requirements on wholesale customers, which require all water meters to be accurate within plus or minus 5 percent of the indicated flow over the possible flow range. The meters are read on a monthly basis, and must be calibrated annually.

WTCPUA follows metering, leak detection, and repair requirements as stated in the LCRA *Water Conservation Plan Rules*. Water is metered in and out of the WTCPUA water treatment plant.

The water use of all retail customers is also metered. A regularly scheduled maintenance program of meter repair and replacement is performed in accordance with the manufacturer's recommendations. In 2019 the WTCPUA completed replacement of all aging retail customer meters with smart meters—approximately 3,000 meters in total. Zero consumption accounts are checked to see if water is actually being used or not recorded.

### 4.3 Wholesale Water Conservation Plans

Each wholesale treated water customers must develop a drought contingency and a water conservation plan in accordance with LCRA *Water Contract Rules*. The plans must include a governing board resolution, ordinance, or other official document noting that the plan has been formally adopted by the utility. Wholesale treated water customers must include in their wholesale water supply contracts the requirement that each successive wholesale customer develop and implement a water conservation and drought contingency plan.

WTCPUA provides technical assistance with the development and review of wholesale treated water customers' water conservation plans and programs. LCRA assists with the development of rules and regulations that encourage water conservation, such as adding water conservation components into landscape ordinances. Conservation education materials are available to wholesale customers for either no charge, or at a reduced rate.

WTCPUA also requires drought contingency plans, which meet or exceed LCRA rules for drought contingency plans, for each of its wholesale treated water customers.

#### **4.4 Education and Outreach**

##### ***4.4.1 Water Conservation Public Awareness Program***

WTCPUA posts its Water Conservation and Drought Contingency Plan, Water Conservation Tips and the LCRA WaterSmart Rebates program on its web site to promote and ensure customer awareness of water conservation. WTCPUA also promotes water conservation through direct customer communications through Constant Contact, billing insert notifications, and website alerts for changes in Drought Contingency Plan Stages.

##### ***4.4.3 WaterSmart Landscaping for Central Texas***

WTCPUA promotes the LCRA WaterSmart landscape guidelines to help homeowners and homebuilders create well-designed, water-efficient landscapes.

##### ***4.4.4 Highland Lakes Firm Water Customer Cooperative (HLFWCC).***

WTCPUA is a member of HLFWCC which is comprised of municipal utilities that have firm water wholesale contracts with LCRA. HLFWCC meets quarterly to discuss water utility management, conservation best management practices, and LCRA water plans. Feedback is provided through periodic meetings with LCRA.

##### ***4.4.5 Support and Participation in Other Organizations***

WTCPUA supports and participates in organizations that promote water conservation, including the Texas Water Conservation Association, and the Hill Country Alliance.

### 5.0 DROUGHT CONTINGENCY PLAN

#### 5.1 Permanent Water Use Restrictions

The following restrictions apply to all WTCPUA water utility systems on a year-round basis, regardless of water supply or water treatment plant production conditions.

According to the restrictions, a water user must not:

- (1) Fail to repair a controllable leak, including:
  - a. a broken sprinkler head,
  - b. a leaking valve,
  - c. leaking or broken pipes, or
  - d. a leaking faucet.
- (2) Operate an irrigation system:
  - a. with a broken head,
  - b. with a head that is out of adjustment and the arc of the spray head is over a street or parking area, or
  - c. with a head that is fogging or misting because of excessive water pressure.
  - d. between 10 a.m. and 7 p.m.
- (3) During irrigation, allow water:
  - a. to run off a property and form a stream of water in a street for a distance of 50 feet or greater, or
  - b. to pool in a street or parking lot to a depth greater than one-quarter of an inch.
- (4) Irrigate outdoors using an in-ground irrigation system or hose-end sprinkler more than twice per week or outside of scheduled days and times as indicated below:

#### Residential

Addresses ending in ~~in~~  
 0,1,2,3:    Monday and Thursday  
~~Addresses ending in~~ 4,5,6:    Tuesday and Friday  
~~Addresses ending in~~ 7,8,9:    Wednesday and Saturday

**Commercial** (including large landscapes such as HOA common areas)  
 Tuesday- and Friday

Watering Hours:  
 Midnight to 10 a.m. and 7 p.m. to midnight

#### 5.2 Drought Response Stages – Retail Customers

The WTCPUA General Manager shall monitor water supply and demand conditions and shall determine when conditions warrant initiation and termination of each stage of the Drought Contingency Plan. Water supply conditions will be determined by the availability of the source of supply for individual service areas, system capacity, and



weather conditions. Demand will be measured by the peak daily demands on each system. Notification of the initiation or termination of drought response stages shall be

by a variety of methods, possibly including local media, direct mail to each customer, the WTCPUA web site, and signs posted at other public places.

Any or all of the measures described in this Plan may be implemented on an area basis that is appropriate to the triggering criteria.

All demand management measures under the four stages of this DCP are mandatory and subject to enforcement.

#### **5.2.1 Stage 1 – Mild Water Shortage**

**Requirements for initiation** — Affected customers shall be required to comply with the Stage 1 Drought Response Measures of this Plan when the following triggering criteria are met:

- a. When total daily water demand equals or exceeds
  - i. 80 percent of the total design capacity of the WTCPUA water treatment plant for three consecutive days; or
  - ii. 90 percent of the total design capacity of the WTCPUA water treatment plant for a single day;
- b. source water contamination results in compromised capacity of the treatment and delivery systems;
- c. mechanical or electrical failure of a system component results in compromised treatment and/or delivery capacity;
- d. the combined storage of lakes Travis and Buchanan drops below 1.1 million acre-feet; or
- e. the LCRA initiates Stage 1 of its DCP.

**Requirements for termination** — Stage 1 of the Plan may be rescinded when:

- a. When water treatment plant capacity condition listed above as a triggering event are predicted to cease for an extended period;
- b. the source water contamination event or mechanical or electrical failure of a system component is resolved;
- c. The combined storage of lakes Travis and Buchanan increases above 1.2 million acre-feet; or
- d. LCRA announces that curtailment of water supplies to firm water customers is no longer required under the drought contingency measures of the LCRA DCP.

#### **Supply Management Measures:**

The WTCPUA will:

- a. Apply water-use restrictions prescribed for Stage 1 of the Plan to WTCPUA facilities for which Stage 1 has been declared.

- b. Discontinue water main and line flushing unless necessary for public health reasons; and
- c. Keep customers informed about issues regarding current and projected water supply and demand conditions.

**Demand Management Measures:**

Water Supply Reduction Target: Achieve a 10% reduction in water use.

Under threat of penalty as described in Section 5.4, the following water-use restrictions shall apply to all retail water customers:

**Irrigation of Landscaped Areas:**

- a. Outdoor watering hours will be limited to between ~~7 p.m. to 10 p.m. and 6 a.m. to 10 a.m. midnight and 10 a.m. and between 7 p.m. and midnight~~ on designated days. This prohibition does not apply to irrigation of landscaped areas if it is by means of:
  - i. Hand-held hose; or
  - ii. Faucet-filled bucket or water can of five gallons or less
- c. New landscapes may be installed, and re-vegetation seeding performed under these specific criteria:
  - i. The mandatory twice weekly watering schedule is adhered to.
  - ii. If a deviation from the twice weekly schedule is required, that a completed variance form for new landscapes has been submitted to WTCPUA and has been approved prior to the installation of the landscape, or re-vegetation seed application; and
  - iii. Irrigation of the new landscape, or application follows the schedule identified in the new landscape variance:
    - 1. once a day for the first 10 days after installation;
    - 2. once every other day before 10 a.m. and after 7 p.m. for days 11 through 20 after installation
    - 3. once every third day before 10 a.m. and after 7 p.m. for day 21 through 30 after installation.
  - iv. Alternatives to re-vegetation may be available in times of low water supply. Specific information regarding such alternatives is available in the LCRA Highland Lakes Watershed Ordinance Technical Manual (sec. 3.2.8).

- v. Variances for new landscapes and re-vegetation will be issued for the shortest period necessary to reasonably assure the landscapes survival. A variance is not an exemption from compliance with the permanent water use restrictions under *Permanent Water Restrictions* of this plan other than schedule. Variances will not be granted for seasonal “color bed” or temporary grass installation (over seeding).

#### Vehicle Washing:

Use of water to wash any motor vehicle, such as a motorbike, boat, trailer, or airplane is prohibited except on designated watering days between the hours of midnight and 10 a.m. and between 7 p.m. and midnight. Such activity, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle. A vehicle may be washed any time at a commercial car wash facility or commercial service station. Further, this activity is exempt from these regulations if the health, safety, and welfare of the public are served by washing the vehicle, such as a truck used to collect garbage or used to transport food and perishables.

#### Events:

Events involving the use of water such as: car washes, festivals, parties, water slides, and other activities involving the use of water are permitted, if the water being used drains to a re-circulating device, or is used for a beneficial purpose such as watering landscaping to prevent water waste.

#### Restaurants:

All restaurants are encouraged to serve water to their patrons only upon request.

#### Recreational Areas (Includes Parks and Athletic Fields):

The areas can only be used for designated or scheduled events or activities. Unnecessary foot traffic must be discouraged. Watering must follow irrigation of landscaped areas schedule. A variance can be applied for if necessary.

#### Water Waste:

The following uses of water are prohibited at all times during periods in which restrictions have gone into effect unless a variance has been approved:

- a. Washing sidewalks, walkways, driveways, parking lots, street, tennis courts, and other impervious outdoor surfaces; except for immediate health and safety;
- b. Washing buildings, houses or structures with a pressure washer or garden hose is prohibited for aesthetic purposes but permitted for surface preparation of maintenance work to be performed;
- c. Controlling dust, unless there is a demonstrated need to do so for reasons of public health and safety, or as part of a construction plan approved by a governmental entity;
- d. Flushing gutters or allowing a substantial amount of water to run off a property and accumulate in a gutter, street, or parking lot to a depth greater than one-fourth of an inch.

Commented [IA2]: LCRA - Stage 2 reqs

### 5.2.2 Stage 2 – Moderate Water Shortage

**Requirements for initiation** – Customers shall be required to comply with Stage 2 Drought Response Measures of this Plan when moderate water shortage conditions exist. WTCPUA will recognize that a moderate water shortage condition exists when any of the following criteria is met:

- a. When total daily water demand equals or exceeds:
  - i. 85 percent of the total design capacity of the WTCPUA water treatment plant for three consecutive days;
  - ii. 95 percent of the total design capacity of the WTCPUA water treatment plant for a single day; or
  - iii. the total design capacity of the WTCPUA raw water transmission main for three consecutive days;
- b. source water contamination results in compromised capacity of the treatment and delivery systems;
- c. mechanical or electrical failure of a system component results in compromised treatment and/or delivery capacity;
- d. target reduction for the Stage 1 demand management measures is not achieved;
- e. the combined storage of lakes Travis and Buchanan drops below 900,000 acre-feet; or
- f. the LCRA initiates Stage 2 of its DCP.

**Requirements for termination** — Stage 2 of the Plan may be rescinded when:

- a. The WTCPUA water treatment plant capacity condition listed above as a

- triggering event is predicted to cease for an extended period;
- b. the source water contamination event or mechanical or electrical failure of a system component is resolved;
  - c. the combined storage of lakes Travis and Buchanan increases above 1.1 million acre-feet; or
  - d. LCRA announces that curtailment of water supplies to firm water customers is no longer required under drought contingency measures of the LCRA DCP.

Upon termination of Stage 2, Stage 1 becomes operative.

#### **Supply Management Measures:**

In addition to measures implemented in the preceding stages of the Plan, affected WTCPUA water utility systems will implement additional water control options to limit water to only critical use for protection of health and safety and maintenance of treatment quality.

#### **Demand Management Measures:**

Water Supply Reduction Target: Achieve a minimum 20% reduction in water use.

Under threat of penalty as described in Section 5.4, all retail customers are required to further reduce non-essential water uses as follows. All requirements of Stage 1 shall remain in effect during Stage 2, with the following modifications and additions:

Irrigation of Landscaped Areas:

Outdoor watering will be restricted to the following once-weekly schedule:-

##### Residential

Addresses ending:

1, 3      Monday

2, 4      Tuesday

5, 7      Wednesday

6, 8      Thursday

9, 0      Friday

Commercial (including large landscapes such as HOA common areas)

Saturday

Watering Hours:

Midnight to 10 a.m. and 7 p.m. to midnight. This prohibition does not apply to irrigation of landscaped areas if it is by means of:

**Commented [IA4]:** Copied from current stage 3 to meet LCRA's new Stage 2 once a week requirement

Addresses ending:

Monday	1-3
Tuesday	2-4
Wednesday	5-7
Thursday	6-8
Friday	9-0
Saturday	All commercial & HOAs

No irrigation with in ground irrigation systems is allowed from November through February.

Outdoor watering hours will be limited to between 7 p.m. to 10 p.m. and 6 a.m. to 10 a.m. on designated days, as shown above. This prohibition does not apply to irrigation of landscaped areas if it is by means of:

- i. Hand-held hose; or
- ii. Faucet-filled bucket or water can of five gallons or less.

New landscapes may only be installed if they do not require a variance to the mandatory watering schedule. No variances will be approved.

Vehicle Washing:

Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane, or other vehicle is prohibited. A vehicle can be washed at any time at a commercial car wash facility or commercial service station. Further, this activity is exempt from these regulations if the health, safety, and welfare of the public are served by washing the vehicle, such as a truck used to collect garbage or used to transport food and perishables.

Pools:

- a. Filling of all new and existing swimming pools, hot tubs, wading pools, is prohibited, unless application for variance is approved on a case by case basis. Replenishing to maintenance level is permitted. Draining is permitted only onto pervious surfaces or onto a surface where water will be transmitted directly to a pervious surface, and only if:
  - i. Draining excess water from pool due to rain in order to lower water to maintenance level;
  - ii. Repairing, maintaining or replacing pool components that have become hazardous; or
  - iii. Repair of a pool leak.
- b. Refilling of public/community swimming pools permitted only if pool has

**Commented [IA3]:** LCRA - "a variance may be requested for commercial landscapes and recreational areas (including public parks) where no part of the landscape is watered more than once per week"

**Commented [IA5]:** LCRA - "New irrigated landscapes may be installed, and revegetation seeding may be performed only pursuant to a variance granted by the LCRA General Manager or his or her designee for a period of no more than 30 days"

**Commented [IA6R5]:** Change stage 2

**Commented [IA7]:** LCRA - "s prohibited except on designated watering days between the hours of midnight and 10 a.m. and between 7 p.m. and midnight. Such activity, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shut-off nozzle."

**Commented [IA8]:** LCRA - "Draining and refilling of residential swimming pools, hot tubs and wading pools is allowed only onto pervious surfaces or onto a surface where water will be transmitted directly to a pervious surface, and only if: "

been drained for repairs, maintenance, or replacement as outlined in items above.

Outside Water Features:

Operation of outside water features, such as, but not limited to, fountains or outdoor misting systems, is prohibited, except where such features are designed and consistently maintained to sustain aquatic life or maintain water quality. WTCPUA may require proof of such design and consistent maintenance.

**Commented [IA9]:** LCRA - "1. Operation of an outside water feature is allowed only if the system recirculates through a closed-loop system. 2. Operation of outdoor misting systems at a commercial facility is allowed only between the hours of 4 p.m. and midnight. 3. Splash pad type fountains are allowed only if the recirculate the water "

Ponds:

Ponds used for aesthetic, amenity, and/or storm water purposes may maintain water levels only necessary to preserve the integrity of the liner and operating system. WTCPUA may require proof of specific design documentation regarding a pond and the intended purpose.

Events:

Events involving the use of water such as: car washes, festivals; parties; water slides; and other activities involving the use of water are prohibited.

**Commented [IA10]:** LCRA - "Events involving the use of water such as car washes, festivals, parties, water slides, and other activities involving the use of water are permitted, if the water being used drains to a recirculating device, or onto a pervious surface to prevent water waste."

Recreational areas (includes municipal parks and common areas):

Irrigation of recreational areas with potable water must follow the seven-hour weekly irrigation schedule, and watering of recreational areas should be prioritized by frequency of use. Unnecessary foot traffic should be discouraged. Watering using an auxiliary source such as recycled water is exempt from these restrictions.

Recreational Areas (Includes Parks and Athletic Fields):

**Commented [S11]:** I would differentiate parks and athletic fields. Athletic fields are more important to maintain in deeper stages of drought

Watering should follow a no more than once-per-week schedule per irrigated area unless the athletic fields are actively used for organized sports practice, competition or exhibition events when irrigation outside of the standard weekly schedule is necessary to protect the health and safety of the players, staff or officials present for the athletic event.

**Commented [IA12]:** LCRA - "a variance may be requested for commercial landscapes and recreational areas (including public parks) where no part of the landscape is watered more than once per week"

a. a) All ornamental landscape areas around facilities with athletic fields shall follow general landscape irrigation restrictions.

a.

b. b) A variance must be filed with the WTCPUA for watering outside of the once per week irrigation schedule. The areas can only be used for designated or scheduled events or activities. Unnecessary foot traffic must be discouraged. Watering is prohibited except with a hand-held hose.

"Watering should follow a no more than once-per-week schedule per irrigated area unless the athletic fields are used for organized sports practice, competition, or exhibition events when irrigation outside of the standard weekly schedule is necessary to protect the health and safety of the players, staff or officials present for the athletic event. "

**Commented [S13]:** I would update this with the sample plan language - several customers have brought this to our attention as a real issue and hand-held watering for a school athletic field, particularly in Stage 2 is really not reasonable.



### **5.2.3 Stage 3 – Severe Water Shortage**

**Requirements for initiation** – Customers shall be required to comply with Stage 3 Drought Response Measures of this Plan when severe water shortage conditions exist. WTCPUA will recognize that a severe water shortage condition exists when either of the following criteria is met:

- a. When total daily water demand equals or exceeds:
  - i. 90 percent of the total design capacity of the WTCPUA water treatment plant for three consecutive days; or
  - ii. 100% of the total design capacity of the WTCPUA water treatment plant for a single day;
- b. source water contamination results in compromised capacity of the treatment and delivery systems;
- c. mechanical or electrical failure of a system component results in compromised treatment and/or delivery capacity;
- d. target reduction for the Stage 2 demand management measures is not achieved;
- e. the combined storage of lakes Travis and Buchanan drops below 750,000 acre-feet; or
- f. the LCRA initiates Stage 3 of its DCP.

**Requirements for termination** — Stage 3 of the Plan may be rescinded when:

- a. The WTCPUA water treatment plant capacity condition listed above as a triggering event is predicted to cease for an extended period;
- b. The combined storage of lakes Travis and Buchanan increases above 825,000 acre-feet
- c. LCRA announces that curtailment of water supplies to firm water customers is no longer required under drought contingency measures of the LCRA DCP.

Upon termination of Stage 3, Stage 2 becomes operative.

#### **Supply Management Measures:**

In addition to measures implemented in the preceding stages of the plan, affected WTCPUA water utility systems will implement additional water control options to limit water to only critical use for protection of health and safety and maintenance of treatment quality.

#### **Demand Management Measures:**

Water Supply Reduction Target: Achieve a minimum 30% reduction in water use.

Commented [IA14]: LCRA - 25%

Under threat of penalty for violation as described in Section 5.4, customers are required to eliminate non-essential water uses during an emergency. This includes, but is not limited to the following measures:

Irrigation of Landscaped Areas:

Irrigation of landscaped areas with hose-end sprinklers or in-ground irrigation systems shall be limited to four hours a day between the hours of 6 a.m. and 10 a.m., once weekly according to the Stage 2 designated days, during the following once weekly schedule:

Commented [IA15]: Change to 6 am to 10 am

Addresses ending:

Mon	1,3
day	
Tues	2,4
day	
Wed	5,7
nesd	
ay	
Thur	6,8
sday	
Frida	9,0
y	
Satur	All commercial-
day	& HOAs

No irrigation with in-ground irrigation systems is allowed from November through February.

Outdoor watering hours for hand watering will be limited to between 6 a.m. and 10 a.m. on the same designated days that apply to watering with hose-end sprinklers or irrigation systems. The allowed methods of hand watering landscaped areas are:

Commented [IA16]: LCRA - before 10 am or after 7 pm

Commented [IA17]: Change to 6 am to 10 am

- i. Hand-held hose;
- ii. Faucet-filled bucket or water can of five gallons or less;
- iii. Soaker hose; or
- iv. Tree gator watering bags

New landscapes may only be installed if they do not require a variance to the mandatory watering schedule. No variances will be approved.

Commented [IA18]: LCRA - New irrigated landscapes representing a redesign of more than 50% of the landscaped area may only be installed if: • A 30-day watering schedule variance has been applied for and accepted (see section 9.2); • Only drought-tolerant or native plants/turf are installed; • No more than 25% of the irrigated landscaped area is turf and the turf is drought-tolerant; and • Irrigation of beds is accomplished by drip irrigation with an automatic timer

Fire Hydrants:

Use of water from fire hydrants shall be limited to firefighting and activities necessary to maintain public health, safety and welfare. Use of water from designated fire hydrants for construction purposes may be allowed under special conditions and will require a meter; a variance application must be submitted and approved before a hydrant meter will be provided.

Recreational areas (includes municipal parks and common areas):

Irrigation of recreational areas with potable water must follow the four-hour weekly irrigation schedule, and watering of recreational areas should be prioritized by frequency of use. Unnecessary foot traffic should be discouraged. Watering using an auxiliary source such as recycled water is exempt from these restrictions.

Athletic fields:

A variance including a map of active play areas that must be irrigated with automatic sprinkler systems for sports practice and competition must be filed with the WTCPUA if irrigation falls outside of the normal watering schedule. The irrigation must be necessary to protect the health and safety of the players, staff, and officials present for athletic events.

- a. ~~a)~~—All ornamental landscape areas around facilities with athletic fields shall follow general landscape irrigation restrictions.
- b. ~~b)~~—All athletic fields that are not actively used for sports practice and competition shall follow general landscape irrigation restrictions.

Golf Courses:

Golf courses receiving any amount of treated water from WTCPUA must develop a drought contingency plan that meets the minimum water reduction target set for Stage 3 and comply with LCRA's DCP rules.

Outside Water Features:

- a. ~~a)~~—Operation of ornamental fountains is prohibited.
- b. ~~b)~~—Operation of outside water features, is only allowed when such features are used for aeration necessary to sustain aquatic life or maintain water quality. (This provision includes fountains associated with aesthetic ponds and swimming pools.)

**Commented [S19]:** Operation of ornamental fountains must be prohibited in Stage 3.

**5.2.4 Stage 4 – Emergency Water Conditions**

The WTCPUA General Manager or designee will notify affected retail customers, wholesale customers, and the media of the initiation and termination of Stage 4. Examples of a water emergency include, but are not limited to, the following:

- a. Major water line breaks, loss of distribution pressure, or pump system failures that cause substantial loss in its ability to provide water service;
- b. Contamination of the water supply source;~~or~~
- c. Any other emergency water supply or demand conditions that the WTCPUA General Manager or designee, determines to constitute a water supply emergency ~~more severe than that contemplated in the triggers contained in the LCRA Water Management Plan~~; or
- ~~e.d.~~ The LCRA Board declares a Drought Worse than the Drought of Record or other water supply emergency and orders the mandatory curtailment of firm water supplies.

Upon declaration of Stage 4—Emergency Water Conditions, water use restrictions outlined in Stage 4 Emergency Response Measures shall immediately apply and be in effect until lifted by WTCPUA.

**Emergency Measures**

Water Supply Reduction Target: ~~As determined by the WTCPUA Board of Directors.~~

**Commented [IA20]:** LCRA - 30%

Under threat of penalty for violation as described in Section 5.4, customers are required to eliminate non-essential water uses during an emergency. This includes, but is not limited to the following measures:

- a. Irrigation of any ornamental landscaped areas is prohibited. The use of hose-end sprinklers and automatic irrigation systems, including drip irrigation, are prohibited except as provided under item b below.
- b. Irrigation of foundations, trees and vegetable gardens is allowed with hand-held hoses with a working on/off nozzle, bucket, ~~drip irrigation~~ or soaker hoses for 4 hours between the hours of 6 a.m. and 10 a.m. one day per week on designated days only.
- ~~b.c.~~ Watering of athletic fields is allowed only with a variance filed with WTCPUA and must follow a no more than once-per-week schedule for no more than 4 hours per irrigated area. The irrigated athletic fields must be actively in use for organized sports practice, competition or exhibition events to protect the health and safety of the players, staff or officials present for the athletic event.
- ~~e.d.~~ Use of water from fire hydrants shall be limited to firefighting and activities necessary to maintain public health, safety, and welfare only.

**Commented [IA21]:** LCRA - "Irrigation of foundations, trees and vegetable gardens is allowed with hand-held hoses with a working on/off nozzle, bucket, drip irrigation or soaker hoses for 6 hours between the hours of 7 a.m. and 10 a.m. or 7 p.m. and 10 p.m. one day per week on designated days."

**Commented [IA22R21]:** Plug in as b - limit the hours to 6 am to 10 am

**Commented [S23]:** I would clarify this to match the language in LCRA's sample plan since you are allowing limited irrigation under the next line item.

~~e.e.~~ No applications for new, additional, expanded, or larger water service connections, meters, service lines, pipeline extensions, mains, or water service facilities of any kind shall be allowed or approved.

~~e.f.~~ Additional measures may be added as needed.

### **5.3 Drought Response Stages – Wholesale Customers**

All WTCPUA wholesale treated water customers are required to develop and formally adopt drought contingency plans for their own systems in accordance with Title 30 TAC §§288.20 and §288.22. The measures of this Plan must be at least as stringent as the drought response measures required by WTCPUA for its retail customers. Wholesale treated water customers must include in their wholesale water supply contracts, [including renewals and extensions](#), the requirement that each successive wholesale customer develop and formally adopt a drought contingency plan. [In case of a shortage of water resulting from drought, the water shall be distributed in accordance with Texas Water Code §11.039.](#)

#### **Stage 1 —Mild Water Shortage — Mandatory Measures**

WTCPUA will keep wholesale treated water customers informed about demand and current and projected water supply conditions. WTCPUA will initiate discussions with wholesale treated water customers about potential curtailment and the implementation of mandatory measures to reduce water usage by 10%.

#### **Stage 2 —Moderate Water Shortage – Additional Mandatory Measures**

WTCPUA will contact its wholesale treated water customers to initiate additional mandatory measures to control water demand and to ensure capacity for emergency response requirements. Additional mandatory measures will include the curtailment of water use by a minimum of 20% in accordance with the wholesale treated water customer's own drought contingency plan.

#### **Stage 3 —Severe Water Shortage – Additional Mandatory Measures**

WTCPUA will contact its wholesale treated water customers to initiate additional mandatory measures to control water demand and to ensure capacity for emergency response requirements. Additional mandatory measures will include the curtailment of water use by a minimum of 30% in accordance with the wholesale treated water customer's own drought contingency plan.

~~In addition, if the Stage 3 triggering criteria is based on a water supply shortage, WTCPUA will initiate the curtailment of water provided to wholesale treated water customers on a pro rata basis. The wholesale treated water customer's monthly allocation of water shall be based on a percentage of the customer's baseline water use.~~

~~The percentage will be determined by the WTCPUA General Manager and may be adjusted as conditions warrant.~~

#### **Stage 4 – Emergency Measures**

Water Supply Reduction Target: As determined by the WTCPUA Board of Directors

WTCPUA will contact its wholesale treated water customers to initiate additional mandatory measures to control water demand and to ensure capacity for emergency response requirements. Additional mandatory measures will include the curtailment of non-essential water uses in accordance with the wholesale treated water customer's own drought contingency plan.

In addition, if the Stage 4 triggering criteria is based on a water supply shortage, WTCPUA will initiate the curtailment of water provided to wholesale treated water customers on a *pro rata* basis. The wholesale treated water customer's monthly allocation of water shall be based on a percentage of the customer's baseline water use. The percentage will be determined by the WTCPUA General Manager and may be adjusted as conditions warrant.

### **5.4 Conservation and Drought Contingency Plan Implementation**

#### **5.4.1 Public Notification**

WTCPUA will periodically provide information about the drought contingency components of this plan, including (1) the conditions under which each stage of the Plan is to be initiated or terminated, and (2) the drought response measures to be implemented at each stage. This information will be provided by various means depending on the audience, including articles in the local media and special materials mailed to customers and available on the WTCPUA web site.

#### **5.4.2 Enforcement for Retail Customers**

The following enforcement provisions shall apply to all WTCPUA retail water customers:

- a. No person shall knowingly or intentionally allow the use of water from a WTCPUA water utility system for residential, commercial, industrial, agricultural, ornamental, or any other purpose in a manner contrary to any provision of this Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time.

- b. Except as otherwise provided in this Section 5.4.2, any person who violates this Plan shall be subject to the following surcharges and conditions of service:
- i. Following the first documented violation, the violator shall be given a notice specifying the type of violation and the date and time it was observed.
  - ii. Following the second documented violation, the violator shall be sent by certified mail a notice of violation and shall be assessed a surcharge of ~~\$200~~\$500;
  - iii. Following the third documented violation, the violator shall be sent by certified mail a notice of violation and shall be assessed a surcharge of ~~\$700~~\$1,000;
  - iv. Following the fourth documented violation, the WTCPUA Board of Directors or its designee shall, upon due notice to the customer, be authorized to discontinue water service to the premises where such violations occur. Services discontinued under such circumstances shall be restored only upon payment of a reconnection charge, hereby established at \$500, and any other costs incurred by a WTCPUA water utility system in discontinuing service, and any outstanding charges including late payment fees or penalties. In addition, suitable assurance in the amount of a deposit of \$500 must be given to the WTCPUA Board of Directors or its designee, that the same action shall not be repeated while the Plan is in effect. The WTCPUA Board of Directors or its designee may apply the deposit to any surcharges or penalties subsequently assessed under this Plan against a customer. Any remaining amount of such deposit, if any, shall be returned to the customer at the time of the customer's voluntary disconnection from the utility system.
- c. Compliance with this Plan also may be sought through injunctive relief in district court. Each day that one or more of the provisions in this Plan is violated shall constitute a separate violation. Any person, including one classified as a water customer of the WTCPUA, in apparent control of the property where a violation occurs or originates, shall be presumed to be the violator. Any such person, however, shall have the right to show that he or she did not commit the violation. Parents shall be presumed to be responsible for violations of their minor children, but any such parent may be excused if he proves that he had previously directed the child not to use the water in violation of this Plan and that there is no reasonable expectation that parent could have known about the violation. Table 5-1 shows the progressive steps of the drought response

enforcement process for retail customers.

**Table 5-1: Drought Response Retail Enforcement Process**

Documented Violation	Response
First	Notice of violation issued Customer is notified of actions to be taken if violations continue
Second	Penalty – \$500
Third	Penalty – \$1,000
Fourth and on	Service Disconnection \$500 reconnection fee <u>and \$500 deposit required</u>

**5.4.3 Enforcement for Wholesale Customers**

Wholesale treated water customers shall provide WTCPUA with an order, ordinance, or resolution to demonstrate adequate enforcement provisions for the wholesale customer’s own conservation and drought contingency plan.

In addition, wholesale treated water customers who fail to comply with the conservation and drought contingency measures in the Plan may be subject to civil penalties or any other remedies available to WTCPUA by law or under the terms of the raw water or wholesale water contracts and subject to the penalties in Table 5-2 below:

**Table 5-2: Wholesale Customer Drought Response Violation Penalties**

Documented Violation	Response
First	Written notice of violation
Second	Penalty fee up to \$2,000
Third and on	Penalty fee up to \$10,000

**5.4.4 Variances**

- a. The WTCPUA Board of Directors or it’s designee may grant variances:
  - i. From specific applications of the outdoor water schedule, providing that the variances do not increase the time allowed for watering but rather alter the schedule for watering; and,
  - ii. Allowing the use of alternative water sources that do not increase demand on potable water sources for outdoor use. Variance requests may be submitted to Water Customer Services and need not meet the requirements of subsection (b) below.

**Commented [IA24]:** LCRA - “Temporary watering schedule variances are allowed for new landscapes that use drought-resistant landscaping or water-conserving turf. Temporary watering schedule variances are also allowed for revegetation of disturbed areas due to construction, or if required by local, state, or federal regulations “



- b. WTCPUA Board of Directors or its designee may grant in writing temporary variances for existing water uses otherwise prohibited under this Plan if it is determined that failure to do so would cause an emergency adversely affecting the public health, sanitation, or fire protection, and if one or more of the following conditions are met:
  - i. Compliance with this Plan cannot be accomplished during the duration of the time the Plan is in effect, or
  - ii. Alternative methods can be implemented that will achieve the same level of reduction in water use.
- c. Persons requesting a variance from the provisions of this Plan shall file a petition for variance with WTCPUA Customer Service any time the Plan or a particular drought response stage is in effect. The WTCPUA General Manager, or designee, will review petitions for variances. The petitions shall include the following:
  - i. Name and address of the petitioner;
  - ii. Purpose of water use;
  - iii. Specific provision of the Plan from which the petitioner is requesting relief;
  - iv. Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm the petitioner or others will sustain if petitioner complies with this Plan;
  - v. Description of the relief requested;
  - vi. Period of time for which the variance is sought;
  - vii. Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date; and
  - viii. Other pertinent information.
- d. Variances shall be subject to the following conditions, unless waived or modified by the WTCPUA Board of Directors or its designee:
  - i. Variances granted shall include a timetable for compliance.
  - ii. Variances granted shall expire when the Plan, or its requirements, is no longer in effect, unless the petitioner has failed to meet specified requirements.

No variance shall be retroactive or otherwise excuse any violation occurring before the variance was issued.

#### **5.4.5 Plan Updates**

The Plan will be reviewed consistent with LCRA and TCEQ rules and updated based on

developments in the WTCPUA water service area.

**5.4.6 Drought Surcharge**

In order to offset the impact of lost revenues resulting from extended periods of implementing water conservation/drought contingency measures and/or due to implementation of LCRA raw water supply curtailments, the Board of Directors may assess a Drought Surcharge as authorized in the WTCPUA's Tariff, as may be amended from time to time.

**5.4.7 Notification to LCRA and TCEQ**

The WTCPUA shall notify the LCRA General Manager and the TCEQ Executive Director in writing within five (5) business days of the implementation of any mandatory provisions of this Drought Contingency Plan.

## Appendix A – Adherence to TCEQ Chapter 288 Rules

As a municipal water supplier, the minimum requirements in the Texas Administrative Code for water conservation plans for municipal uses by public water suppliers are covered in this Plan as follows:

- 288.2 (a)(1)(A) – Utility Profile – Section 2.1, 3.1
- 288.2 (a)(1)(C) – Specific, Quantified Five- and Ten-Year Goals – Section 2.2, 3.2
- 288.2 (a)(1)(D) – Measure and Account Water Diverted – Section 4.1, 4.2
- 288.2 (a)(1)(E) – Universal Metering – Section 4.2
- 288.2 (a)(1)(F) – Measures to Determine and Control Unaccounted-for Uses of Water – Section 4.2
- 288.2 (a)(1)(G) – Continuing Public Education and Outreach – Section 4.4
- 288.2 (a)(1)(H) – Rate Structure that is not Promotional – Section 2.3.2, 3.3.2
- 288.2 (a)(1)(I) – Reservoir Systems Operation Plan –Water Management Plan.
- 288.2 (a)(1)(J) – Means of Implementation and Enforcement – Section 1.1, 1.6
- 288.2 (a)(1)(K) – Coordination with Regional Water Planning Group(s) – Section 1.4
- 288.2 (a)(2)(A) – Program for Leak Detection, Repair and Water Loss Accounting – Section 3.3.1
- 288.2 (a)(2)(B) – Record Management System with Customer Classification – Section 4.1
- 288.2 (a)(2)(C) – Wholesale Customer Conservation Plan Requirement – Section 4.3
- 288.2 (a)(3) – Additional Conservation Strategies – Section 2.3, 4.4

As a municipal water supplier, the minimum requirements in the Texas Administrative Code for drought contingency plans for municipal uses by public water suppliers are covered in this Plan as follows:

- 288.20 (a)(1)(A) – Public Input – Section 1.2
- 288.20 (a)(1)(B) – Continuing Public Education – Section 4.4
- 288.20 (a)(1)(C) – Coordination with Regional Water Planning Group(s) – Section 1.4
- 288.20 (a)(1)(D) – Monitoring and Criteria for the Initiation and Termination of Drought Response Stages – Section 5.2
- 288.20 (a)(1)(E) – Emergency Response Stages – Section 5.3
- 288.20 (a)(1)(F) – Water Use Reduction Targets – Section 5.3
- 288.20 (a)(1)(G) – Water Supply or Water Demand Management Measures – Section 5.3
- 288.20 (a)(1)(H) – Procedures for the Initiation or Termination of Drought Stages and Public Notification – Section 5.2,5.3,5.4.1
- 288.20 (a)(1)(I) – Variances Procedures – Section 5.4.4
- 288.20 (a)(1)(J) – Enforcement of Mandatory Water Use Restrictions – Section 5.4.2, 5.4.3