

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 its regular meeting at 1:00 p.m. on Thursday, September 16, 2021 at Bee Cave City Hall, 4000 Galleria Parkway, Bee Cave, Texas.

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

The Consent Agenda allows the Board of Directors to approve all routine, non-controversial items with a single motion, without the need for discussion by the full Board. Any item may be removed from the Consent Agenda and considered individually upon request of a Board member.

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 (J. Riechers)

- A. Approve minutes of August 19, 2021 regular Board Meeting.**
- B. Approve payment of invoices and other bookkeeping matters.**
- C. Approve Contractor Pay Requests including**
 - 1. Payton Construction, Pay Application 7, \$93,194.05, County Line 1308 Pump Station 1340 Conversion;**
 - 2. DN Tanks, Inc., Pay Application 13, \$266,000.80, Southwest Parkway Ground Storage Tank 2.**
- D. Approve Service Availability Letter and Non-Standard Service Agreement for:**
 - 1. Julep Commercial Park, 36 LUEs, 290 Water System.**

E. Approve quote from The Reynolds Company for new network switches for the WTP SCADA system, \$59,933.20.

F. Award 2-Year Contract Services Agreement to:

1. Wastewater Transport Services, LLC, Sludge Transportation and Disposal.

2. Brenntag Southwest, Water and Wastewater Treatment Plant Chemicals other than Sodium Permanganate and Orthophosphate, Shannon Chemical Corporation for Sodium Permanganate and Orthophosphate.

***Brenntag Southwest bid thru 9/30/22 only, 12/31/21 for chlorine.**

3. Zane Furr, Landscape Maintenance.

V. OLD BUSINESS

A. Discuss, consider and take action regarding pending litigation, relating to the following: (S. Albright/D. Klein):

1. Weekley Homes LLP v. West Travis County Public Utility Agency, in the 200th Judicial District Court, Travis County, Texas; Cause No. D-1-GN-20-002291.

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

B. Discuss, consider and take action on reconsideration of adoption of amendments to the WTCPUA's Land Use Assumptions, Capital Improvements Plan and Impact Fees for Wastewater Impact Fee Service Area (J. Riechers).

VI. NEW BUSINESS

A. Discuss, consider and take action on annual review of WTCPUA Investment Policy (J. Smith).

B. Discuss, consider and take action on Statement of Qualifications from Malone Wheeler, Inc. for Effluent Management Plan (C. Garza).

C. Discuss, consider and take action on award of contract for the following projects:

1. 1340 Conversion Water Main to Qro Mex Construction Company, Inc. \$1,277,720.50;

2. Permanganate Chemical Feed Relocation to G Creek Construction, \$779,515.80;

3. Hamilton Pool Ground Storage Tank No. 2 to Preload LLC, \$1,619,160.00. (G. Murfee).

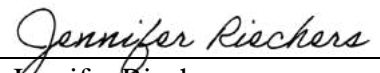
- D. Discuss, consider and take action on proposal from Murfee Engineering for budget adjustment related to additional .5 mg treatment train at Bohl's Wastewater Treatment Plant (G. Murfee).**
- E. Discuss, consider and take action on proposal from Murfee Engineering to obtain the Site Development Permit for Uplands Water Treatment Plant expansion (G. Murfee).**
- F. Appoint new member to the Finance Committee (J. Riechers).**
- G. Discuss, consider, and take action regarding Letter Agreement with Lake Travis ISD regarding the Reservation of Service Capacity and Acquisition of Easement Rights. (S. Albright).**
- H. Discuss, consider and take action on review of TCDRS pension, including:**
 - 1. Ratify plan options;**
 - 2. Retirement eligibility options;**
 - 3. Contribution rate for 2022. (J. Smith).**

VII. STAFF REPORTS

- A. General Manager's Report (J. Riechers).**
- B. Controller's Report (J. Smith).**
- C. Operations Report (E. Morgan).**
- D. Engineer's Report (G. Murfee) including:**
 - 1. Capital Improvements Plan Update**

VIII. ADJOURNMENT

Dated: September 10, 2021



Jennifer Riechers
WTCPUA General Manager

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 THE REGULAR MEETING OF THE
BOARD OF DIRECTORS OF THE
WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY**

The August 19, 2021 Board of Directors meeting was held with in-person attendance and via remote access in accordance with the Governor’s March 16, 2020 proclamation, as extended, suspending certain open meetings statutes in response to the current COVID-19 pandemic and statewide disaster declaration. The public was provided a toll-free number and free videoconference link to participate in the meeting.

Present:

Scott Roberts, President
Walt Smith, Secretary
Jason Bethke, Director
Jack Creveling, Director
Clint Garza, Director

Staff and Consultants:

Jennifer Riechers, Agency General Manager
Jennifer Smith, Agency Controller
Eric Morgan, Agency Operations Manager
Stefanie Albright, (Lloyd Gosselink Rochelle & Townsend, P.C.), Agency General Counsel
David Klein, (Lloyd Gosselink Rochelle & Townsend, P.C.), Agency General Counsel
George Murfee, (Murfee Engineering Company, Inc.), District Engineer
Jason Baze, (Murfee Engineering Company, Inc.), District Engineer
Andrea Wyatt, (Murfee Engineering Company, Inc.), District Engineer

I. CALL TO ORDER

Director Roberts called the meeting to order at 1:00 p.m.

II. ESTABLISH QUORUM

All Directors were present.

III. PUBLIC COMMENT

No public comment was received.

IV. PUBLIC HEARINGS

- A. Conduct a public hearing on amendments to the WTCPUA’s Land Use Assumptions, Capital Improvement Plan and water impact fees, 1:15 p.m.**

Director Roberts opened the public hearing at 1:18 p.m. Mr. Klein stated that this public hearing was for the proposed amendments to the Land Use Assumptions (“LUA”) and Capital Improvement Plan (“CIP”). Mr. Klein stated that the hearing was being held in accordance with Chapter 395 of the Texas Local Government Code after the board called for this hearing and published appropriate notice in the last regular meeting, and that the Impact Fee Advisory Committee (“IFAC”) had submitted recommendation.

Ms. Heddin next spoke on this item, providing a presentation on the impact fee study provided as **Exhibit A** and provided an overview of impact fees and the methodology of the study, stating that the study gives a year by year look over a 10-year period. Ms. Heddin stated that both existing and future projects were included in the study, and then associated costs were allocated for anticipated growth within the PUA’s boundaries in the third step of the analysis. Ms. Heddin explained that the fourth step in the analysis is to calculate the impact fee and then hold a public hearing to adopt that fee. Ms. Heddin walked the Board through the process to formulate the LUA and CIP, and provided the numbers associated with these costs and projections.

Ms. Heddin stated there is an anticipated growth of 16,350 LUEs in the entire system over the next 10 years, with approximately 10,000 of the connections occurring in the 290 System and the remaining 6,000 is for the 71 system. Ms. Heddin stated that for wastewater, 2,400 new connections would be added to serve the Bee Cave area.

Ms. Heddin then addressed the CIP, assessing existing and future CIP necessary to meet expected growth, including \$125.5 million in water projects, \$80 million of which are newly identified projects. Additionally, Ms. Heddin noted that the PUA would have \$18 million in wastewater projects. Ms. Heddin then summarized the remaining portion of the study which allocated the costs to accommodate the growth and calculated the impact fee. Ms. Heddin walked through the specific methodology for calculating this fee based on the findings in the study, including taking into account tax credits to ensure customers are not paying twice for the same infrastructure.

Ms. Heddin next described the cash flow analysis, detailing ways the PUA could pay for proposed projects. Ms. Heddin anticipated that, without additional debt and based on the proposed schedule of projects, by 2024 the PUA would not have enough cash in the water impact fee fund and by 2027 would be close to \$20 million deficit in the water impact fee fund, if the PUA were to cash fund the projects. On the wastewater side, Ms. Heddin stated the PUA’s funds would be in the negative next year as expansion projects begin and continue over the next seven years.

Ms. Heddin provided an analysis of other funds available to the PUA to fund projects, including the PUA’s \$27 million dollar balance in the General Fund, and described the policy limits on using existing PUA funds and other policy concerns.

Ms. Heddin noted that the entire analysis presented to the Board assumed the PUA does not issue any debt. However, she noted that due to the shortfalls and concerns regarding draining all of PUA funds to the bare minimum, she ran an additional scenario where the PUA would issue additional debt to fund the anticipated projects. Ms. Heddin advised that the debt would help cash flow and concerns relating to the 2031 CIP projects that are not included in the plan. She stated that for the Hwy 71 system the maximum allowable fee if the Board issues debt would be \$5,249,

and for the Hwy 290 system the maximum allowable fee under issuance of debt would be \$8,605. Additionally, she noted that for wastewater the maximum allowable fee under the scenario with the issuance of debt would be \$12,199. Ms. Heddin then stated that assuming no new debt was issued, and no interest expenses associated with impact fees were applicable, the maximum allowable for the Hwy 71 system would be \$4,780, the Hwy 290 system would be \$8,135 and wastewater would be \$11,218. Ms. Heddin reminded the Board that the PUA by policy may adopt the maximum allowable impact fees or something less than that. Ms. Heddin also provided a table with 90% of the maximum allowable, which is what the Board adopted in 2018.

No public comments were received in the public hearing.

MOTION: A motion was made by Director Roberts to close the public hearing at 1:50 p.m. The motion was seconded by Director Smith.

The vote was taken with the following result:

Voting Aye: Directors Roberts, Bethke, Creveling, Smith, and Garza
Voting Nay: None
Abstained: None
Absent: None

B. Conduct a public hearing on amendments to the wastewater impact fees, 1:30 p.m.

Director Roberts opened the public comment at 1:50 p.m. No public comments were received in the public hearing.

MOTION: A motion was made by Director Roberts to close the public hearing at 1:51 p.m. The motion was seconded by Director Smith.

The vote was taken with the following result:

Voting Aye: Directors Roberts, Bethke, Creveling, Smith, and Garza
Voting Nay: None
Abstained: None
Absent: None

V. CONSENT AGENDA (J. Riechers)

A. Approve minutes of July 15, 2021 regular Board Meeting.

B. Approve payment of invoices and other bookkeeping matters.

C. Approve Contractor Pay Requests including

1. Payton Construction, Pay Application 6, \$191,423.74, County Line 1308 Pump Station 1340 Conversion;

- 2. DN Tanks, Inc., Pay Application 12, \$398,323.80, Southwest Parkway Ground Storage Tank 2; and**
- 3. Austin Engineering Company, Pay Application 6 & Final Payment, \$27,750.00, Lift Station 9 Rehab.**

- D. Approve Service Availability Letter and Non-Standard Service Agreement for:**
- 1. Uplands Office, 39 Water LUEs, 23 Wastewater LUEs, 71 System.**
- E. Approve quote from Generator Field Services for generator for Lift Station No. 9, \$69,641.00.**
- F. Approve quote from Elliott Electric Supply for Preventive Maintenance on Raw Water Intake VFD for Pump No. 4, \$26,635.50.**

MOTION: A motion was made by Director Smith to approve the consent agenda, provided as **Exhibits B-F**. The motion was seconded by Director Roberts.

The vote was taken with the following result:

Voting Aye: Directors Roberts, Bethke, Creveling, Smith, and Garza
Voting Nay: None
Abstained: None
Absent: None

VI. OLD BUSINESS

- A. Discuss, consider and take action regarding pending litigation, relating to the following:**
- 1. Weekley Homes LLP v. West Travis County Public Utility Agency, in the 200th Judicial District Court, Travis County, Texas; Cause No. D-1-GN-20-002291.**

Ms. Albright gave brief update on the status of briefing with the Third Court of Appeals.

VII. NEW BUSINESS

At 2:51 p.m., Director Roberts announced that the Board would convene in executive session to discuss personnel matters pursuant to Texas Government Code § 551.074 regarding Items VII.C and VII.F.

At 3:23 p.m., Director Roberts announced that the Board would reconvene in open session and that no action had been taken in executive session.

A. Discuss, consider and take action on order approving amendments to the WTCPUA's Land Use Assumptions and Capital Improvements Plan, and imposition of Water Impact Fees.

Ms. Heddin presented on this item and laid out the options for the Board, including the maximum allowable impact fees that may be adopted. Ms. Riechers stated that the IFAC recommendation was to adopt 90% of the maximum impact fee, provided as Exhibit G.

Director Roberts stated that City of Dripping Springs and Dripping Springs Water Supply Corporation have expressed some concerns that the capacity assumptions are too low. Ms. Riechers stated that the PUA is required to do a CIP update every five years, but it has typically done so every 3 years, where projections may be adjusted to address higher than anticipated growth.

Ms. Heddin stated that not assessing at 100% impact fee gives the Board some cushion if there are some minor over-calculations based on changing conditions. Ms. Heddin confirmed that setting the impact fees at 90% doesn't materially impact rates.

Ms. Heddin stated that she provided impact fee calculations and the Board can accept these amounts or any amounts below these amounts. Ms. Heddin detailed the funding of the capital projects and options for cash flow. She flagged that based on the timing of the projects, and the projections made regarding growth, there would be an approximate \$22 million shortfall in the water impact fee fund if all of the projects were to be cash funded. She stated that the wastewater impact fee fund is anticipated to be \$6 million if projects are cash funded.

Ms. Heddin followed that because of concerns with cash flow, she ran a second scenario that contemplated debt to cover the shortfalls in both impact fee funds. Ms. Heddin detailed the scenario of issuing debt.

Director Bethke stated that interest rates are historically low, and recommended 90% assessment of impact fees, and that the calculations include issuing debt.

Director Creveling asked if the current proposal is rate neutral, to which Ms. Heddin stated that current projections are rate neutral.

Kyle Danhaus, General Manager of Dripping Springs Water Supply Corporation (DSWSC) addressed the Board. Discussion ensued regarding the DSWSC wholesale agreement and assessment of impact fees. Director Roberts stated that the PUA is building infrastructure to send more water to the DSWSC, and recommended that they begin moving forward as soon as possible with a new agreement. Director Garza stated that there are many platted lots in DSWSC and that it may be best to determine what impact fee is to be paid by the DSWSC and include that in the new wholesale agreement. Director Roberts stated that the PUA wants to provide water to DSWSC, and that the PUA has a fiduciary responsibility to ensure that this water is paid for by the developments creating the growth.

Discussion ensued regarding Chapter 395 restrictions and whether staff could recalculate impact fees based on \$30 million of debt for water projects and \$10 million for wastewater projects for future consideration. Mr. Klein stated that due to the information changing, if the Board were to recalculate impact fees, the public needs to have different information noticed and that another public hearing would need to be called. Discussion ensued regarding the process for debt issuance and adoption of impact fees, and whether to schedule a new public hearing.

Ms. Smith stated that she is comfortable with establishing impact fees at 95% collection, and that this will include the legal cushion recommended, take into account future debt, and would not result in needing additional public hearings.

Ms. Heddin stated that at 95% of the maximum allowable assessment, water impact fees would be \$4,986 for the 71 System, \$8,175 for the 290 System, and \$11,590 for Wastewater.

MOTION: A motion was made by Director Roberts to approve the Order Approving Amendments to the WTCPUA's Land Use Assumptions and Capital Improvements Plan, and imposition of Water Impact Fees, provided as **Exhibit H** and the Order Approving Amendments to the WTCPUA's Wastewater Impact Fees, provided as **Exhibit I**, setting the impact fees at 95% of the maximum allowable assessment. The motion was seconded by Director Garza.

The vote was taken with the following result:

Voting Aye: Directors Roberts, Bethke, Creveling, Smith, and Garza
Voting Nay: None
Abstained: None
Absent: None

Mr. Klein clarified that the effective date would be October 1, 2021.

MOTION: A motion was made by Director Smith to establish the effective date for the new water and wastewater impact fees as October 1, 2021. The motion was seconded by Director Roberts.

The vote was taken with the following result:

Voting Aye: Directors Roberts, Bethke, Creveling, Smith, and Garza
Voting Nay: None
Abstained: None
Absent: None

B. Discuss, consider and take action on order approving amendments to the WTCPUA's Wastewater Impact Fees.

This item was considered in conjunction with Item VII.A.

C. Discuss, consider and take action on FY 2022 budget.

This item was discussed in Executive Session. Ms. Smith presented this item, provided as **Exhibit J**. She provided a high-level overview of the budget, and stated that fund balances would be decreased by \$22 million relating to capital projects spending. She stated that the fund balance in the general fund is being built to provide for early retirement of debt, and asked for direction from the Board as to whether this path should continue to be pursued.

Director Smith referenced the maintenance budget items and a general discussion ensued regarding the differing budget amounts.

Director Smith asked about the public relations consultant line item and offered to provide assistance in preparing a request for qualifications.

Director Smith asked about fuel storage, and recommended looking into whether this is feasible for the PUA. Ms. Riechers stated that this was something that could be discussed with the City of Bee Cave and they would continue to look into options.

Director Creveling stated that he would like to implement a tool to simplify tracking of costs relating to projects as they move forward with the CIP.

Next, Ms. Smith talked about timing on debt issuance and stated that the PUA's financial advisor recommended moving forward now with a debt issuance due to historically low rates. Discussion ensued regarding debt restructuring, and Ms. Smith stated that she would continue to review.

MOTION: A motion was made by Director Smith to approve the Fiscal Year 2022 budget, provided as **Exhibit J**, including the directed adjustment to the General Manager's compensation. The motion was seconded by Director Roberts.

The vote was taken with the following result:

Voting Aye: Directors Roberts, Bethke, Creveling, Smith, and Garza

Voting Nay: None

Abstained: None

Absent: None

D. Discuss, consider and take action on Order amending WTCPUA's Wholesale Water and Wastewater Rates.

Ms. Riechers presented this item, provided as **Exhibit K**, stating that these adjustments relate to the amortization schedules incorporated for each wholesale customer, and that the adjustments are effective October 1, 2021.

MOTION: A motion was made by Director Roberts to approve the Order Amending WTCPUA's Wholesale Water and Wastewater Rates, provided as **Exhibit K**. The motion was seconded by Director Creveling.

The vote was taken with the following result:

Voting Aye: Directors Roberts, Bethke, and Creveling
Voting Nay: None
Abstained: None
Absent: Directors Garza and Smith

E. Discuss, consider and take action on WTCPUA Organizational Chart.

Ms. Riechers presented this item, provided as **Exhibit L**. She stated that two new positions are reflected with two vacancies.

MOTION: A motion was made by Director Roberts to approve the updated Organizational Chart, provided as **Exhibit L**. The motion was seconded by Director Creveling.

The vote was taken with the following result:

Voting Aye: Directors Roberts, Bethke, Creveling, Smith, and Garza
Voting Nay: None
Abstained: None
Absent: None

F. Discuss, consider and take action on annual review of General Manager.

This item was discussed in Executive Session. Director Roberts directed that the budget be adjusted to increase the General Manager's salary to \$210,000 per year.

G. Discuss, consider and take action on letter from Lake Travis Independent School District.

Ms. Albright presented on this item, provided as **Exhibit M**. She stated that the PUA needs an easement on Hamilton Pool Road relating to planned facilities, and that LTISD is willing to grant an easement to the PUA. However, as a governmental entity, LTISD cannot "gift" this easement to the PUA and is requesting a commitment of 11 water LUEs to apply to a future school site on the Highway 71 System.

MOTION: A motion was made by Director Roberts to authorize the General Manager and general counsel to prepare an agreement between the PUA and LTISD in accordance with the terms offered in the LTISD letter. The motion was seconded by Director Garza.

The vote was taken with the following result:

Voting Aye: Directors Roberts, Bethke, Creveling, Smith, and Garza
Voting Nay: None
Abstained: None
Absent: None

H. Discuss, consider and take action on report from Murfee Engineering Company regarding decommissioning of Lake Pointe Wastewater Treatment Plant

Andrea Wyatt with Murfee Engineering presented on this item, provided as **Exhibit N**. She provided a presentation regarding potential repair and rehabilitation that may be needed for the Lake Pointe Wastewater Treatment Plant, and stated that because the work is uncertain, it is difficult to determine how much a rehabilitation would cost. She detailed the rehabilitation work that could be needed, and flagged that the Bohls Wastewater Treatment Plant was planned to expand. Expanding Bohls to incorporate decommissioning of the Lake Pointe Wastewater Treatment Plant would cost approximately \$15 million, and the decommissioning itself would cost approximately \$760,000.

In response to a question from Director Creveling, Mr. Murfee stated that this decommissioning and associated expansion of the Bohls Wastewater Treatment Plant are not included in CIP and would come from the Facilities Fund.

Director Bethke stated his support for decommissioning of the facility. Ms. Smith stated that decommissioning is budgeted for the Facilities Fund. Ms. Wyatt stated that there will still need to be a lift station at the Lake Pointe WWTP site.

MOTION: A motion was made by Director Roberts to approve the decommissioning of the Lake Pointe Wastewater Treatment Plant and the 1.5 MGD expansion of the Bohls Wastewater Treatment Plant. The motion was seconded by Director Creveling.

The vote was taken with the following result:

Voting Aye: Directors Roberts, Bethke, Creveling, Smith, and Garza
Voting Nay: None
Abstained: None
Absent: None

I. Discuss, consider and take action on Order and Amendment to WTCPUA Administrative Financial policies related to fund balances.

Ms. Smith presented this item, provided as **Exhibit O**.

MOTION: A motion was made by Director Smith to approve the Order to amend the WTCPUA Financial Policies, provided as **Exhibit O**. The motion was seconded by Director Roberts.

The vote was taken with the following result:

Voting Aye: Directors Roberts, Bethke, Creveling, Smith, and Garza
Voting Nay: None
Abstained: None
Absent: None

VIII. STAFF REPORTS

A. General Manager's Report.

Ms. Riechers presented this item, provided as **Exhibit P**.

B. Controller's Report.

Ms. Smith presented this item, provided as **Exhibit Q**.

C. Operations Report.

Mr. Morgan presented on this item, provided as **Exhibit R**.

D. Engineer's Report including:

1. Capital Improvements Plan Update

Mr. Murfee presented on this item, provided as **Exhibit S**. He stated that the PUA had submitted an application to LCRA for additional firm water, anticipated to be 1,500 acre feet now with an additional 3,000 acre feet available when the new reservoir is complete. He also stated that there was a \$1.6 million project to extend a line from Ranch Road 12 to Fitzhugh Road that would loop the system. Ms. Riechers stated that she recommended this be included in the five-year update of the CIP, even if the project needs to be built before then.

Mr. Murfee also gave a report regarding SER requests from the City of Dripping Springs for Anarene and Cannon and followed that there is an additional project that will also be requested.

IX. ADJOURNMENT

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

The vote was taken with the following result:

Voting Aye: Directors Roberts, Bethke, Creveling, Smith, and Garza
Voting Nay: None
Abstained: None
Absent: None

The meeting adjourned at 3:54 p.m.

Dated: September 16, 2021

Scott Roberts
WTCPUA Board President

Walt Smith
WTCPUA Board Secretary

ITEM B



West Travis County Public Utility Agency

Check Report

By Check Number

Date Range: 08/02/2021 - 08/31/2021

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
Bank Code: AP Bank-AP Bank						
01625	Payton Construction, Inc.	08/27/2021	EFT	0.00	191,423.74	33
CL 1308 PS PA6	Invoice	08/09/2021	County Line 1308 PS 1340 Conversion - Pa	0.00	191,423.74	
00016	Ace Contractor Supply	08/04/2021	Regular	0.00	484.04	2443
133373	Invoice	07/26/2021	Consumables for LM Warehouse	0.00	484.04	
00018	ACT Pipe & Supply	08/04/2021	Regular	0.00	300.85	2444
S100696693.001	Invoice	07/26/2021	Meter Adapters LM Warehouse	0.00	300.85	
00130	AT&T Mobility-CC	08/04/2021	Regular	0.00	855.00	2445
YRB062021	Invoice	07/26/2021	SCADA System Cellular Network - 6/19/21	0.00	855.00	
00260	BrickHouse Security	08/04/2021	Regular	0.00	455.81	2446
1013609	Invoice	07/24/2021	Service 7/24/2021 - 8/24/2021	0.00	455.81	
00369	Chem Equip	08/04/2021	Regular	0.00	2,393.50	2447
5879	Invoice	07/12/2021	Service Call at Lakepointe WW - Chlorina.	0.00	2,393.50	
02736	DocuSign, Inc	08/04/2021	Regular	0.00	8,100.40	2448
INV26919684	Invoice	07/25/2021	Annual Subscription 7/23/2021 - 7/22/20	0.00	8,100.40	
00752	Grainger	08/04/2021	Regular	0.00	154.79	2449
9973305759-I	Invoice	07/23/2021	EMD Supplies for WO#224	0.00	154.79	
00771	Guardian Industrial Supply LLC	08/04/2021	Regular	0.00	144.00	2450
072221-I	Invoice	07/16/2021	Fuses for EMD Fab Shop	0.00	144.00	
00779	Hach Company	08/04/2021	Regular	0.00	9,752.00	2451
12557898	Invoice	07/22/2021	Grab Sample Panels sc200 for WTP	0.00	9,752.00	
00784	Halff Associates, Inc.	08/04/2021	Regular	0.00	10,680.74	2452
10055886	Invoice	07/22/2021	Engineering Review - Forbes Tract	0.00	2,514.82	
10055887	Invoice	07/22/2021	Engineering Review - Parten Ranch PH5	0.00	2,100.00	
10055919	Invoice	07/22/2021	Engineering Review - Parten Ranch Sec 4	0.00	317.50	
10055924	Invoice	07/22/2021	Engineering Review - Darden Hills	0.00	5,748.42	
01310	Lloyd Gosselink Rochelle & Townsend, P.C.	08/04/2021	Regular	0.00	31,910.76	2453
97521759	Invoice	06/01/2021	General Employment - originally dated 4/	0.00	152.50	
97523715	Invoice	07/21/2021	General Counsel	0.00	7,500.00	
97523716	Invoice	07/21/2021	General Operations	0.00	1,748.00	
97523720	Invoice	07/21/2021	Dripping Springs ISD NSSA	0.00	1,405.38	
97523721	Invoice	07/21/2021	Lake Travis ISD	0.00	318.00	
97523722	Invoice	07/21/2021	Anarene Tract Hill Tract SER	0.00	53.00	
97523723	Invoice	07/21/2021	Spillman Townhomes NSSA	0.00	293.38	
97523725	Invoice	07/21/2021	Fitzhugh 10	0.00	26.50	
97524004	Invoice	07/12/2021	Litigation Burba Ranch Impact	0.00	20,414.00	
01434	McCoy's Building Supply	08/04/2021	Regular	0.00	99.88	2454
6958395-I	Invoice	07/26/2021	Grass Seed for LM	0.00	29.95	
7462143	Invoice	07/22/2021	Consumables for LM Warehouse	0.00	69.93	
01523	Mission Communications, LLC	08/04/2021	Regular	0.00	2,704.56	2455
1053946	Invoice	07/21/2021	Annual Services for Lift Stations and Coun	0.00	2,704.56	
01543	Murfee Engineering Company Inc.	08/04/2021	Regular	0.00	38,877.13	2456
44564	Invoice	06/15/2021	HPRPS Ground Storage Tank #2 Design, A	0.00	9,963.50	
44568	Invoice	06/15/2021	SW Pkwy PS GST No. 2	0.00	8,767.38	

Check Report

Date Range: 08/02/2021 - 08/31/2021

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
44569	Invoice	06/15/2021	County Line 1420 PS Upgrades	0.00	2,527.50	
44738	Invoice	07/13/2021	General Eng Services FYE 9/30/2020	0.00	17,618.75	
02066	Spectrum	08/04/2021	Regular	0.00	510.66	2457
0020275072921	Invoice	07/29/2021	Internet & Phone Service - Various Locati	0.00	510.66	
02066	Spectrum	08/04/2021	Regular	0.00	-510.66	2457
02037	The Bridge Group	08/04/2021	Regular	0.00	12,020.00	2458
2021-0106	Invoice	07/19/2021	Monthly Construction Inspection Fees	0.00	12,020.00	
02108	Travis County MUD No 16	08/04/2021	Regular	0.00	30,981.09	2461
July 2021	Invoice	07/31/2021	Wastewater Billing Collections	0.00	30,981.09	
02174	Waste Management of Texas	08/04/2021	Regular	0.00	1,078.55	2462
0125245-2161-9	Invoice	07/23/2021	Garbage Service 8/1/2021 - 8/31/2021	0.00	1,078.55	
02177	Wastewater Transport Services, LLC	08/04/2021	Regular	0.00	11,203.13	2463
11112423	Invoice	07/22/2021	Lift Station Cleaning - Bohls WWTP	0.00	1,680.00	
11112424	Invoice	07/22/2021	Lift Station Cleaning - LS #22	0.00	1,320.00	
11112425	Invoice	07/22/2021	Lift Station Cleaning - LS#17 Falconhead 2	0.00	1,320.00	
11112427	Invoice	07/22/2021	Lift Station Cleaning - Lift Station #6	0.00	1,080.00	
11112428	Invoice	07/22/2021	Lift Station Cleaning - Lift Station #2	0.00	1,080.00	
11112429	Invoice	07/22/2021	Lift Station Cleaning - Lakepointe WWTP	0.00	1,320.00	
11112480	Invoice	07/22/2021	Emergency Cleaning - Lift Station #3	0.00	1,631.25	
11112495	Invoice	07/22/2021	Emergency Cleaning - Lift Station #2	0.00	1,771.88	
01324	Lower Colorado River Authority	08/10/2021	Regular	0.00	6,000.00	2465
LCRA-Addt'l Raw	Invoice	08/10/2021	Additional 4,500 afy Application Fee	0.00	6,000.00	
00016	Ace Contractor Supply	08/16/2021	Regular	0.00	12.25	2466
133373-02	Invoice	07/27/2021	Consumables Cut Off Wheels for LM Ware	0.00	12.25	
00018	ACT Pipe & Supply	08/16/2021	Regular	0.00	234.90	2467
S100695813.001	Invoice	07/22/2021	Hand Pumps for LM Shop	0.00	234.90	
00101	Aqua-Aerobic Systems, Inc.	08/16/2021	Regular	0.00	887.82	2468
1029396	Invoice	07/20/2021	Supplies for WO#1265 and Stock	0.00	887.82	
00104	Arbor Car Wash	08/16/2021	Regular	0.00	363.61	2469
123	Invoice	06/30/2021	Car Wash/Detail/Lube Services	0.00	363.61	
00128	AT&T	08/16/2021	Regular	0.00	1,830.91	2470
08052021	Invoice	08/05/2021	Telephone Expense - Consolidated Bill	0.00	1,830.91	
00132	AT&T Wireless	08/16/2021	Regular	0.00	1,844.72	2471
287257473032X0	Invoice	08/04/2021	Staff Wireless Expense - 8/5/2021 - 9/4/2	0.00	1,844.72	
00245	Brenntag Southwest Inc.	08/16/2021	Regular	0.00	6,269.99	2472
BSW31555-I	Invoice	07/30/2021	Aquamine for WTP	0.00	5,189.99	
BSW315990-I	Invoice	07/31/2021	Chemicals for Bohls WWTP	0.00	480.00	
BSW315991-I	Invoice	07/31/2021	Chemicals for Lakepointe WWTP	0.00	600.00	
00369	Chem Equip	08/16/2021	Regular	0.00	1,002.10	2473
5878	Invoice	07/09/2021	Service Call at Bohl's WWTP for Chlorinati	0.00	1,002.10	
02672	Cintas Corporation	08/16/2021	Regular	0.00	193.35	2474
5070579022	Invoice	07/29/2021	Medical Kit Replenishment- Water/LM/E	0.00	137.77	
5070579034	Invoice	07/29/2021	Medical Kit Replenishment @ Lakepointe	0.00	4.88	
5070579061	Invoice	07/29/2021	Medical Kit Replenishment - Admin Office	0.00	20.31	
5070579083	Invoice	07/29/2021	Medical Kit Replenishment - Bohls WWTP	0.00	30.39	
00447	Core & Main LP	08/16/2021	Regular	0.00	11,544.76	2475
P339585-I	Invoice	07/30/2021	Supplies for LM Shop	0.00	10,173.72	
P343567-I	Invoice	07/30/2021	Supplies for LM Shop	0.00	1,046.04	

Check Report

Date Range: 08/02/2021 - 08/31/2021

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
P381338	Invoice	08/09/2021	Stock Supplies for LMD	0.00	325.00	
00479	D.A.D.'s Lawn Services, LLC	08/16/2021	Regular	0.00	5,820.00	2476
20200961	Invoice	08/02/2021	Monthly Ground Maintenance - June 202	0.00	5,820.00	
00549	Dell Financial Services	08/16/2021	Regular	0.00	39.00	2477
August 2021	Invoice	08/02/2021	Late Fee Assessment	0.00	39.00	
00568	Diligent Delivery Systems	08/16/2021	Regular	0.00	108.59	2478
126509	Invoice	07/30/2021	Courier Services 7/1/2021 -7/31/2021	0.00	108.59	
00636	Elliott Electric Supply, Inc	08/16/2021	Regular	0.00	1,981.42	2479
51-00983-01-I	Invoice	08/03/2021	30W LED Wall Pack for WO #001302	0.00	519.16	
51-01013-01	Invoice	08/02/2021	Supplies for WO #001301	0.00	880.17	
51-01013-02	Invoice	08/02/2021	Supplies for WO #001301	0.00	297.44	
51-01013-03	Invoice	08/04/2021	Supplies for WO #001301	0.00	284.65	
00684	Fastest Labs of Central Austin	08/16/2021	Regular	0.00	25.00	2480
371	Invoice	07/31/2021	Background Check Jose Jesus Moralges	0.00	25.00	
00752	Grainger	08/16/2021	Regular	0.00	1,411.44	2481
9002316298-I	Invoice	07/27/2021	Drop in Anchors for WO#208	0.00	100.62	
9826274038-I	Invoice	08/04/2021	EMD Inventory	0.00	1,310.82	
00756	Green Oasis Landscapes	08/16/2021	Regular	0.00	545.76	2482
28884	Invoice	08/01/2021	Quarterly Plant Maintenance	0.00	545.76	
00779	Hach Company	08/16/2021	Regular	0.00	996.00	2483
12569108	Invoice	07/29/2021	Probe for DO Meter - Lab Equipment for	0.00	996.00	
12571732-I	Invoice	07/30/2021	Hach DPD Chlorine Kits Mid Range WW	0.00	434.00	
2191602	Credit Memo	08/10/2021	Credit for Return Chlorine Test Kits - Bubb	0.00	-434.00	
00793	Harrington Industrial Plastics, LLC	08/16/2021	Regular	0.00	424.69	2484
04944230-I	Invoice	08/04/2021	EMD Supplies for WO#981	0.00	4.70	
04944242	Invoice	08/05/2021	Supplies for WO #0981	0.00	152.67	
04944286	Invoice	08/06/2021	Supplies for WO #0981	0.00	267.32	
00800	Hays County MUD No 4	08/16/2021	Regular	0.00	10,239.06	2485
July 2021	Invoice	07/31/2021	Wastewater Billing Collections 2021.07	0.00	10,239.06	
00842	HydroPro Solutions, LLC	08/16/2021	Regular	0.00	11,172.20	2486
0018105-IN-I	Invoice	08/03/2021	3/4" Meters for Customer Service	0.00	9,938.88	
17459.E-IN	Invoice	08/01/2021	Network Monitoring System	0.00	1,233.32	
01310	Lloyd Gosselink Rochelle & Townsend, P.C.	08/16/2021	Regular	0.00	4,973.50	2489
97523682	Invoice	07/28/2021	Spanish Oaks	0.00	1,013.50	
97523683	Invoice	07/28/2021	2018 LUA/CIP/IF Update	0.00	960.00	
97523913	Invoice	07/27/2021	87th Legislative Consulting & Tracking	0.00	3,000.00	
01324	Lower Colorado River Authority	08/16/2021	Regular	0.00	102,974.00	2490
00529969-7/21	Invoice	07/30/2021	Purchase Water	0.00	100,255.25	
00530144-7/21	Invoice	07/30/2021	Purchase Water	0.00	2,718.75	
01434	McCoy's Building Supply	08/16/2021	Regular	0.00	352.40	2491
6959134	Invoice	08/06/2021	#10 3-1/2" Screws for LM Stock	0.00	29.99	
7462517-I	Invoice	07/28/2021	LM Supplies for WO#1297	0.00	7.38	
7463376	Invoice	08/09/2021	Supplies for WO #1328 @ LS#7	0.00	279.55	
7463489	Invoice	08/10/2021	Stock Supplies for CS Deptm.	0.00	39.47	
900-9804617 001	Credit Memo	08/04/2021	Credit - accidentally applied a cc purchase	0.00	-3.99	
01543	Murfee Engineering Company Inc.	08/16/2021	Regular	0.00	26,630.28	2492
44416	Invoice	08/01/2021	County Line 1340 PS Design, Approval & C	0.00	11,757.78	
44417	Invoice	08/01/2021	HPRPS Ground Storage Tank #2 Design, A	0.00	3,163.75	
44420	Invoice	08/01/2021	1240 Transmission Main CIP Project	0.00	6,368.75	
44421	Invoice	08/01/2021	SW Pkwy PS GST No. 2	0.00	2,638.75	

Check Report

Date Range: 08/02/2021 - 08/31/2021

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
44425	Invoice	08/01/2021	Water Distribution System Model Update	0.00	2,701.25	
01583	Office Depot	08/16/2021	Regular	0.00	269.81	2493
1900 - 2021.08	Invoice	08/05/2021	Office Supplies for Admin Office	0.00	269.81	
01629	Pedernales	08/16/2021	Regular	0.00	14,278.91	2494
0950 2021.08	Invoice	08/07/2021	Electric Charges - Pump Station 7	0.00	37.50	
2795 2021.08	Invoice	08/07/2021	Electric Charges - Pump Station 7	0.00	12,332.28	
5199 2021.08	Invoice	08/07/2021	Electric Charges - EST 2	0.00	70.87	
6270 2021.08	Invoice	08/07/2021	Electric Charges - Pump Station 5	0.00	1,777.04	
6972 2021.08	Invoice	08/07/2021	Electric Expense - Pump Station 6	0.00	61.22	
02738	Quadient Leasing USA, Inc.	08/16/2021	Regular	0.00	219.00	2495
N8923109	Invoice	08/01/2021	Lease Payment (4/23/2021 - 7/22/2021)	0.00	219.00	
01915	Smith Pump Company, Inc.	08/16/2021	Regular	0.00	9,500.00	2496
1002237	Invoice	07/31/2021	Non Clog Submersible Pump @LS #22 - 5	0.00	9,500.00	
02029	Texas Excavation Safety System, Inc.	08/16/2021	Regular	0.00	745.75	2498
21-16543	Invoice	07/31/2021	Message Fees - July 2021	0.00	745.75	
02043	The Reynolds Company	08/16/2021	Regular	0.00	2,897.06	2499
21627899-00-1	Invoice	08/02/2021	EMD Parts for WO#1306	0.00	2,897.06	
02680	Travis County	08/16/2021	Regular	0.00	130,580.00	2500
Permit # 19-2287	Invoice	08/16/2021	Cash Security30 inch RW TM No. 2 (Permi	0.00	130,580.00	
02138	United Site Services of Texas, Inc.	08/16/2021	Regular	0.00	140.04	2501
114-12265850	Invoice	08/09/2021	County Line Pump Station	0.00	140.04	
02140	Universal Background Screening	08/16/2021	Regular	0.00	45.50	2502
202107013507	Invoice	07/31/2021	MVR/Driving Record - Jose Morles	0.00	45.50	
02143	USA BlueBook	08/16/2021	Regular	0.00	20.75	2503
685927	Invoice	08/05/2021	Hach Total Chlorine Chemkey Reagents	0.00	20.75	
02144	USIC Locating Services, LLC	08/16/2021	Regular	0.00	2,708.69	2504
454046	Invoice	07/31/2021	Locating Services 7/1/2021 - 7/31/2021	0.00	2,708.69	
02177	Wastewater Transport Services, LLC	08/16/2021	Regular	0.00	67,995.00	2505
11112155	Invoice	07/01/2021	Sludge Disposal - Bohls WWTP	0.00	20,792.50	
11112159	Invoice	07/01/2021	Sludge Disposal - Lakepointe WWTP	0.00	39,727.50	
11112175	Invoice	07/01/2021	Sludge Disposal - WTP	0.00	7,475.00	
00144	Austin Engineering Inc	08/27/2021	Regular	0.00	27,750.00	2530
LS9 Rehab PA6	Invoice	08/03/2021	Lift Station #9 Rehab - Pay App 6	0.00	27,750.00	
00245	Brenntag Southwest Inc.	08/27/2021	Regular	0.00	10,697.64	2531
BSW316673	Invoice	09/02/2021	Chemicals - WTP	0.00	10,697.64	
00457	CP&Y	08/27/2021	Regular	0.00	2,287.16	2532
WTCP1800076.0	Invoice	08/05/2021	Uplands WTP Trident/Office Building & Hi	0.00	1,749.66	
WTCP2000029.0	Invoice	08/05/2021	SCADA System Improvements	0.00	537.50	
00573	DN Tanks, Inc	08/27/2021	Regular	0.00	398,323.80	2533
SWP GST PA12	Invoice	08/03/2021	Southwest Parkway GST 1 - Pay App 12	0.00	398,323.80	
00779	Hach Company	08/27/2021	Regular	0.00	400.00	2534
12589323	Invoice	08/11/2021	Stock for WW Department	0.00	400.00	
00825	Hill Country Texas Galleria, LLC	08/27/2021	Regular	0.00	16,294.55	2535
110809012021	Invoice	09/01/2021	Lease Expense	0.00	16,294.55	
02655	Infosend, Inc	08/27/2021	Regular	0.00	4,050.64	2536
195968	Invoice	07/30/2021	Billing Support	0.00	4,050.64	

Check Report

Date Range: 08/02/2021 - 08/31/2021

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
01654	PostNet TX144	08/27/2021	Regular	0.00	15.20	2537
522986	Invoice	08/11/2021	Postage for Monthly Reports to TCEQ - Jul	0.00	15.20	
02143	USA BlueBook	08/27/2021	Regular	0.00	245.72	2538
693848	Invoice	08/12/2021	Water Service Lock Key	0.00	245.72	
00128	AT&T	08/27/2021	Regular	0.00	1,609.33	2575
SWBT-08-202106	Invoice	08/10/2021	AT&T Claim for Damages at 50 Laurel Hill	0.00	1,609.33	
00133	AT&T- Internet	08/27/2021	Regular	0.00	1.14	2576
1455192608	Invoice	07/11/2021	Subscriber/Router	0.00	91.80	
2020.12.20-1	Credit Memo	06/24/2021	Subscriber/Router	0.00	-182.70	
5850473605	Invoice	08/11/2021	Subscriber/Router	0.00	92.04	
01629	Pedernales	08/04/2021	Bank Draft	0.00	25,526.77	DFT0000906
219617	Invoice	08/03/2021	New Inline Pole & New Pad Mounted Tran	0.00	21,346.50	
219618	Invoice	08/03/2021	Removing Transformer off Pole- County Li	0.00	4,180.27	
00132	AT&T Wireless	08/05/2021	Bank Draft	0.00	2,050.28	DFT0000910
287257473032X0	Invoice	07/04/2021	Staff Wireless Expense - 7/5/2021 - 8/4/2	0.00	2,050.28	
00416	City of Austin	08/05/2021	Bank Draft	0.00	86.78	DFT0000911
040901295976	Invoice	07/29/2021	Utility Expense	0.00	86.78	
02700	WEX Bank	08/05/2021	Bank Draft	0.00	4,804.33	DFT0000912
73118335	Invoice	07/31/2021	Fuel Purchases	0.00	4,804.33	
00225	BOK Financial	08/13/2021	Bank Draft	0.00	8,033,481.25	DFT0000913
WEST1217RR 8/2	Invoice	08/15/2021	Semi Annual Bond Payment - SR 2017 Ref	0.00	3,396,200.00	
WEST415RB 8/21	Invoice	08/15/2021	Semi Annual Bond Payment SR 2015	0.00	800,181.25	
WEST419RB 8/21	Invoice	08/15/2021	Semie Annual Bond Payment SR 2019	0.00	613,475.00	
WEST813RR 8/21	Invoice	08/15/2021	Semi Annual Bond Payment - SR 2013 Ref	0.00	3,223,625.00	
00416	City of Austin	08/17/2021	Bank Draft	0.00	68.70	DFT0000926
399981926115	Invoice	08/12/2021	Utility Expense	0.00	68.70	
00416	City of Austin	08/17/2021	Bank Draft	0.00	87,279.95	DFT0000927
071050119054	Invoice	08/10/2021	Utility Expense	0.00	87,279.95	
00416	City of Austin	08/17/2021	Bank Draft	0.00	22,795.92	DFT0000928
441221549287	Invoice	08/04/2021	Utility Expense	0.00	22,795.92	
00416	City of Austin	08/27/2021	Bank Draft	0.00	64.20	DFT0000946
224678591566	Invoice	08/16/2021	Utility Expense	0.00	64.20	
00416	City of Austin	08/27/2021	Bank Draft	0.00	209.41	DFT0000947
398275759410	Invoice	08/17/2021	Utility Expense	0.00	209.41	
00416	City of Austin	08/27/2021	Bank Draft	0.00	18,786.92	DFT0000948
78683217132	Invoice	08/13/2021	Utility Expense	0.00	18,786.92	
02548	BB&T - Conway	08/27/2021	Bank Draft	0.00	727.72	DFT0000950
5381 - 2021.07	Invoice	08/05/2021	Credit Card Purchases	0.00	325.85	
5381-2021.07.07	Invoice	07/07/2021	Credit Card Purchases	0.00	32.83	
5381-2021.07.16	Invoice	07/16/2021	Credit Card Purchases for WO#1098	0.00	45.91	
5381-2021.07.16-	Credit Memo	08/10/2021	Credit Card Purchases for Truck #1423	0.00	-359.54	
5381-2021.07.20	Invoice	07/20/2021	Credit Card Purchases for WO#1098	0.00	22.97	
5381-2021.07.22	Invoice	07/22/2021	Credit Card Purchases for WO#1098	0.00	61.88	
5381-2021.07.28	Invoice	07/28/2021	Credit Card Purchases for WO#1301	0.00	229.90	
5381-2021.07.30	Invoice	07/30/2021	Credit Card Purchases for WO#1301	0.00	8.38	
5381-2021.07-1	Invoice	07/16/2021	Credit Card Purchases Fab Shop & Truck 1	0.00	359.54	
00173	BB&T - Harkrider	08/27/2021	Bank Draft	0.00	157.40	DFT0000951
8564 - 2021.07	Invoice	08/05/2021	Credit Card Purchases	0.00	67.52	
8564-2021.07.12-	Invoice	07/12/2021	Credit Card Purchases Stock for WW Bohl'	0.00	44.94	

Check Report

Date Range: 08/02/2021 - 08/31/2021

Vendor Number	Vendor Name	Payment Date	Payment Type	Discount Amount	Payment Amount	Number
Payable #	Payable Type	Post Date	Payable Description	Discount Amount	Payable Amount	
8654-2021.07.16	Invoice	07/16/2021	Credit Card Purchases Stock for WW	0.00	44.94	
00175	BB&T - Main Office 4972	08/27/2021	Bank Draft	0.00	2,319.51	DFT0000952
4972 - 2021.07	Invoice	08/05/2021	Credit Card Purchases	0.00	2,319.51	
00178	BB&T - Rendon	08/27/2021	Bank Draft	0.00	212.34	DFT0000953
1099 - 2021.01	Credit Memo	02/05/2021	Credit Card Refunds	0.00	-1,330.99	
1099 - 2021.01-1	Invoice	02/05/2021	Credit Card Purchases	0.00	346.37	
1099 - 2021.03-1	Invoice	03/04/2021	Credit Card Purchases	0.00	87.88	
1099 - 2021.07	Invoice	08/05/2021	Credit Card Purchases	0.00	212.34	
1099-2021.02	Invoice	03/05/2021	Credit Card Purchases	0.00	122.00	
1099-2021.03	Invoice	04/05/2021	Credit Card Purchases	0.00	58.36	
2021.08.10	Invoice	08/10/2021	BB&T Credit Card	0.00	716.38	
00179	BB&T - Riechers	08/27/2021	Bank Draft	0.00	552.42	DFT0000954
5532 - 2021.07	Invoice	08/05/2021	Credit Card Purchases	0.00	552.42	
00183	BB&T - Smith	08/27/2021	Bank Draft	0.00	933.59	DFT0000955
9968 - 2021.07	Invoice	08/05/2021	Credit Card Purchases	0.00	933.59	
00184	BB&T - Strickland	08/27/2021	Bank Draft	0.00	86.39	DFT0000956
8622 - 2021.07	Invoice	08/05/2021	Credit Card Purchases	0.00	28.12	
8622-2021.07.15	Invoice	07/15/2021	Credit Card Purchases Replace PRV	0.00	58.27	

Bank Code AP Bank Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	126	68	0.00	1,051,660.33
Manual Checks	0	0	0.00	0.00
Voided Checks	0	1	0.00	-510.66
Bank Drafts	39	18	0.00	8,200,143.88
EFT's	1	1	0.00	191,423.74
	166	88	0.00	9,442,717.29

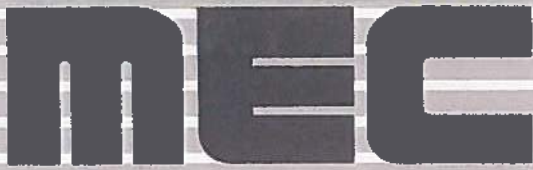
All Bank Codes Check Summary

Payment Type	Payable Count	Payment Count	Discount	Payment
Regular Checks	126	68	0.00	1,051,660.33
Manual Checks	0	0	0.00	0.00
Voided Checks	0	1	0.00	-510.66
Bank Drafts	39	18	0.00	8,200,143.88
EFT's	1	1	0.00	191,423.74
	166	88	0.00	9,442,717.29

Fund Summary

Fund	Name	Period	Amount
99	Pooled Cash	8/2021	9,442,717.29
			9,442,717.29

ITEM C



Murfee Engineering Company

August 31st, 2021

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 County Line 1308 Pump Station 1340 Conversion
Contractor's Application for Payment No. 7**

Mr. Roberts and Board:

Enclosed is Application for Payment No. 7 from Payton Construction, Inc. for the period ending August 31st, 2021. We have reviewed this application for payment, concur with the items and quantities, and recommend approval and payment in the amount of ninety-three thousand one hundred ninety-four dollars and five cents (\$93,194.05). This application for payment is broken down as follows:

Original Contract Price:	\$1,549,710.00
Change Orders No. _ to _:	\$0.00
Contract Price with Change Orders	\$1,549,710.00
Total Completed and stored to Date:	\$614,608.67
Retainage (5%):	\$30,730.43
Amount Due this Application:	\$93,194.05
Balance to Finish, Plus Retainage:	\$965,831.76

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

Sincerely,

A handwritten signature in blue ink that reads 'Jason Baze'.

Jason Baze, P.E.
Project Manager

cc: Jennifer Reichers – WTCPUA
MEC File No. 11051-135

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

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

PROJECT: County Line 1308 Pump Station 1340 Conversion
12004 1/2 West U.S. 290 Hwy.
Austin, Texas 78737

APPLICATION NO: 7
APPLICATION DATE: 08/31/21
PERIOD TO: 07/28/21 to 08/31/21
PCI JOB NO: 229

Distribution to:

<input checked="" type="checkbox"/>	OWNER
<input checked="" type="checkbox"/>	ENGINEER
<input type="checkbox"/>	CONTRACTOR
<input type="checkbox"/>	
<input type="checkbox"/>	

CONTRACTOR: Payton Construction, Inc.
P.O. Box 1734
Wimberley, Texas 78676

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

CONTRACT DATE: 01/20/21 **NOTICE TO PROCEED:** 02/01/21 **COMPLETION DATE:** 12/23/21 **CONTRACT TIME:** 325 CD **CONTRACT TIME USED:** 212 CD

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	\$ 1,549,710.00
2. NET CHANGE BY CHANGE ORDERS	\$ 0.00
3. CONTRACT SUM TO DATE (Line 1 + 2)	\$ 1,549,710.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	\$ 614,608.67
5. RETAINAGE:	
a. 5% of Completed Work (Column D + E on G703)	\$ 27,910.50
b. 5% of Stored Material (Column F on G703)	\$ 2,819.93
TOTAL RETAINAGE (Lines 5a + 5b or Total in Column J of G703)	\$ 30,730.43
6. TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total)	\$ 583,878.24
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$ 490,684.19
8. CURRENT PAYMENT DUE	\$ 93,194.05
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	\$ 965,831.76

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$0.00	\$0.00
Total changes approved this month by Owner	\$0.00	\$0.00
Totals	\$0.00	\$0.00
Net Changes by Change Order	\$0.00	

CONTRACTOR'S CERTIFICATION

The undersigned Contractor certifies, to the best of its knowledge, the following:

- (1) All previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with the Work covered by prior Applications for Payment
- (2) Title to all Work, materials and equipment incorporated in said work, or otherwise listed in or covered by this Application for Payment, will pass to Owner at time of payment free and clear of all Liens, security interests, and encumbrances (except such as are covered by a bond acceptable to Owner indemnifying Owner against any such Liens, security interest, or encumbrances); and
- (3) All the Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

Contractor Signature

By: Paul C. Flippo

Date: 08/31/21

State of: Texas

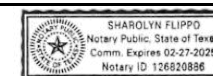
County of: Hays

Subscribed and sworn to before me this

31st day of August, 2021.

Notary Public: Sharolyn Flippo

My Commission expires: 02/27/2025



Payment is recommended by:

Blake West

(Construction Inspector)

Date: 08/31/2021

Payment is recommended by:

(Engineer)

Date: _____

Payment is approved by:

(Owner)

Date: _____

CONTINUATION SHEET

AIA DOCUMENT G703

PROJECT: WTCPUA - County Line 1308 Pump Station 1340 Conversion

OWNER: West Travis County Public Utility Agency

ENGINEER: Murfee Engineering Company, Inc.

CONTRACTOR: Payton Construction, Inc.

APPLICATION NO: 7

APPLICATION DATE: 08/31/21

PAYMENT PERIOD FRO 07/28/21 to 08/31/21

PCI PROJECT NO: 229

A	B	C	D	E	F	G	H	I	J
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED (NOT IN D OR E)	TOTAL COMPLETED AND STORED TO DATE (D+E+F)	%(G ÷ C)	BALANCE TO FINISH (C - G)	RETAINAGE (IF VARIABLE RATE)
			FROM PREVIOUS APPLICATION (D + E)	THIS PERIOD					
E-1	205 SY - Limits of Construction Restoration	4,100.00	1,025.00	0.00	0.00	1,025.00	0.25	3,075.00	51.25
E-2	215 LF - Silt Fence	860.00	860.00	0.00	0.00	860.00	1.00	0.00	43.00
W-1	1 LS - Pump Station Building	212,000.00	44,423.00	88,499.00	11,238.67	144,160.67	0.68	67,839.33	7,208.03
W-2	1 LS - Installation of Fourth Pump Can	23,000.00	23,000.00	0.00	0.00	23,000.00	1.00	0.00	1,150.00
W-3	3 EA. - 1500 GPM Vertical Turbine Pumps	384,000.00	53,760.00	0.00	0.00	53,760.00	0.14	330,240.00	2,688.00
W-4	3 EA. - 12" Pump Control Valve	84,000.00	75,600.00	8,400.00	0.00	84,000.00	1.00	0.00	4,200.00
W-5	4 EA. - 12" Resilient Wedge Gate Valve	12,000.00	10,800.00	1,200.00	0.00	12,000.00	1.00	0.00	600.00
W-6	4 EA. - 16" Resilient Wedge Gate Valve	40,000.00	40,000.00	0.00	0.00	40,000.00	1.00	0.00	2,000.00
W-7	1 EA. - 24" Insert Valve	78,000.00	13,000.00	0.00	0.00	13,000.00	0.17	65,000.00	650.00
W-8	40 LF - 16" Suction Piping	16,000.00	16,000.00	0.00	0.00	16,000.00	1.00	0.00	800.00
W-9	35 LF - 24" Suction Piping	29,750.00	29,750.00	0.00	0.00	29,750.00	1.00	0.00	1,487.50
W-10	30 LF - 12" Discharge Piping	48,000.00	48,000.00	0.00	0.00	48,000.00	1.00	0.00	2,400.00
W-11	1 LS - Tie-in to Discharge Header	11,000.00	11,000.00	0.00	0.00	11,000.00	1.00	0.00	550.00
W-12	1 LS - Demolition and Removal Work	17,000.00	14,900.00	0.00	0.00	14,900.00	0.88	2,100.00	745.00
W-13	1 LS - Temp. Support of Exist. Electrical Equipment	4,000.00	4,000.00	0.00	0.00	4,000.00	1.00	0.00	200.00
W-14	1 LS - Install 16" Wafer Check Valve in EST	5,000.00	100.00	0.00	0.00	100.00	0.02	4,900.00	5.00
M-1	1 LS - HVAC System	160,000.00	2,000.00	0.00	45,160.00	47,160.00	0.29	112,840.00	2,358.00
EL-1	1 LS - Electrical Service Upgrade	6,000.00	100.00	0.00	0.00	100.00	0.02	5,900.00	5.00
EL-2	1 LS - Electrical Work	330,000.00	70,793.00	0.00	0.00	70,793.00	0.21	259,207.00	3,539.65
EL-3	1 LS - SCADA and Programming	85,000.00	1,000.00	0.00	0.00	1,000.00	0.01	84,000.00	50.00
	TOTAL	1,549,710.00	460,111.00	98,099.00	56,398.67	614,608.67	0.40	935,101.33	30,730.43

Bidding Requirements, Contract Forms & Conditions of the Contract
Supplemental General Conditions – Section 00810

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

THE STATE OF TEXAS §
 §
COUNTY OF TRAVIS §

BEFORE ME, the undersigned authority, on this day personally came and appeared
 Wendell W. Payton, known to me to be a credible person, and
 President of Payton Construction, Inc.
____, a Texas Corporation (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 of 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 County Line 1308 Pump Station 1340 Conversion (the "Facilities") as more particularly described in that one certain Standard Form of Agreement by and between WTCPUA (the "Owner"), and Payton Construction, Inc.
____ (the "Contractor") dated January 20, 2021.

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 07/27/21,
____ (the "Release Date").

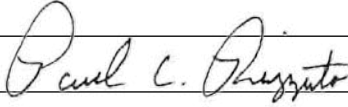
5. In consideration of the payment by Owner of all said sums and other good and valuable consideration, the receipt of all of which is hereby acknowledged, Contractor has waived and released and, acting herein by and through me, does hereby waive and release, any and all liens, rights and interests (whether 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

Bidding Requirements, Contract Forms & Conditions of the Contract
Supplemental General Conditions – Section 00810

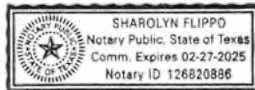
in connection with any construction or work on the Land or the Facilities up to and including the Release Date have been fully paid and satisfied and Contractor does further warrant, represent and guarantee that if for any reason a claim or claims of a lien or liens are filed for materials furnished 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 31st day of August, 2021.

CONTRACTOR Payton Construction, Inc.
By: 
Print Name: Paul A. Rizzuto
Title: Project Manager

THE STATE OF TEXAS §
 §
COUNTY OF HAYS §

SWORN TO AND SUBSCRIBED BEFORE ME on this 31st day of August, 2021




Notary Public in and for the State of Texas
Printed Name: Sharolyn Flipppo
My Commission Expires: February 27, 2025

ATTACH:
Exhibit A - List of Subcontractors

Bidding Requirements, Contract Forms & Conditions of the Contract
Supplemental General Conditions – Section 00810

SUBCONTRACTOR'S PARTIAL LIEN WAIVER

THE STATE OF TEXAS §
 §
COUNTY OF TRAVIS §

BEFORE ME, the undersigned authority, personally appeared _____
who, being by me duly sworn, states as follows:

Tina Morales-Eldridge

I.

My name is Tina Morales-Eldridge. I am, Pres. of G.P. of
T. Morales Company (hereinafter referred to as "Subcontractor").

Subcontractor has provided materials or performed work in conjunction with the construction of facilities known as WTCPUA County Line 1308 Pump Station 1340 Conversion (the "Facilities") as more particularly described in that one certain Standard Form of Agreement by and between WTCPUA (the "Owner"), WTCPVA and Payton Construction ("Contractor"), dated 1-22-2021.

II.

For and in consideration of the payment to Subcontractor of the sum of \$ 12,301.00 now due and owing for the construction of the Facilities as reflected in Subcontractor's invoice number PAP 4 ("Progress Payment"), Subcontractor does hereby waive and release any and all liens (and all rights to hereafter perfect any lien) on the Facilities and on any property on which the Facilities are located (collectively, the Facilities and such property are referred to herein as the "Property") for any work performed or materials supplied prior to July 30, 2021 (the "Release Date"). This release and waiver of liens is effective for all labor, materials, specially fabricated materials and/or services furnished up to and including the Release Date, and further the undersigned states that all persons, parties and entities that have furnished or performed work and/or furnished materials, specially fabricated materials, and supplies for use in connection with the construction of the Facilities through the Release Date claiming through or under the undersigned will be fully paid all amounts that may be due and owing (to the extent not already paid) and the undersigned does hereby agree to hold the Owner and any lending institution advancing funds in reliance hereon, harmless from any loss, cost or expense incurred by virtue of any claims against them on account of the unpaid bills for labor performed or materials furnished by any such party. The total amount paid to the Subcontractor for the Facilities, including the Progress Payment is \$ 47,023.00.

Bidding Requirements, Contract Forms & Conditions of the Contract
Supplemental General Conditions – Section 00810

IN WITNESS WHEREOF, the undersigned has caused these presents to be duly executed this the 2 day of September, 2021.

T. Morales Company
(SUBCONTRACTOR)

By: Tina Morales-Eldridge
Print Name: Tina Morales-Eldridge
Title: Pres. of G.P.

SWORN TO AND SUBSCRIBED BEFORE ME this 2 day of Sept, 2021.

Notary Public, State of Texas

THE STATE OF TEXAS §
 §
COUNTY OF TRAVIS §

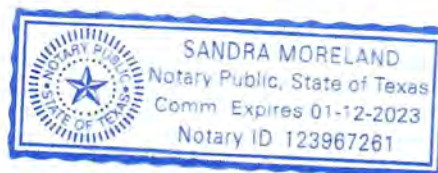
This instrument was acknowledged before me on the 2 day of Sept, 2021 by Tina Morales-Eldridge, Pres. of G.P. of T. Morales Company, a LTD, on behalf of said Company.

Sandra Moreland

Notary Public in and for the State of Texas

Printed Name: Sandra Moreland

My Commission Expires: 1/12/2023



Bidding Requirements, Contract Forms & Conditions of the Contract
Supplemental General Conditions – Section 00810

Exhibit "A"
List of Subcontractors

1. T. Morales Company _____
2. Pump Solutions, Inc. _____
3. Water Damage Roofing of Austin _____
4. Diamondback Mechanical Group _____
5. JW Brick _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____



Murfee Engineering Company

September 9th 2021

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 SWP GSTs
Contractor's Application for Payment No. 13**

Mr. Roberts and Board:

Enclosed is Application for Payment No. 12 from DN Tanks, Inc. for the period ending July 28th, 2021. We have reviewed this application for payment, conducted site observations, concur with the items and quantities, and recommend approval and payment in the amount of three hundred and ninety-eight thousand, three hundred and twenty three dollars and eighty cents (\$398,323.80). This application for payment is broken down as follows:

Original Contract Price:	\$3,242,374.40
Net Change by Change Orders:	\$694.46
Current Contract Price:	\$3,243,068.86
Total Completed and Stored to Date:	\$2,695,085.40
Retainage (5%):	\$134,754.27
Amount Due this Application:	\$266,000.81
Balance to Finish, Plus Retainage:	\$682,737.73

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

Sincerely,

A handwritten signature in blue ink that reads 'Jason Baze'. The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Jason Baze, P.E.

cc: Jennifer Riechers – WTCPUA
MEC File No. 11051.146

APPLICATION AND CERTIFICATION FOR PAYMENT

AIA DOCUMENT G702

TO OWNER: WEST TRAVIS COUNTY PUA 13215 Bee Cave Pkwy Bldg. B, Suite 110 Bee Cave, TX 78738		PROJECT: AUSTIN, TX (WTC PUA SWPKWY GST) 10710 1/2 W. SH 71 Austin, TX 78735		APPLICATION NO: 13 DATE: 8/24/2021
FROM CONTRACTOR: DN Tanks, Inc PO BOX 670690 DALLAS, TX 75267-0690		Contractor Job Number: 2020-024 VIA ENGINEER: Murfee Engineering Co., Inc.		PERIOD TO: 8/28/2021 Engineer's Project No. 11051.110/146
Phone: 781-246-1133		CONTRACT FOR: WTCPUA Southwest Parkway Ground Storage Tank		CONTRACT DATE: 7-27-20

CONTRACTOR'S APPLICATION FOR PAYMENT

CONTRACTOR'S CERTIFICATION

The undersigned Contractor certifies that: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

1. ORIGINAL CONTRACT SUM	\$	3,242,374.40
2. Net change by Change Orders	\$	694.46
3. CONTRACT SUM TO DATE (Line 1 + 2)	\$	3,243,068.86
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	\$	2,695,085.40
5. RETAINAGE:		
a. 5 % of Completed Work (Column D + E on G703)	\$	\$134,754.27
b. % of Stored Material (Column F on G703)	\$	
Total Retainage (Lines 5a + 5b or Total in Column I of G703)	\$	134,754.27
TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total)	\$	2,560,331.13
6. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	\$	2,294,330.32
8. CURRENT PAYMENT DUE	\$	266,000.81
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6)	\$	682,737.73

By: John Kimmons (Project Manager) Date: 08/31/2021

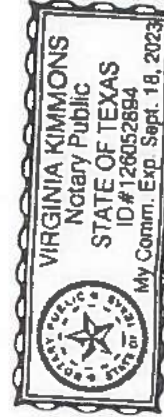
State of Texas County of Dallas
 Subscribed and sworn to before me this 31 day of August 2021
 Notary Public: Virginia Kimmons
 My Commission expires: 9-18-23

Payment is recommended by: Scott Beardsworth (Construction Inspector [if applicable])
 Date: 08/31/2021

Payment is recommended by: [Signature] (Engineer)
 Date: 9/9/2021

Payment is Approved by: _____ (Owner)
 Date: _____

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		\$16,908.46	(\$16,214.00)
Total approved this Month			
TOTALS		\$16,908.46	(\$16,214.00)
NET CHANGES by Change Order			\$694.46



To Owner: WEST TRAVIS COUNTY PUA

From (Contractor): DN Tanks, Inc.

Project: Southwest Parkway Ground Storage Tank

Location: Austin, TX

Application No: 13

Contractor's Job Number: 2020-024

Engineer's Project No: 11051.110/146

Date: 8/24/2021

Period To: 8/28/2021

Item Number	Description	Unit Price	Contract Quantity / UM	Scheduled Value	Work Completed Previous Application		Work Completed This Period		Completed and Stored To Date			Retention
					Quantity	Amount	Quantity	Amount	Quantity	Amount	%	
E-1 2000	LOC Restoration	34,502.40	1.000 EA	34,503.00	0.10	3450.24	0.00	0.00	0.10	3,450.24	10%	172.51
Total				34,503.00		3,450.24		0.00		3,450.24	10%	172.51
E-2 2000	Silt Fence	4,716.00	1.000 EA	4,716.00	0.90	4244.40	0.00	0.00	0.90	4,244.40	90%	212.22
Total				4,716.00		4,244.40		0.00		4,244.40	90%	212.22
E-3 2000	Stabilized Construction Entrance	3,600.00	1.000 EA	3,600.00	0.90	3240.00	0.00	0.00	0.90	3,240.00	90%	162.00
Total				3,600.00		3,240.00		0.00		3,240.00	90%	162.00
W-1	Ground Storage Tank	1,251,599.00	1.000 LS	1,251,599.00	0.982	1,228,994.90	0.010	12,356.10	0.992	1,241,351.00	99.2%	62067.55
Total				1,251,599.00		1,228,994.90	0.010	12,356.10		1,241,351.00	99.2%	62,067.55
W-2 2010	16" Water Line	34,626.00	1.000 LS	34,626.00	1.00	7000.00	0.00	0.00	1.00	34,626.00	100%	1731.30
Total				34,626.00		7,000.00		0.00		34,626.00	100%	1,731.30
W-3 2010	20" Water Line	19,720.00	1.000 LS	19,720.00	1.00	19720.00	0.00	0.00	1.00	19,720.00	100%	986.00
Total				19,720.00		19,720.00		0.00		19,720.00	100%	986.00
W-4 2010	20" Tie-In Infrastructure	3,600.00	1.000 LS	3,600.00	1.00	3600.00	0.00	0.00	1.00	3,600.00	100%	180.00
Total				3,600.00		3,600.00		0.00		3,600.00	100%	180.00
W-5 2010	16" Tie-In Infrastructure	2,200.00	1.000 LS	2,200.00	1.00	2200.00	0.00	0.00	1.00	2,200.00	100%	110.00
Total				2,200.00		2,200.00		0.00		2,200.00	100%	110.00
W-6 2010	In-Tank Hydrodynamic Mixer	154,800.00	1.000 LS	154,800.00	1.00	154800.00	0.00	0.00	1.00	154,800.00	100%	7740.00
Total				154,800.00		154,800.00		0.00		154,800.00	100%	7,740.00
W-7 2010	47' x 3.5' Drainage Flume	64,131.99	1.000 LS	64,131.99	0.00	0.00	0.00	0.00	0.00	0.00	0%	0.00
Total				64,131.99		0.00		0.00		0.00	0%	0.00
W-8 2010	Tree Removal	5,800.00	1.000 LS	5,800.00	1.00	5800.00	0.00	0.00	1.00	5,800.00	100%	290.00
Total				5,800.00		5,800.00		0.00		5,800.00	100%	290.00
W-9 2020	Demolition and Removal of Existing GST	50,500.00	1.000 LS	50,500.00	1.00	50500.00	0.00	0.00	1.00	50,500.00	100%	2525.00
Total				50,500.00		50,500.00		0.00		50,500.00	100%	2,525.00
EL-1 2020	Electrical Work	46,600.00	1.000 LS	46,600.00	1.00	46600.00	0.00	0.00	1.00	46,600.00	100%	2,330.00
Total				46,600.00		46,600.00		0.00		46,600.00	100%	2,330.00
TS-1 2020	Trench Safety	3,060.00	1.000 LS	3,060.00	1.00	3060.00	0.00	0.00	1.00	3,060.00	100%	153.00
Total				3,060.00		3,060.00		0.00		3,060.00	100%	153.00
TS-2 2020	Temporary Fencing	536.00	1.000 LS	536.00	1.00	536.00	0.00	0.00	1.00	536.00	100%	26.80
Total				536.00		536.00		0.00		536.00	100%	26.80
AL-1	AL-1 Ground Storage Tank #2	1,559,900.40	1.000 LS	1,559,900.40	0.547	853,713.01	0.172	267,644.75	0.719	1,121,357.76	71.9%	56067.89
	CO#3 GST2 outlet reorientation	3,176.47	1.000 LS	3,176.47	0.45	1429.41	0.00	0.00	0.45	1,429.41	45%	71.47
Total				1,563,076.87		853,713.01		267,644.75		1,121,357.76	71.7%	56,067.89
Application Total				3,243,068.86		2,387,458.55		280,000.85		2,695,085.40		134,754.27

Bidding Requirements, Contract Forms & Conditions of the Contract
Supplemental General Conditions – Section 00810

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

THE STATE OF TEXAS §
 §
COUNTY OF TRAVIS §

BEFORE ME, the undersigned authority, on this day personally came and appeared Adrian Domek, known to me to be a credible person, and a Project Manager of DN Tanks, Inc.

__, a _____ (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 of 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 Southwest Parkway GST (the "Facilities") as more particularly described in that one certain Standard Form of Agreement by and between WTCPUA (the "Owner"), and DN Tanks _____ (the "Contractor") dated July 27, 2020.

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 July 28, 2021 (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

Bidding Requirements, Contract Forms & Conditions of the Contract
Supplemental General Conditions – Section 00810

in connection with any construction or work on the Land or the Facilities up to and including the Release 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 31st day of August, 2021.

CONTRACTOR DN Tanks, Inc

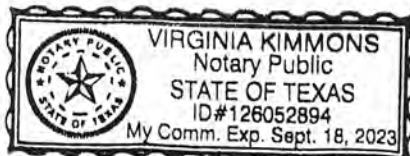
11 Teal Rd. Wakefield, MA 01880

By: *Adrian Domek*

Print Name: Adrian Domek

Title: Project Manager

SWORN TO AND SUBSCRIBED BEFORE ME on this 31st day of August, 2021



Virginia Kimmons
Notary Public in and for the State of Texas

Printed Name: VIRGINIA KIMMONS

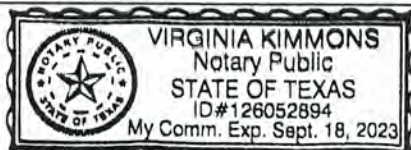
My Commission Expires: 9.18.23

THE STATE OF TEXAS §

§

COUNTY OF TRAVIS §

This instrument was acknowledged before me on the 31 day of August,
_____ by _____, _____ of
_____ a _____ on behalf of said



Virginia Kimmons
Notary Public in and for the State of Texas

Printed Name: VIRGINIA KIMMONS

My Commission Expires: 9.18.23

ATTACH:

Exhibit A - List of Subcontractors

Bidding Requirements, Contract Forms & Conditions of the Contract
Supplemental General Conditions – Section 00810

Exhibit "A"
List of Subcontractors

1. Mesa Contracting, LLC
2. Premium Gutters, Inc.
3. Martin Marietta
4. H&H Electrical Services, LLC
5. Red Valve Company, Inc
6. Iseler Demolition, Inc
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

ITEM D



WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY

13215 Bee Cave Parkway
Building B, Suite 110
Bee Cave, Texas 78738
Office: 512/263-0100
Fax: 512/263-2289
wtcpua.org

DRAFT

September 16, 2021

Mr. Dan Brown, P.E.
Malone Wheeler, Inc.
5113 Southwest Pkwy., Ste 260
Austin, TX 78735

Re: Julep Commercial Park
W US 290
Austin, TX 78737

Dear Mr. Brown:

The West Travis County Public Utility Agency (WTCPUA) has completed its review of requested water service for a mixed-use, commercial development. Service Availability for thirty-six (36) LUE's of water allocation is approved subject to the Developer complying with the Service Extension Request (SER) Conditions below:

SER CONDITIONS

1. The Developer enters into a Non-Standard Water Service Agreement with the WTCPUA for thirty-six (36) LUE's of water service within three (3) months of the date of the letter.
2. Developer shall construct, at Developer's sole cost and expense, all facilities relating to the Proposed Development, including the Developer Facilities, in compliance with the WTCPUA Rules and Policies. Developer shall submit all Plans and Specifications for all facilities relating to the Proposed Development, including the Developer Facilities, including any phase or portion thereof, to the WTCPUA for review and approval prior to commencement of construction. Construction of all facilities relating to the Proposed Development including the Developer Facilities shall be subject to all WTCPUA Rules and Policies.
3. Prior to release of plans for construction, the Developer shall pay all required engineering review fees, legal fees, and inspection fees relating to all tasks required by the WTCPUA to provide service to the Proposed Development.
4. The WTCPUA inspects and accepts the facilities per the approved construction plans and specifications.
5. The Developer, at its sole cost and expense, grants to the WTCPUA all on-site and off-site easements necessary for the WTCPUA to own and operate the facilities.
6. Prior to release of water meters for the Proposed Development, the Developer shall submit close out documents including a final plat and executed easements in a form and manner acceptable for WTCPUA

DRAFT

recording per the attached WTCPUA close out check list, an executed Conveyance Agreement in a form and manner acceptable to the WTCPUA and pay all applicable fees due including engineering review fees and legal fees.

7. The Developer and/or Retail Customers shall pay all fees for each new service connection in the Proposed Development, including but not limited to tap fees, meter drop-in fees and Impact Fees.
8. Developer shall pay the WTCPUA annual Water Reservation Fees as applicable per WTCPUA Tariff and policies.
9. The Developer shall follow and comply with all applicable WTCPUA Tariff, policies, rules and regulations pertaining to water service, as amended from time to time by the WTCPUA Board of Directors.
10. The Developer will be required to secure a Legal Lot Determination from Hays County or secure an approved subdivision plat in Hays County, Texas for the Property within four (4) years from the date of this letter.
11. Provisions of water service to the Property by the WTCPUA shall become null and void if final construction plans have not been approved by the WTCPUA for the Project within four (4) years from the date of this letter.
12. The Developer shall adopt one of the alternative water quality measures required of the new development as specified in that certain "Memorandum of Understanding" between the LCRA and the United States Fish and Wildlife Service (USFWS), dated May 24, 2000 (MOU) and the "Settlement Agreement and Stipulation of Dismissal" from the lawsuit, Hays County Water Planning Partnership, et. al. vs. Lt. General Robert B. Flowers, U.S. Army Corps of Engineers, Thomas E. White, Secretary of the Army, Gale Norton, Secretary of the Department of the Interior, and the Lower Colorado River authority, W.D. Tex. 2002 (No. AOOCA 826SS) (Settlement Agreement) including:
 - a. Measures approved by the USFWS through separate Section 7 consultation, or other independent consultation;
 - b. TCEQ optional enhanced measures, Appendix A and Appendix B to RG-348; or
 - c. U.S. Fish and wildlife Service Recommendations for Protection of Water Quality of the Edwards Aquifer dated September 1, 2000;

Please be advised that if, for any reason, system capacity is exceeded prior to connection to the system, then this property is subject to a moratorium of any additional connections which may be declared. Also, please be advised that WTCPUA will not provide direct fire flow service to the Property and, as such, the Developer may be required to install and maintain fire service facilities needed to meet local fire code regulations and requirements.

If you have any questions concerning this matter, please contact Reuben Ramirez at 512-263-0100.

Sincerely,

Jennifer Riechers
General Manager

Mr. Dan Brown, P.E.

Page 3

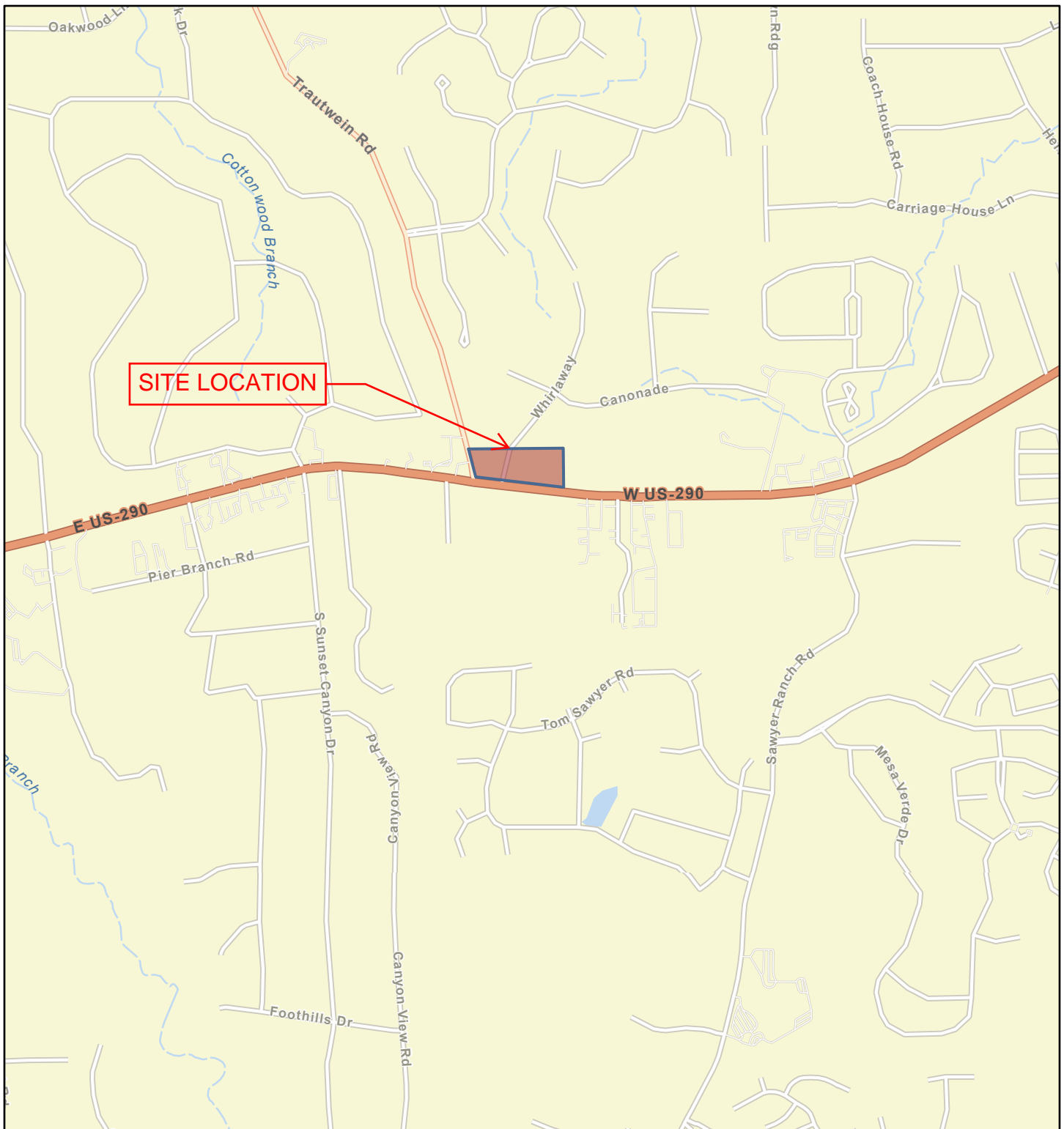
September 16, 2021

DRAFT

Cc: Reuben Ramirez
Jennifer Smith
Keli Kirkley
Jennifer Riechers
Tricia Altamirano
George Murfee, Murfee Engineering Inc.
Stephanie Albright, Lloyd Gosselink Rochelle & Townsend, P.C.

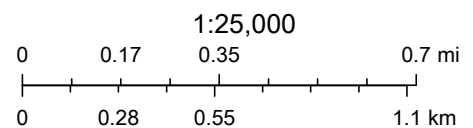
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Julep Commercial Park-Vicinity Map



CIVIL ENGINEERING ★ DEVELOPMENT CONSULTING ★ PROJECT MANAGEMENT

5113 Southwest Pkwy, Suite 260
Austin, Texas 78735
Phone: (512) 899-0601 Fax: (512) 899-0655
Firm Registration No. F-786



Texas Parks & Wildlife, Esri, HERE, Garmin, SafeGraph, INCREMENT P, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA

**AGREEMENT FOR THE PROVISION OF NONSTANDARD
RETAIL WATER SERVICE
(JULEP COMMERCIAL PARK)**

This Agreement for the Provision of Nonstandard Retail Water Service (the “Agreement”) is entered into by and between the West Travis County Public Utility Agency (the “WTCPUA”) a public utility agency operating pursuant to Chapter 572, Texas Local Government Code, and Kelly Gray Investments, LLC (“Developer”). Unless otherwise specified, the term “Parties” shall mean the WTCPUA and Developer, collectively.

WHEREAS Developer currently owns and plans to develop approximately 11.27 acres of land within the WTCPUA’s water service area as shown on the attached **Exhibit A** (the “Proposed Development”); and

WHEREAS Developer desires to obtain retail water service to the Proposed Development.

WHEREAS Developer and the WTCPUA desire to enter into this Agreement to set forth the terms and conditions upon which the WTCPUA will provide retail water service to the Proposed Development; and

NOW, THEREFORE, in consideration of the terms, conditions, and covenants contained in this Agreement, and for other good and valuable consideration, the receipt and sufficiency of which are acknowledged, the Parties agree to the following:

ARTICLE I

DEFINITIONS, HEADINGS AND INTERPRETATION

Section 1.1 **Definition of Terms**: In addition to the terms defined in the Recitals above, the words and phrases as used in this Agreement shall have the meanings set forth below:

- (a) “Agreement” shall mean this Agreement, its attachments, exhibits, and matters included by reference, and any amendment or supplement thereto.
- (b) “Assignee” shall mean any person or entity who receives an express assignment of the rights of either Party and expressly assumes such Party’s duties and responsibilities with respect to this Agreement as provided in Section 6.2 herein.
- (c) “Developer” shall mean Kelly Gray Investments, LLC or its Assignees.
- (d) “Developer Deposit” shall mean the payment made by Developer as specified in Section 3.2 herein.
- (e) “Developer Facilities” shall mean those facilities to be constructed by Developer pursuant to this Agreement that are required to extend water service from the WTCPUA System to the Proposed Development as described on the attached **Exhibit B**.

- (f) “Effective Date” shall mean the date of the last signature to this Agreement.
- (g) “Impact Fees” shall mean those impact fees for water service collected by the WTCPUA and used to fund and reserve capacity in the WTCPUA’s central water facilities that are identified in the WTCPUA’s ten-year capital improvements plans as adopted and amended by the WTCPUA Board of Directors from time to time.
- (h) “LUE” or “Living Unit Equivalent” shall mean the measurement used in the WTCPUA Rules and Policies to determine the amount of water service usage per connection for its Retail Customers.
- (i) “Reservation Fee” shall mean an annual fee imposed pursuant to the WTCPUA’s Rules and Policies, as amended from time to time, to reserve water capacity in the WTCPUA System.
- (j) “Reservation Period” shall mean a four (4) year period commencing on the date of the Written Service Commitment.
- (k) “Retail Customer” shall mean a person or entity applying for an individual retail water service connection located in the Proposed Development.
- (l) “Written Service Commitment” shall mean the service availability letter issued to Developer approving the service extension request for the Proposed Development.
- (m) “WTCPUA” shall mean the West Travis County Public Utility Agency or its Assignees.
- (n) “WTCPUA Rules and Policies” shall mean the WTCPUA’s rules and policies adopted by its Board of Directors governing the provision of retail water and wastewater service to Retail Customers and related matters, including the WTCPUA Rate Tariff and Service and Development Policies.
- (o) “WTCPUA System” shall mean the WTCPUA’s existing water treatment and distribution facilities and wastewater collection, treatment and disposal facilities used by the WTCPUA to provide retail potable water service and retail wastewater service within its service area, including, but not limited to its raw water intake, water treatment plant, water storage tank and pumping facilities, wastewater collection lines, lift stations, treatment and disposal facilities, and related facilities.

Section 1.2 Article and Section Headings. The headings and titles of the several articles and sections of this Agreement are solely for convenience and reference and shall not affect the meaning, construction or effect of the provisions hereof.

Section 1.3 Interpretation. The singular form of any word used herein shall include the plural, and vice-versa, unless the context requires otherwise. The use of a word of any gender herein shall include all other genders, unless the context requires otherwise. This Agreement and

all of the terms and provisions hereof shall be construed so as to effectuate the purposes contemplated hereby and to sustain the validity hereof.

ARTICLE II **SERVICE COMMITMENT**

Section 2.1 WTCPUA to Provide Service. For and in consideration of Developer's obligations, covenants and conditions set forth in this Agreement, WTCPUA and agrees to provide up to 36 LUEs of retail water service for Retail Customers located within the Proposed Development pursuant to the terms of this Agreement and the WTCPUA's Rules and Policies. In no event shall WTCPUA be obligated to provide retail water service to Retail Customers located within the Proposed Development that collectively exceed 36 LUEs.

Section 2.2 No Implied Waivers or Credits. Nothing in this Agreement shall be interpreted to waive service conditions for Retail Customers in the Proposed Development or otherwise grant credit to Developer or the Proposed Development or any portion thereof for any fee, charge, or payment, otherwise applicable under this Agreement or WTCPUA's Rules and Policies, except as provided in Section 4.2.

ARTICLE III **FACILITIES FOR THE PROPOSED DEVELOPMENT**

Section 3.1 Construction of Facilities. Developer shall construct, at Developer's sole cost and expense, all facilities relating to the Proposed Development, including the Developer Facilities, in compliance with the WTCPUA Rules and Policies. Developer shall submit all Plans and Specifications for all facilities relating to the Proposed Development, including the Developer Facilities, including any phase or portion thereof, to the WTCPUA for review and approval prior to commencement of construction. Construction of all facilities relating to the Proposed Development including the Developer Facilities shall be subject to all WTCPUA Rules and Policies. Further, the Developer, at its sole cost and expense, shall grant to the PUA all on-site and off-site easements necessary for the PUA to own and operate the facilities.

Section 3.2 Developer Deposit. As of the Effective Date, Developer has deposited with the WTCPUA the sum of \$5,000 ("Developer Deposit"), which shall be used to pay the WTCPUA's charges and fees as provided in Sections 5.14 through 5.17 of the WTCPUA Rules and Policies with respect to the extension of service to the Proposed Development. To the extent such charges and fees incurred for the Proposed Development exceed or are projected to exceed the amount of the Developer Deposit as specified above, the WTCPUA shall invoice Developer for such additional amounts and payment by Developer shall be due upon its receipt of such invoice. Delay by Developer in paying an invoice when due shall delay WTCPUA review and acceptance of any facility relating to the Proposed Development, including the Developer Facilities and the commencement of service to the Proposed Development. Any funds remaining in the Developer Deposit not used by the WTCPUA shall be reimbursed to Developer upon the commencement of service in accordance with Article IV.

ARTICLE IV
COMMENCEMENT OF SERVICE BY WTCPUA

Section 4.1 Conditions Precedent to Commencement of Facilities Construction or Service. Except as provided in Section 4.2, Developer and WTCPUA agree that the WTCPUA is not required to approve commencement of facilities construction or commence retail water service to a Retail Customer in the Proposed Development until Developer and/or a Retail Customer has complied with WTCPUA Rules and Policies including:

Prior to release of plans for construction, the Developer shall pay all required engineering review fees, legal fees, and inspection fees relating to all tasks required by the WTCPUA to provide service to the Proposed Development.

Prior to release of water meters for the Proposed Development, the Developer shall submit close out documents including a final plat and executed easements in a form and manner acceptable for WTCPUA recording per the WTCPUA close out check list, an executed Conveyance Agreement in a form and manner acceptable to the WTCPUA, and pay all applicable fees due including engineering review fees and legal fees. Further, the Developer and/or Retail Customers shall pay all fees for each new service connection in the Proposed Development, including but not limited to tap fees, meter drop in fees and Impact Fees as provided in Section 4.2.

Each customer within the Proposed Development is encouraged to install and maintain a customer service pressure reducing valve located on the water service line located outside the respective customer's meter box.

Section 4.2 Impact Fees. Developer and/or Retail Customers in the proposed development shall pay water Impact Fees as provided in Chapter 395 of the Texas Local Government Code prior to the commencement of service and setting of the retail meter to the Proposed Development. Developer shall pay water Impact Fees for a total of 36 LUEs.

Section 4.3. Reservation Fees. Developer shall annually pay Reservation Fees for water service during the Reservation Period. Reservation Fees shall be calculated by multiplying the current Reservation Fee as contained in the WTCPUA Rules and Policies at the time of each anniversary of the date of the Written Service Commitment times the number of unused LUEs reserved for the Developer pursuant to this Agreement. Developer shall calculate and pay annual Reservation Fees for reserved water LUEs on each annual anniversary of the commencement of the Reservation Period ("Due Date"). If Developer pays the Reservation Fees prior to or on the Due Date, the LUEs for which Reservation Fees have been paid will be considered to be in "reserved status" for the next contract year in the Reservation Period. Reservation Fees are non-refundable and non-reimbursable. If Reservation Fees are not paid on the Due Date, such nonpayment shall be an event of default. **If Developer fails to pay Reservation Fees on the Due Date, the WTCPUA may terminate this Agreement, with immediate effect, by giving notice to the Developer.** Any remaining LUEs for which Reservation Fees are not paid will no longer be considered in "reserved status" and such nonpayment will be considered a breach of contract and Developer may be subject to any and all penalties and remedies applicable to a breach of this Agreement.

Should Developer transfer or assign this Agreement, neither the reservation of nor right to reserve LUEs shall be automatically assigned to any future successor in interest of the Developer as a component of any assignment of this Agreement without express written consent of the WTCPUA.

Reservation Fees for the initial year of the Reservation Period must be paid not later than six (6) months from the date of the Written Service Commitment by the WTCPUA Board of Directors if a water meter or meters having up to 36 LUEs of water has not been installed in accordance to WTCPUA Rules and Policies. Any LUEs in reserved status, but which are connected and for which impact fees are paid during the six (6) month grace period, will be deducted from the number of LUEs for which the initial years' Reservation Fees are due.

Furthermore, the Developer agrees and understands that the WTCPUA's commitment of 36 LUEs of water service runs with and is assigned to the Proposed Development.

Section 4.4 **Right of Access.** Developer agrees to provide the WTCPUA with immediate access to the Developer Facilities, or any other portion of the Developer Facilities, when required for the WTCPUA to construct, install, operate, repair, maintain, replace, inspect, or upgrade the Developer Facilities.

ARTICLE V **TERM; DEFAULT**

Section 5.1 **Term; Termination.** This Agreement shall become effective upon the latest date of execution by either the Developer or the WTCPUA (the "Effective Date"). WTCPUA may terminate this agreement upon written notice to Developer for any of the 36 LUEs for which a Retail Customer has not requested service in accordance with the WTCPUA Rules and Policies by the fourth anniversary of the Effective Date. The Parties may extend the termination deadlines in this Section upon written amendment of this Agreement. Unless otherwise earlier terminated, this Agreement shall extend from the Effective Date for as long as the WTCPUA provides service to Retail Customers located in the Proposed Development.

Section 5.2 **Default.**

- (a) In the event that Developer defaults on or materially breaches any one or more of the provisions of this Agreement, other than the payment of Reservation Fees, the WTCPUA shall give Developer thirty (30) days to cure such default or material breach after the WTCPUA has made written demand to cure the same. A breach is material if Developer fails to meet or otherwise violates its obligations and responsibilities as set forth in this Agreement. If Developer fails to cure a breach or default involving the payment of money to WTCPUA within such thirty days or fails to cure or take reasonable steps to effectuate such a cure within thirty days if the breach or default does not involve the payment of money to WTCPUA and is not capable of being cured within thirty days, WTCPUA may terminate this Agreement upon written notice to Developer. Upon termination of this Agreement, including termination for nonpayment of Reservation Fees, WTCPUA will retain all payments made, if any, by Developer to the WTCPUA made under this Agreement and WTCPUA shall have no

duty to extend water service to Retail Customers within the Proposed Development after the date of termination. If any default is not capable of being cured within thirty (30) days, then WTCPUA may not terminate this Agreement or exercise any other remedies under this Agreement so long as Developer diligently and continuously pursues curative action to completion.

- (b) In the event that WTCPUA defaults on or materially breaches any one or more of the provisions of this Agreement, Developer shall give WTCPUA thirty (30) days to cure such default or material breach after Developer has made written demand to cure the same and before Developer files suit to enforce the Agreement. In the event of default by WTCPUA, Developer may, as its sole and exclusive remedy either: (a) seek specific performance or a writ of mandamus from a court of competent jurisdiction compelling and requiring WTCPUA and its officers to observe and perform their obligations under this Agreement; or (b) if specific performance and a writ of mandamus are barred by governmental immunity, then pursue all other legal and equitable remedies. A breach is material if WTCPUA violates its obligations and responsibilities as set forth in this Agreement.

ARTICLE VI

GENERAL PROVISIONS

Section 6.1 **Entire Agreement.** This Agreement contains the complete and entire agreement between the Parties respecting the matters addressed herein, and supersedes any prior negotiations, agreements, representations and understandings, oral or written, if any, between the Parties respecting such matters. This Agreement may not be modified, discharged or changed in any respect whatsoever, except by a further agreement in writing duly executed by the Parties hereto.

Section 6.2 **Assignment.** Developer may assign this Agreement only with the express written consent of the WTCPUA, which consent shall not be unreasonably withheld. WTCPUA may assign this agreement, including to a successor organization created for the purpose of assuming all of the WTCPUA's assets and liabilities, including a water conservation and reclamation district created pursuant to Article XVI, Section 59 of the Texas Constitution.

Section 6.3 **Notices.** Written notice to the respective Parties pursuant to this Agreement must be in writing and may be given via regular U.S. Mail, via electronic mail or by hand delivery to the addresses of the Parties shown below. A notice shall be deemed delivered on the earlier of (1) the date actually received; or (2) three (3) days after posting in the U.S. Mail. Notice shall be provided to the following addresses:

WTCPUA: General Manager
West Travis County PUA
13215 Bee Cave Parkway
Building B, Suite 110
Bee Cave TX 78738

Email: jriechers@wtcpua.org

Copy to: Stefanie Albright
Lloyd Gosselink Rochelle & Townsend, PC
816 Congress Avenue Suite 1900
Austin, Texas 78701

Email: salbright@lglawfirm.com

Developer: _____

Email: _____

Section 6.4 Invalid Provision. Any clause, sentence, provision, paragraph or article of this Agreement held by a Court of competent jurisdiction to be invalid, illegal or ineffective shall not impair, invalidate or nullify the remainder of this Agreement, but the effect thereof shall be confined to the clause, sentence, provision, paragraph or article so held to be invalid, illegal, or ineffective.

Section 6.5 Applicable Law. This Agreement shall be construed under the laws of the State of Texas and all obligations of the Parties hereunder are performable in Travis County, Texas. Venue for any action arising under this Agreement shall be in Travis County, Texas.

Section 6.6 Time is of the Essence. Time shall be of the essence in this Agreement.

Section 6.7 Third Party Beneficiaries. Except as otherwise expressly provided herein, nothing in this Agreement, express or implied, is intended to confer upon any person, other than the Parties hereto and their heirs, personal representatives, successors and assigns, any benefits, rights or remedies under or by reason of this Agreement.

Section 6.8 Saturday, Sunday, or Legal Holiday. If any date set forth in this Agreement for the performance of any obligation or for the delivery of any instrument or notice should be on a Saturday, Sunday, or legal holiday, the compliance with such obligation or delivery shall be acceptable if performed on the next business day following such Saturday, Sunday or legal holiday. For purposes of this subparagraph, "legal holiday" shall mean any state or federal holiday for which financial institutions or post offices are generally closed in Travis County, Texas, for observance thereof.

Section 6.9 Counterparts. This Agreement may be executed simultaneously in one or more counterparts, each of which shall be deemed an original and all of which shall together constitute one and the same instrument.

Section 6.10 Exhibits. All recitals and all schedules and exhibits referred to in this Agreement are incorporated herein by reference and shall be deemed part of this Agreement for all purposes as if set forth at length herein.

Section 6.11 No Joint Venture, Partnership, Agency, Etc. This Agreement shall not be construed as in any way establishing a partnership or joint venture, express or implied agency, or employer-employee relationship between the Parties hereto.

[Signature pages to follow]

DRAFT

IN WITNESS WHEREOF, this instrument is executed on the Effective Date.

**WEST TRAVIS COUNTY PUBLIC UTILITY
AGENCY**

By: _____
Scott Roberts, President
Board of Directors

Date: _____

ATTEST:

By: _____
Walt Smith
Secretary/Treasurer

Date: _____

KELLY GRAY INVESTMENTS, LLC

By: _____

Name: _____

Title: _____

Date: _____

DRAFT

EXHIBIT A

DRAFT

EXHIBIT B
DEVELOPER FACILITIES

ITEM E



3203 Longhorn Blvd, Ste 101
Austin, TX 78758
(512)927-7100 Fax (512)927-7104

Cust # 150559

Quote

SalesRepIn	SalesRepOut	Quote #
jfo	jka	21705259-00
Quote Date	PO #	Page #
08/30/21		1
Date and Time Printed		
08/30/21 10:25 AM		

Ship To WEST TRAVIS COUNTY PUBLIC UTIL
12215 BEE CAVE RD, BLDG B
AUSTIN, TX 78738

Remit To THE REYNOLDS COMPANY
P.O. BOX 896689
CHARLOTTE, NC 28289-6689

Bill To WEST TRAVIS COUNTY PUBLIC UTIL
13215 BEE CAVE PKWY, BLDG B
STE 110
BEE CAVE, TX 78738

Instructions

Ship Point	Via	Terms
The Reynolds Company - RAUS	Common Carri	1%10daysN30

QUOTES ARE VALID FOR 30 DAYS ONLY

Pricing firm for 24 hrs. Subject to change based upon raw material cost.

Ln #	Product And Description	Quantity Quoted	Unit Price	Price UM	Amount (Net)
1	ALBR1783BMS06SGA A-B 1783-BMS06SGA STRATIX 5700 6 P 10/13 - Current projected ship date from factory.	8	1632.77	E	13062.16
2	ALBR1783BMS10CGA A-B 1783-BMS10CGA STRATIX 5700 10 9/9 - Current projected ship date from factory.	2	2245.52	E	4491.04
3	ALBR1783MMS10R A-B 1783-MMS10R STRATIX 5800 MANAGED SWITCH 10/13 - Current projected ship date from factory.	2	5155.00	E	10310.00
4	ALBR1783MMX8S A-B 1783-MMX8S 8 PORT FIBER SFP EXPN MDL 11/5 - Current projected ship date from factory.	2	1840.00	E	3680.00
5	ALBR1783SFP1GEXE A-B 1783-SFP1GEXE 1G EX SINGLE MODE FIBER SFP 9/9 - Current projected ship date from factory.	17	1670.00	E	28390.00
5	Lines Total	31		Subtotal	59933.20
				Quote Total	59933.20

Last Page

Quote

Customer Copy

Page 1 of 1

ITEM F

West Travis County Public Utility Agency
Bid Tabulation

Sludge Transportation and Disposal, RFB No. 2021-23
Period from October 1, 2021 to September 30, 2023

Bid Opening Date September 9, 2021
Bid Opening Start Time 2:00 PM
Opened By: Jennifer Riechers, General Manager
Tabulated By: Jennifer Riechers, General Manager

Bidder	Item			Awarded To
	Liquid Sludge	DeWatered Sludge Cake	Water Tight Box Rental	
	Gallon	Each	Each	
Wastewater Transport Services, LLC	.795 gal	\$ 675.00	\$ 50.00	X

The above is an exact tabulation of the bids received and funding has been verified.
Contract awarded to low bidder unless alternative selection with reason is notated above.
Contract to be executed/approved by the WTCPUA Board of Directors on September 16, 2021.



General Manager

9/9/21

Date

West Travis County Public Utility Agency
Bid Tabulation

Water & Wastewater Treatment Plant Chemicals, RFB No. 2021-23-01
Period from October 1, 2021 to September 30, 2023

Bid Opening Date September 9, 2021
Bid Opening Start Time 2:00 PM
Opened By: Jennifer Riechers, General Manager
Tabulated By: Jennifer Riechers, General Manager

Bidder	Item								
	Aluminum Chlorohydrate	Liquid Ammonium Sulfate	Polymer	Chlorine Ton Cylinders	Chlorine 150 lb. Cylinders	Sodium Permanganate Bulk	Sodium Permanganate	Orthophosphate	Affidavit of Compliance
	Pound	Pound	Pound	Pound	Pound	Pound	Pound	Pound	
Brenntag Southwest	0.3798	0.1293	0.7200	0.9750	2.2500	1.2400	1.8500	0.7485	Yes
Altivia Chemicals, LLC	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	0.6200	Yes
Shannon Chemical Corporation	No Bid	No Bid	No Bid	No Bid	No Bid	1.2100	1.2500	0.6170	Yes
DPC Industries, Inc.	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	No Bid	NA
Awarded To	Brenntag Southwest	Brenntag Southwest	Brenntag Southwest	Brenntag Southwest	Brenntag Southwest	Shannon Chemical Corp.	Shannon Chemical Corp.	Shannon Chemical Corp.	

The above is an exact tabulation of the bids received and funding has been verified.
Contract awarded to low bidder unless alternative selection with reason is notated above.
Contract to be executed/approved by the WTCPUA Board of Directors on September 16, 2021.


General Manager

9/9/21
Date

West Travis County Public Utility Agency
Bid Tabulation

Landscape Maintenance, RFB No. LM2021-23
Period from October 1, 2021 to September 30, 2023

Bid Opening Date September 9, 2021
Bid Opening Start Time 2:00 PM
Opened By: Jennifer Riechers, General Manager
Tabulated By: Jennifer Riechers, General Manager

Bidder	Item		Awarded To
	Total Annual Cost- 38 Locations	Certificate of Liability Insurance	
Abescape Group, LLC	\$ 198,900.00	Yes	
Zane Furr	\$ 91,560.00	Yes	X
Cutrite, LLC.	\$ 299,976.00	Yes	
Unity Contractor Services, Inc.	\$ 200,476.00	Yes	

The above is an exact tabulation of the bids received and funding has been verified.
Contract awarded to low bidder unless alternative selection with reason is notated above.
Contract to be executed/approved by the WTCPUA Board of Directors on September 16, 2021



General Manager

9/9/21

Date

V. OLD BUSINESS

ITEM B

WHEREAS, on September 20, 2018, the Board of Directors of the WTCPUA amended its wastewater impact fee for the WTCPUA's Wastewater Service Area, in accordance with Chapter 395 of the Texas Local Government Code;

WHEREAS, WTCPUA received a report from its engineer, entitled "*Land Use Assumptions and Capital Improvements Plan for West Travis County Public Utility Agency 2021 Impact Fee Study*" (the "**Study**"), attached hereto as Exhibit A, providing recommended amendments regarding WTCPUA's land use assumptions and capital improvements plan;

WHEREAS, WTCPUA received a report from its rate consultant, entitled "*Land Use Assumption & Impact Fee Report*" (the "**Report**"), attached hereto as Exhibit B, providing recommended amendments regarding WTCPUA's land use assumptions and wastewater impact fees for the Wastewater Service Area;

WHEREAS, WTCPUA previously appointed an impact fee advisory committee ("**Committee**"), and such Committee met on August 5, 2021, to consider potential amendments to WTCPUA's land use assumptions, capital improvements plan, and wastewater impact fees;

WHEREAS, the Committee prepared written recommendations regarding such amendments (attached hereto as Exhibit C), and it has provided such recommendations to WTCPUA's Board of Directors;

WHEREAS, after providing proper notice to the public, WTCPUA held a public hearing on August 19, 2021, regarding the adoption of amendments to WTCPUA's land use assumptions, capital improvements plan, and wastewater impact fees for the Wastewater Service Area;

WHEREAS, the Board of Directors reviewed the Study, the Report, all public input provided at the public hearing, and the recommendations from the Committee regarding the proposed amendments;

WHEREAS, on August 19, 2021, WTCPUA amended the land use assumptions, capital improvements plan, and wastewater impact fees related to the Wastewater Service Area, in accordance with Chapter 395 of the Texas Local Government Code, adopting an impact fee of \$11,590.00 per living unit equivalent, which is less than the maximum allowable impact fee, to be effective as of October 1, 2021; and

WHEREAS, the Board of Directors desires to reconsider its decision regarding the amount of the wastewater impact fee, as provided herein.

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

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

Section 2: After considering the Study, the Report, public input from the public hearing, recommendations of the Committee, and other related information, the Board of Directors has determined that for the Service Area, a wastewater impact fee in the amount of \$11,568 per living unit equivalent (“*LUE*”) is reasonable and necessary to generate revenue for funding or recouping the costs of wastewater capital improvements or facility expansions necessitated by and attributable to new development, in accordance with Chapter 395 of the Texas Local Government Code, so that WTCPUA can provide wastewater service to the Wastewater Service Area.

Section 3: The Board of Directors of WTCPUA hereby reconsiders its decision from the August 19, 2021 meeting of the Board of Directors and hereby amends the amount of the WTCPUA wastewater impact fee for the Wastewater Service Area to \$11,568.00 per LUE, effective on October 1, 2021.

Section 4: WTCPUA’s wastewater impact fees for the Wastewater Service Area shall be assessed and collected by WTCPUA in compliance with Chapter 395 of the Texas Local Government Code, WTCPUA’s Tariff and policies, and other applicable laws.

Section 5: All funds collected from the wastewater impact fees for the Wastewater Service Area shall only be used for the purposes for which such impact fees were imposed, in accordance with WTCPUA’s approved capital improvements plan and Chapter 395 of the Texas Local Government Code.

Section 6: None of the funds collected from the wastewater impact fees for the Wastewater Service Area shall be used or expended for an improvement or expansion that is not identified in WTCPUA’s approved capital improvements plan or in a manner inconsistent with Chapter 395 of the Texas Local Government Code.

Section 7: All funds collected from the wastewater impact fees for the Wastewater Service Area shall be deposited in interest-bearing accounts clearly identifying the category of capital improvements or facility expansions within the Wastewater Service Area.

Section 8: All interest earned on the wastewater impact fees for the Wastewater Service Area shall be considered funds of the account in which it is earned and will be subject to all restrictions placed on use of those fees as provided in Chapter 395 of the Texas Local Government Code.

Section 9: The records of the accounts into which the wastewater impact fees for the Service Area are deposited shall be open for public inspection and copying during ordinary business hours.

Section 10: WTCPUA’s Board President, General Manager, engineer, legal counsel, and other consultants are authorized to take all actions consistent with the purposes of this Order, including amending WTCPUA’s Tariff to reflect the directives included herein.

PASSED AND APPROVED this ____th day of September, 2021.

Scott Roberts, President
Board of Directors

ATTEST:

Walt Smith, Secretary
Board of Directors

EXHIBIT A

Study

LAND USE ASSUMPTIONS & CAPITAL IMPROVEMENTS PLAN

for

**WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY
2021 IMPACT FEE STUDY**

July 2021



Prepared for:

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

This document is being released under the Authority of George Murfee, PE No. 39166. It is intended for agency review and approval, subject to change at the direction of the WTCPUA Board of Directors and staff.

George W. Murfee
7-19-21

Prepared by:

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

TABLE OF CONTENTS

INTRODUCTION	1
BACKGROUND	1
Water	1
Wastewater	2
LAND USE ASSUMPTIONS.....	4
SYSTEM PLANNING CRITERIA	8
Unit Usage	8
System Criteria	8
CAPITAL IMPROVEMENTS PLAN	9

LIST OF TABLES

Table 1: Summary of Existing Water LUEs.....	2
Table 2: Existing and Projected Water LUE Summary 2021-2031.....	3
Table 3: Existing and Projected Water LUE Count by Pressure Plane	5
Table 4: Water Land Use Growth Assumption Summary Tabulation.....	5
Table 5: Existing Wastewater LUEs.....	6
Table 6: Wastewater Land Use Assumption Tabulation; by Development.....	7
Table 7: Wastewater Land Use Assumption Tabulation; by Year	7
Table 8: Water System Unit Usage Comparison	8

APPENDICES

Appendix A-1: Existing Water CIP Exhibit
Appendix A-2: Proposed Water CIP Exhibit
Appendix B-1: Existing Wastewater CIP Exhibit
Appendix B-2: Proposed 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 Projects Approved in 2018 CIP - Water
E-4 Growth Allocation Proposed 2021 CIP Projects - Water
E-5 Growth Allocation Existing Projects-Wastewater
E-6 Growth Allocation Proposed Projects Approved in 2018 CIP - Wastewater
E-7 Growth Allocation Proposed 2021 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 2021 Impact Fee Study for the 2021-2031 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 22,129 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

System	Total Existing Water LUEs
SH71	11,460
US290	10,668
TOTAL	22,129

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 show the existing and the 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 4,873 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 22 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 2021-2031

Murfee Engineering Company, Inc. Texas Registered Firm No. F-353						Date: 7/15/2021		
WTCPUA - Existing and Projected Water LUE Summary 2021-2031								
RETAIL CUSTOMERS								
System	Pressure Plane	Description	Demography Planning Unit	2021 Connections	2021 Existing LUEs*	2021-2031 Projected Growth	Buildout Total (2036)	
US 290	1240	Bear Creek Oaks, Echo Bluff, Hills of Texas	39	270	296	34	355	
		Friendship Ranch, Whispering Oaks, Wildwood, Parten	40	142	207	0	207	
		Fox Run, Barsana	46.1	6	20	0	20	
		S. of FM1826 Barsana to Bear Creek Pass	47.1	11	14	3	18	
		Bear Creek Estates	47.3	24	26	0	26	
		NW of Circle Dr.	116	3	8	0	8	
		US290 South of Circle Dr., Tanglewood W., Hillside	117	194	222	0	222	
		Rimrock Tr., Spring Valley, Ledgestone Terrace, Derecho	118	228	278	40	347	
		Appaloosa Run, Zyle Rd.	119	139	149	0	149	
		Overlook at Lewis Mountain	120	2	2	0	2	
		Infill (Nuttly Brown)	120	0	0	87	150	
		Skyridge	120	0	0	58	100	
	1340 N	Heritage Country, Big Country	18.3	105	119	14	143	
		Heritage Oaks, Ledge Stone, Oak Run West, Polo Club	20.2	504	673	0	673	
		Meadow Creek Ranch, Dripping Springs Ranch II	35.2	4	18	1	20	
		Retail West of Belterra	37.1	1	1	0	1	
		Signal Hill	38	81	100	39	167	
		Green Hills	44	23	33	0	33	
		N. of Fitzhugh to the County Line	113	16	25	1	26	
		Infill	n/a	0	0	289	500	
		Oak Run, S. of Fitzhugh to Blackstone	114	17	35	22	73	
		1340 S	Highpointe	41	1026	1209	0	1209
	E. of Sawyer Highpointe to Darden Hill		42	83	133	0	133	
	Woodland Estates		43.2	4	11	27	58	
	Infill		n/a	0	0	289	500	
	1340 (1300)	Onion Creek Ranch, Creek of Driftwood	43.1	76	84	0	84	
		Darden Hill (1 MGD)	42	0	0	668	1157	
		Rim Rock	45	622	815	0	815	
	1420 (290)	Rutherford West	122	158	200	0	200	
		Sunset Canyon	19.3	365	411	0	411	
		Key Ranch, Saratoga Hills	20.1	155	222	0	222	
		Hays Country Acres & Creek	33.2	8	36	0	36	
		Sunset Canyon S.	35.1	146	161	0	161	
		Infill	35.1	0	0	29	50	
		SW of Sawyer Ranch and US290 to Sunset Canyon	36	228	294	17	323	
US 290 System Retail Subtotal				4,641	5,798	1,617	8,599	
HWY 71	1080 (BCR)	Irrigation near Senna Hills	102	2	4	0	4	
		Seven Oaks	103	267	515	0	515	
		N. Crystal Creek Dr.	104	3	18	0	18	
		S. Crystal Creek Drive	106	2	2	0	2	
		Angelwylde	107	1	11	6	20	
		Spanish Oaks, Shops at the Galleria	3H.1	576	1007	1007	2408	
	1080 (CoBC)	Barton Creek Preserve	3H.2	3	3	0	3	
		Uplands, HEB	4A.1	205	383	43	442	
		The Preserve at Barton Creek	4A.2	46	56	0	56	
		Lake Pointe	5A	1086	1213	68	1307	
		Backyard	8F	0	0	294	409	
		Terraces	8F	0	0	163	227	
	1280 (HPR)	Hill Country Galleria & Surrounding	5C	70	315	0	315	
		Destiny Hills	3D.3	4	6	6	14	
		Bee Cave West, Travis County	3D.5	96	184	69	280	
		W. of Crumley HPR to county line, Rocky Creek	3E.1	402	590	24	623	
		Shield Ranch (Now inside conservancy)	3F	1	2	0	2	
		Homestead, Meadowfox, LTYA	3G.1	182	227	0	227	
	1280 (CoBC)	Lake Travis Middle School	3K.1	1	50	0	50	
		Cielo Apartments	5B	1	1	76	107	
		Falconhead	8A	568	711	80	822	
		Ladera, Morningside, Skaggs	8F	393	825	245	1165	
	1280 (71)	West Cypress Hill	3A	0	0	643	895	
		Kozmetsky	3B.1 / 3B.2	0	0	431	600	
		Lake Travis Independent School District	2C.1	0	0	72	100	
	1420 (HPR)	N. of Hamilton Pool Madrone Ranch to Creeks Edge	3D.2	259	442	210	734	
		Hatchett/Providence (TC MUD 22)	3D.2	216	216	1165	1837	
		HWY 71 System Retail Subtotal				4,384	6,779	4,601
	RETAIL TOTAL				9,025	12,577	6,218	21,781
	* - Calculation of LUEs is based on meter size.							
	WHOLESALE CUSTOMERS							
	System	Pressure Plane	Customer	Demography Planning Unit	Jan 2020-Dec 2020 Average Usage (gpd)	2021 Standardized Water LUEs ¹	2021-2031 Projected Growth	Buildout Total LUEs
	US290	1240 (1160)	Reunion Ranch WCID ²	47.2	293,010	651	-73	524
		1340 N	Hays 1	37.1	487,201	1,083	68	1,200
			Hays 2	37.1	484,400	1,076	40	1,146
City of Dripping Springs			n/a	55,298	123	2,084	3,733	
1420 (290)		City of Dripping Springs	n/a	55,298	123	2,084	3,733	
		City of Dripping Springs - Headwaters	19.2	133,555	297	637	1,400	
		Dripping Springs WSC	n/a	682,825	1,517	3,954	8,367	
US 290 System Wholesale Subtotal				2,191,586	4,870	8,793	20,102	
HWY 71	1080 (BCR)	Barton Creek West WSC ²	108	314,146	698	-195	427	
		Crystal Mountain	105	53,265	118	0	118	
		Eanes ISD	n/a	11,094	25	24	58	
		Senna Hills	102	217,432	483	1	485	
	1280 (71)	Lazy Nine MUD 1A (Sweetwater)	3K.1	517,530	1,150	898	2,400	
		TC MUD 12 (Rough Hollow)	2C.2	599,858	1,333	569	2,125	
		TC MUD 18 (Bella Colinas/Masonwood)	3D.4	196,893	438	133	623	
1420 (HPR)	Deer Creek ³	n/a	196,649	437	-91	310		
HWY 71 System Wholesale Subtotal				2,106,866	4,682	1,340	6,546	
WHOLESALE TOTAL				4,298,452	9,552	10,133	26,648	
1 - Using 450 gpd/LUE								
2-2020 Wholesale contract annual average consumption exceeds agreement amount								
3-Contract states 310 built out LUEs, max 400 gpm consumption								
US 290 System Total					10,668	10,410	28,701	
HWY 71 System Total					11,460	5,941	19,728	
GRAND TOTAL					22,129	16,351	48,429	

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 10,000+ LUEs are in the planning stages and 5000+ 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 future HEB in the design and planning phase. Within the SH 71 System Bee Cave Road is essentially built-out, while the City of Bee Cave has 1600± 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 and Deer Creek. A minor amount of infill is expected along Hamilton Pool Road. Of note: Table 2 identifies three wholesale customers that are exceeding their contracted amounts based on an average day usage, it is unknown if this trend is expected to continue.

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

Existing and Projected Water LUE Count by Pressure Plane				
System	Pressure Plane	2021 Existing LUEs*	2021-2031 Projected Growth	Buildout Total (2036)
US 290	1240	1,871	148	2,128
	1340 N	3,285	2,557	7,715
	1340 S	1,353	316	1,900
	1340 (1300)	1,099	668	2,256
	1420 (290)	3,060	6,721	14,703
HWY 71	1080 (BCR)	1,874	-163	1,647
	1080 (CoBC)	2,976	1,574	5,167
	1280 (HPR)	782	99	919
	1280 (CoBC)	1,814	401	2,371
	1280 (71)	2,921	2,747	6,743
	1420 (HPR)	1,095	1,283	2,881

*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
May-21	10,668	11,460	22,129
Oct-21	10,678	11,493	22,171
Oct-22	11,398	12,148	23,546
Oct-23	12,189	12,788	24,977
Oct-24	13,052	13,414	26,466
Oct-25	13,985	14,027	28,012
Oct-26	14,989	14,625	29,614
Oct-27	16,065	15,208	31,273
Oct-28	17,212	15,778	32,990
Oct-29	18,430	16,333	34,763
Oct-30	19,719	16,874	36,593
Oct-31	21,079	17,401	38,480

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			6/29/2021
WTCPUA - April 2021 SH71 System WW LUE Summary			
RETAIL CUSTOMERS			
Rate District	Read Route & Description	Connections	Exist WW LUEs*
SH 71	311 Seven Oaks	10	47
	312 Uplands	7	105
	313 Seven Oaks	1	5
	314 Falconhead	444	527
	315 Spanish Oaks & Hwy 71	402	596
	316 Lake Pointe 1	262	272
	317 Lake Pointe 2	218	233
	318 Shops at the Galleria	87	404
	319 Lake Pointe 3	207	212
	320 Lake Pointe 4	252	269
	321 620 & 71	600	1167
TOTAL		2,490	3,835
* - Calculation of LUEs is based on meter size. Meters with zero consumption were not counted.			
WHOLESALE CUSTOMERS			
Customer	January-December 2020 Average Usage (gpd)	January-December 2020 Peak Month Usage (gpd)	Exist WW LUEs
Masonwood	99,723	164,433	535
WCID 17**	87,104	131,567	484
TOTAL	186,827	296,000	1,019
** - Calculation of Wholesale LUEs is based on 180 gpd/LUE			
GRAND TOTAL			4,854

Table 6: Wastewater Land Use Assumption Tabulation; by Development

Upcoming Development	GROWTH from 2021-2031				TOTAL LUEs
	Retail		Wholesale	Total	
	Residential	Commercial			
Backyard	0	409	0	409	4,854
Ladera Ridge	0	19	0	19	5,263
Masonwood	0	0	88	88	5,509
Terraces	227	0	0	227	6,497
West Village	450	450	0	900	5,490
Infill/Buildout*	0	760	0	760	6,409
Subtotal	677	1,638	88	2,403	7,257
TOTAL	2,315				

*Infill/Buildout assumed to be commercial

Table 7: Wastewater Land Use Assumption Tabulation; by Year

Impact Fee Planning Period Year	GROWTH				TOTAL LUEs
	Retail				
	Residential	Commercial	Wholesale	Total	
					4,854
2021	71	132	8	211	5,065
2022	96	151	8	255	5,320
2023	124	151	8	283	5,603
2024	60	151	8	219	5,822
2025	66	151	8	224	6,046
2026	65	151	8	224	6,270
2027	70	151	8	228	6,498
2028	47	151	8	206	6,704
2029	35	151	8	193	6,897
2030	24	151	8	183	7,080
2031	18	151	8	177	7,257
Subtotal	676	1,638	88	2,403	7,257
TOTAL	2,315				

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 sized to serve the projected growth.

Unit Usage

Based on the operational history of the system under the WTCPUA, which now spans approximately nine 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)	2021 IFS Unit Usage (gpd/LUE)	Description
Water	450	450	Annual average
	1,090	864	Peak day
Wastewater	205	180	30-day average

System Criteria

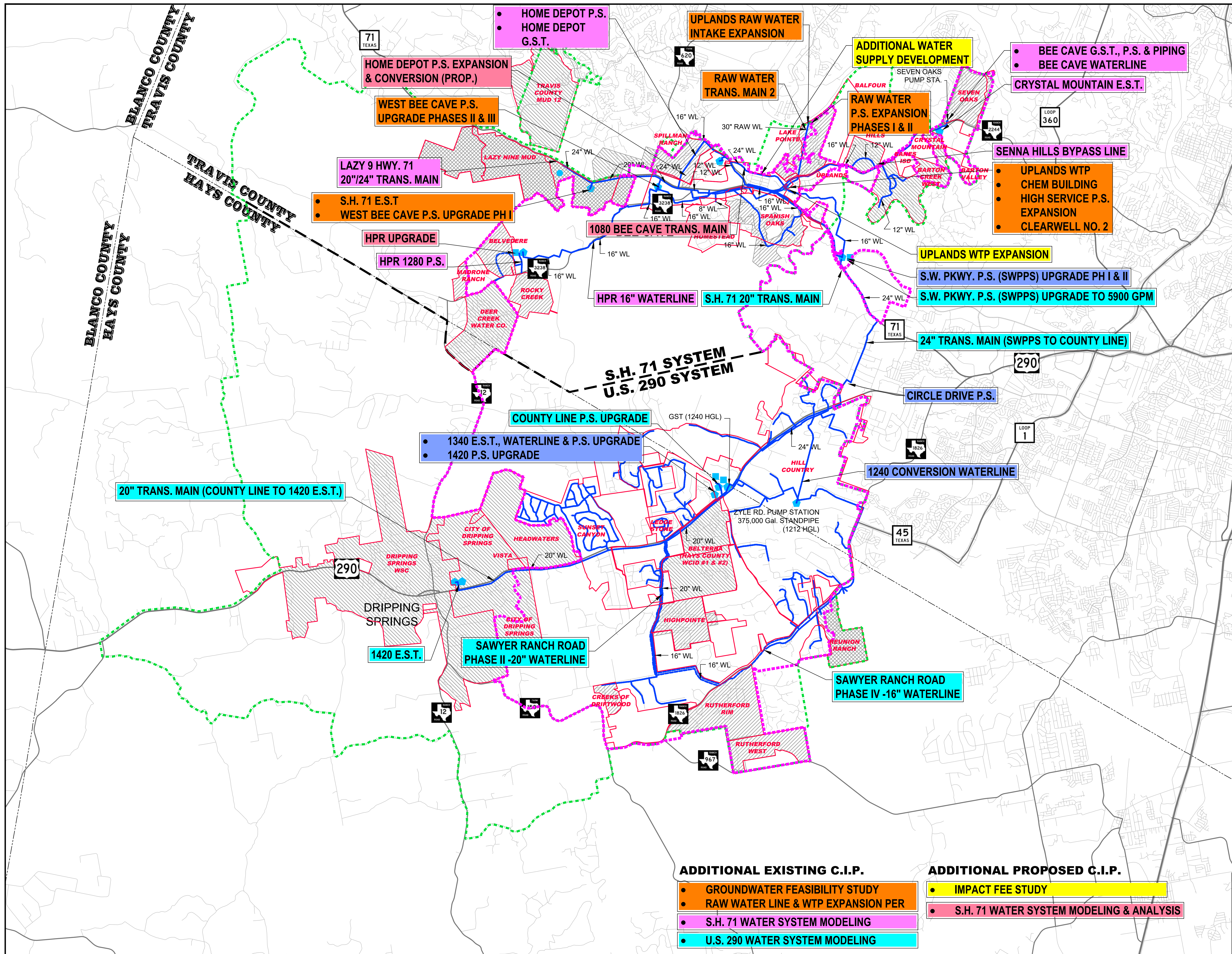
The primary criteria used to establish the capacity of the existing facilities and allocate for growth in CIP projects are pipe velocities, pumping capacity, and system storage. Transmission main capacity

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:
Existing Water CIP Exhibit

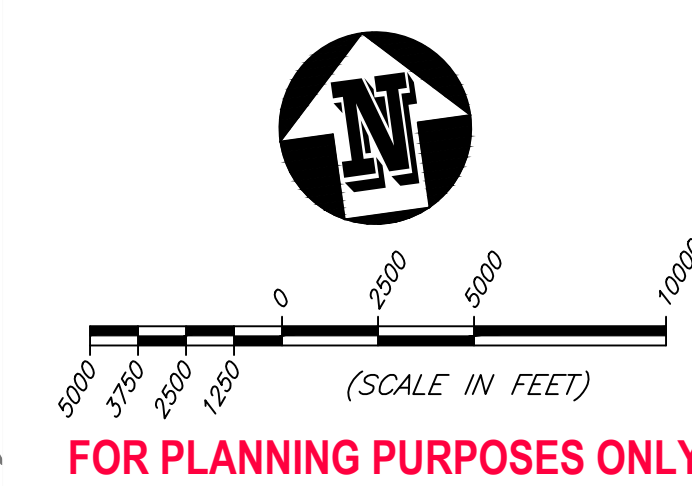


C.I.P. PROJECTS LEGEND

- SYSTEM WIDE
PROPOSED
EXISTING
S.H. 71 SYSTEM
PROPOSED
EXISTING
U.S. 290 SYSTEM
PROPOSED
EXISTING

LEGEND

- WEST TRAVIS COUNTY P.U.A. WATER SYSTEM BOUNDARY
WEST TRAVIS COUNTY P.U.A. PRELIMINARY RETAIL PLANNING AREA
EXISTING FACILITIES AND FACILITIES PROPOSED IN C.I.P. PLANS
EXIST. WHOLESALE CUSTOMERS
REIMBURSEMENT OBLIGATIONS
EXIST. WHOLESALE CUSTOMERS WITH REIMBURSEMENT OBLIGATIONS



ADDITIONAL EXISTING C.I.P.

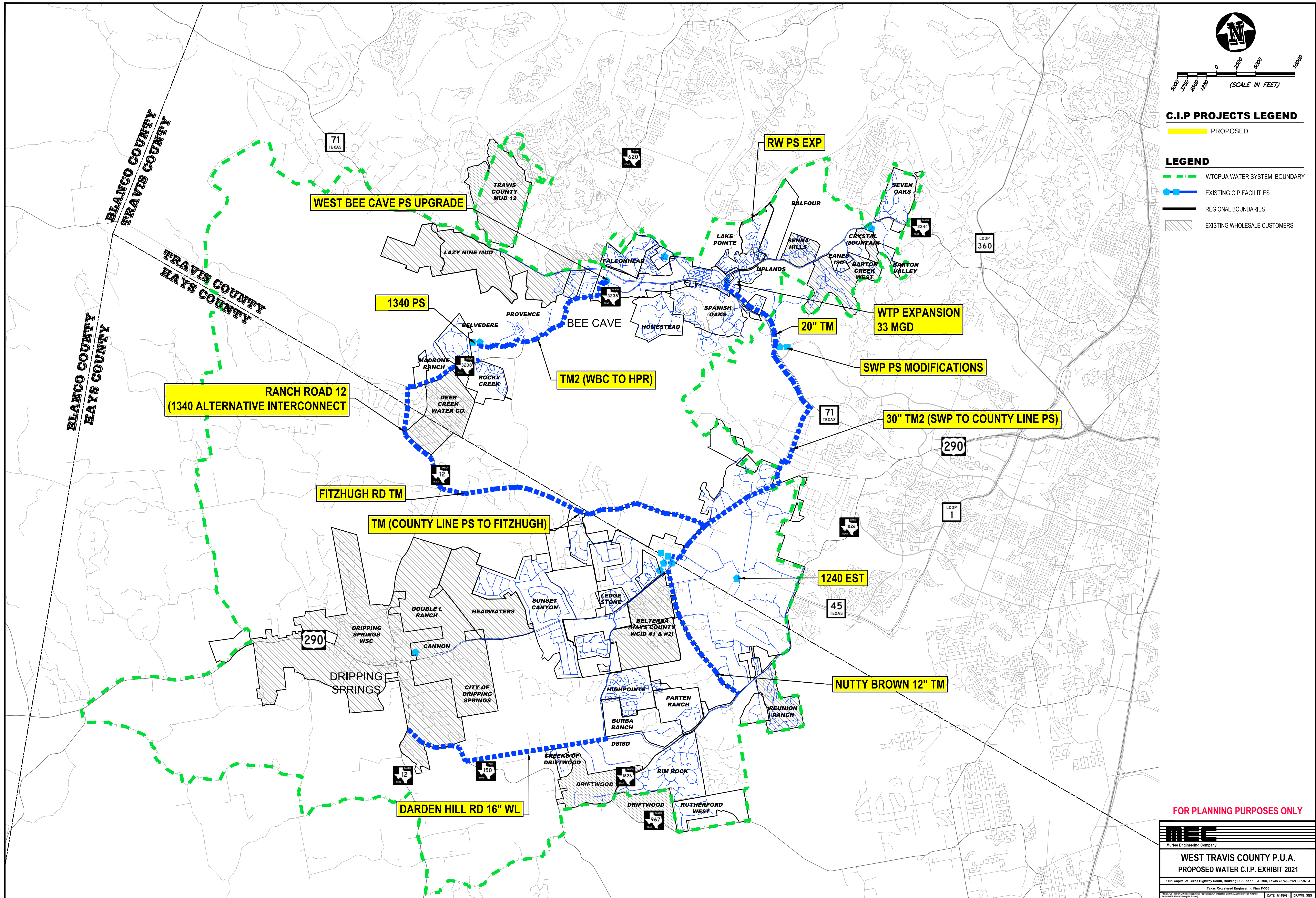
- GROUNDWATER FEASIBILITY STUDY
- RAW WATER LINE & WTP EXPANSION PER
- S.H. 71 WATER SYSTEM MODELING
- U.S. 290 WATER SYSTEM MODELING

ADDITIONAL PROPOSED C.I.P.

- IMPACT FEE STUDY
- S.H. 71 WATER SYSTEM MODELING & ANALYSIS

MEC
Murfee Engineering Company
WEST TRAVIS COUNTY P.U.A.
EXISTING WATER C.I.P. EXHIBIT 2021
1101 Capital of Texas Highway South, Building D, Suite 110, Austin, Texas 78746 (512) 327-9204
Texas Registered Engineering Firm F-353
FILE/LAYOUT: W:\WTPC\PA\Facilities\Impact Fee Studies\2021 Impact Fee Study\2021 Impact Fee Study.dwg
DATE: 10/20/2021
DRAWN: RWH

APPENDIX A-2:
Proposed Water CIP Exhibit



APPENDIX B-1:
Existing Wastewater CIP

LIFT STATION CHART						
NUMBER	DESCRIPTION	SPECIFICATIONS		NUMBER	DESCRIPTION	SPECIFICATIONS
1	LAKE POINT LS #1 PH4A	150 GPM		16	FALCON HEAD LS #1	59 GPM
2	LAKE POINT LS #2 SEC 5	110 GPM		17	FALCON HEAD LS #2	575 GPM
3	LAKE POINT LS #3 SEC 7	68 GPM		18	CCNG CENTRAL LS LOS ROBLES	220 GPM
4	LAKE POINT LS #4 SEC 9	125 GPM		19	SPANISH OAKS LS #2	
5	LAKE POINT LS #5 SEC 3 PH2	140 GPM		20	SPANISH OAKS LS #4	
6	LAKE POINT LS #6 PH2	325 GPM		21	SUMMIT 56 LS	175 GPM
7	LAKE POINT PH4B LS #7	70 GPM		22	MASONWOOD LS	
8	LAKE POINT LS #8 HEB PLAZA	125 GPM		O-1	BEE CAVE ELEMENTARY SCHOOL LS (WID 17)	
9	LAKE POINT LS #9 PH1	800 GPM		O-2	FALCON HEAD WEST MAIN LS	500 GPM
10	LAKE POINT LS #10	78 GPM		O-3	FALCON HEAD WEST LS A	25 GPM
11	LAKE POINT LS #11 BEE CAVE PLAZA	65 GPM		O-4	FALCON HEAD WEST LS B	150 GPM
12	LAKE POINT 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	

EXIST. SPILLMAN IRRIGATION
PUMP STATIONS

R.M. 620 W.W.L.

W.W.T.P. EXPANSION
500,000 gpd

100 AC-FT EFFLUENT
POND & LIFT STATION

BOHL'S W.W.T.P.
325,000 gpd

LAKEPOINT
W.W.T.P.
675,000 gpd

EFFLUENT
DISPOSAL
DEVELOPMENT

77AC-FT EFFLUENT POND

SPILLMAN
EFFLUENT
IRRIGATION
SYSTEM

EFFLUENT
IRRIGATION AREA
200 ACRES
800,000 G.P.D.

BOHLS SERVICE
AREA EXPANSION
LIFT STATION & FM

BOHLS WWTP REGIONAL
LIFT STATION & FORCE MAIN

LITTLE BARTON CREEK
INTERCEPTOR

CCNG LIFT STATION

GOLF COURSE
EFFLUENT
IRRIGATION
AREA
150 ACRES
400,000 G.P.D.

EFFLUENT
DISPOSAL
DEVELOPMENT

- LEGEND:
- EFFLUENT FORCE MAIN
 - WASTEWATER FORCE MAIN (L.S. & GRINDERS)
 - WASTEWATER GRAVITY LINE
 - PROPOSED GRAVITY COLLECTION LINE
 - PROPOSED FORCE MAIN
 - EXISTING P.U.A. LIFT STATION
 - PROPOSED P.U.A. LIFT STATION
 - EXISTING LIFT STATION OWNED/OPERATED BY OTHERS
 - EFFLUENT IRRIGATION AREAS
 - CITY OF BEE CAVE CITY LIMITS
 - CITY OF BEE CAVE E.T.J.
 - SEPTIC OR NO SERVICE NEEDED
 - CONSERVATION OR PARK
 - WATERSHED BOUNDARY
 - SERVICE AREA BOUNDARY

- LEGEND
- EXISTING FACILITIES
 - PROPOSED FACILITIES

PRELIMINARY DRAWING
FOR PLANNING PURPOSES ONLY



Murfee Engineering Company

Texas Registered Engineering Firm F-353

WEST TRAVIS COUNTY P.U.A.
EXISTING W.W. C.I.P. EXHIBIT 2021

1101 Capital of Texas Highway South, Building D, Suite 110, Austin, Texas 78746, (512) 327-9204

JOB NO.	11-021.10	SCALE	AS NOTED	SHEET	1 OF 1
DESIGNED BY:	GWM	DATE:	6/21/2021		
DRAWN BY:	RWH/RC	DATE:	6/21/2021		

APPENDIX B-2:
Proposed Wastewater CIP

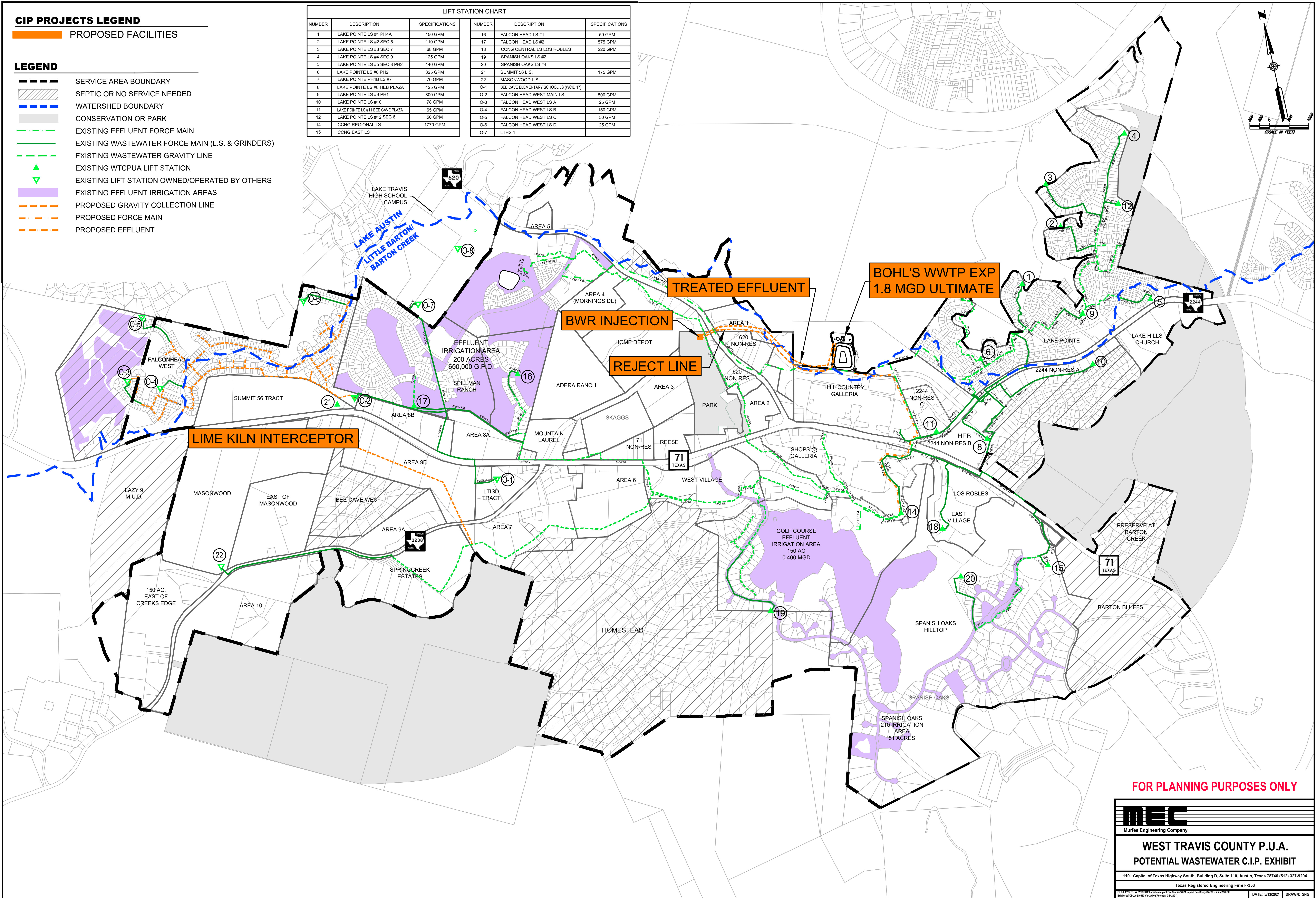
CIP PROJECTS LEGEND

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		NUMBER	DESCRIPTION	SPECIFICATIONS
1	LAKE POINTE LS #1 PH4A	150 GPM		16	FALCON HEAD LS #1	59 GPM
2	LAKE POINTE LS #2 SEC 5	110 GPM		17	FALCON HEAD LS #2	575 GPM
3	LAKE POINTE LS #3 SEC 7	68 GPM		18	CCNG CENTRAL LS LOS ROBLES	220 GPM
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7	LAKE POINTE PH4B LS #7	70 GPM		22	MASONWOOD L.S.	
8	LAKE POINTE LS #8 HEB PLAZA	125 GPM		O-1	BEE CAVE ELEMENTARY SCHOOL LS (WCID 17)	
9	LAKE POINTE LS #9 PH1	800 GPM		O-2	FALCON HEAD WEST MAIN LS	500 GPM
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14	CCNG REGIONAL LS	1770 GPM		O-6	FALCON HEAD WEST LS D	25 GPM
15	CCNG EAST LS			O-7	LTHS 1	



FOR PLANNING PURPOSES ONLY



Murfee Engineering Company

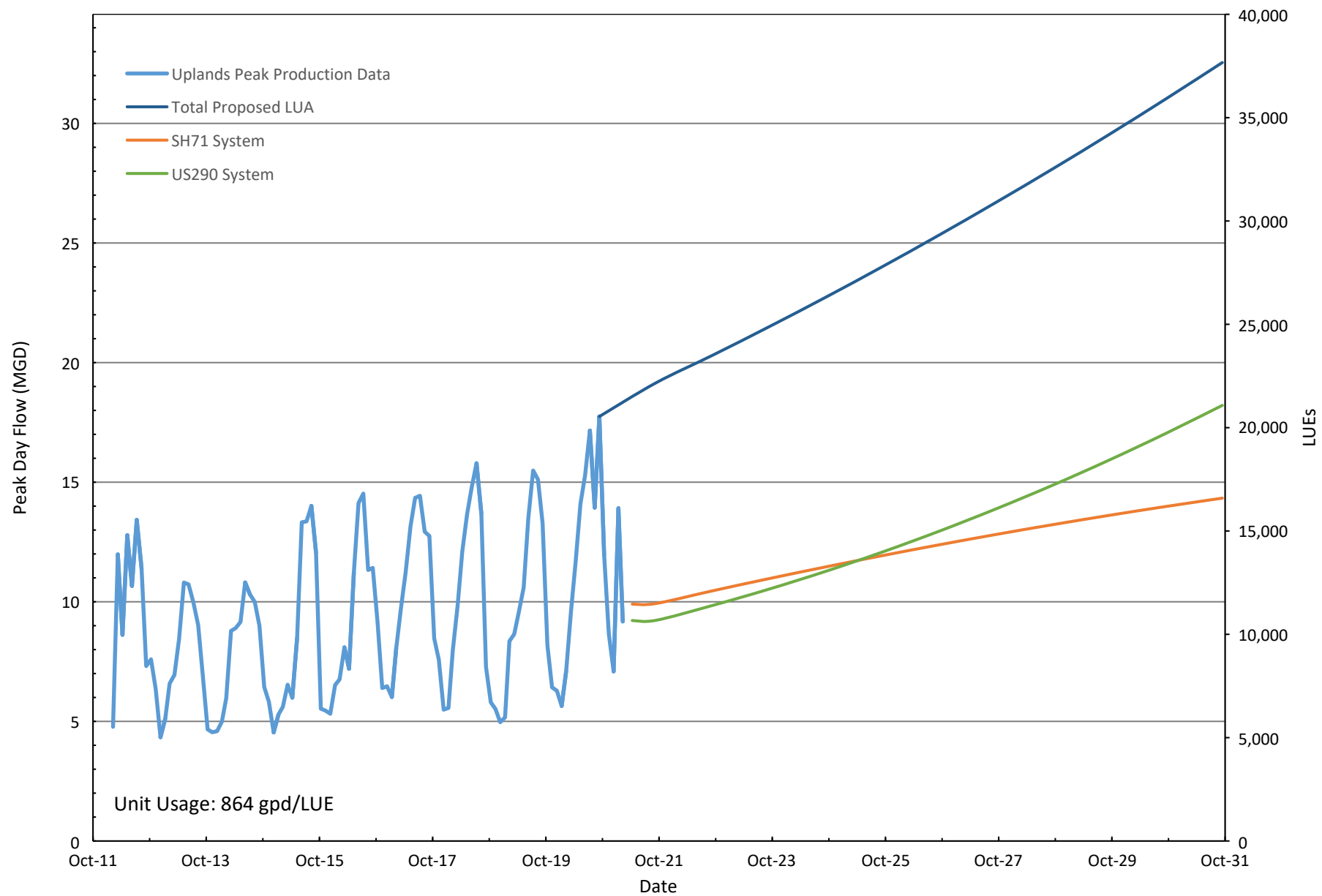
WEST TRAVIS COUNTY P.U.A.
POTENTIAL WASTEWATER C.I.P. EXHIBIT

1101 Capital of Texas Highway South, Building D, Suite 110, Austin, Texas 78746 (512) 327-9204
Texas Registered Engineering Firm F-353
DATE: 5/13/2021 DRAWN: SNG

APPENDIX C:

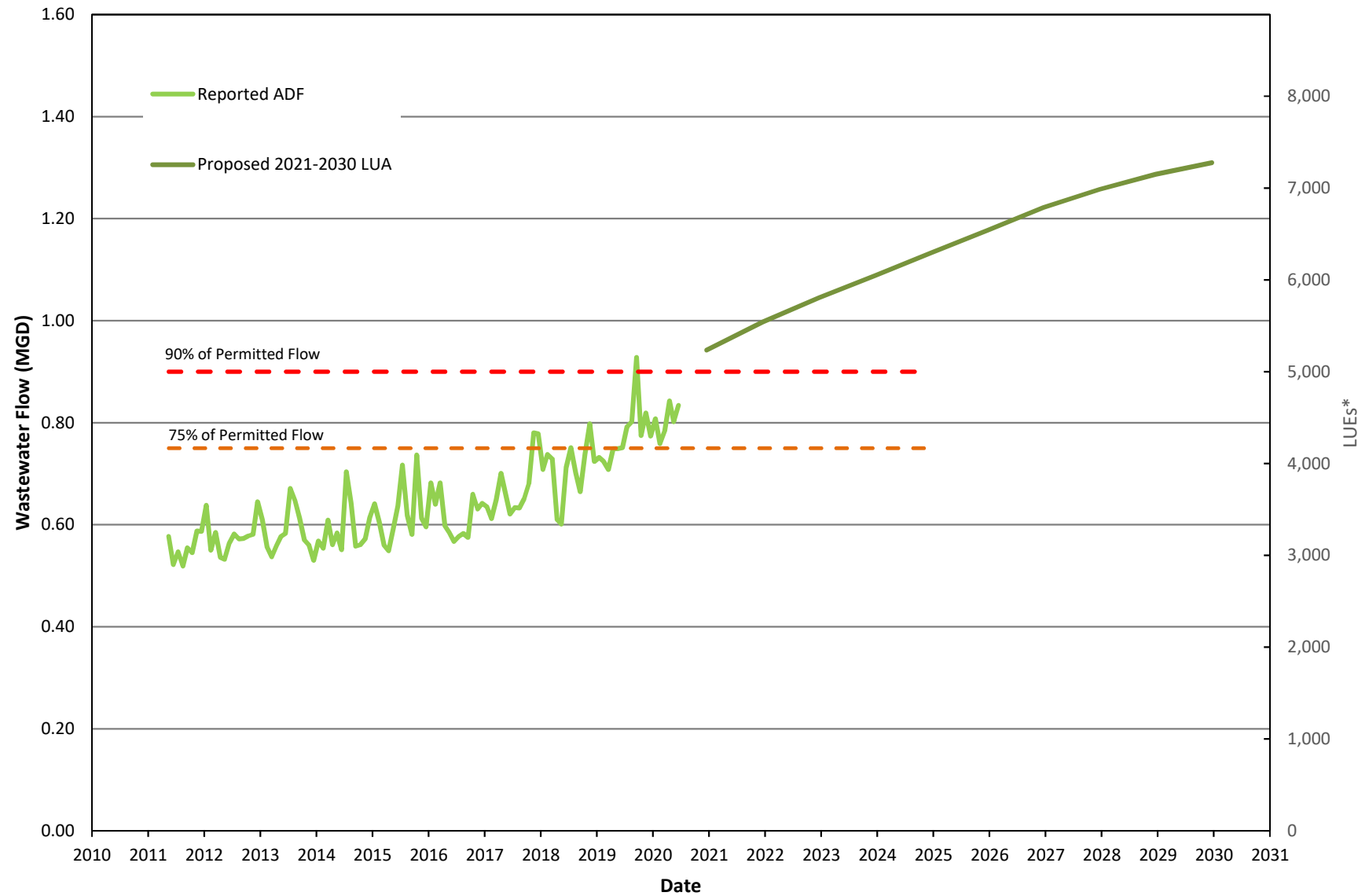
Water LUEs Summary Figures

WTCPUA - Water LUA Summary 2021



APPENDIX D:
Wastewater LUA Summary Figure

WTCPUA - Wastewater LUA Summary 2021



*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 Projects Approved in 2018 CIP - Water

E-4 Growth Allocation Proposed 2021 CIP Projects - Water

E-5 Growth Allocation Existing Projects-Wastewater

E-6 Growth Allocation Proposed Projects Approved in 2018 CIP - Wastewater

E-7 Growth Allocation Proposed 2021 CIP Projects - Wastewater

E-1 Total Capital Allocated to Growth

Table E-1 Total Capital Allocated to Growth

WATER

Proposed 2021 CIP Projects

System	LUEs	Total Capital Allocated to Growth			Total	Unit Cost	Combined*
		Existing	2018 CIP	2021 CIP			
System-Wide	16,351	\$ 12,320,104	\$ 9,890,000	\$ 13,422,350	\$ 35,632,455	\$ 2,179.22	
US290	10,410	\$ 6,594,408	\$ 10,403,933	\$ 29,087,916	\$ 46,086,257	\$ 4,426.95	\$ 6,606.16
SH71	5,941	\$ 4,632,533	\$ 3,991,000	\$ 403,069	\$ 9,026,602	\$ 1,519.46	\$ 3,698.68
* - unadjusted maximum allowable							

WASTEWATER

2021 Impact Fee Study

System	LUEs	Total Capital Allocated to Growth			Total	Unit Cost
		Existing	2018 CIP	2021 CIP		
System-Wide	2,403	\$ 8,186,790	\$ 8,467,500	\$ 2,182,800.00	\$ 18,837,090	\$ 7,838.99
* - 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 2021-2031 (MGD or LUEs)	Allocation for Current Capacity	Allocation for 2021-2031	Cost Allocation - Current	Cost Allocation - Growth	
System-wide									
Uplands WTP Chem Building*	\$ 2,141,458	20	17.9	2.1	90%	11%	\$ 1,916,605	\$ 224,853	
Uplands WTP*	\$ 40,549,183	20	17.9	2.1	90%	11%	\$ 36,291,519	\$ 4,257,664	
Uplands Raw Water Intake Expansion*	\$ 416,305	20	17.9	2.1	90%	11%	\$ 372,593	\$ 43,712	
High Service Pump Station 8MGD-14MGD*	\$ 4,034,066	20	17.9	2.1	90%	11%	\$ 3,610,489	\$ 423,577	
Uplands Clearwell No. 2*	\$ 997,229	20	17.9	2.1	90%	11%	\$ 892,519.96	\$ 104,709	
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	\$ 6,287,320	16.5	1.4	16	8%	92%	\$ 533,469.58	\$ 5,753,850	
Subtotal	\$ 56,231,890						\$ 43,911,786	\$ 12,320,104	
SH71 System									
Lazy 9 SW 71 (20") Transmission Main*	\$ 3,090,461	20	17.9	2.1	90%	11%	\$ 2,765,963	\$ 324,498	
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)	\$ 157,711	750	650	100	87%	13%	\$ 136,683	\$ 21,028	
West Bee Cave PS Upgrade (Phase II) (GST No2) ¹	\$ 1,411,886	5000	50	4950	1%	99%	\$ 14,119	\$ 1,397,767	
Transmission Main from Uplands Plant to Bee Cave Pump Station (1080-16)*	\$ 1,556,779	20	17.9	2.1	90%	11%	\$ 1,393,317	\$ 163,462	
Crystal Mountain EST*	\$ 1,917,518	20	17.9	2.1	90%	11%	\$ 1,716,179	\$ 201,339	
Senna Hills Bypass Line*	\$ 559,677	20	17.9	2.1	90%	11%	\$ 500,911	\$ 58,766	
HPR 1280 Pump Station Water	\$ 330,552	20	17.9	2.1	90%	11%	\$ 295,844	\$ 34,708	
HPR Water Line*	\$ 6,624,510	20	17.9	2.1	90%	11%	\$ 5,928,936	\$ 695,574	
Home Depot Pump Station*	\$ 392,792	20	17.9	2.1	90%	11%	\$ 351,549	\$ 41,243	
Home Depot Ground Storage Tank*	\$ 147,043	20	17.9	2.1	90%	11%	\$ 131,603	\$ 15,440	
Bee Cave Ground Storage Tank, Pump Station & Piping (off Cuernevaca)*	\$ 699,851	20	17.9	2.1	90%	11%	\$ 626,367	\$ 73,484	
Bee Cave Waterline to Cuernevaca*	\$ 990,492	20	17.9	2.1	90%	11%	\$ 886,490	\$ 104,002	
HPR Conversion and Upgrade to 1,500 gpm	\$ 214,321	375	20	355	5%	95%	\$ 11,430	\$ 202,891	
Subtotal	\$ 20,489,350						\$ 15,856,817	\$ 4,632,533	
US290 System									
County Line Pump Station Upgrade*	\$ 1,684,429	20	17.9	2.1	90%	11%	\$ 1,507,564	\$ 176,865	
290 Pipeline*									
24" SWPPS to County Line	\$ 12,841,593	20	17.9	2.1	90%	11%	\$ 11,493,226	\$ 1,348,367	
20" County Line to 1420 EST	\$ 3,411,212	20	17.9	2.1	90%	11%	\$ 3,053,035	\$ 358,177	
SH71 20" Transmission Main*	\$ 3,630,945	20	17.9	2.1	90%	11%	\$ 3,249,696	\$ 381,249	
20" Main Uplands to SWPPS Easements*	\$ 506,714	20	17.9	2.1	90%	11%	\$ 453,509	\$ 53,205	
1420 EST*	\$ 2,197,353	20	17.9	2.1	90%	11%	\$ 1,966,631	\$ 230,722	
Sawyer Ranch Road Ph 1 20"*	\$ 1,183,948	20	17.9	2.1	90%	11%	\$ 1,059,633	\$ 124,315	
Sawyer Ranch Road Ph 1 (Darden Hill)*	\$ 1,293,619	20	17.9	2.1	90%	11%	\$ 1,157,789	\$ 135,830	
SWPPS Upgrade to 5,900 gpm & GST1*	\$ 243,213	20	17.9	2.1	90%	11%	\$ 217,676	\$ 25,537	
SWPPS Upgrade Phase 1 GST	\$ 1,960,902	20	17.9	2.1	90%	11%	\$ 1,755,007	\$ 205,895	
1826 Phase IV 16" Water Line*	\$ 1,055,040	20	17.9	2.1	90%	11%	\$ 944,261	\$ 110,779	
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	\$ 2,746,676	3000	1000	2000	33%	67%	\$ 915,559	\$ 1,831,117	
Subtotal	\$ 35,234,933						\$ 28,640,525	\$ 6,594,408	
TOTALS	\$ 111,956,173						\$ 88,409,128	\$ 23,547,045	

*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/100 gallons of capacity. Phase III Currently Under construction.

E-3 Growth Allocation Proposed Projects Approved in 2018 CIP - Water

Table E-3 Growth Allocation Proposed Projects Approved in 2018 CIP - Water

WTCPUA Capital Improvements Program - Water					
Proposed 2018 CIP Projects					
Project	Planning Horizon Project Costs	Year Scheduled	Capacity (increase)	Capacity Allocation - Growth	Cost Allocation - Growth
System-wide					
2018 CIP Projects					
System Hydraulic Modelling	\$ 125,000	2022	n/a	100%	\$ 125,000
Raw Water Pump Station Expansion (Phase II)	\$ 2,700,000	2029	7 MGD	15%	\$ 405,000
Uplands WTP Expansion	\$ 17,000,000	2024	5 ⁷	50%	\$ 8,500,000
Additional Water Supply Development	\$ 1,000,000	2026	n/a ⁸	86%	\$ 860,000
Subtotal	\$ 20,825,000				\$ 9,890,000
SH71 System					
2018 CIP Projects					
West Bee Cave PS Upgrade (Phases III) ¹	\$ 222,000	2022	2,500 LUEs	1100 LUEs	\$ 98,000
Home Depot Pump Station Expansion & Conversion ²		2021			\$ -
1080 Bee Cave Transmission Main ³	\$ 5,900,000	2022	5229 LUEs	3450 LUEs	\$ 3,893,000.00
Subtotal	\$ 6,122,000				\$ 3,991,000
US290 System					
2018 CIP Projects					
1240 Conversion Water Line	\$ 1,400,000	2023	2700	2250	\$ 1,167,000
RM1826 Phase V 16" ⁴		2033			\$ -
Heritage Oaks Loop Line ⁴		2033			\$ -
1420 Pump Station Upgrade ⁵	\$ 670,000	2022	1500	1100	\$ 491,333
1340 TM (Sawyer Ranch Road Ext)	\$ 1,200,000	2022	4500	1500	\$ 400,000
1340 Pump Station	\$ 1,920,000	2021	2250	2000	\$ 1,689,600
SWPPS Upgrade GST2 Phase 2 ⁶	\$ 1,760,000	2022	9500	5750	\$ 1,056,000
Circle Drive Pump Station	\$ 5,600,000	2024	3000	3000	\$ 5,600,000
Subtotal	\$ 12,550,000				\$ 10,403,933
TOTALS	\$ 39,497,000				\$ 24,284,933

1. 500,000 GST & 4500 GPM Ultimate Capacity Pump Station Upgrade, under construction 2021

2. Existing Pump Modifications completed by Operations Staff, CIP Project Placed on indefinite hold; capacity increase replaced by 1080 TM & WBCPS Upgrade

3. Additional Cost from 2018 IFA, due to constraints in alignment, construction cost increase.

4. Projects unnecessary in 10-year projected LUA growth phase; proposed capacity to be replaced by Nutty Brown and Fitzhugh TMs

5. Two 900 GPM Pumps Under Construction June 2021

6. 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)

7. PER currently underway to increase capacity in the next expansion, considering technology alternatives for site constraints

8. Long term future capacity needs for surface water or groundwater supplies beyond the raw water intake and pipeline facilities ultimate capacity.

E-4 Growth Allocation Proposed 2021 CIP Projects - Water

Table E-4 Growth Allocation Proposed 2021 CIP Projects - Water

WTCPUA Capital Improvements Program - Water						
Proposed 2021 CIP Projects						
Project	Planning Horizon Project Costs	Year Scheduled	Capacity (increase)	Capacity Allocation - Growth	Cost Allocation - Growth	
System-wide						
2021 CIP Projects						
Impact Fee Update	\$ 92,500	2026	n/a	100%	\$ 92,500	
Uplands WTP Expansion to 33MGD (8 MGD ¹)	\$ 10,000,000	2026	8 MGD	93%	\$ 9,300,000	
TM No. 2 (Upsize)	\$ 1,396,000	2027	3100 LUEs	2100 LUEs	\$ 945,677	
Ranch Road 12 16" TM (HPR to Fitzhugh)	\$ 5,621,000	2027	5200 LUEs	2100 LUEs	\$ 2,270,019	
1340 PS (HPR)	\$ 2,016,000	2027	5200 LUEs	2100 LUEs	\$ 814,154	
subtotal	\$ 19,125,500				\$ 13,422,350	
SH71 System						
2021 CIP Projects						
West Bee Cave PS Upgrade (Electrical & Pumping)	\$ 336,000	2025	4200LUEs	700 LUEs	\$ 56,000	
TM No. 2 (West Bee Cave to HPR)	\$ 825,792	2027	3100 LUEs	700 LUEs	\$ 111,000	
HPR GST2	\$ 1,686,209	2022	5000 LUEs	700 LUEs	\$ 236,069	
subtotal	\$ 2,848,001				\$ 403,069	
US290 System						
2021 CIP Projects						
Nutty Brown 12" TM	\$ 3,158,000	2026	2900 LUEs	1000 LUEs	\$ 1,088,966	
30" Parallel TM 2 (SWPPS to County Line)	\$ 19,354,000	2025	12000 LUEs	8810 LUEs	\$ 14,209,062	
SWP PS Modifications	\$ 1,500,000	2025	12000 LUEs	8810 LUEs	\$ 1,101,250	
1240 EST	\$ 2,095,000	2027	2250 LUEs	2250LUEs	\$ 2,095,000	
Hwy 71 Parallel 20" TM (Uplands to SWPWPS)	\$ 4,150,000	2030	8150 LUEs	5700 LUEs	\$ 2,902,000	
Darden Hill RD 16" WL	\$ 5,956,400	2028	5200 LUEs	1800 LUEs	\$ 2,061,831	
Fitzhugh Road 16" TM (CLPS to Crumley)	\$ 6,498,000	2029	5200 LUEs	3800 LUEs	\$ 4,748,538	
Fitzhugh Road 16" TM (Crumley to RR12)	\$ 2,083,000	2030	5200 LUEs	2200 LUEs	\$ 881,269	
subtotal	\$ 44,794,400				\$ 29,087,916	
TOTALS	\$ 66,767,901				\$ 42,913,335	

1.) Building, site improvements, electrical, & controls incorporated into 2024 expansion, reduced capital cost estimated

E-5 Growth Allocation Existing Projects-Wastewater

Table E-5 Growth Allocation Existing Projects - Wastewater

WTCPUA Capital Improvements Program - Wastewater								
Existing CIP Projects								
Project	Project Cost	Capacity (MGD)	Current Capacity Used (MGD)	Capacity Used 2021-2031 (MGD)	Allocation for Current Capacity	Allocation for 2021-2031	Cost Allocation - Current	Cost Allocation - Growth
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	\$ 3,816,591	0.325	0.290	0.035	89%	11%	\$ 3,405,574	\$ 411,017
Bohls WWTP	\$ 5,570,796	0.325	0.290	0.035	89%	11%	\$ 4,970,864	\$ 599,932
Bohls WWTP Regional Lift Station/FM	\$ 2,101,571	0.325	0.290	0.035	89%	11%	\$ 1,875,248	\$ 226,323
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
TOTALS	\$ 41,401,419						\$ 33,214,629	\$ 8,186,790

*Denotes Projects Constructed by the LCRA, Purchased by WTCPUA

E-6 Growth Allocation Proposed Projects Approved in 2018 CIP - Wastewater

Table E-6 Growth Allocation Proposed Projects Approved in 2018 CIP - Wastewater

WTCPUA Capital Improvements Program - Wastewater					
Proposed 2018 CIP Projects					
Project	Planning Horizon Project Costs	Year Scheduled	Capacity (increase)	Capacity Allocation - Growth	Cost Allocation - Growth
2018 CIP Projects					
Future WWTP Expansion. ¹	\$ 6,325,000	2022	0.5 MGD	50%	\$ 3,162,500
Effluent Disposal Development ¹	\$ 5,900,000	2028	0.375 MGD	80%	\$ 4,720,000
Bohls Service Area Expansion Lift Station & Force Main	\$ 780,000	2024	500 LUEs	75%	\$ 585,000
TOTALS	\$ 13,005,000				\$ 8,467,500

1. Increase in cost due to facility location space constraints, and BWR Phase 1 site relocation. Complete list of CIP Project expansions at Bohl's site, and potential Lake Pointe plant decommissioning, not listed due to no foreseeable allocation to growth.

E-7 Growth Allocation Proposed 2021 CIP Projects - Wastewater

Table E-7 Growth Allocation Proposed 2021 CIP Projects - Wastewater

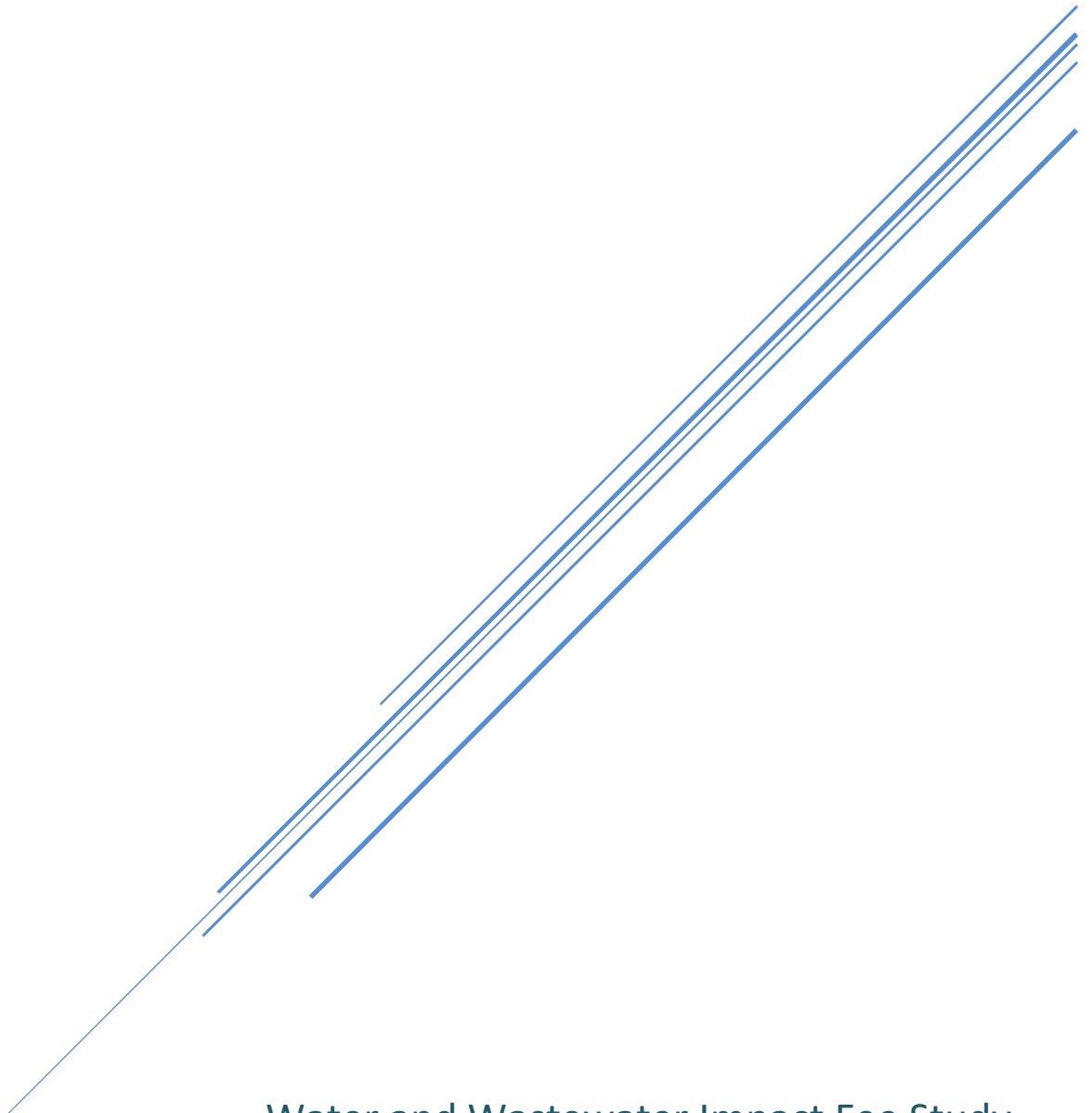
WTCPUA Capital Improvements Program - Wastewater					
Proposed 2021 CIP Projects					
Project	Planning Horizon Project Costs	Year Scheduled	Capacity (increase)	Capacity Allocation - Growth	Cost Allocation - Growth
2021 CIP Projects					
Impact Fee Study	\$ 27,500	2026	n/a	100%	\$ 27,500
BWR & Effluent Disposal Injection Well	\$ 517,500	2022	0.375 MGD	80%	\$ 414,000
BWR Phase 1 Supply/Reject FMs	\$ 1,460,500	2022	0.5 MGD	60%	\$ 876,300
Lime Kiln Interceptor	\$ 1,730,000	2026	1800 LUEs	50%	\$ 865,000
TOTALS	\$ 3,735,500				\$ 2,182,800

EXHIBIT B

Report

TECHNICAL REPORT

West Travis County PUA



Water and Wastewater Impact Fee Study
July 2021

Nelisa Heddin Consulting
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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.

The PUA has updated its impact fees in 2012, 2014 and 2018. In each of the previous updates, the PUA has operated under the assumption of “capping” growth at which point that the PUA reaches peak-day operations of the water treatment plant of 27 million gallons per day (MGD). Since that time, the local area has experienced significant growth demands, particularly in the US 290 System. Given the pressures of this growth, the PUA is contemplating expanding its service area and thereby providing water utility services which are anticipated to exceed 27 MGD. This updated analysis contemplates said service area expansion and thus increases the PUA's projected future capital improvements plan (CIP) by approximately \$80M for the water utility and \$4M for the wastewater utility (Tables 1 and 2)

Table 1: Summary of Water CIP Projects

Water CIP Projects	System Wide	SH 71	US 290	Total
Existing Improvements	\$ 57,352,254	\$ 20,898,145	\$ 35,938,033	\$ 114,188,432
Previously Approved Future CIP	23,632,001	6,400,245	13,462,383	43,494,629
Newly Identified CIP	<u>22,821,527</u>	<u>3,147,520</u>	<u>54,123,486</u>	<u>80,092,534</u>
Total Improvements	\$ 103,805,782	\$ 30,445,910	\$ 103,523,901	\$ 237,775,594

Table 2: Summary of Wastewater CIP Projects

Wastewater CIP Projects	
Existing Improvements	\$ 41,931,467
Previously Approved Future CIP	14,842,683
Newly Identified CIP	<u>4,222,015</u>
Total Improvements	\$ 60,996,165

NH Consulting has provided the PUA with two alternative impact fee calculations.

- Scenario 1 – assumes the issuance of approximately \$21M in debt to fund future water projects and approximately \$6M to fund future wastewater projects. As such, 10-years of future interest expense on the new debt has been included in the impact fee calculation.



- Scenario 2 – assumes the PUA will use cash-available from other sources to fund future projects, thereby not including any future interest expense for future projects in the impact fee calculation.

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)

	Scenario 1 (Includes Future Debt)	Scenario 2 (Excludes Future Debt)
Hwy 71 Water Impact Fee	\$ 5,249.44	\$ 4,780.28
US 290 Water Impact Fee	\$ 8,605.11	\$ 8,135.94
Wastewater Impact Fee	\$ 12,177.11	\$ 11,218.89

Table 4: 90% of Maximum Allowable Impact Fees

	Scenario 1 (Includes Future Debt)	Scenario 2 (Excludes Future Debt)
Hwy 71 Water Impact Fee	\$ 4,724.50	\$ 4,302.25
US 290 Water Impact Fee	\$ 7,744.59	\$ 7,322.35
Wastewater Impact Fee	\$ 10,959.40	\$ 10,097.00



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 December, 2017 the PUA had its rating upgraded by Standard & Poors to "A positive" and "A1" by Moody's Investor Service. 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.



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 fees¹. 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.

¹ 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-22	720	655	1,375
Oct-23	791	640	1,431
Oct-24	863	626	1,489
Oct-25	933	613	1,546
Oct-26	1,004	598	1,602
Oct-27	1,076	583	1,659
Oct-28	1,147	570	1,717
Oct-29	1,218	555	1,773
Oct-30	1,289	541	1,830
Oct-31	1,360	527	1,887

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

	Total
Oct-22	255
Oct-23	283
Oct-24	219
Oct-25	225
Oct-26	224
Oct-27	229
Oct-28	206
Oct-29	194
Oct-30	183
Oct-31	177

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 2018 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 costs²;
- ❖ Interest Expense (assumed a 30 year bond at 4% interest)³.

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 and related fees within the ten-year study period.

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.”

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

² Bond issuance costs were only included for existing projects.

³ 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.



total LUEs that would pay those rates over the 10-year study period 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 credit for each scenario. 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)

	Scenario 1 (Includes Future Debt)	Scenario 2 (Excludes Future Debt)
Hwy 71 Water Impact Fee	\$ 5,249.44	\$ 4,780.28
US 290 Water Impact Fee	\$ 8,605.11	\$ 8,135.94
Wastewater Impact Fee	\$ 12,177.11	\$ 11,218.89

Table 8: 90% of Maximum Allowable Impact Fees

	Scenario 1 (Includes Future Debt)	Scenario 2 (Excludes Future Debt)
Hwy 71 Water Impact Fee	\$ 4,724.50	\$ 4,302.25
US 290 Water Impact Fee	\$ 7,744.59	\$ 7,322.35
Wastewater Impact Fee	\$ 10,959.40	\$ 10,097.00

West Travis County Public Utility Agency
2021 Impact Fee Analysis - Water Utility

Schedule 1
Future CIP Projects, Before Interest Expense - Previously Approved Projects

Final Report

Project	Year Scheduled	Design/ Construction Costs (2021 Cost)	Legal/ Permitting Costs (1.5%)	Issuance Costs (2%)	Subtotal (2021 Cost)	Future Cost (1)	Capacity Increase	Capacity Used in 2021-2031	Units	Percent Allocation to 2021- 2031 Growth	Cost Allocated to 2021-2031 Growth
System Wide											
System Hydraulic Modeling	2022	125,000			125,000	128,750				100%	128,750
Uplands WTP Expansion	2024	17,000,000	255,000		17,255,000	18,855,004	5,000	2,500	MGD	50%	9,427,502
Additional Water Supply Development	2026	1,000,000	15,000		1,015,000	1,176,663				86%	1,011,930
Raw Water Pump Station Expansion (Phase II)	2029	2,700,000	40,500		2,740,500	3,471,583	7,000	1,050	MGD	15%	520,738
		\$ 20,825,000	\$ 310,500		\$ 21,135,500	\$ 23,632,001					\$ 11,088,920
US 290 System											
1340 Pump Station	2021	1,920,000	28,800		1,948,800	1,948,800	2250	2000	LUE	89%	1,732,267
SW Parkway Upgrade GST2 Phase 2	2022	1,760,000	26,400		1,786,400	1,839,992	9500	5750	LUE	61%	1,113,679
Circle Drive Pump Station	2024	5,600,000	84,000		5,684,000	6,211,060	3000	3000	LUE	100%	6,211,060
1340 TM (Sawyer Ranch Road Ext)	2022	1,200,000	18,000		1,218,000	1,254,540	4500	1500	LUE	33%	418,180
1240 Conversion Water Line	2023	1,400,000	21,000		1,421,000	1,507,539	2700	2250	LUE	83%	1,256,282
RM1826 Phase V 16"	2033	-	-		-	-				-	-
Heritage Oaks Loop Line	2033	-	-		-	-				-	-
1420 Pump Station Upgrade	2022	670,000	10,050		680,050	700,452	1500	1100	LUE	73%	513,664
		\$ 12,550,000	\$ 188,250		\$ 12,738,250	\$ 13,462,383					\$ 11,245,133
State Highway 71 System											
West Bee Cave PS Upgrade (Phase III)	2022	222,000	3,330		225,330	232,090	2500	1100	LUE	44%	102,120
Home Depot Pump Station Expansion & Conversion	2021	-	-		-	-					
1080 Bee Cave Transmission Main	2022	5,900,000	88,500		5,988,500	6,168,155	5229	3450	LUE	66%	4,069,638
		\$ 6,122,000	\$ 91,830		\$ 6,213,830	\$ 6,400,245					\$ 4,171,757
Total Previously Approved Future CIP		\$ 39,497,000	\$ 590,580	\$ -	\$ 40,087,580	\$ 43,494,629					\$ 26,505,810

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

West Travis County Public Utility Agency
2021 Impact Fee Analysis - Water Utility



Schedule 2

Future CIP Projects, Before Interest Expense - Newly Identified Projects

DRAFT

Project	Year Scheduled	Design/ Construction Costs (2021 Cost)	Legal/ Permitting Costs (1.5%)	Issuance Costs (2%)	Subtotal (2021 Cost)	Future Cost (1)	Capacity Increase	Capacity Used in 2022-2031	Units	Percent Allocation to 2018-2027 Growth	Cost Allocated to 2018-2027 Growth
Newly Proposed Projects											
<u>System Wide</u>											
Impact Fee Update	2026	92,500			92,500	107,233				100%	107,233
TM No. 2 (Upsize)	2027	1,396,000	20,940		1,416,940	1,691,900	3100	2100	LUEs	68%	1,146,126
Ranch Road 12 16" TM (HPR to Fitzhugh)	2027	5,621,000	84,315		5,705,315	6,812,444	5200	2100	LUEs	40%	2,751,180
1340 PS (HPR)	2027	2,016,000	30,240		2,046,240	2,443,318	5200	2100	LUEs	40%	986,724
Uplands WTP Expansion to 33 MGD	2026	10,000,000	150,000		10,150,000	11,766,632	8	7.44	LUEs	93%	10,942,968
		\$ 19,125,500	\$ 285,495		\$ 19,410,995	\$ 22,821,527					\$ 15,934,230
<u>US 290 System</u>											
SWP PS Modifications	2025	\$ 1,500,000	22,500		1,522,500	1,713,587	12000	8810	LUEs	73%	1,258,059
1240 EST	2027	2,095,000	31,425		2,126,425	2,539,063	2250	2250	LUEs	100%	2,539,063
Hwy 71 Parallel 20" TM (uplands to SWPWPS)	2030	4,150,000	62,250		4,212,250	5,496,031	8150	5700	LUEs	70%	3,843,850
Fitzhugh Road 16" TM (Crumley to RR12)	2030	2,083,000	31,245		2,114,245	2,758,610	5200	2200	LUEs	42%	1,167,104
Darden Hill Rd 16" WL	2028	5,956,400	89,346		6,045,746	7,435,505	5200	1800	LUEs	35%	2,573,829
Nutty Brown 12" TM	2026	3,158,000	47,370		3,205,370	3,715,902	2900	1000	LUEs	34%	1,281,346
Fitzhugh Road 16" TM (CLPS to Crumley)	2029	6,498,000	97,470		6,595,470	8,354,944	5200	3800	LUEs	73%	6,105,536
30" Parallel TM 2 (SWPPS to County Line)	2025	19,354,000	290,310		19,644,310	22,109,844	12000	8810	LUEs	73%	16,232,310
		\$ 44,794,400	\$ 671,916		\$ 45,466,316	\$ 54,123,486					\$ 35,001,096
<u>SH71 System</u>											
West Bee Cave PS Upgrade (Electrical & Pumping)	2025	\$ 336,000	5,040		341,040	383,844	4200	700	LUEs	17%	63,974
TM No. 2 (West Bee Cave to HPR)	2027	\$ 825,792	12,387		838,179	1,000,829	3100	700	LUEs	23%	225,994
HPR GST2	2022	1,686,209	25,293		1,711,502	1,762,847	5000	700	LUEs	14%	246,799
		\$ 2,848,001	\$ 42,720		\$ 2,890,721	\$ 3,147,520					\$ 536,766
Total New Proposed		\$ 66,767,901	\$ 1,000,131	\$ -	\$ 67,768,032	\$ 80,092,534					\$ 51,472,093

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

West Travis County Public Utility Agency
2021 Impact Fee Analysis - Water Utility



Schedule 3
Existing Projects, Before Interest Expense

Final Report

Project	Funding Year	Actual Project Cost	Debt Issuance Cost	Total Project Cost	Capacity (MGD or LUEs)	Current Capacity Used (MGD or LUEs)	Capacity Used 2018-2027 (MGD or LUEs)	Capacity Used Beyond 2027 (MGD or LUEs)	Percent Allocation Current	Percent Allocation 2018-2027	Percent Allocation Beyond 2027	Costs Allocated to Current	Costs Allocated to 2018-2027 Growth	Costs Allocated Beyond 2027
Systemwide														
Uplands WTP Chem Building*	2012	\$ 2,141,458	\$ 42,829	\$ 2,184,288	20.00	17.90	2.10	-	90%	11%	0%	\$ 1,954,937	\$ 229,350	\$ -
Uplands WTP Plant*	2012	40,549,183	810,984	41,360,167	20.00	17.90	2.10	-	90%	11%	0%	37,017,349	4,342,817	-
Uplands Raw Water Intake Expansion*	2012	416,305	8,326	424,631	20.00	17.90	2.10	-	90%	11%	0%	380,045	44,586	-
High Service Pump Station 8 MGD to 14 MGD*	2012	4,034,066	80,681	4,114,747	20.00	17.90	2.10	-	90%	11%	0%	3,682,699	432,048	-
Groundwater Feasibility Study	2014	40,000	-	40,000	-	-	-	-	84%	16%	0%	33,600	6,400	-
Raw Water Transmission Main No. 2	2015	6,287,320	125,746	6,413,066	16.50	1.40	15.10	-	8%	92%	0%	544,139	5,868,927	-
Raw Water Line & Uplands WTP Expansion	2013	173,726	-	173,726	-	-	-	-	28%	72%	0%	48,643	125,083	-
PER	2017	1,592,603	31,852	1,624,455	3.00	0.40	2.60	-	13%	87%	0%	216,594	1,407,861	-
Raw Water Line & WTP Expansion (Phase 1)	2012	997,229	19,945	1,017,174	20.00	17.90	2.10	-	90%	11%	0%	910,370	106,803	-
Uplands Clearwell #2*		\$ 56,231,890	\$ 1,120,363	\$ 57,352,254								\$ 44,788,377	\$ 12,563,877	\$ -
SH 71 System														
Lazy 9 SW 71 Transmission Main*	2012	\$ 3,090,461	\$ 61,809	\$ 3,152,270	20	17.90	2.10	-	90%	11%	0%	\$ 2,821,282	\$ 330,988	\$ -
71 System Modeling	2013	49,578	-	49,578	-	-	-	-	84%	16%	0%	41,646	7,932	-
SH71 EST (1.0 Mgal)	2012	2,169,142	43,383	2,212,525	3,000	1,350	1,650	-	45%	55%	0%	995,636	1,216,889	-
Misc Improvements for 1280 Pressure Plane	2012	177,037	3,541	180,578	3,000	1,350	1,650	-	45%	55%	0%	81,260	99,318	-
WEST BEE CAVE PS UPGRADE (PHASE I)	2015	157,711	3,154	160,865	750	650	100	-	87%	13%	0%	139,417	21,449	-
West Bee Cave PS Upgrade Phase II (GST no 2)	2018	1,411,886	28,238	1,440,124	5,000	50	4,950	-	1%	99%	0%	14,401	1,425,722	-
Transmission Main from Uplands Plant to Bee Cave Pump Station*	2012	1,556,779	31,136	1,587,915	20	17.90	2.10	-	90%	11%	0%	1,421,184	166,731	-
Crystal Mountain EST*	2012	1,917,518	38,350	1,955,868	20	17.90	2.10	-	90%	11%	0%	1,750,502	205,366	-
Senna Hills By-Pass Line*	2012	559,677	11,194	570,871	20	17.90	2.10	-	90%	11%	0%	510,929	59,941	-
Hamilton Pool Road 1280 Pump Station Water Line*	2012	330,552	6,611	337,163	20	17.90	2.10	-	90%	11%	0%	301,761	35,402	-
Hamilton Pool Road Water Line*	2012	6,624,510	132,490	6,757,000	20	17.90	2.10	-	90%	11%	0%	6,047,515	709,485	-
Home Depot Pump Station*	2012	392,792	7,856	400,648	20	17.90	2.10	-	90%	11%	0%	358,580	42,068	-
Home Depot Ground Storage Tank*	2012	147,043	2,941	149,984	20	17.90	2.10	-	90%	11%	0%	134,236	15,748	-
Bee Cave Ground Storage Tank, Pump Station, Piping (off Cuernavaca)*	2012	699,851	13,997	713,848	20	17.90	2.10	-	90%	11%	0%	638,894	74,954	-
HPR Conversion and Upgrade to 1500 gpm	2019	214,321	4,286	218,607	375	20	355	-	5%	95%	0%	11,659	206,948	-
Bee Cave Water Line to Cuernavaca*	2012	990,492	19,810	1,010,302	20	17.90	2.10	-	90%	11%	0%	904,220	106,082	-
		\$ 20,489,350	\$ 408,795	\$ 20,898,145								\$ 16,173,121	\$ 4,725,025	\$ -
US 290 System														
Countyline Pump Station Upgrade 1800 gpm to 3450 gpm*	2012	\$ 1,684,429	\$ 33,689	\$ 1,718,118	20	17.90	2.10	-	90%	11%	0%	\$ 1,537,715	\$ 180,402	\$ -
290 Pipeline														
a) 24" SWPPS to County Line*	2012	12,841,593	256,832	13,098,425	20	17.90	2.10	-	90%	11%	0%	11,723,090	1,375,335	-
b) 20" Countyline to 1420 HGL EST*	2012	3,411,212	68,224	3,479,436	20	17.90	2.10	-	90%	11%	0%	3,114,095	365,341	-
SH71 20" Transmission Main	2013	3,630,945	72,619	3,703,564	20	17.90	2.10	-	90%	11%	0%	3,314,690	388,874	-
20" Main Uplands to SW Parkway (Easements)*	2012	506,714	10,134	516,848	20	17.90	2.10	-	90%	11%	0%	462,579	54,269	-
1420 Elevated Storage*	2012	2,197,353	43,947	2,241,300	20	17.90	2.10	-	90%	11%	0%	2,005,964	235,337	-
Sawyer Ranch Road Ph 1 20"*	2012	1,183,948	23,679	1,207,627	20	17.90	2.10	-	90%	11%	0%	1,080,826	126,801	-
Sawyer RR Ph 1 (Darden Hill)*	2012	1,293,619	25,872	1,319,491	20	17.90	2.10	-	90%	11%	0%	1,180,945	138,547	-
SWPPS Upgrade tp 5,900 gpm*	2012	243,213	4,864	248,077	20	17.90	2.10	-	90%	11%	0%	222,029	26,048	-
SWPPS Upgrade Phase 1 GST	2017	1,960,902	39,218	2,000,120	20	17.90	2.10	-	90%	11%	0%	1,790,107	210,013	-
1826 Phase IV 16" Water Line*	2012	1,055,040	21,101	1,076,141	20	17.90	2.10	-	90%	11%	0%	963,146	112,995	-
US290 System Modeling	2013	79,955	-	79,955	-	-	-	-	84%	16%	0%	67,162	12,793	-
1340 EST	2016	2,399,334	47,987	2,447,321	3,000	1,000	2,000	-	33%	67%	0%	815,774	1,631,547	-
1340 Transmission	2017	2,746,676	54,934	2,801,610	3,000	1,000	2,000	-	33%	67%	0%	933,870	1,867,740	-
		\$ 35,234,933	\$ 703,100	\$ 35,938,033								\$ 29,211,992	\$ 6,726,040	\$ -
Total		\$ 111,956,173	\$ 2,232,258	\$ 114,188,432								\$ 90,173,490	\$ 24,014,942	\$ -

TRUE

*LCRA Constructed Projects

West Travis County Public Utility Agency
2021 Impact Fee Study - Wastewater Analysis

Schedule 4
Future CIP Projects, Before Interest Expense - Previously Approved Projects

DRAFT

Project	Year Scheduled	Design/ Construction Costs (2021 Cost)	Legal/ Permitting Costs (1.5%)	Issuance Costs	Subtotal (2021 Cost)	Future Cost	Capacity Increase	Capacity Used in 2022-2031	Units	Percent Allocation to 2022- 2031 Growth	Cost Allocated to 2022-2031 Growth
Future WWTP Expansion	2022	6,325,000	94,875		6,419,875	6,612,471	0.5	0.25	MGD	50%	3,306,236
Effluent Disposal Development	2028	5,900,000	88,500		5,988,500	7,365,100	0.375	0.3	MGD	80%	5,892,080
Bohls Service Area Expansion Lift Station & Force Main	2024	780,000	11,700		791,700	865,112	500	375	LUEs	75%	648,834
Total and Future Projects		\$ 13,005,000	\$ 195,075	\$ -	\$ 13,200,075	\$ 14,842,683					\$ 9,847,149

West Travis County Public Utility Agency
2021 Impact Fee Study - Wastewater Analysis

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

DRAFT

Project	Year Scheduled	Design/ Construction Costs (2021 Cost)	Legal/ Permitting Costs (1.5%)	Issuance Costs	Subtotal (2021 Cost)	Future Cost	Capacity Increase	Capacity Used in 2015-2024	Units	Percent Allocation to 2018- 2027 Growth	Cost Allocated to 2018-2027 Growth
Impact Fee Study	2026	27,500			27,500	31,880				100%	31,880
BWR & Effluent Disposal Injection Well	2022	517,500	7,763	10,350	535,613	551,681	0.375	0.30	MGD	80%	441,345
BWR Phase 1 Supply/Reject FMs	2022	1,460,500	21,908	29,210	1,511,618	1,556,966	0.500	0.30	MGD	60%	934,180
Lime Kiln Interceptor	2026	1,730,000	25,950	39,560	1,795,510	2,081,488	1,800	900	LUEs	50%	1,040,744
Total Future Projects		\$ 3,735,500	\$ 55,620	\$ 79,120	\$ 3,870,240	\$ 4,222,015					\$ 2,448,148

West Travis County Public Utility Agency
2021 Impact Fee Study - Wastewater Analysis

Schedule 6
Existing Projects, Before Interest Expense

DRAFT

Project	Funding Year	Actual Project Cost	Issuance Costs	Total Cost	Capacity	Current Capacity Used	Capacity Used 2022-2031	Capacity Used Beyond 2031	Units	Percent Allocation Current	Percent Allocation 2022-31	Percent Allocation Beyond 2031	Costs Allocated to Current	Costs Allocated to 2022-2031 Growth	Costs Allocated Beyond 2031
Systemwide															
Lakepointe WWTP*	2012	\$ 15,317,630	\$ 197,590	\$ 15,515,220	0.675	0.590	0.085	-	MGD	87%	13%	0%	\$ 13,561,452	\$ 1,953,768	\$ -
Bee Cave Regional System*	2012	8,499,620	109,641	8,609,261	1.000	0.800	0.200	-	MGD	80%	20%	0%	6,887,409	1,721,852	-
Spillman Effluent Irrigation System*	2012	530,458	6,843	537,301	1.000	0.800	0.200	-	MGD	80%	20%	0%	429,841	107,460	-
CCNG Lift Station*	2012	141,970	1,831	143,801	1.000	0.800	0.200	-	MGD	80%	20%	0%	115,041	28,760	-
RM 620 WW Line*	2012	1,262,030	16,280	1,278,309	1.000	0.800	0.200	-	MGD	80%	20%	0%	1,022,647	255,662	-
Hwy 71 WW Line*	2012	998,809	12,884	1,011,693	1.000	0.800	0.200	-	MGD	80%	20%	0%	809,355	202,339	-
Bohl's Effluent Pond and Lift Station	2012	3,816,591	49,232	3,865,823	0.325	0.290	0.035	-	MGD	89%	11%	0%	3,449,504	416,319	-
Bohl's WWTP	2012	5,570,796	71,860	5,642,656	0.325	0.290	0.035	-	MGD	89%	11%	0%	5,034,986	607,671	-
Bohl's Regional Lift Station/FM	2012	2,101,571	27,109	2,128,680	0.325	0.290	0.035	-	MGD	89%	11%	0%	1,899,438	229,242	-
Master Planning and Permitting	2013	310,867		310,867	0.500	-	0.500	-		8%	92%	0%	24,869	285,998	-
Little Barton Creek Interceptor	2013	2,851,077	36,777	2,887,854	0.267	0.038	0.229	-	MGD	14%	86%	0%	411,006	2,476,849	-
		\$ 41,401,420	\$ 530,048	\$ 41,931,467									\$ 33,645,546	\$ 8,285,921	\$ -
															TRUE

EXHIBIT C

Impact Fee Advisory Committee Recommendations

August 6, 2021

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 August 5, 2021, 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), Chet Palesko (representing wholesale water customers), and Adrian Overstreet (Developer). PUA Staff and consultants attending were: Jennifer Riechers, Agency General Manager; Jennifer Smith, Controller; Keli Kirkley, Accounting Supervisor; Nelisa Heddin, Rate Consultant; George Murfee, District Engineer, Murfee Engineering Company and Jason Baze, Murfee Engineering Company.

George Murfee presented the findings of the CIP Study and highlighted the growth anticipated and identified the proposed projects needed to meet the proposed growth. He noted to the committee that the current board is considering service outside of the historical retail service area. Nelisa Heddin then proceeded to walk the committee through the 2021 Impact Fee Analysis draft summary and presentation of the recommended 2021 Impact Fees for water and wastewater as follows:

Maximum Allowable (100%) Impact Fees per LUE

	Scenario 1 (Includes Future Debt)	Scenario 2 (Excludes Future Debt)
Hwy 71 Water Impact Fee	\$ 5,249.44	\$ 4,780.28
US 290 Water Impact Fee	\$ 8,605.11	\$ 8,135.94
Wastewater Impact Fee	\$ 12,177.11	\$ 11,218.89

Mr. Scott Roberts

Page 2

August 6, 2021

90% of Maximum Allowable Impact Fees per LUE

	Scenario 1 (Includes Future Debt)	Scenario 2 (Excludes Future Debt)
Hwy 71 Water Impact Fee	\$ 4,724.50	\$ 4,302.25
US 290 Water Impact Fee	\$ 7,744.59	\$ 7,322.35
Wastewater Impact Fee	\$ 10,959.40	\$ 10,097.00

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

1. Approve the 2021 recommended Impact Fees at 90% of the Maximum Allowable Impact Fee amount including debt less \$250.

Hwy 71 \$4,474.50

Hwy 290 \$7,494.59

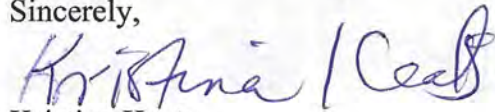
Wastewater \$10,709.40

2. Revise WTCPUA Tariff to change the timing of collection of impact fees to be when the final plat is recorded.

The IFAC expressed concern with the cash flow projections that the PUA is facing related to the proposed CIP projects and feel that debt issuance is the best option for the existing customers of the PUA.

Thank you for your consideration.

Sincerely,



Kristina Keats
Chair

VI. NEW BUSINESS

ITEM A

WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY FINANCIAL INVESTMENT POLICY

Adopted March 1, 2012
Revised September 21, 2017
Revised September 19, 2019
Revised September 16, 2021

ARTICLE I

DEFINITIONS

- 1.01. Agency. “Agency” means West Travis County Public Agency.
- 1.02. Agency Official. “Agency Official” means Agency Director, Officer, Employee or Investment Officer.
- 1.03. Board. “Board” means the Board of Directors of the Agency.
- 1.04. Business Entity. “Business Entity” means a sole proprietorship, partnership, firm corporation, holding company, joint stock company, receivership, trust or any other entity recognized by law through which business is conducted.
- 1.05. Director. “Director” means a person elected or appointed to serve on the Board of Directors of the Agency.
- 1.06. Employee. “Employee” means a person or Business Entity working for or on behalf of the Agency, including any consultant providing services as an independent contractor.
- 1.07. Investment Officer. “Investment Officer” means a person or persons appointed by the Board to handle Agency investments.
- 1.08. Officer. “Officer” means an elected or appointed officer of the Agency, including an Investment Officer.
- 1.09. Pledged Revenue. “Pledged Revenue” means money pledged to the payment of or as security for: (1) bonds or other indebtedness issued by the Agency; (2) obligations under a lease, installment sale, or other agreement of the Agency; or (3) certificate of participation in a debt obligation described by Section 1.09(1) or Section 1.09(2).
- 1.10. Professional Services Procurement Act. “Professional Services Procurement Act” means Subchapter A, Chapter 2254, Texas Government Code, as amended from time to time.

- 1.11. Public Funds Investment Act. “Public Funds Investment Act” means Chapter 2256, Texas Government Code, as amended from time to time.
- 1.12. Public Funds Collateral Act. “Public Funds Collateral Act” means Chapter 2257, Texas Government Code, as amended from time to time.

ARTICLE II

INVESTMENT POLICY

- 2.01. Scope. This Policy applies to all transactions involving the investment assets of the Agency.
- 2.02. Policy. Agency funds will be invested in compliance with applicable legal requirements, the guidelines stated in this Policy, each Agency Investment Strategy set forth on the attached Exhibit B, and the restrictions contained in the Agency’s bond resolutions. Effective cash management is recognized as a foundation of this Policy. Notwithstanding the foregoing, investment of Agency funds is limited to the types of investments set forth on the attached Exhibit A.
- 2.03. Allowable Maturities. Unless otherwise stated in Exhibit A, the maximum allowable stated maturity of any individual investment may not exceed five years. Settlement of all transactions, other than investments in investment pool funds and mutual funds, must be consummated on a delivery versus payment basis.
- 2.04. Investment Objectives. The Agency’s investment portfolio will be planned and managed to take advantage of investment interest as a source of income from all operating and capital funds. In addition, the portfolio will be managed in accordance with the covenants of the Agency’s bond resolutions, including covenants with respect to the arbitrage regulations under the U.S. Internal Revenue Code. Consideration will be given to the following objectives:
 - A. Safety of capital: The primary objective of the Agency is to ensure the preservation and safety of principal.
 - B. Liquidity: The Agency will maintain sufficient liquidity to ensure the availability of funds necessary to pay obligations as they become due.
 - C. Return on investment: The Agency will seek to optimize return on investments within the constraints of safety and liquidity.
 - D. Standard of Care: The Agency will seek to ensure that all persons involved in the investment process act responsibly in the preservation of Agency capital. Agency investments will be made with the exercise of judgment and care, under

circumstances then prevailing, which persons of prudence, discretion and intelligence exercise in the management of their own affairs, not for speculation, but for investment, considering the probable safety of their capital as well as the probable income to be derived.

The Agency shall also follow the investment objectives found in the Investment Strategy set forth on the attached Exhibit B.

- 2.05. Investment Officer(s); Quarterly Report. Purchases and sales of Agency investments may only be initiated by the Investment Officers appointed by resolution of the Board. Any Agency's Investment Officer will be required to attend training, in compliance with the Public Funds Investment Act, from an independent source approved by the Board that includes education in investment controls, security rights, strategy rights, market rights, and compliance with the Public Funds Investment Act. The Board may authorize the Investment Officers to invest and reinvest funds of the Agency in accordance with this Policy. The Investment Officers must submit a written report to the Board on at least a quarterly basis, which ~~sets forth all investment transactions during the previous quarter, and which~~ complies with the requirements of the Public Funds Investment Act.
- 2.06. Acknowledgement Required. Any business that desires to sell investments to the Agency must be given a copy of this Policy, and a principal of the Business Entity must execute a written instrument stating that he or she:
- A. Has received and thoroughly reviewed this Policy; and
 - B. Acknowledges that his or her organization has implemented reasonable procedures and controls in an effort to preclude "imprudent investment activities" from arising between his or her organization and the Agency.
- 2.07. Collateralization. Funds held at a bank or trust company that are not invested must be at a minimum collateralized by collateral securities set forth in the Public Funds Collateral Act, to the extent not covered by the Federal Deposit Insurance Corporation (FDIC), the Federal Savings and Loan Insurance Corporation (FSLIC), or their successors.
- 2.08. Bond Proceeds and Pledged Revenue. The Agency's Investment Officers may invest bond proceeds or pledged revenue only to the extent permitted by the Public Funds Investment Act, in accordance with:
- A. Statutory provisions governing the debt issuance or the agreement, as applicable; and
 - B. The Agency's Investment Policy.
- 2.09. Review. This Policy and investment performance and security will be reviewed and evaluated at least annually by the Board, or more frequently upon the request of any

Director. Following its annual review, the Board will adopt a written resolution confirming its review of the Policy and the investment strategies contained in this Policy.

ARTICLE III

FINANCIAL MANAGEMENT

- 3.01. Accounting Records. The Agency's financial records will be prepared on a timely basis and maintained in an orderly manner, in conformity with generally accepted accounting principles. These records will be available for public inspection during regular business hours at the Agency's office.
- 3.02. Budget. The Agency will adopt and manage an annual budget for use in planning and controlling Agency costs in accordance with its Budget Policy. This budget will take into consideration all Agency revenues, including utility rates fees, and surcharges, if any, and all projected Agency obligations and expenditures. The Agency manager will provide a comparison of budgeted to actual expenditures and revenues for review on a monthly basis. The approved budget will be reviewed by the Board at least quarterly and all necessary revisions to the budget will be approved by majority vote of the Board.
- 3.03. Other. The Agency's authorized brokers and Agency depositories are set forth on the attached Exhibit C.
- 3.04. Agency Rules and Policies. In addition to this Investment Policy, the Agency will adopt Rules and Policies to provide guidance on the financial management of Agency funds.

EXHIBIT A
AUTHORIZED INVESTMENTS

1. The following obligations of governmental entities and obligations guaranteed by governmental entities are allowed:
 - a. Obligations of the United States or its agencies and instrumentalities;
 - b. Direct obligations of the State of Texas or its agencies and instrumentalities;
 - c. Collateralized mortgage obligations directly issued by the federal government, the underlying security for which is guaranteed by the United States with certain exceptions set forth in the Public Fund Investment Act.;
 - d. Other obligations backed by the full faith and credit of the United States; and
 - e. Obligations of states, agencies, counties, cities and other political subdivisions having not less than an “A” rating from a nationally recognized investment rating firm.
2. Certificates of deposit issued by a bank or savings and loan association doing business in Texas guaranteed by the Federal Deposit Insurance Corporation or the obligations set forth above in 1.
3. Repurchase agreements with a defined termination date, secured by obligations set forth in 1 and placed through a primary government securities dealer or a financial institution doing business in Texas.
4. Bankers’ acceptance with a stated maturity of 270 days or less that will be liquidated in full at maturity, is eligible for collateral for borrowing from a Federal Reserve Bank, and is accepted by a bank organized and existing under the laws of the United States or any state, if the short-term obligations of the bank, or of a bank holding company of which the bank is the largest subsidiary, are rated not less than A-1 or P-1 or an equivalent rating by at least one nationally recognized credit rating agency.
5. Commercial paper with a stated maturity of 365 days or less from the date of its issuance, and is rated not less than A-1 or P-1 or an equivalent rating by at least two nationally recognized credit rating agencies, or one nationally recognized credit rating agency and is fully secured by an irrevocable letter of credit issued by a bank organized and existing under the laws of the United States or any state.
6. Corporate bonds which are senior secured debt obligations issued by a domestic business entity and rated not lower than AA- or the equivalent by at least one nationally recognized credit rating agency and have a stated final maturity that is not later than the third anniversary of the date the corporate bonds were purchased.

7. Money market mutual funds that are no-load and: (a) are regulated by the Securities and Exchange Commission (SEC); (b) have provided the Agency with a prospectus and other information required by the Securities Exchange Act of 1934 and the Investment Company Act of 1940; (c) have an average weighted maturity of 90 days or fewer; and (d) have an investment objective of maintaining a stable net asset value of \$1 per share.
8. Other types of mutual funds which are no-load and: (a) are registered with the SEC; (b) have an average weighted maturity of less than 2 years; (c) are invested exclusively in obligations approved by this Act; (d) have a AAA rating; and (e) meet certain requirements of investment pools, as set forth in the Public Funds Investment Act.
9. Public funds investment pools which meet the criteria as set forth in the Public Funds Investment Act, and must be continuously rated no lower than AAA or AAA-m or at an equivalent rating by at least one nationally recognized rating service, and have an investment objective of maintaining a stable net asset value of \$1 per share.

EXHIBIT B

INVESTMENT STRATEGIES

Investment Strategies in order of priority:

A. Investment requirements by fund.

1. General Operating Fund. The Agency will maintain funds in the general checking account at its depository, or any qualified money market fund to cover approximately three months operating requirements. The remaining funds may be deposited into acceptable investments to meet the operating requirements of the Agency, as determined by the annual operating budget adopted by the Board
2. Facilities Fund. The Agency will provide funds in the general checking account at its depository, or any qualified money market fund to meet fund operating requirements. The remaining funds may be deposited into acceptable investments that meet the requirements of this Investment Policy.
3. Rate Stabilization Fund. The Agency will provide funds in the general checking account at its depository, or any qualified money market fund to meet fund operating requirements. The remaining funds may be deposited into acceptable investments that meet the requirements of this Investment Policy.
4. Impact Fee Fund. The Agency will provide funds in the general checking account at its depository, or any qualified money market fund to cover required transfers to the Debt Service Fund or direct payments for capital improvement projects (CIP). The remaining funds may be deposited into acceptable investments that meet the requirements of this Investment Policy.
5. Debt Service Fund. The Agency will provide sufficient funds in the general checking account at its depository, or any qualified money market fund to cover required debt service payments. Reserve funds required by bond covenants may be deposited into acceptable investments that meet the requirements of this Investment Policy with a maximum maturity limitation of 6 months. The remaining funds may be deposited into acceptable investments that meet the requirements of this Investment Policy.
6. Capital Projects Fund. The Agency will provide sufficient funds in the general checking account at its depository, or any qualified money market fund to cover required capital project expense payments. The remaining funds may be deposited into acceptable investments that meet the requirements of this Investment Policy.

B. Suitability. The Agency's Investment Officers must understand the Agency's financial requirements. Appropriate investments will be made to meet the needs of the Agency.

- C. **Preservation of Capital.** A safe investment will allow the Agency to recover every dollar invested.
- D. **Liquidity.** The Agency's Investment Officers must invest in securities that are easily and rapidly converted into cash without a substantial loss of value.
- E. **Investment Marketability Requirements.** All investments must be "marketable" in case the need arises to liquidate an investment before maturity.
- F. **Maximum Maturities.** To the extent possible, the Agency will match its investments with anticipated cash flow requirements. As required by the Public Funds Investment Act and the Agency's Financial Investment Policy, certain investments will have maturity limitations.
- G. **Diversification.** There will be no defined level of investment diversification as long as all funds of the Agency are invested in accordance with these strategies.
- H. **Yield.** Agency funds must be invested to obtain the maximum yield for each time frame taking into consideration the priority of preservation and safety of the principal and the liquidity of the investment. Agency funds may be pooled between funds when possible to maximize yields as long as proper accounting records of all transactions are maintained at the fund level.
- I. **Annual Review of Investment Strategies.** The Board will review these strategies at least annually. Any changes deemed necessary by the Board at the time of each review will be reflected in an amendment to these strategies.

EXHIBIT C
LIST OF AUTHORIZED BROKERS

ABC Bank	Herring Bank
Allegiance Bank	Hometown Bank, N.A.
Amegy Bank of Texas, N.A.	Houston Community Bank N.A.
BB & T Branch Banking & Trust Company	Icon Bank
Bank of America N.A.	Independent Bank
Bank of New York- Mellon	International Bank of Commerce
Bank of Texas N.A.	Inter National Bank
BBVA Compass Bank	JP Morgan Chase
Business Bank of Texas	Legacy Texas Bank
Cadence Bank	Lone Star Bank
Capital Bank of Texas	Lone Star Investment Pool
Capital Markets Group	Metro Bank, N.A.
Capital One	Moody National Bank
Central Bank	New First National Bank
Chasewood Bank	North Star Bank of Texas
Citibank N.A.	Omni Bank N.A.
Comerica Bank	Pioneer Bank
Comerica Securities	Plains Capital Bank
Commercial State Bank	Plains State Bank
Community Bank of Texas	Post Oak Bank
Community Trust Bank	Preferred Bank
Coastal Securities	Prosperity Bank
First Bank of Texas	R Bank
First Citizens Bank	Regions Bank
First Financial Bank, N.A.	Southwest Securities
First National Bank of Texas	Sovereign Bank
First State Bank of Central Texas	Spirit of Texas Bank
First Texas Bank	State Bank of Texas
Frost National Bank	State Street Bank & Trust Co.
Green Bank	Sterling Capital Management LLC

Stifel Nicolaus

Tex Star Investment Pool

Texan Bank

Texas Capital Bank N.A.

Texas Class

Texas Citizens Bank

Texas Exchange Bank

Texas First Bank

The Independent Bankers Bank

Texas Savings Bank

Texpool/Texpool Prime

The Bank of River Oaks

The Right Bank for Texas

Third Coast Bank

Truist Bank

Truist Financial Corporation

Trustmark National Bank

United Bank of el Paso Del Norte

United Texas Bank

Unity National Bank

U. S. Bank

Wells Fargo Bank, N.A.

Wells Fargo Brokerage Services, LLC

Wells Fargo Trust

Westbound Bank

West Star Bank

Whitney Bank

Woodforest National Bank

ITEM B



Statement of Qualifications EFFLUENT MANAGEMENT MASTER PLAN

PRESENTED TO:

West Travis County Public Utility Agency

13215 Bee Cave Road

Building B, Suite 110

Bee Cave, Texas 78738

May 14th, 2021



CIVIL ENGINEERING ★ DEVELOPMENT CONSULTING ★ PROJECT MANAGEMENT



TABLE OF CONTENTS

Introduction	1
Approach and Deliverables	1
Effluent Demand Projections	2
Source Analysis.....	3
Current Capacity Evaluation.....	3
Final Report	4
Timeline.....	5
Work History	5
Headwaters Utility Master Plan	5
West Travis County Public Utility Agency Wastewater and Effluent System Engineering	6



Introduction

The West Travis County Public Utility Agency (WTCPUA) Effluent Management Master Plan provides an excellent opportunity for the team at Malone/Wheeler to showcase a number of competencies and passions it has related to the engineering work involved with this project, not to mention a long working history with and deep knowledge of the WTCPUA wastewater collection and treatment and effluent distribution planning and management. Our team are experts in feasibility analyses, wastewater master planning, capital plan development, permitting, and cost estimation, and have the complementary qualification of deep and unique knowledge of the WTCPUA existing infrastructure, ongoing projects, planning and development, CIP, management strategy, and operations. Technical expertise and comfort in the saddle at the head of similar efforts all contribute to supreme qualification and eager interest in playing a role in forward-thinking initiatives such as these.

Approach and Deliverables

The Malone/Wheeler approach to project initiation begins with development of an execution plan that can be used to manage and navigate the process. It is always useful to identify the endpoint and deliverables so that those can be kept in sight regardless of where on the project delivery arc the team is at any point in time. The scope of this project has elements that can proceed concurrently as well as some that need to be informed by other components of the analysis, which affords flexibility in management to the successful endpoint. The following sections will describe more particularly how our team views the approach to each task as well as how each one fits in the overall project context.

The Malone/Wheeler team is well seasoned in all elements of this project, from fundamental understanding of the needs and goals of the project to execution of each step and how a well-informed and robust plan is built from the various pieces of the analysis. Utility service master planning, projection of demands, identification of needed capacity, development of capital plans to satisfy needs, understanding of infrastructure at the project detail level, and a background understanding of how the WTCPUA objectives are applied to effluent management are all tools Malone/Wheeler has at the ready and is comfortable and familiar working with.

Effluent Demand Projections

The first step is an analysis of demands. A complex matrix of demands exist, including existing and planned future, potential developable demands, and those that serve as management strategies for effluent disposal. Complicating the data analysis is the fact that, due to the nature of the irrigation conducted by the contracted effluent management partners as also the sole outlet for effluent disposal, the historical data for irrigation under the TLAP is not an accurate model of true irrigation demands, but includes the influence of additional irrigation at times when the cover crop does not necessarily require irrigation but it must be disposed of.



The WTCPUA effluent distribution system supplies existing uses with high seasonal variations, including primarily irrigation water. It is also planned to satisfy more seasonally stable demands, such as the source water for the proposed Beneficial Water Recycling (BWR) facility. The City of Bee Cave and the Lake Travis Youth Sports Association in exploring reclaimed irrigation sources for Bee Cave Central Park and the Field of Dreams, respectively. Irrigation and each planned or potential demand will be evaluated for base requirements as well as utility as a management tool via potential to accept effluent during periods of excess supply. Corridors of potential effluent service development will be identified and the possible demands within those corridors estimated, such that delivery infrastructure planning may be adapted as demands may change. The goal, as it was with the development of the BWR plant concept, is to provide the WTCPUA increased flexibility and autonomy in managing effluent disposal within the context of its greater water resources management picture.

An efficient deliverable suitable to this task would be an exhibit (map or set of maps) that depict the elements of study. Demand projections are often presented in table format, which table could be incorporated into the exhibit as well as presented separately. A summary of methodology to establish the basis of the work and present a narrative of the process will be included in a final report, to which any map or exhibit would be appended. Following establishment of existing and projected demands, sources will be evaluated.

Source Analysis

The WTCPUA reclaimed water system is a production, storage, diversion, and delivery system of combined effluent and raw water sources, the contributions of which vary seasonally. Both sources for the system will be analyzed as well as the requisite rights associated with them (i.e., LCRA Firm Water Contract). A complete reclaimed water system hydraulic model will be developed to inform all aspects of the analysis. Diversion and delivery infrastructure capacity will be modeled to determine and plan peak capacity. Existing and potential future storage facilities will also be modeled to balance the seasonal nature of the demand against minimum winter disposal requirements and examine the cost-benefit of expanding system storage capacity.

Since the WTCPUA is currently in development of Land Use Assumptions (LUA) and a Capital Improvements Program (CIP) as a part of its 2021 Impact Fee Study, current planning information will be available and closely coordinated to ensure all WTCPUA planning efforts are in sync.

Current Capacity Evaluation

An evaluation of the current infrastructure capacity begins with a database of the system components and a pairing with relevant design parameters to generate maximum capacity of each individual element. From these systems of elements are aggregated to determining limiting features and investigate if the limitations can be alleviated cost efficiently with focused improvements. The Malone/Wheeler team has extensive experience in system capacity analyses in support of service extension requests, which follow this exact methodology, albeit with different desired outputs.



The existing and potential future reclaimed water service area will be analyzed as described above to accurately model existing infrastructure, capture opportunities to efficiently use relocation projects associated with roadway expansions, determine and rank developable service corridors for reclaimed use, align with water and wastewater CIP planning, identify desirable sites for win-win partnerships, maximize WTCPUA existing assets and resources, and conduct alternatives analysis on infrastructure planning efforts.

Land application areas are a part of this analysis and treated as a system component using appropriate design limitations. Existing infrastructure and logical corridors feed area analysis for potential expansion of land application options. Land features including slopes, proximity to waterways, vegetative cover, and drainage patterns establish potential water quality and environmental impacts. All options are investigated with openness to a variety of potential uses, which can reveal themselves through proximity, existing uses, or unique and/or particular features of an area. Identification of potential land application areas and other beneficial uses of tertiary wastewater effluent is a process the Malone/Wheeler team has performed repeatedly for private clients seeking to optimize land use as well as public utilities looking for robust and reliable systems for maintaining compliance.

The expected deliverable here is an infrastructure development plan which includes identification of specific improvements/projects or project groups as well as a timeline for implementation to meet the expected demands forecasted above.

Final Report

The Malone/Wheeler approach to report deliverable production is to develop an outline for the deliverable product conceptually first and use that as a framework to identify and organize specific task work and build the end product. This organizational approach is fundamental to building any written product and as a standard method, Malone/Wheeler has found it to be consistently organized, efficient, and effective. The deliverable product will be an Effluent Management Master Plan document that includes a



report outlining the goals, approach, strategy, methodologies, analysis, results, and conclusions and recommendations, as well as supporting appendices that include maps, tables, and exhibits to provide the details identifying projects, costs, service area and proposed infrastructure plan, phasing, permitting, etc.



Timeline

In order to advance the project effectively, identification of milestones to track progress and keep the deliverables on track is an important component of project management. Malone/Wheeler proposes in Table 1 below the conceptual schedule of internal and external milestones assuming a start in mid-June.

Table 1: Project Execution Milestones

Milestone	Process Track	Date
Report Outline Delivery	Internal	July 23 rd
Draft Demand Schedules	External	August 6 th
Initial Model Development	Internal	August 20 th
Draft infrastructure plan	External	September 10 th
Draft Cost Estimates	Internal	September 24 th
Finalize Infrastructure plan	Internal	October 8 th
Draft Report Delivery	External	October 22 nd
Final Report Delivery	External	November 5 th

Work History

The main consulting team proposed for this project are from the experienced leadership team of Malone/Wheeler. President Jesse Malone, P.E. and Vice President Dennis Lozano, P.E. will provide the project direction and perform the meat of the analysis, with support from capable staff to assist in efficient project delivery. Resumes for Messrs. Malone and Lozano are included in the Appendix. Two example projects shed some light on the experience of the consultant team that will be brought to this project.

Headwaters Utility Master Plan

The Utility Master Plan for Headwaters, developed by Mr. Malone, is a comprehensive plan to provide water and sewer service to the future residents and customers of the Headwater Municipal Utility District. The District itself is made up a just over 1,500 acres and at ultimate buildout is planned to have 1,000 residential homes and 300 Living Unit Equivalents of retail, office and multi-family uses. The project 3 lift stations, 10,000 LF of 8" forcemain, a 5-phase wastewater treatment plant with "no discharge" drip irrigation removal, over 50,000 LF of 16", 12" and 8" water lines. Master planning efforts for the project included evaluation of existing and estimation of future sewer and water system demand, preparation of engineering models for water and sewer improvements to provide service to future customers in the District, and preparation of cost estimates for future system expansion. A unique aspect of this project was the evaluation of the existing lift stations to identify piping, wet well and SCADA upgrades to optimize the use of the existing improvements and identify future improvements to provide service to future

demands of the District. The planning effort involved the preparation of water models, wastewater models, preliminary engineering designs and construction cost estimate preparation.

Engineering models for water distribution and sewer collection system were prepared by Mr. Malone. This involved evaluation of multiple scenarios for demand and service in order to better determine the possible water system and wastewater system improvements in effort to identify the most cost-effective solutions for the system. Mr. Malone worked with the utility operator to collect usage data on the existing system. This data was incorporated into the system models and also used to develop recommendations for future system demands based on the usage of different customers. Cost estimates were also prepared by Mr. Malone utilizing Malone/Wheeler's internal database of recent public bids for utility improvements. Recommendations for master plan improvements were then made by Mr. Malone. This project is an ongoing project as the system is evaluating adding and additional 900 LUEs of residential homes 500 LUEs of commercial developed area. Mr. Malone is managing the design team to evaluate the previously prepared models and master engineering recommendations to accommodate these anticipated additional system needs.

West Travis County Public Utility Agency Wastewater and Effluent System Engineering

Mr. Lozano served as the District Engineer for the WTCPUA from 2012 to 2021 and has been involved in if not directly responsible for all aspects of the engineering work and system history relevant to preparation of the proposed Effluent Management Master Plan. Mr. Lozano was involved in early efforts to mitigate the compliance issues inherited from the previous system owner, including high-level planning and consulting as well as detailed design work. Mr. Lozano was responsible for investigating potential leaks in the Spillman Effluent Pond liner, conducting research, field visits, and coordinating water quality analyses to determine the source of the seepage. Mr. Lozano has always taken a hands-on approach to engineering work that has developed





a highly detailed knowledge of particulars, while being able to maintain big-picture perspective that informs policy and management decisions.

It was this hands-on approach that resulted in Mr. Lozano being the individual to identify catastrophic tears in the Spillman Effluent Storage Pond liner that led to an emergency rescheduling of the liner replacement project administrated by another consultant. The project had been placed on hold to maintain the capacity of the Spillman Pond online in case of a need to use it. The catastrophic tears in the liner rendered the pond useless for effluent storage and meant that the berms that form the pond could be undermined or compromised had the WTCPUA attempted to use the pond for storage as planned. Mr. Lozano's field visit and documentation of the issue prevented a potential disaster. The project was immediately reprioritized since the premise underlying the schedule (the ability to use the pond in the winter) was discovered by Mr. Lozano to be false.

Mr. Lozano personally developed the effluent management spreadsheet used in the weekly guidance to effluent irrigation partners regarding effluent management. He has worked with operations and management over the years to understand how it is used and optimize it to fit with their needs.

Mr. Lozano was the lead on development of formal impact fee studies for the West Travis County Public Utility Agency for all three studies conducted in its history: 2012, 2014, and 2018, including development of the framework as well as conceptualization and identification of wastewater CIP. The impact fee process includes nearly all the significant elements of the effort that is the subject of this RFQ and demonstrates a deep knowledge of WTCPUA infrastructure planning.

In addition to this brief history, which is the tip of the iceberg in terms of Mr. Lozano's institutional knowledge on the WTCPUA effluent management system, Mr. Lozano has a history of positive working relationships with individuals at every contact point of WTCPUA effluent management. From the District Engineer and his staff to other WTCPUA consultants, operations staff to golf course superintendents, regulators to stakeholders, Mr. Lozano is familiar and friendly with individuals across the spectrum of WTCPUA effluent engagement.



APPENDIX MATERIALS



CIVIL ENGINEERING ★ DEVELOPMENT CONSULTING ★ PROJECT MANAGEMENT

DENNIS LOZANO, P.E.

VICE PRESIDENT

Areas of Expertise

- Facilities master planning
- Special districts engineering including creation, operations, and financing

Education

Bachelor of Science, Biology
Master of Science, Engineering
University of Texas at Austin

Registration

Texas No. 106147

Professional Memberships

Water Environment Federation
American Society of Civil Engineers
American Waterworks Association
Greater Austin Contractors &
Engineers Association

City of Residence

Austin, Texas

Mr. Lozano is a licensed Professional Engineer, and a graduate of the University of Texas at Austin. He brings over a decade of engineering expertise in facilities master planning, and special district engineering.

Professional Expertise

- Permitting and approvals with jurisdictions including: TCEQ, City of Austin, City of Bee Cave, City of Dripping Springs, Hays & Travis Counties, LCRA, Emergency Services Districts, TxDOT, etc.
- Preparation and processing of TPDES and TLAP applications, including new permits, renewals, and minor and major amendments.
- Contested case hearing expert witness testimony and protestant settlement agreement negotiations for TPDES & TLAP approvals.
- Applicant representation at Public Meetings conducted by SOAH for TLAP applications.
- Firm water contract management including drought contingency and water conservation planning
- Planning and design of all aspects of municipal water and wastewater infrastructure including water and wastewater treatment plants, pump stations, lift stations, elevated and ground storage facilities, hydropneumatic systems, water distribution and wastewater collection lines, etc.
- Cost estimation, scheduling, value engineering, process optimization, evaluation, rehabilitation, expansion, and conversion of water and wastewater systems and components.
- Contract document preparation and contract administration

Water and Wastewater Experience

2004 – Present: Responsible for engineering analysis, permitting, and design/specification of utility infrastructure facilities in the Central Texas area.

Areas of expertise include: process design and specification, Texas Land Application Permit and Texas Pollutant Discharge Elimination System application analysis, preparation, and approvals; Reclaimed Water Use (210) Authorizations; effluent management master planning and operations analysis; etc.

A brief list follows:

- West Travis County Public Utility Agency Lakepointe Wastewater Treatment Plant (WWTP)
- West Travis County Public Utility Agency Bohls WWTP
- West Travis County Public Utility Agency Uplands Water Treatment Plant (WTP)
- Reunion Ranch WWTP
- Travis County MUD No. 4 WTP
- Travis County MUD No. 4 South WTP
- Travis County MUD No. 4 WWTP
- Travis County MUD No. 4 South WWTP
- Falconhead West Lift Stations (5)
- Travis County WCID No. 20 WTP
- Wilbarger Creek MUD No. 2 WWTP
- Rocky Creek Utilities WWTP
- Vista MUD WTP
- Vista MUD WWTP
- Highlands of Salado WWTP
- Niederwald WWTP
- EB Windy Hill WWTP
- Senna Hills MUD WWTP
- Windermere WWTP



JESSE MALONE, P.E.

PRESIDENT

Areas of Expertise

- Civil site design for commercial , governmental and residential developments
- Sustainability engineering and science planning

Number of Years with Firm

15

Education

Bachelor of Science,
Civil Engineering
University of Colorado – Boulder

Registration

Texas No. 108734

Professional Organizations

Austin Contractor and Engineers
Association
American Society of Civil Engineers
Home Builders Association
Real Estate Council of Austin
Urban Land Institute

Professional Expertise

Mr. Malone has produced civil engineering designs for a variety of projects in the public and private sectors. Projects which Mr. Malone has worked on include numerous projects ranging from large single- family subdivisions to complex site plans and roadway projects. Engineering design work performed by Mr. Malone on these projects has included:

- Preparation and analysis of water models for transmission and distribution networks,
- Water transmission and distribution pipe design,
- Wastewater force main design,
- Lift station design and gravity wastewater/interceptor design,
- Low pressure sewer modeling and design,
- Storm sewer, channel and drainage network modeling and design,
- Detention modeling and design,
- Design of temporary and permanent water quality best management practices,
- Roadway design,
- City of Austin Permitting; FEMA floodplain permitting,
- Preparation of technical reports,
- Cost estimating,
- Project schedule development

Work Experience in both public and private sector development and improvement project has allowed Mr. Malone to excel at recognizing project challenges early and quickly taking steps to ensure that a project is completed on time and on budget.

Project Management services provided by Mr. Malone have included preparation of contract Bid Documents; Bidding support and evaluation; review of contractor pay applications; issuance of change orders; review of contractor submittal; site inspections; preparation of field change documents; development of project baseline schedules; project management and coordination with the contractor, owner and other design consultants; permitting; master planning; and project presentation to P&Z and City Council.

ITEM C



Murfee Engineering Company

August 26, 2021

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: Sawyer Ranch 1340 Conversion Water Main CIP Project
Bid Tabulation and Recommendation of Award
MEC File No. 11051-134

President Roberts and Board:

Bids for the above-referenced project were opened at 11:00 a.m. on August 19, 2021 at the office of Murfee Engineering Company in accordance with the Notice to Bidders and applicable provisions of the Texas Water Code and Local Government Code. Two (2) bids were submitted, summarized as follows and detailed in the attached bid tabulation:

<u>Bidder</u>	<u>Base Bid</u>
Qro Mex Construction Company, Inc.	\$1,277,720.50
M&C Fonseca Construction Company, Inc.	\$1,296,766.00

We have reviewed the pricing submitted by each bidder, along with their bid security and qualifications, to determine which bid will likely result in the best and most economical completion of the Project. In consideration of the best interests of the PUA, and based on the demonstrated experience, and reference checks, we recommend that this contract be awarded to the low bidder, Qro Mex Construction, in the total base bid amount. Please call if you have any questions or need any additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Stephen Jones', with a long horizontal flourish extending to the right.

Stephen Jones, P.E.

Attachment: Bid Tabulation
Affidavit of Publication

cc:

Jennifer Riechers – WTCPUA
George Murfee, P.E. – MEC

jriechers@wtcpua.org
gmurfee@murfee.com

Bid Tabulation - August 19, 2021**Construction of Sawyer Ranch 1340 Conversion Water Main for West Travis County PUA**

MEC Project No. 11051-134

				Qro Mex Construction Co.		M&C Fonseca Construction	
Item No.	Description of Item	Contract Quantity	Unit	Unit Price	Total Amount	Unit Price	Total Amount
EROSION & SEDIMENTATION CONTROL ITEMS							
1.	Silt Fence	2,400	LF	4.00	9,600.00	5.00	12,000.00
2.	Rock Berm	100	LF	54.00	5,400.00	55.00	5,500.00
3.	Stabilized Construction Entrance	2	Each	1,800.00	3,600.00	1,250.00	2,500.00
4.	LOC Restoration / Hydromulch Seeding	21,200	SY	0.80	16,960.00	1.00	21,200.00
5.	Soil Retention Blanket (TRM)	200	SY	16.00	3,200.00	9.00	1,800.00
6.	SWPPP Compliance	1	LS	12,000.00	12,000.00	10,000.00	10,000.00
EROSION & SEDIMENTATION CONTROL ITEMS SUBTOTAL					50,760.00		53,000.00
WATER ITEMS							
7.	8" Ductile Iron Water Main (Unrestrained)	5,660	LF	82.00	464,120.00	85.00	481,100.00
8.	8" Ductile Iron Water Main (Restrained Joint)	513	LF	98.00	50,274.00	90.00	46,170.00
9.	16" Steel Encasement Pipe Installed by Boring	1,174	LF	340.00	399,160.00	425.00	498,950.00
10.	Fire Hydrant Assembly	2	Each	6,900.00	13,800.00	6,250.00	12,500.00
11.	AVV/ARV Assembly & Vault	2	Each	4,600.00	9,200.00	4,500.00	9,000.00
12.	PRV Assembly & Vault	1	Each	12,300.00	12,300.00	25,000.00	25,000.00
13.	20" x 8" Tapping Sleeve & Valve	1	Each	28,000.00	28,000.00	16,500.00	16,500.00
14.	8" Gate Valve & Box	9	Each	2,800.00	25,200.00	2,700.00	24,300.00
15.	1"/2" Service Tap/Lead; Disconnect Lead from Existing Water Main and Connect to Proposed 8"	8	Each	1,900.00	15,200.00	4,000.00	32,000.00
16.	Remove Existing Fire Hydrant Assembly; Plug and Abandon Existing 6" Lead	2	Each	600.00	1,200.00	1,800.00	3,600.00
17.	Wet Connection -- Cut Into Existing 6" Water Main and Connect to Proposed 8" Water Main (8" x 6" Tee); Plug and Abandon in Place Remaining Existing Water Main	2	Each	4,200.00	8,400.00	2,200.00	4,400.00
18.	Wet Connection -- Cut-In 45° Bend(s) on Existing Water Main; Plug and Abandon in Place Existing Water Main	2	Each	4,800.00	9,600.00	2,200.00	4,400.00
19.	Wet Connection -- Remove Existing Plug and Connect to Existing 6" Water Main (White Wash Way)	1	Each	3,800.00	3,800.00	2,200.00	2,200.00
20.	Disinfection and Testing	6,173	LF	2.50	15,432.50	1.00	6,173.00
21.	Trench Safety	6,173	LF	3.00	18,519.00	1.00	6,173.00
WATER ITEMS SUBTOTAL					1,074,205.50		1,172,466.00
MISCELLANEOUS ITEMS							
22.	Bonds & Insurance	1	LS	80,000.00	80,000.00	25,000.00	25,000.00
23.	Construction Permitting	1	LS	10,000.00	10,000.00	3,500.00	3,500.00
24.	Project Installation Plan & Schedule	1	LS	6,700.00	6,700.00	1,000.00	1,000.00
25.	Orange Construction Fence	500	LF	4.00	2,000.00	5.00	2,500.00
26.	Temporary Chain Link Fence	500	LF	8.00	4,000.00	25.00	12,500.00
27.	Coordination with Property Owners for Service Meter Connections	1	LS	7,800.00	7,800.00	800.00	800.00
28.	Coordination with Power Company	1	LS	2,000.00	2,000.00	1,000.00	1,000.00
29.	Coordination with WTCPUA Staff	1	LS	6,700.00	6,700.00	1,000.00	1,000.00
30.	Traffic Control	1	LS	25,555.00	25,555.00	21,000.00	21,000.00
31.	Temporary Drainage Control	1	LS	8,000.00	8,000.00	3,000.00	3,000.00
MISCELLANEOUS ITEMS SUBTOTAL					152,755.00		71,300.00
CONTRACT TOTAL					1,277,720.50		1,296,766.00
ALTERNATE ITEMS							
1.	Temporary Irrigation System	1	LS	10,000.00	10,000.00	6,000.00	6,000.00

Austin American-Statesman

statesman.com

PROOF OF PUBLICATION STATE OF TEXAS

PUBLIC NOTICE

Before the undersigned authority personally appeared James Mickler, who on oath says that he/she is a Legal Advertising Agent of the Austin American-Statesman, a daily published newspaper that is generally circulated in Bastrop, Bell, Blanco, Burnet, Caldwell, Comal, Coryell, Fayette, Gillespie, Guadalupe, Hays, Kerr, Lampasas, Lee, Llano, Milam, Travis, and Williamson Counties, and State of Texas, and that the attached advertisement was published in said newspaper, to wit: MURFEE ENGINEERING CO INC, first date of publication 08/05/2021, last date of publication 08/12/2021, published 2 time(s), and that the attached is a true copy of said advertisement.

MURFEE ENGINEERING CO INC
1101 S CAP OF TX HWY
BLDG D 110
AUSTIN, TX 78746

Invoice/Order Number:	0000652681
Ad Cost:	\$654.06
Paid:	\$0.00
Balance Due:	\$654.06

Signed

James Mickler

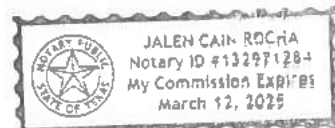
(Legal Advertising Agent)

Sworn or affirmed to, and subscribed before me, this 16th day of August, 2021 in Testimony whereof, I have hereunto set my hand and affixed my official seal, the day and year aforesaid.

Signed

Jalen Cain
(Notary)

Please see Ad on following page(s).



MURFEE ENGINEERING CO INC
1101 S CAP OF TX HWY
BLDG D 110
AUSTIN, TX 78746

Invoice/Order Number:	0000652681
Ad Cost:	\$654.06
Paid:	\$0.00
Balance Due:	\$654.06

Notice to Bidders

Sealed bids addressed to West Travis County Public Utility Agency will be received at the office of Murfee Engineering Company, Inc., 1101 S. Capital of Texas Hwy., Bldg. D, Austin, Texas 78746, until 11:00 a.m. local time on Thursday, August 19, 2021, and then publicly opened and read aloud for furnishing all plant, labor, material, and equipment, and performing all work required for the CONSTRUCTION OF SAWYER RANCH 1340 CONVERSION WATER MAIN FOR WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY. Bidding documents may be viewed and downloaded free of charge (with the option to purchase hard copies) at the CivCastUSA Website (www.CivCastUSA.com).

Prospective Bidders should read and understand all terms and conditions contained in the Contract Documents before submitting a Bid. Bids must be accompanied by a bid bond made payable to Owner drawn for at least five percent (5%) of the total amount bid. Owner reserves the right to reject any or all Bids and to waive any informalities and irregularities in Bids received.

8/5, 8/12/21
0000652681-01



Murfee Engineering Company

September 16th, 2021

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

Re: WTCPUA Permanganate Chemical Feed Relocation
Bid Tabulation and Recommendation of Award

President Roberts and Board of Directors:

Sealed bids for the above-referenced project were opened and publicly read aloud at 2:00 PM on August 24th, 2021 at the offices of Murfee Engineering Company, Inc. The total amount base bids are summarized below. A detailed bid tabulation is attached.

<u>Company</u>	<u>Base Bid</u>
G Creek Construction	\$779,515.80

The Invitation for Bids was advertised in accordance with Texas Water Code and Local Government Code rules for procurement; the Affidavit of Publication from the Austin American-Statesman is attached.

We have reviewed the bid packages for conformance with the Contract Documents and recommend award of the contract to the low bidder G Creek, Inc. for the total base bid amount of \$779,515.80. Should you have any questions or require any additional information, please contact me at your convenience.

Sincerely,


Jason Baze, P.E.

Attachments: Bid Tabulation
Affidavit of Publication
CC: George Murfee, P.E. – MEC
MEC File No. 11051-130



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

Engineer: Murfee Engineering Company, Inc.
1101 Capital of Texas Hwy., South, Building D
Austin, Texas 78746
Texas Registered Firm No. F-353

BID TABULATION

Project: Permanganate Chemical Feed Relocation
Project Man Jason Baze, P.E.
Project Num 11051-130

Bid Opening

Date: 8/24/2021

Time: 2:00 p.m.

Location: Murfee Engineering Company



				G Creek Construction	
				9033 South IH 35	
				Austin, TX 78744	
Item No.	Quantity	Units	Description	Unit Price	Total Price
ES-1	356	SY	LOC Restoration	\$ 25.00	\$ 8,900.00
ES-2	215	LF	Silt Fence	\$ 8.00	\$ 1,720.00
W-1	2	EA	Chemical Pump Skid	\$ 47,500.00	\$ 95,000.00
W-2	3	EA	Day Tank	\$ 23,125.00	\$ 23,125.00
W-3	1	LS	Chemical Feed Building Piping and Valves	\$ 26,250.00	\$ 26,250.00
W-4	110	LF	1" Carrier Water Yard Piping	\$ 90.91	\$ 10,000.10
W-5	270	LF	3/4" Chemical Mix Double Walled Yard Piping	\$ 81.02	\$ 21,875.40
W-6	125	LF	3/4" Chemical Mix Double Walled Piping Inside Intake Buildings	\$ 180.00	\$ 22,500.00
W-7	190	LF	3/4" Chemical Mix Double Walled Piping Inside Wet Wells	\$ 543.62	\$ 103,287.80
W-8	2	EA	Manual Leak Detection Point	\$ 1,250.00	\$ 2,500.00
W-9	2	EA	Chemical Feed Nozzle	\$ 6,250.00	\$ 12,500.00
W-10	1	LS	Carrier Water Tap	\$ 9,375.00	\$ 9,375.00
W-11	1	EA	Bottled Eye Wash Station	\$ 1,250.00	\$ 1,250.00
W-12	1	LS	Guardian Safety Station w/Eye Wash	\$ 2,500.00	\$ 2,500.00
W-13	1	LS	Chemical Feed Building Secondary Containment	\$ 6,250.00	\$ 6,250.00
W-14	1	LS	FRP Walking Gate	\$ 1,875.00	\$ 1,875.00
W-15	1	LS	Chemical Feed Building Double Door	\$ 6,250.00	\$ 6,250.00
W-16	1	LS	Removing Existing Louver	\$ 1,875.00	\$ 1,875.00
W-17	1	LS	Outdoor Secondary Containment	\$ 45,000.00	\$ 45,000.00
W-18	1	LS	Outdoor Secondary Containment Covering	\$ 20,625.00	\$ 20,625.00
W-19	615	SF	Painting Outdoor Secondary Containment Covering and Existing Building Touch up Paint	\$ 33.00	\$ 20,295.00
W-20	1	LS	Chain Link Fence Relocation	\$ 2,500.00	\$ 2,500.00
W-21	1	LS	10' Chain Link Cantilevered Slide Gate	\$ 7,500.00	\$ 7,500.00
W-22	28	SY	Re-grading in front of Outdoor Secondary Containment	\$ 312.50	\$ 8,750.00
W-23	8.5	SY	Driveway Repair	\$ 625.00	\$ 5,312.50
E-1	1	LS	Electrical work	\$ 312,500.00	\$ 312,500.00
Total Amount Base Bid					\$ 779,515.80

Austin American-Statesman

statesman.com

PROOF OF PUBLICATION

STATE OF TEXAS

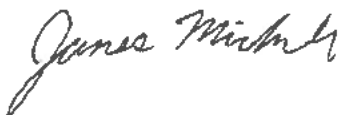
PUBLIC NOTICE

Before the undersigned authority personally appeared James Mickler, who on oath says that he/she is a Legal Advertising Agent of the Austin American-Statesman, a daily published newspaper that is generally circulated in Bastrop, Bell, Blanco, Burnet, Caldwell, Comal, Coryell, Fayette, Gillespie, Guadalupe, Hays, Kerr, Lampasas, Lee, Llano, Milam, Travis, and Williamson Counties, and State of Texas, and that the attached advertisement was published in said newspaper, to wit: MURFEE ENGINEERING CO INC, first date of publication 08/03/2021, last date of publication 08/10/2021, published 2 time(s), and that the attached is a true copy of said advertisement.

MURFEE ENGINEERING CO INC
1101 S CAP OF TX HWY
BLDG D 110
AUSTIN, TX 78746

Invoice/Order Number:	0000653034
Ad Cost:	\$1,486.50
Paid:	\$0.00
Balance Due:	\$1,486.50

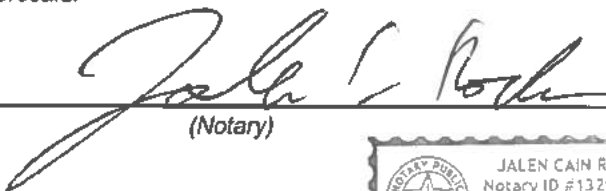
Signed



(Legal Advertising Agent)

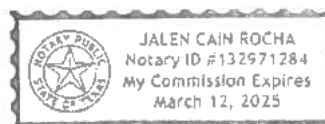
Sworn or affirmed to, and subscribed before me, this 11th day of August, 2021 in Testimony whereof, I have hereunto set my hand and affixed my official seal, the day and year aforesaid.

Signed



(Notary)

Please see Ad on following page(s).



Invoice/Order Number:	0000653034
Ad Cost:	\$1,486.50
Paid:	\$0.00
Balance Due:	\$1,486.50

Sealed Bids addressed to the West Travis County Public Utility Agency (Owner), Bee Cave, Texas, 78738 for the construction of the WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY PER-MANGANATE CHEMICAL FEED RELOCATION will be received at the offices of Murfee Engineering Company Inc., 1101 Capital of Texas Highway South, Building D, Austin, Texas 78746 until 2:00 PM on August 24th 2021, then publicly opened and read aloud. The work generally consists of the installation of chemical storage and pumping equipment, site work, and all associated appurtenances.

Bid documents for this project may be obtained at the offices of the Engineer, Murfee Engineering Company Inc., 1101 Capital of Texas Highway South, Building D, Austin, Texas 78746. A non-refundable fee of \$150.00 will be charged for each set of bid documents.

Bid documents for this project may be viewed and downloaded free of charge at the CivCastUSA website (civcastusa.com).

Bids must be accompanied by a bid bond with Power of Attorney attached or cashiers check of five percent (5%) of the total amount bid (sum of all bid items) made payable to the West Travis County Public Utility Agency.

A Bid which, in the opinion of Owner's staff, deviates significantly from the Contract Documents, and which has not been clarified through a written Addendum prior to Bid submittal deadline, shall be considered an exception to the Contract Documents and grounds for the Bid to be rejected. Owner reserves the right to reject any or all Bids and to waive any informalities and irregularities in Bids received.

Bidders must read and understand all terms and conditions contained in these Contract Documents.

Contract Time is of the essence and all Work shall be substantially completed within 154 calendar days after the Notice to Proceed. Liquidated damages are \$500 per calendar day.

A NON-MANDATORY PRE-BID CONFERENCE for this project will be held at 10:00 am on August 17th 2021 at the offices of Murfee Engineering Company Inc., 1101 Capital of Texas Highway South, Building D Austin, Texas 78746. The Pre-Bid Conference will include a discussion of qualification requirements included in the Qualifications Questioner in the Contract Documents as well as an optional site visit after the meeting. The Questionnaire must be completed and returned to the office of the Engineer by the bid date together with the Bid Package.

8/3, 8/10/21
0000653034-01



Murfee Engineering Company

September 1, 2021

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

Re: WTCPUA Hamilton Pool Road Ground Storage Tank No. 2
Bid Tabulation and Recommendation of Award

President Roberts and Board of Directors:

Sealed bids for the above-referenced project were opened and publicly read aloud at 2:00 PM on September 1st 2021 at the offices of Murfee Engineering Company, Inc. The total amount base bids are summarized below. A detailed bid tabulation is attached.

Company	Base Bid
DN Tanks, LLC	\$1,642,107.00
Preload, LLC	\$1,619,160.00*

*Indicates Bid Form Correction

The Invitation for Bids was advertised in accordance with Texas Water Code and Local Government Code rules for procurement; the Affidavit of Publication from the Austin American-Statesman is attached.

We have reviewed the bid packages for conformance with the Contract Documents and recommend award of the contract to the low bidder Preload, LLC. for the total base bid amount of \$1,619,160.00. Should you have any questions or require any additional information, please contact me at your convenience.

Sincerely,

A handwritten signature in blue ink that reads 'Jason Baze'.

Jason Baze, P.E.

Attachments: Bid Tabulation
Affidavit of Publication
CC: George Murfee, P.E. – MEC
MEC File No. 11051-136

Owner: WTCPUA
13215 Bee Cave Pkwy, Bldg B, Ste 110
Bee Cave, TX 78738

Engineer: Murfee Engineering Company, Inc.
1101 Capital of Texas Hwy., South, Building D
Austin, Texas 78746
Texas Registered Firm No. F-353

BID TABULATION

Project: WTCPUA Hamilton Pool Road GST No. 2
Project Manager: Jason Baze, P.E.
Project Number: 11051.136

Bid Opening

Date: 9/1/2021
Time: 2:00 p.m.
Location: Murfee Engineering Company



Item No.	Quantity	Units	Description	DN Tanks		Preload	
				Unit Price	Total Price	Unit Price	Total Price
E-1	4,022	SY	LOC Restoration	\$ 26.00	\$ 104,572.00	\$ 11.00	\$ 44,242.00
E-2	1,480	LF	Silt Fence	\$ 6.00	\$ 8,880.00	\$ 10.00	\$ 14,800.00
E-3	2	EA	Stabilized Construction Entrance	\$ 6,990.00	\$ 13,980.00	\$ 3,100.00	\$ 6,200.00
W-1	1	LS	500,000 gal Pre-Stressed Concrete GST	\$ 1,048,000.00	\$ 1,048,000.00	\$ 1,189,629.00	\$ 1,189,629.00
W-2	311	LF	16" Water Line	\$ 405.00	\$ 125,955.00	\$ 225.00	\$ 69,975.00
W-3	11	LF	12" Water Line	\$ 1,530.00	\$ 16,830.00	\$ 2,100.00	\$ 23,100.00
W-4	1	LS	16" Tie-In Infrastructure	\$ 19,600.00	\$ 19,600.00	\$ 23,000.00	\$ 23,000.00
W-5	1	EA	In-Tank Hydrodynamic Mixer	\$ 151,500.00	\$ 151,500.00	\$ 114,600.00	\$ 114,600.00
W-6	300	SY	Asphalt Cut and Repair	\$ 98.00	\$ 29,400.00	\$ 96.00	\$ 28,800.00
EL-1	1	LS	Electrical	\$ 61,000.00	\$ 61,000.00	\$ 40,300.00	\$ 40,300.00
TS-1	354	LF	Trench Safety	\$ 35.00	\$ 12,390.00	\$ 41.00	\$ 14,514.00
A-1	1	LF	Allowance	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
Total Amount Base Bid				\$ 1,642,107.00		\$ 1,619,160.00	

Italicized numbers indicate a correction in the bid form

Austin American-Statesman

statesman.com

PROOF OF PUBLICATION STATE OF TEXAS

PUBLIC NOTICE

Before the undersigned authority personally appeared James Mickler, who on oath says that he/she is a Legal Advertising Agent of the Austin American-Statesman, a daily published newspaper that is generally circulated in Bastrop, Bell, Blanco, Burnet, Caldwell, Comal, Coryell, Fayette, Gillespie, Guadalupe, Hays, Kerr, Lampasas, Lee, Llano, Milam, Travis, and Williamson Counties, and State of Texas, and that the attached advertisement was published in said newspaper, to wit: MURFEE ENGINEERING CO INC, first date of publication 08/04/2021, last date of publication 08/11/2021, published 2 time(s), and that the attached is a true copy of said advertisement.

MURFEE ENGINEERING CO INC
1101 S CAP OF TX HWY
BLDG D 110
AUSTIN, TX 78746

Invoice/Order Number:	0000653411
Ad Cost:	\$1,664.88
Paid:	\$0.00
Balance Due:	\$1,664.88

Signed _____

James Mickler

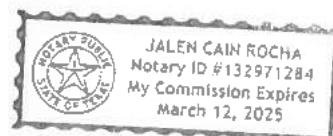
(Legal Advertising Agent)

Sworn or affirmed to, and subscribed before me, this 12th day of August, 2021 in Testimony whereof, I have hereunto set my hand and affixed my official seal, the day and year aforesaid.

Signed _____

Jalen C. Rocha
(Notary)

Please see Ad on following page(s).



Invoice/Order Number:	0000653411
Ad Cost:	\$1,664.88
Paid:	\$0.00
Balance Due:	\$1,664.88

ADVERTISEMENT TO BIDDERS

Sealed Bids addressed to the West Travis County Public Utility Agency (Owner), Bee Cave, Texas, 78738 for the construction of the WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY HAMILTON POOL ROAD GROUND STORAGE TANK #2 will be received at the offices of Murfee Engineering Company Inc., 1101 Capital of Texas Highway South, Building D, Austin, Texas 78746 until 2:00 PM on August 25th, 2021 then publicly opened and read aloud. The work generally consists of construction of an above ground Type III Pre-stressed Concrete Water Tank, approximately 311 linear feet of 16" DIP water line, approximately 11 linear feet of 12" DIP water line, Gate Valves, Electrical Controls and Programming, and associated appurtenances.

Bid documents for this project may be obtained at the offices of the Engineer, Murfee Engineering Company Inc., 1101 Capital of Texas Highway South, Building D, Austin, Texas 78746. A non-refundable fee of \$150.00 will be charged for each set of bid documents.

Bid documents may be viewed at the offices of Murfee Engineering by contacting Jason Baze, P.E. at 512-327-9204.

Bids must be accompanied by a bid bond with Power of Attorney attached or cashiers check of five percent (5%) of the total amount bid (sum of all bid items) made payable to the West Travis County Public Utility Agency.

A Bid which, in the opinion of Owner's staff, deviates significantly from the Contract Documents, and which has not been clarified through a written Addendum prior to Bid submittal deadline, shall be considered an exception to the Contract Documents and grounds for the Bid to be rejected. Owner reserves the right to reject any or all Bids and to waive any informalities and irregularities in Bids received.

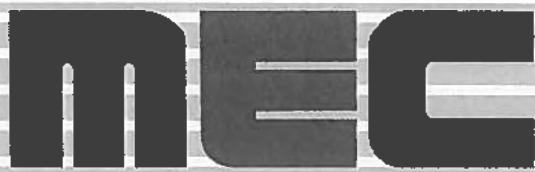
Bidders must read and understand all terms and conditions contained in these Contract Documents.

Contract Time is of the essence and all Work shall be substantially completed within 210 calendar days after the Notice to Proceed. Liquidated damages are \$500 per calendar day.

A NON-MANDATORY PRE-BID CONFERENCE for this project will be held at 10:00 am on August 18th, 2021 at the offices of Murfee Engineering Company Inc., 1101 Capital of Texas Highway South, Building D, Austin, Texas 78746. The Non-Mandatory Pre-Bid Conference will include a discussion of qualification requirements included in the Qualifications Questioner in the Contract Documents. Questionnaire must be completed and returned to the office of the Engineer by August 25th, 2021 together with the Bid Package. A site visit will be performed later in the day after the pre-bid conference if requested.

8/4, 8/11/21
0000653411-01

ITEM D



Murfee Engineering Company

September 10, 2021

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 Bohls Wastewater Treatment Plant Expansion Project
Request for Adjustment to Project Budget
MEC File: 11051.111**

President Roberts and Board:

The purpose of this letter is to provide background and justification for our request for your consideration of an adjustment to the engineering fees for the above-referenced project in the amount of \$523,000, which will be not to exceed for all efforts required to complete administration of the construction contract for the Bohls Wastewater Treatment Plant (WWTP) Expansion Project.

The scope of work for the Bohls WWTP Expansion project has changed since the proposal presented in September of 2020. These changes include the addition of a second 0.5 MGD treatment train, a storage building, and scope associated with the additional filters and blowers required for the treatment process; all of these changes will require increased electrical and structural involvement in design and construction administration. The addition of the storage building will require an amendment to the site permit. These added costs are included in the adjusted fee. The second 0.5 MGD treatment train is being added to the scope per the direction received from the Board during the August 19th, 2021, meeting.

The project is now progressing steadily and we anticipate that the proposed additional budget will be sufficient to provide for adequate construction administration and testing.

Table 1 provides a summary of the changes.

Table 1: Cost Summary

Description	Date	Amount
Original budget (Design, Permitting & CA)	May 2017	\$481,000
Approved amendment 1	September 2020	\$196,000
Proposed amendment 2 for added 0.5 MGD train and storage building	September 2021	\$523,000
	TOTAL ENGINEERING FEES	\$1,200,000
	CONSTRUCTION COST	\$8,360,000
	ENGINEERING PERCENTAGE	14.4%

The project is currently within budget and no exceedance has been made to date.

Should you have any questions or need any additional information, please do not hesitate to contact me at your convenience.

Sincerely,

A handwritten signature in blue ink, reading "George Murfee, P.E.", with a stylized, cursive script.

George Murfee, P.E.

CC: Jennifer Riechers, General Manger – WTCPUA
Eric Morgan, Operations Manager – WTCPUA

ITEM E

An Agreement for the Provision of Limited Professional Services

Murfee Engineering Co., Inc.
1101 Capital of Texas Hwy. South, Building D
Austin, Texas 78746
(512) 327-9204
Federal Tax ID #74-2742570

WTC Public Utility Agency
13215 Bee Cave Pkwy
Building B, Suite 110
Bee Cave, Texas 78738
generalmanager@wtcpua.org

Date: September 9, 2021

Project No.: MEC #

Project Name/Location: Uplands Water Treatment Plant Expansion Site Permit Modification

Scope/Intent and Extent of Services: Obtain the necessary site permit amendment for the construction of a 5 million gallon per day (MGD) expansion of the Uplands Water Treatment Plant located at 12215 Bee Cave Road. This expansion will be design to fit within the current site limits of the existing property. The site plan will be based on the proposed system recommended in the 2021 Uplands Water Treatment Plant Expansion Preliminary Engineering Report.

Fee Arrangement: Engineering services are proposed on a time and materials basis, per the attached Rate Schedule, with estimated amounts as follows:

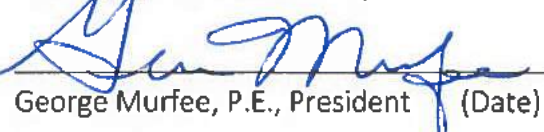
Site Plan Preparation	\$145,000
Permit Application and Jurisdictional Coordination	\$65,000
Total	\$210,000

Terms and Conditions: The attached Terms and Conditions are a part of this Agreement.

Special Conditions: MEC has attempted to be as thorough as possible in the preparation of this proposal; however, there may be unforeseen items not included in the above-described work which will need to be addressed. If necessary, MEC will perform such additional items (as authorized) on an hourly basis in conformance with the approved Rate Schedule. Some additional services which are beyond the scope of this proposal and would be performed by others include environmental studies, construction materials testing, and protective coatings inspections.

Offered by:
MURFEE ENGINEERING CO., INC.

Accepted by:


George Murfee, P.E., President (Date) 9-10-21

(Signature) (Date)

MURFEE ENGINEERING COMPANY, INC.

HOURLY RATE SCHEDULE

Effective October 1st, 2016

<u>Employee Classification</u>	<u>Hourly Rate</u>
Principal	\$300
Managing Engineer	\$250
Senior Project Manager	\$200
Project Manager	\$175
Senior Project Engineer	\$160
Project Engineer	\$145
Project Administration Manager	\$160
Project Administration Associate	\$80
Engineering Technician II	\$115
Engineering Technician I	\$95
Senior CAD Design Technician	\$165
CAD Design Technician	\$110
Draftsperson	\$95
Financial Services	\$90
Executive Assistant	\$75
Technical Administrative Assistant	\$85
Administrative Assistant	\$65
Reimbursable Expenses	Cost + 15%

TERMS AND CONDITIONS

Murfee Engineering Company, Inc. (MEC) shall perform the services outlined in this Agreement for the stated fee arrangement.

Access to Site:

Unless otherwise stated, MEC will have access to the site for activities necessary for the performance of the services. MEC will take precautions to minimize damage due to these activities, but has not included in the fee the cost of restoration of any resulting damage.

Dispute Resolution:

Any claims or disputes made during design, construction or post-construction between the Client and MEC shall be submitted to non-binding mediation. Client and MEC agree to include a similar mediation agreement with all contractors, subcontractors, sub consultants, suppliers, and fabricators, thereby providing for mediation as the primary method for dispute resolution between all parties.

Billings/Payments:

Invoices for MEC's services shall be submitted, at MEC's option, either upon completion of such services or on a monthly basis. Invoices shall be payable within 30 days after the invoice date. If the invoice is not paid within 30 days, MEC may, without waiving any claim or right against the Client, and without liability whatsoever to the Client, terminate the performance of the service. Retainers shall be credited on the final invoice.

Late Payments:

Accounts unpaid 60 days after the invoice may be subject to a monthly service charge of 1.5% (or the legal rate) on the unpaid balance. In the event any portion or all of an account remains unpaid 90 days after billing, the Client shall pay all costs of collection, including reasonable attorney's fees.

Indemnification:

The Client shall, to the fullest extent permitted by law, indemnify and hold harmless MEC, or his or her officers, directors, employees, agents and sub consultants from and against all damage, liability and cost, including reasonable attorney's fees and defense costs, arising out of or in any way connected with the performance by any of the parties above named of the services under this Agreement, excepting only those damages, liabilities or costs attributable to the sole negligence or willful misconduct of MEC.

Certifications, Guarantees and Warranties:

MEC shall not be required to execute any document that would result in their certifying, guaranteeing or warranting the existence of conditions whose existence MEC cannot ascertain.

Limitation of Liability:

In recognition of the relative risks, rewards and benefits of the project to both the Client and MEC, the risks have been allocated such that the Client agrees that, to the fullest extent permitted by law, MEC's total liability to the Client for any and all injuries, claims, losses, expenses, damages or claim expenses arising out of this Agreement from any cause or causes, shall not exceed an amount equal to the fee earned by MEC under this Agreement. Such causes include, but are not limited to, MEC's negligence, errors, omissions, strict liability, breach of contract or breach of warranty.

Termination of Services:

The Client or MEC may terminate this Agreement should the other fail to perform its obligations hereunder. In the event of termination, the Client shall pay MEC for all services rendered to the date of termination, all reimbursable expenses, and reimbursable termination expenses.

Ownership of Documents:

All documents produced by MEC under this Agreement shall remain the property of MEC and may not be used by the Client for any other endeavor without the written consent of MEC.

Design With Construction Administration:

If the basic services under this Agreement include project observation or review, MEC shall visit the site at intervals appropriate to the stage of construction, in order to observe the progress and quality of the Work completed by the Contractor. Such visits and observation are not intended to be an exhaustive check or a detailed inspection of the Contractor's work but rather are to allow MEC, as an experienced professional, to become generally familiar with the work in progress and to determine, in general, if the Work is proceeding in accordance with the Contract Documents. MEC shall not supervise, direct or have control over the Contractor's work, nor have any responsibility for the construction means, methods, techniques, sequences, or procedures selected by the Contractor nor for the Contractor's safety precautions or programs in connection with the Work.

MEC shall not be responsible for any acts or omissions of the Contractor and MEC does not guarantee the performance of the Contractor and shall not be responsible for the Contractor's failure to perform its Work in accordance with the Contract Documents or any applicable laws, codes, rules, or regulations.

Design Without Construction Administration:

If the basic services under this Agreement do not include project observation or review of the Contractor's performance or any other construction phase services, the Client assumes all responsibility for interpretation of the Contract Documents and for construction observation, and the client waives any claims against MEC that may be in any way connected thereto. The Client agrees, to the fullest extent permitted by law, to indemnify and hold harmless MEC from any and all claims arising from modifications, clarifications, interpretations, adjustments or changes made to the Contract Documents to reflect changed field or other conditions, except for claims arising from the sole negligence or willful misconduct of MEC.

Hazardous Materials – Suspension of Services:

Both parties acknowledge that MEC's scope of services does not include any services related to the presence of any hazardous or toxic materials. The Client agrees to indemnify and hold harmless MEC from and against any and all claims, suits, demands, liabilities, losses, damages or costs, including reasonable attorneys' fees and defense costs arising out of or in any way connected with the detection, presence, handling, removal, abatement, or disposal of any asbestos or hazardous or toxic substances, products or materials that exist on, about or adjacent to the Project site, whether liability arises under breach of contract or warranty, tort, including negligence, strict liability or statutory liability or any other cause of action, except for the sole negligence or willful misconduct of MEC.

Betterment:

If, due to MEC's negligence, a required item or component of the Project is omitted from MEC's construction documents, MEC shall not be responsible for paying the cost required to add such item or component to the extent that such item or component would have been required and included in the original construction documents. In no event will MEC be responsible for any cost or expense that provides betterment or upgrades or enhances the value of the Project.

ITEM G



WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY

13215 Bee Cave Parkway
Building B, Suite 110
Bee Cave, Texas 78738
Office: 512/263-0100
Fax: 512/263-2289
wtcpua.org

September 16, 2021

Mr. Paul Norton, Superintendent
Lake Travis Independent School District
3322 Ranch Road 620 South
Austin, TX 78738

Re: Reservation of Service Capacity and Acquisition of Easement Rights

Dear Mr. Norton:

The West Travis County Public Utility Agency (WTCPUA) has received your letter dated July 8, 2021 requesting a commitment of 11 LUEs of retail water service on the Highway 71/Hamilton Pool Road water system to Lake Travis Independent School District (LTISD) in exchange for an easement to be granted by LTISD to the WTCPUA for planned facilities on Hamilton Pool Road. This letter (Letter Agreement) commits the allocation of 11 LUEs of retail water service shall be used for a school site and related facilities (Proposed Project) and is approved subject to the LTISD complying with the Conditions below:

CONDITIONS

1. LTISD enters into a Non-Standard Water Service Agreement with the WTCPUA for eleven (11) LUEs of water service within five (5) years of the date of the letter.
2. LTISD shall construct, at LTISD's sole cost and expense, all facilities relating to the Proposed Development, including LTISD Facilities, in compliance with the WTCPUA Rules and Policies. LTISD shall submit all Plans and Specifications for all facilities relating to the Proposed Development, including LTISD Facilities, including any phase or portion thereof, to the WTCPUA for review and approval prior to commencement of construction. Construction of all facilities relating to the Proposed Development including LTISD Facilities shall be subject to all WTCPUA Rules and Policies.
3. Prior to release of plans for construction, LTISD shall pay all required engineering review fees, legal fees, and inspection fees relating to all tasks required by the WTCPUA to provide service to the Proposed Development.
4. The PUA inspects and accepts the facilities per the approved construction plans and specifications.

5. LTISD, at its sole cost and expense, grants to the PUA all on-site and off-site easements necessary for the PUA to own and operate the facilities.
6. Prior to release of water meters for the Proposed Development, LTISD shall submit close out documents including a final plat and executed easements in a form and manner acceptable for WTCPUA recording per the attached WTCPUA close out check list, an executed Conveyance Agreement in a form and manner acceptable to the WTCPUA and pay all applicable fees due including engineering review fees and legal fees.
7. LTISD and/or Retail Customers shall pay all fees for each new service connection in the Proposed Development, including but not limited to tap fees and meter drop-in fees.
8. LTISD shall pay the WTCPUA annual Water Reservation Fees as applicable per WTCPUA Tariff and policies commencing six (6) months from the date of this letter. Reservation fees shall be paid for all LUEs committed pursuant to this Letter Agreement for every year for which the LUES are reserved on each anniversary of the date of this Letter Agreement. Failure to pay reservation fees shall be considered a default of this Letter Agreement, at which time the WTCPUA may terminate the reservation of any unused capacity.
9. LTISD shall follow and comply with all applicable WTCPUA Tariff, policies, rules and regulations pertaining to water service, as amended from time to time by the WTCPUA Board of Directors.
10. LTISD shall adopt one of the alternative water quality measures required of the new development as specified in that certain "Memorandum of Understanding" between the LCRA and the United States Fish and Wildlife Service (USFWS), dated May 24, 2000 (MOU) and the "Settlement Agreement and Stipulation of Dismissal" from the lawsuit, Hays County Water Planning Partnership, et. al. vs. Lt. General Robert B. Flowers, U.S. Army Corps of Engineers, Thomas E. White, Secretary of the Army, Gale Norton, Secretary of the Department of the Interior, and the Lower Colorado River authority, W.D. Tex. 2002 (No. AOOCA 826SS) (Settlement Agreement) including:
 - a. Measures approved by the USFWS through separate Section 7 consultation, or other independent consultation;
 - b. TCEQ optional enhanced measures, Appendix A and Appendix B to RG-348; or
 - c. U.S. Fish and wildlife Service Recommendations for Protection of Water Quality of the Edwards Aquifer dated September 1, 2000.
11. LTISD agrees to grant the WTCPUA a 15-foot wide waterline easement across LTISD property (Easement), as generally described in the attached field notes and survey plat provided as Exhibit A, in exchange for the capacity commitment detailed in this Letter Agreement.

Please be advised that if, for any reason, system capacity is exceeded prior to connection to the system, then this property is subject to a moratorium of any additional connections which may be declared. Also, please be advised that WTCPUA will not provide direct fire flow service to the Property and, as such, LTISD may be required to install and maintain fire service facilities needed to meet local fire code regulations and requirements.

Mr. Paul Norton
Page 3
September 16, 2021

If you have any questions concerning this matter, please contact Reuben Ramirez at 512-263-0100.

Sincerely,

Jennifer Riechers
General Manager

Cc: Reuben Ramirez
Tricia Altamirano
Jennifer Smith
Keli Kirkley
Jennifer Riechers
Stefanie Albright, Lloyd Gosselink Rochelle & Townsend, P.C.

ITEM H

Special Note Regarding 2022 Plan Assessments

TCDRS' long-term outlook anticipates that rates and returns will remain below historical norms. The forecasts show decreased returns across all asset classes. Soundness requires synchronizing assumptions with expectations. Thus, the TCDRS board reduced the investment return assumption to 7.5%. A reduction in the assumption was consistent with the recommendation of Milliman, our consulting actuaries. The investment return assumption is important as it determines how much benefit funding is expected to come from investments versus employer contributions. In addition, the inflation assumption has also been decreased to 2.5% which impacts wage growth and payroll growth.

These assumptions are reflected in this valuation and most employers will see increases in their required contribution rates for 2022. Supporting employers through this transition is TCDRS' most important investment. The board has used a portion of system reserves and re-amortized liabilities to help mitigate the increases. In addition, one of TCDRS' strengths is that employers have the ability to annually adjust benefits based on local needs and budgets. If employers need to reduce costs, TCDRS staff is available to help you understand your options.



Plan Assessment for Plan Year 2022
West Travis County Public Utility Agency – 358
Participation Date – 10/1/2016

It's that time of year again — time to look at your TCDRS retirement plan and decide whether or not your benefits are adequate and affordable. This plan assessment will give you an overview of the benefits you provide as well as how much it will cost to provide these benefits in the upcoming plan year.

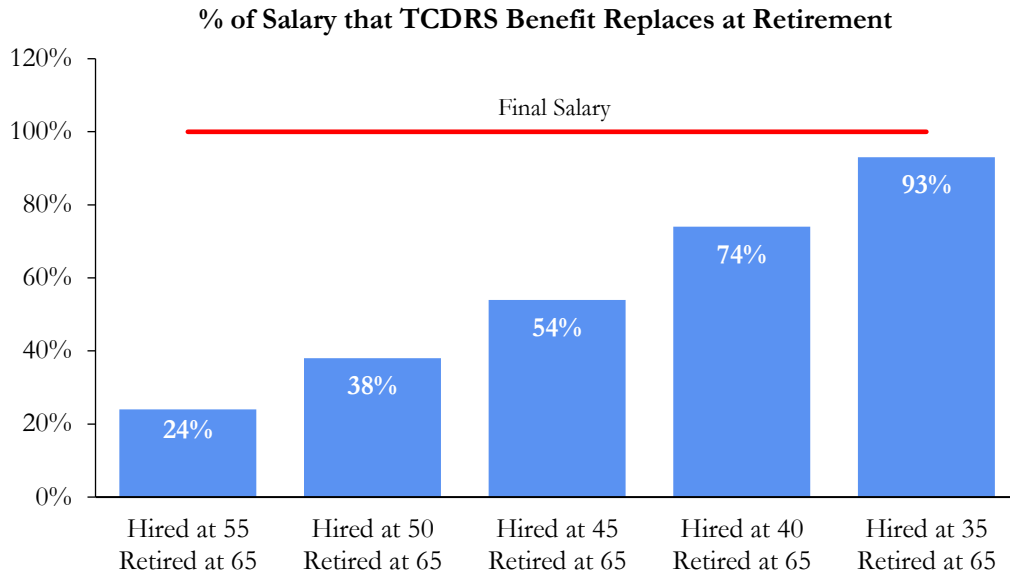
	2022 Plan
Basic Plan Options	
Employee Deposit Rate	7%
Employer Matching	225%
Prior Service Credit	0%
Retirement Eligibility	
Age 60 (Vesting)	5 years of service
Rule of	75 years total age + service
At Any Age	30 years of service
Optional Benefits	
Partial Lump Sum	No
Group Term Life	None
Retirement Plan Funding	
Total Normal Cost Rate	19.67%
Employee Deposit Rate	<u>-7.00%</u>
Employer-Paid Normal Cost Rate	12.67%
UAAL / (OAAL) Rate	<u>0.52%</u>
Required Rate	13.19%
Elected Rate	9.24%
Total Contribution Rate	
Retirement Plan Rate	13.19%
(greater of required and elected rate)	
Group Term Life Rate	<u>N/A</u>
Total Contribution Rate	13.19%
Valuation Results (Dec. 31, 2020)	
Actuarial Accrued Liability	\$1,805,968
Actuarial Value of Assets	<u>\$1,725,985</u>
Unfunded / (Overfunded) AAL	\$79,983
Funded Ratio	95.6%

Notes:

No COLAs have been adopted.

What You Are Providing

The TCDRS benefit is based on employee deposits, which earn 7% compound interest each year, and employer matching at retirement. The following chart shows the estimated TCDRS benefit as a percentage of final salary prior to retirement for a new hire:

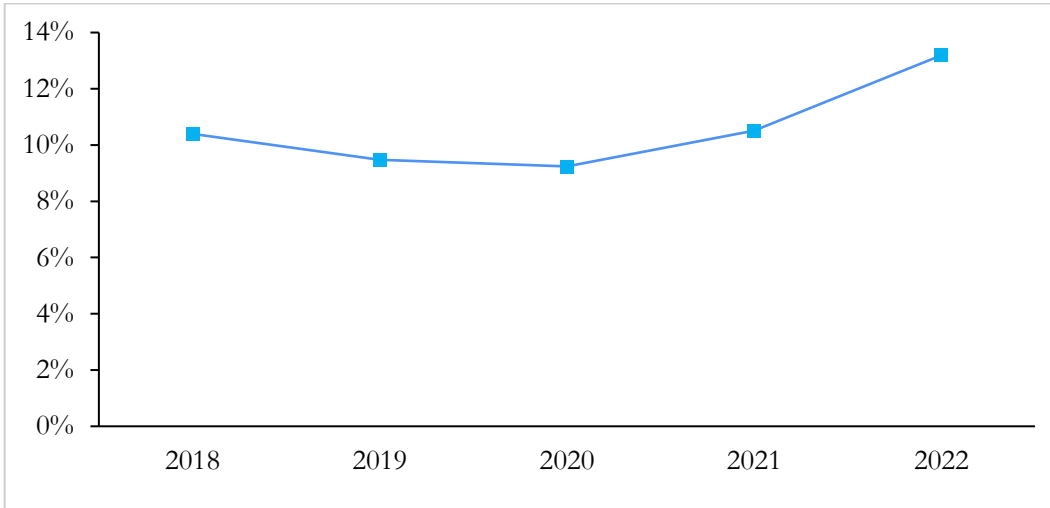


Assumptions

- Employees are new hires and will work for you until retirement.
- Your current plan provisions will remain in effect through an employee's retirement.
- Current laws governing TCDRS will continue as they are.
- Graded salary scales give bigger raises early in careers, with smaller raises later in careers (see Summary Valuation Report at [TCDRS.org/Employer](https://www.tcdrs.org/Employer)).
- Based on Single Life benefit.

Reasons for Rate Change

Below is a record of your required rate history for your retirement plan over the last five years.



Reasons for Rate Change	2018-2019	2019-2020	2020-2021	2021-2022
Beginning Rate	10.40%	9.47%	9.24%	10.51%
Plan Changes Adopted	0.00%	0.00%	1.84%	N/A
Investment Return	0.00%	0.10%	0.04%	0.02%
Elected Rate/Lump Sum	0.00%	0.00%	0.00%	0.00%
Demographic/Other Changes	-0.91%	-0.33%	-0.61%	0.22%
Assumptions/Methods ⁽¹⁾	-0.02%	0.00%	0.00%	2.44%
Ending Rate	9.47%	9.24%	10.51%	13.19%
Valuation Year	2017	2018	2019	2020
Funded Ratio	95.4%	101.4%	104.5%	95.6%

1. 2021-2022: Includes reductions to the investment return and inflation assumptions, and method adjustments designed to mitigate the impact of the reductions.

A complete Summary Valuation Report for the Dec. 31, 2020 valuation will be available mid-May at TCDRS.org/Employer.

Next Steps

If you are interested in making plan changes, please contact your Employer Services Representative at 800-651-3848. Your benefit selections are due by Dec. 15, 2021.

VII. STAFF REPORTS

ITEM A



General Manager's Report

September 16, 2021

Personnel Updates

Hired new Meter Technician and 2 new Line Maintenance Technicians. Two new vacancies in the Electro Mechanical Department.

Significant Meeting Updates

8/25/21 Meeting with representatives from Ledgestone Commercial regarding proposed development.

9/9/21 TAWWA Senate Bill 3 Webinar

9/9/21 Bid Opening for Chemical, Sludge Hauling and Landscape Maintenance

9/9/21 Meeting with Falconhead Golf representatives related to new billing rate agreement to become effective 1/1/22.

Updates

Early September usage has increased throughout the PUA system causing significant strains on the system. Operations staff is struggling to refill tanks before the next irrigation demand hits. This is not a capacity issue but a peak demand problem. Staff continues to evaluate the situation and communicate with affected customers as necessary.

Late Fees/Disconnects

110 delinquent notices were mailed to Hwy. 71 customers on 8/23/21 with a disconnection date of 9/13/21.

129 delinquent notices were mailed to Hwy. 290 customers on 8/5/21 with a disconnection date of 8/25/21. 8 accounts were disconnected due to non-payment.

Executed Utility Conveyance Agreements

Ledgestone Jiffy Lube

Longleaf Bee Cave

ITEM B



West Travis County Public Utility Agency

Budget Variance Report

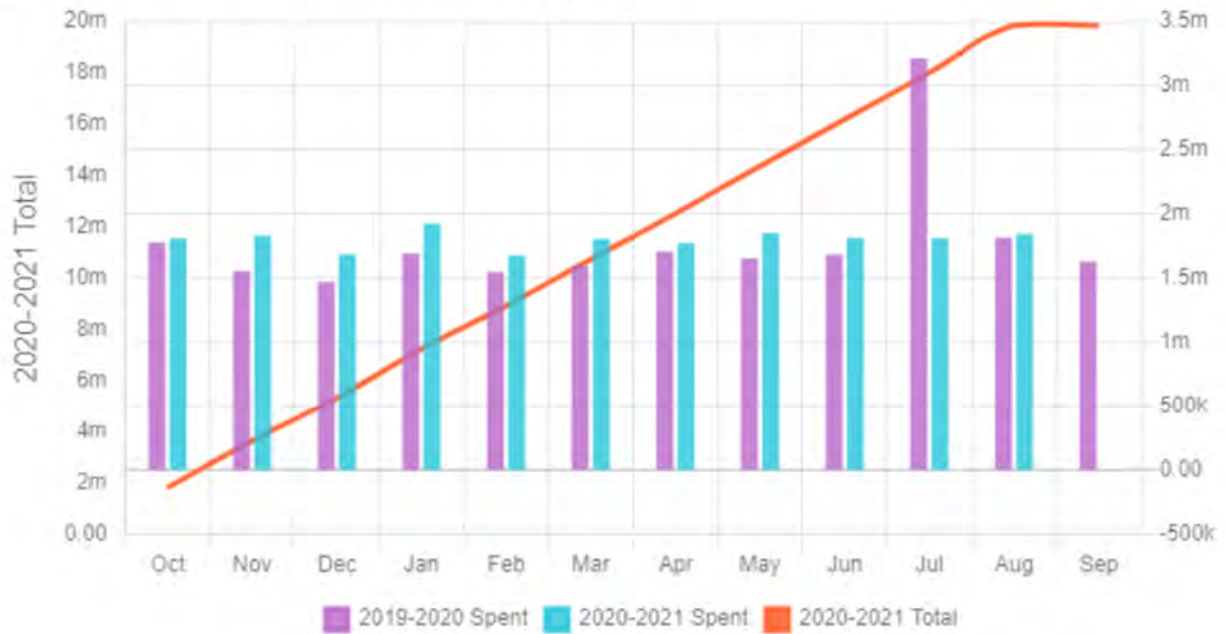
As Of: 08/31/2021

Fund: 10 - General Fund

	CURRENT MONTH			YEAR TO DATE				ANNUAL BUDGET		
	ACTUAL	BUDGETED	VARIANCE	ACTUAL	BUDGETED	VARIANCE	%	TOTAL	REMAINING	%
REVENUE SUMMARY										
Water Revenue	2,328,519	2,724,958	(396,439)	18,364,514	17,565,199	799,315	92	20,019,000	1,654,486	8
Wastewater Revenue	436,004	387,215	48,789	4,060,310	3,894,993	165,317	94	4,316,000	255,690	6
SER Project Revenue	88,457	126,917	(38,460)	1,490,196	1,396,083	94,113	98	1,523,000	32,804	2
Other Income	2,821	3,750	(929)	42,202	41,250	952	94	45,000	2,798	6
Investment Income, Net	(576)	10,833	(11,410)	17,821	119,167	(101,346)	14	130,000	112,179	86
TOTAL REVENUE	2,855,225	3,253,673	(398,448)	23,975,045	23,016,692	958,353	92	26,033,000	2,057,955	8
EXPENSE SUMMARY										
Water Expense	375,434	514,865	139,431	3,684,691	3,867,548	182,858	85	4,345,074	660,383	15
Wastewater Expense	167,484	155,501	(11,983)	1,702,367	1,782,099	79,732	88	1,939,914	237,547	12
Shared Operations Expense	127,409	102,916	(24,493)	1,130,536	1,154,676	24,140	90	1,257,988	127,452	10
SER Project Expense	18,079	13,333	(4,746)	188,191	146,667	(41,525)	118	160,000	(28,191)	(18)
Shared Admin Expense	246,087	254,598	8,512	3,006,709	3,078,694	71,985	89	3,383,588	376,879	11
Capital Outlay	-	3,415	3,415	-	37,568	37,568	-	41,000	41,000	100
Other Financing Sources (Uses)	923,437	923,437	-	10,157,812	10,157,812	-	72	14,081,250	3,923,438	28
TOTAL EXPENSE	1,857,930	1,968,066	110,136	19,870,306	20,225,065	354,759	79	25,208,814	5,338,508	21
REVENUE OVER/(UNDER) EXPENDITURE	997,294	1,285,606	(288,312)	4,104,738	2,791,627	1,313,111		824,186	3,280,552	

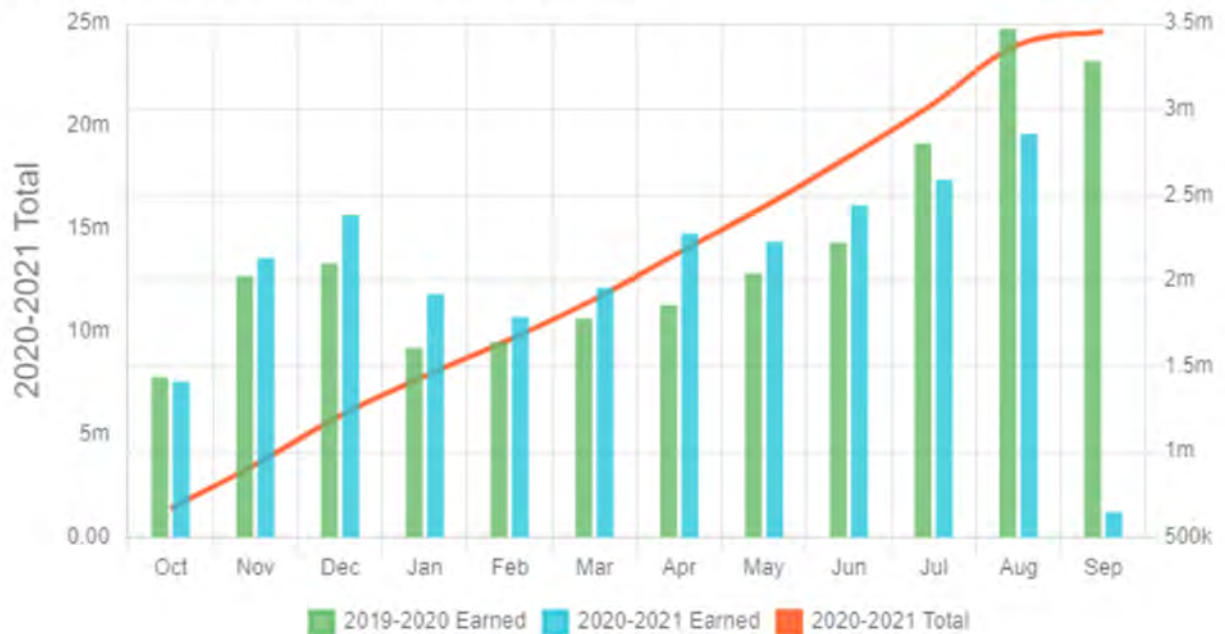
Monthly Expenditure

2020-2021 & 2019-2020 • By Funds • By Department



Monthly Revenue

2020-2021 & 2019-2020 • By Funds • By Department



Balance Sheet-All Funds

Account Summary

As Of 08/31/2021

MajorGroup	10 - General Fund	20 - Rate Stabilization Fund	30 - Facilities Fund	40 - Debt Service Fund	50 - Capital Projects Fund	60 - Impact Fee Fund	Total
Asset							
10 - Cash & Cash Equivalents	\$ 12,261,218	\$ 1,917,758	\$ 2,708,948	\$ 3,510,783	\$ -	\$ 7,865,836	\$ 28,264,543
11 - Investments	3,255,648	3,225,075	6,194,779	13,388,326	26,092,059	30,692,217	82,848,104
12 - Receivables	2,337,982	-	-	-	-	85,685	2,423,667
15 - Due from Other Funds	21,424,780	-	1,882,023	-	4,679,194	284,054	28,270,051
17 - Deposits	16,087	-	-	-	176,019	-	192,106
Total Asset:	\$ 39,295,715	\$ 5,142,833	\$ 10,785,750	\$ 16,899,109	\$ 30,947,272	\$ 38,927,792	\$ 141,998,471
Liability							
30 - Accounts Payable	\$ 407,497	\$ -	\$ 77,982	\$ -	\$ 775,778	\$ 24,280	\$ 1,285,537
31 - Refundable Deposits	1,561,452	-	-	-	-	-	1,561,452
32 - Other Accrued Liabilities	273,725	-	-	-	-	-	273,725
35 - Due to Other Funds	6,845,271	-	2,208,201	-	19,134,884	81,695	28,270,051
Total Liability:	9,087,945	-	2,286,183	-	19,910,662	105,975	31,390,765
Equity							
50 - Fund Balances	26,103,032	4,213,293	8,203,645	14,886,403	18,256,013	35,276,210	106,938,596
Total Beginning Equity:	26,103,032	4,213,293	8,203,645	14,886,403	18,256,013	35,276,210	106,938,596
Total Revenue	23,975,044	929,540	1,876,136	13,949,869	110,992	10,137,081	50,978,662
Total Expense	19,870,306	-	1,580,214	11,937,163	7,330,395	6,591,474	47,309,552
Revenues Over/Under Expenses	4,104,738	929,540	295,922	2,012,706	(7,219,403)	3,545,607	3,669,110
Total Equity and Current Surplus (Deficit):	30,207,770	5,142,833	8,499,567	16,899,109	11,036,610	38,821,817	110,607,706
Total Liabilities, Equity and Current Surplus (Deficit):	\$ 39,295,715	\$ 5,142,833	\$ 10,785,750	\$ 16,899,109	\$ 30,947,272	\$ 38,927,792	\$ 141,998,471

Income Statement-All Funds

Account Summary

For the Period Ending 08/31/2021

	10	20	30	40	50	60	Total
	General Fund	Rate Stabilization Fund	Facilities Fund	Debt Service Fund	Capital Projects Fund	Impact Fee Fund	
Revenue							
60 - Water Revenue	\$ 18,364,514	\$ -	\$ -	\$ -	\$ -	\$ 9,413,025	\$ 27,777,539
61 - Wastewater Revenue	4,060,311	-	-	-	-	592,918	4,653,229
62 - SER Project Revenue	1,490,196	-	-	-	-	-	1,490,196
68 - Other Income	42,202	-	-	-	-	-	42,202
69 - Investment Income, Net	17,821	12,873	27,907	62,355	110,992	131,138	363,086
90 - Other Financing Sources (Uses)	-	916,667	1,848,229	13,887,514	-	-	16,652,410
Revenue Total:	23,975,044	929,540	1,876,136	13,949,869	110,992	10,137,081	50,978,662
Expense							
70 - Water Expense	3,684,691	-	-	-	-	-	3,684,691
71 - Wastewater Expense	1,702,367	-	-	-	-	-	1,702,367
72 - Shared Operations Expense	1,130,536	-	-	-	-	-	1,130,536
74 - SER Project Expense	188,191	-	-	-	-	-	188,191
79 - Shared Admin Expense	3,006,709	-	-	-	-	96,877	3,103,586
80 - Capital Outlay	-	-	1,580,214	-	7,330,395	-	8,910,609
88 - Debt Service	-	-	-	11,937,163	-	-	11,937,163
90 - Other Financing Sources (Uses)	10,157,812	-	-	-	-	6,494,597	16,652,409
Expense Total:	19,870,306	-	1,580,214	11,937,163	7,330,395	6,591,474	47,309,552
Current Surplus (Deficit):	\$ 4,104,738	\$ 929,540	\$ 295,922	\$ 2,012,706	\$ (7,219,403)	\$ 3,545,607	\$ 3,669,110

Facilities Fund Spending Report

Date Range: 10/01/2020 - 08/31/2021

Summary

Project Summary

Project Number	Project Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
30-10-8004	Uplands WTP Office/Trident Building Ph...	932,225.00	926,480.00	5,745.00	14,504.66	20,249.66	911,975.34
30-10-8012	Leak Detection Preventive Maintenance	300,000.00	100,000.00	31,910.00	17,500.00	49,410.00	82,500.00
30-10-8013	Permanganate Injection Relocation	317,000.00	317,000.00	0.00	25,724.67	25,724.67	291,275.33
30-10-8016	Telecom Improvements btw Uplands W...	81,800.00	81,800.00	0.00	78,856.73	78,856.73	2,943.27
30-10-8017	Water Treatment Solids Management ...	57,000.00	14,176.00	42,823.75	9,586.25	52,410.00	4,589.75
30-10-8030	Water System Large M&R	3,287,000.00	908,500.00	158,517.20	254,475.14	412,992.34	654,024.86
30-10-8050	Meters	890,000.00	125,000.00	61,071.81	214,634.32	275,706.13	-89,634.32
30-20-8008	I & I Study & Master Plan	400,000.00	200,000.00	222,608.50	22,746.50	245,355.00	177,253.50
30-20-8011	Wastewater Solids Management Master...	140,735.00	77,488.00	51,868.31	4,817.50	56,685.81	72,670.50
30-20-8014	Lake Pointe Influent LS Rehab	312,000.00	306,417.00	5,583.19	19,366.45	24,949.64	287,050.55
30-20-8015	Lift Station #9 Rehab	648,000.00	608,748.00	41,088.89	597,347.15	638,436.04	11,400.85
30-20-8031	Wastewater System Large M&R	4,186,000.00	1,158,250.00	15,305.85	138,641.01	153,946.86	1,019,608.99
30-90-8009	SCADA	1,190,000.00	545,000.00	14,103.00	63,531.30	77,634.30	481,468.70
30-90-8040	Vehicles & Mobile Equipment	1,480,000.00	442,000.00	60,519.08	118,482.00	179,001.08	323,518.00
Report Total:		14,221,760.00	5,810,859.00	711,144.58	1,580,213.68	2,291,358.26	4,230,645.32

Group Summary

Group	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
Capital Outlay-Other	1,480,000.00	442,000.00	60,519.08	118,482.00	179,001.08	323,518.00
Capital Outlay-Projects	3,481,025.00	2,785,445.00	66,520.08	799,330.96	865,851.04	1,986,114.04
FAC Other Operational Expense-Waste...	4,726,735.00	1,435,738.00	289,782.66	166,205.01	455,987.67	1,269,532.99
FAC Other Operational Expense-Water	4,534,000.00	1,147,676.00	294,322.76	496,195.71	790,518.47	651,480.29
Report Total:	14,221,760.00	5,810,859.00	711,144.58	1,580,213.68	2,291,358.26	4,230,645.32

Type Summary

Group	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
Facilities-Other	1,190,000.00	545,000.00	14,103.00	63,531.30	77,634.30	481,468.70
Facilities-Vehicles & Mobile Equipment	1,480,000.00	442,000.00	60,519.08	118,482.00	179,001.08	323,518.00
Facilities-Wastewater-Major Maintenan...	4,186,000.00	1,158,250.00	15,305.85	138,641.01	153,946.86	1,019,608.99
Facilities-Wastewater-Other	540,735.00	277,488.00	274,476.81	27,564.00	302,040.81	249,924.00
Facilities-Wastewater-Rehab/Upgrade P...	960,000.00	915,165.00	46,672.08	616,713.60	663,385.68	298,451.40
Facilities-Water-Major Maintenance & ...	3,587,000.00	1,008,500.00	190,427.20	271,975.14	462,402.34	736,524.86
Facilities-Water-Meters	890,000.00	125,000.00	61,071.81	214,634.32	275,706.13	-89,634.32
Facilities-Water-Other	57,000.00	14,176.00	42,823.75	9,586.25	52,410.00	4,589.75
Facilities-Water-Rehab/Upgrade Project	1,331,025.00	1,325,280.00	5,745.00	119,086.06	124,831.06	1,206,193.94
Report Total:	14,221,760.00	5,810,859.00	711,144.58	1,580,213.68	2,291,358.26	4,230,645.32

Capital Projects Fund Spending Report

Date Range: 10/01/2020 - 08/31/2021

Summary

Project Summary

Project Number	Project Name	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
50-10-8101	Uplands WTP Expansion Ph 1	13,535,000.00	575,000.00	0.00	42,233.75	42,233.75	532,766.25
50-10-8107	Raw Water Transmission Main #2	6,195,056.00	206,622.00	5,988,431.62	208,190.73	6,196,622.35	-1,568.73
50-10-8108	Raw Water TM #2 Chlorine Injection Im...	143,885.00	117,316.00	26,579.57	74,436.28	101,015.85	42,879.72
50-10-8109	Water Dist System Model Update & Cali...	217,000.00	109,520.00	96,255.10	24,210.00	120,465.10	85,310.00
50-10-8110	Additional Water Supply Development	1,020,000.00	100,000.00	19,996.65	0.00	19,996.65	100,000.00
50-10-8201	HPR Conversion & Upgrade to 1500 gpm	374,493.00	293,438.00	82,886.70	290,667.64	373,554.34	2,770.36
50-10-8202	HPR Pump Station GST 2 Ph 1	1,787,688.00	1,727,706.00	60,158.97	52,540.71	112,699.68	1,675,165.29
50-10-8204	West Bee Cave Pump Station Upgrades	254,200.00	215,545.00	38,676.12	21,509.05	60,185.17	194,035.95
50-10-8205	1080 Bee Cave Transmission Main	4,967,640.00	2,461,473.00	259,675.38	137,872.50	397,547.88	2,323,600.50
50-10-8207	Home Depot Pump Station Expansion &...	288,000.00	288,000.00	0.00	0.00	0.00	288,000.00
50-10-8301	Southwest Pkwy PS GST 1 & 2 Upgrade ...	3,679,441.00	3,071,857.00	607,584.14	2,247,277.80	2,854,861.94	824,579.20
50-10-8305	1240 Conversion/Water Line	2,641,860.00	2,512,946.00	129,569.07	98,123.17	227,692.24	2,414,822.83
50-10-8309	1340 Pump Station Upgrade	1,865,626.00	1,649,320.00	216,304.78	624,211.73	840,516.51	1,025,108.27
50-10-8312	1340 Conversion WL-Sawyer Ranch	802,400.00	710,400.00	98,950.02	59,969.05	158,919.07	650,430.95
50-10-8313	1420 Pump Station Upgrade 290 County...	407,090.00	372,627.00	34,462.50	68,486.27	102,948.77	304,140.73
50-10-8315	Circle Drive Pump Station	3,960,000.00	396,000.00	0.00	77,496.07	77,496.07	318,503.93
50-20-8403	Bohls WWTP Expansion	5,281,000.00	3,025,725.00	261,317.20	25,621.25	286,938.45	3,000,103.75
50-20-8405	Effluent Disposal	590,000.00	590,000.00	0.00	0.00	0.00	590,000.00
50-20-8407	Beneficial Recycling Facility	3,960,000.00	1,545,599.00	323,400.21	3,080.00	326,480.21	1,542,519.00
50-99-8501	Developer Reimbursements	7,844,483.00	3,455,471.00	1,440,505.41	3,274,469.21	4,714,974.62	181,001.79
Report Total:		59,814,862.00	23,424,565.00	9,684,753.44	7,330,395.21	17,015,148.65	16,094,169.79

Group Summary

Group	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
Capital Outlay-Projects	50,143,379.00	19,169,574.00	8,127,996.28	4,031,716.00	12,159,712.28	15,137,858.00
CPF Other Operational Expense-Waste...	590,000.00	590,000.00	0.00	0.00	0.00	590,000.00
CPF Other Operational Expense-Water	1,237,000.00	209,520.00	116,251.75	24,210.00	140,461.75	185,310.00
Developer Reimbursements	7,844,483.00	3,455,471.00	1,440,505.41	3,274,469.21	4,714,974.62	181,001.79
Report Total:	59,814,862.00	23,424,565.00	9,684,753.44	7,330,395.21	17,015,148.65	16,094,169.79

Type Summary

Group	Total Budget	Date Range Budget	Beginning Balance	Total Activity	Ending Balance	Budget Remaining
CIP-Wastewater	9,831,000.00	5,161,324.00	584,717.41	28,701.25	613,418.66	5,132,622.75
CIP-Water-290 System	13,356,417.00	8,713,150.00	1,086,870.51	3,175,564.09	4,262,434.60	5,537,585.91
CIP-Water-71 System	7,672,021.00	4,986,162.00	441,397.17	502,589.90	943,987.07	4,483,572.10
CIP-Water-System-Wide	21,110,941.00	1,108,458.00	6,131,262.94	349,070.76	6,480,333.70	759,387.24
Developer Reimbursements	7,844,483.00	3,455,471.00	1,440,505.41	3,274,469.21	4,714,974.62	181,001.79
Report Total:	59,814,862.00	23,424,565.00	9,684,753.44	7,330,395.21	17,015,148.65	16,094,169.79

ITEM C



WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY

13215 Bee Cave Pkwy.
Building B, Suite 110
Bee Cave, Texas 78738
Office: 512/263-0100
Fax: 512/263-2289
wtcpua.org

Operations Report

September 10, 2021

Executive Summary

During the Month of August, all facilities performed well with no environmental compliance issues. Staff continues to successfully perform corrective and preventative maintenance on all facility equipment and machinery.

Environmental Compliance

All TCEQ compliance parameters were within State limits during the Month of August 2021. Please see the below process control summaries for the Water Treatment Plant and both Wastewater Treatment Plants.

Water and Wastewater Process Summary: August 2021

Water Treatment Plant	Actual
AVG Raw Water	12.770 MGD
AVG Treated Water	12.512 MGD
PEAK Treated Water	15.136 MGD
AVG CFE Turbidity	0.05 NTU
AVG Chlorine	2.10 mg/L

Lake Point WWTP	Actual	Permit Limit
AVG Flow	0.570 MGD	0.675 MGD
MAX Flow	0.750 MGD	
AVG CBOD	1.13 mg/l	5 mg/l
AVG Fec.Coli	1.00 mg/l	20 mg/L
AVG NH3	0.05 mg/l	2 mg/L
AVG Turbidity	1.14 mg/l	3 mg/L

Bohls WWTP	Actual	Permit Limit
AVG Flow	0.275 MGD	0.325 MGD
MAX Flow	0.365 MGD	
AVG CBOD	1.25 mg/l	5 mg/L
AVG Fec.Coli	1.00 mg/l	20 mg/L
AVG NH3	0.12 mg/l	2 mg/L
AVG Turbidity	1.28 mg/l	3 mg/L

Electromechanical Department Update

Water Treatment Plant

- Electrical portion of the Raw water line #2 chlorine injection line project is 99% complete.
- High Service Pump #1 has been installed.
 - *Issue with bearings has subsided and running temperatures have fallen into a more desirable range.
- High Service Pump #5 will be undergoing a rotating assembly replacement upon arrival of material.

Raw Water Intake

- Pump #4 VFD PM-- VFD modules have been delivered to Toshiba for reconditioning. PM is tentatively scheduled for the week of the 20th.

Pump Station #2

- Pump #2 motor is currently being repaired.

Pump Station #3

- Spare pumps ordered (per 5-year plan)

Lakepointe WWTP

- Grating install, next to blowers.
 - *In process.
- Ordered Influent pump (Per the 5-year plan).
 - *Expected to arrive before end of the month.
- Bar screen repairs are in progress.
 - *The delayed expected ship date is August 30th.
- Ordered EQ pumps for Plant 1&2.
 - *Expected to arrive the week of the 9th.

Bohls WWTP

- Ordered Influent pump (Per the 5-year plan).
 - *Expected to arrive before end of the month.

Lift Station #9

- Generator (per the 5-year plan).
* Expected to arrive before end of the month.

Lift Station #16

- Pump #2 replacement per 5-year plan has been ordered.
*Expected to arrive before end of the month.

Communication Project

- Phase one includes the backbone line between the Water Plant, Bohls WWTP and Pump Station #7 has been completed.

Line Maintenance Department Update

New Water Taps/ Connections:

- 13901 Green Hills Loop
- 10601 Oak Valley Trail
- 12805 South Madrone Trail

Leak repairs:

Repaired waterline leak behind WTP

Hydrants

- Survey work in North and South Sunset Canyon

Misc. repairs/projects:

- Repair/widen driveway at lift station #9
- Remove fire hydrant on Ladera behind Chic fil A

ITEM D

MURFEE ENGINEERING COMPANY, INC.

Texas Registered Firm No. F-353
1101 Capital of Texas Hwy., South, Bldg, D
Austin, Texas 78746
(512) 327-9204

M E M O R A N D U M

DATE: September 9, 2021
TO: BOARD OF DIRECTORS – WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY
FROM: George Murfee, P.E. *GM*
RE: Engineer's Report –September 2021
CC: Jennifer Riechers – WTCPUA General Manger
MEC File No.: 11051.155

Current Issues

Wastewater Flow

An updated figure tracking wastewater flows is attached.

Raw and Treated Water Flows

Figures are attached. Trends are in line with expectations.

CIP

A graphical summary of all CIP projects that are currently underway is provided below in the attached Gantt chart schedule.

Water-System Wide

Beneficial Water Recycling Project

The location of the facility is being evaluated. Three sites have been identified. Ownership across to treated effluent lines and ESD requirements are major items being considered.

One option for the beneficial reuse is to inject the potable water into an aquifer. Well data has been collected in the area and the water quality data is being researched to find an adequate site(s) for an injection well.

The interim solution for disposal is to use the BWR to produce water of high enough quality for injection into a local aquifer using an existing well. This method of disposal can be used while the pilot effort is completed.

Impact Fee Study 2021

The Land Use Assumptions & Capital Improvement Plan Report has been completed.

Permanganate Chemical Feed Relocation

MEC opened bids on August 24th, and received one bid from G Creek Construction. Our recommendation to award the project is presented separately.

Raw Water Transmission Main No. 2

The pipeline and fiber optic portions of the project are in place. Irrigation repair work along Bee Cave Road is complete; and final site restoration/clean-up and the last items of the general punch list are in process of being addressed. Conditional acceptance for environmental compliance has been issued by Travis County with the 3-year warranty period beginning on September 7, 2021.

Raw Water Transmission Main No. 2 Chlorine Injection Improvements

Record drawings have been completed with the help of the PUA. TCEQ approved plans June 22nd and CT Study approval anticipated soon, as indicated by TCEQ staff via email on 9/7/2021.

Uplands Water Treatment Plant Preliminary Engineering Report

The Draft PER was presented as part of the August Board packet and MEC is awaiting input. Proposal is being prepared for design of plant expansion, beginning with site plan permitting efforts and equipment vendor procurements.

Water Model Update and Calibration

We are reviewing the skeletonized pipe network to ensure it functions as the full system does. The original LCRA model is also receiving updates and being utilized for evaluating possible system expansions.

Water – SH71 System

1080 Transmission Main

MEC is continuing coordination with Capital Surveying and Spitzer & Associates to secure right of entry (ROE) and easements for various parcels of 1080 transmission main alignment, specifically west of Highway 620. Design plans were developed for the portion of the alignment east of Highway 620, referred to as Segment A. MEC submitted Segment A to the City of Bee Cave in August. Completeness check comments on administrative items were received on 9-7-2021 and are centered on easement statuses, which are being addressed. Capital Surveying is preparing the easement descriptions necessary to create draft easement documents.

Hamilton Pool Road Pump Station GST No. 2

MEC opened bids on September 1, and received two bids from Preload LLC and DN Tanks LLC. Our recommendation to award the project is presented separately.

Hamilton Pool Road 16" Water Line 2

The preliminary alignment has been identified while MUD 22 is working on securing easements. MEC is briefly participating in a weekly meeting with the MUD 22 developer on the easement acquisitions.

West Bee Cave Pump Station Expansion

The project is under construction and MEC is reviewing TTE's submittals.

Water – US290 System

1240 Conversion Waterline

We submitted site development plans to Travis County and the City of Austin to begin the review phase. We continue coordinating with interested stakeholders affected by the future construction project on a potential route change to minimize community disturbance. Comments from Travis County were received 9-7-2021. Consideration is being given to phasing this project so the Live Oak Springs development can move forward. Also, an alternative plan for the 1240 conversion is under consideration, associated with potential development activity in the vicinity of an alternate 1240 elevated tank site that the PUA has available.

1340 Pump Station

Payton Construction has started Phase II of the project involving the construction of the building. The pump station remains offline and the 1340 elevated storage tank is being filled through the 1420 interconnect. Pedernales Electric easements have been signed and construction fees have been paid.

1420 Pump Station Expansion

B-5 submittals under review and construction fees for the forthcoming PEC work have been paid.

Circle Drive PS and GST

Design work has commenced and design survey is complete. A final plat will be prepared and site plan issues are being identified. Additional property or easement will be required. MEC and LG are discussing options for land acquisition.

Sawyer Ranch 1340 Conversion Water Main

Plans are approved by all parties. Two bids were received on August 19, 2021, ranging from \$1,277,720.50 to \$1,296,766.00. We have reviewed the bids and bidder qualifications, and we recommend that the contract be awarded to the low bidder, Qro Mex Construction Company. Construction contracts have been prepared and are presented to the Board for approval/execution. Advertised and award of Work is on this agenda.

Southwest Parkway Pump Station Expansion

Ground Storage Tank (GST) 1 was put in service on March 16th. GST2 has been erected and contractor working on final stages of structural placement. Pipe tie-ins and earthwork to follow. Final completion anticipated for October 2021.

Wastewater

Bohls WWTP Expansion Design

A scope amendment for design and construction phases services for expanding the plant to 1.0 MGD is included separately. The design will also include the sludge dewatering system recommended in the Wastewater Solids Management Master Plan.

Wastewater Solids Management Master Plan

Specifications are being developed for competitive bidding to procure the recommended dewatering equipment. A complete solids management system will be included with in the design of the Bohls expansion. The design of the dewatering system will be sufficient to handle the proposed future sludge production of the entire system.

Other Projects

Developing Risk and Resilience Assessment & Emergency Response Plan for WTCPUA

MEC has completed and certified the Risk and Resilience Assessment on June 29th, 2021. As per America's Water Infrastructure Act of 2018 (AWIA), MEC is working on the Emergency Response Plan that is due on December 29th, 2021.

Fitzhugh Water Line Relocation

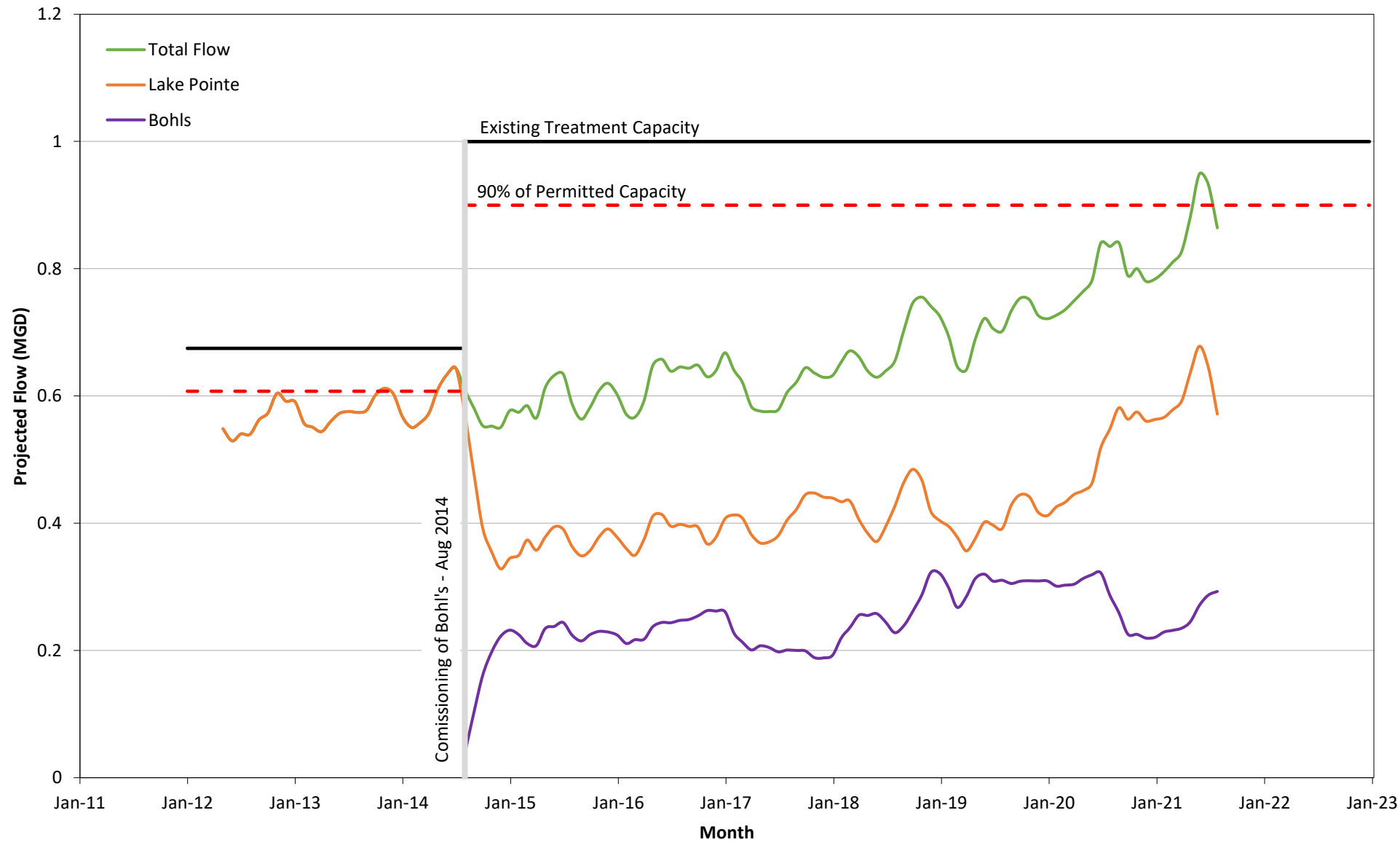
MEC has begun the waterline design and the initial set of plans for preliminary review are complete. Internal review is underway and options for coordinating with Travis County and City of Austin are being explored.

Lake Pointe Influent Lift Station Rehabilitation

Design is currently underway and drawings in development in coordination with the proposed liner manufacturer. MEC anticipates construction documents to be ready for mid-October bid advertisement.

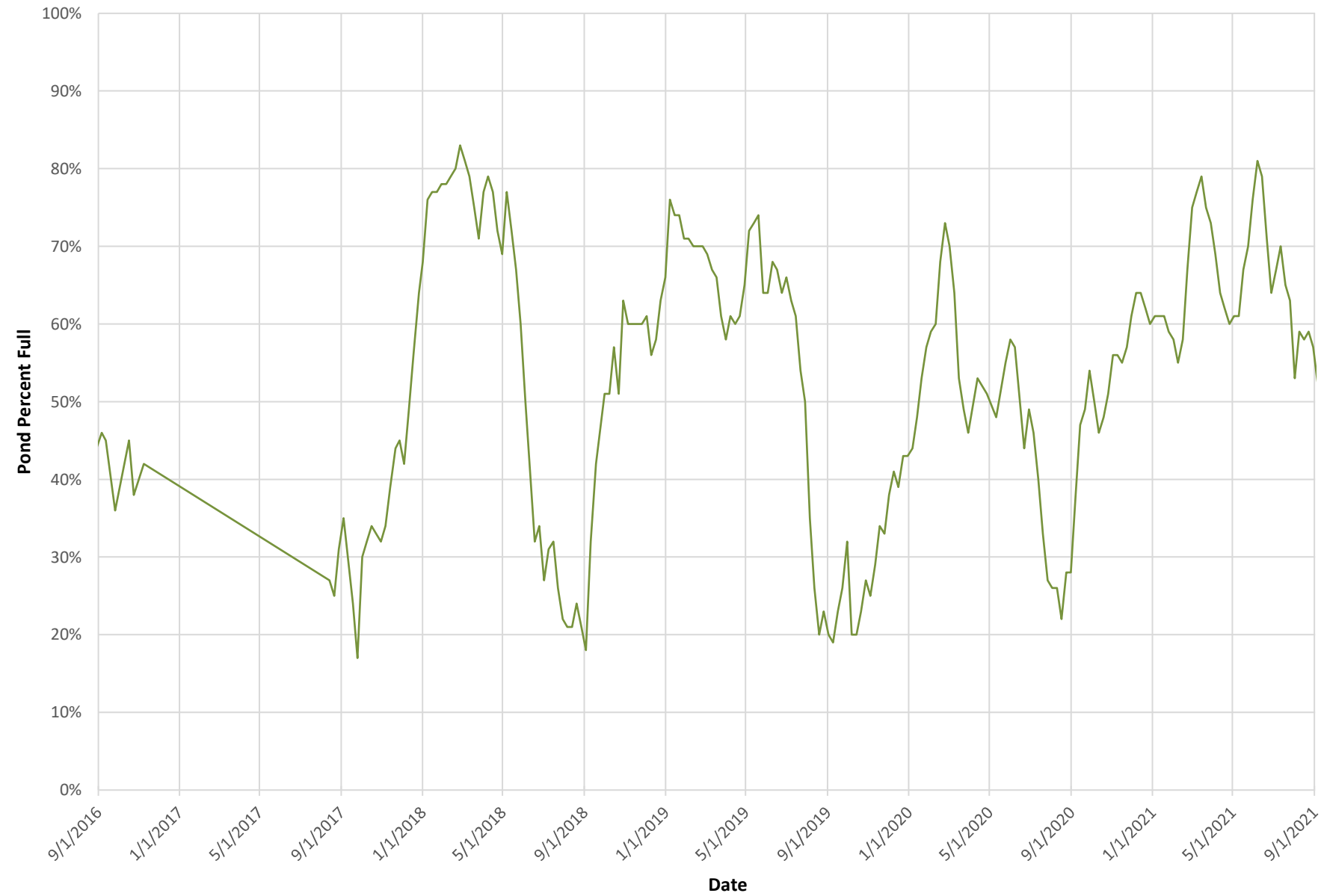
WTCPUA PRIORITY PROJECTS																																					
ID		Task Mode	Phase Status	Task Name	Finish	21 May	Jun	Qtr 3, 2021 Jul	Aug	Sep	Qtr 4, 2021 Oct	Nov	Dec	Qtr 1, 2022 Jan	Feb	Mar	Qtr 2, 2022 Apr	May	Jun	Qtr 3, 2022 Jul	Aug	Sep	Qtr 4, 2022 Oct	Nov	Dec	Qtr 1, 2023 Jan	Feb	Mar	Qtr 2, 2023 Apr	May	Jun	Qtr 3, 2023 Jul	Aug	Sep	Qtr 4, 2023 Oct		
1				WEST TRAVIS COUNTY PUA																																	
2			Active	Beneficial Water Recycling - Effluent Disposal Injection Well	Mon 5/1/23																																
3				Design	Mon 5/2/22																																
4				Construction	Mon 5/1/23																																
5				Beneficial Water Recycling Facility Design and TCEQ Permitting	Tue 5/2/23																																
6				Design	Tue 5/3/22																																
7				Construction	Tue 5/2/23																																
8			Active	RWL #2 - Design , Permitting and Const. Admin	Fri 10/1/21																																
9				CPS	Fri 10/1/21																																
10			Active	1080 Transmission Main Esmts Design, Approval, Const Admin (2 phase)	Wed 5/24/23																																
11				Segment A - Substantial	Mon 8/1/22																																
12				Segment B - Substantial	Thu 2/23/23																																
13				Design (Seg A and B)	Tue 2/1/22																																
14				Easements (Seg A and B)	Tue 2/1/22																																
15				CPS (Seg A and b)	Wed 5/24/23																																
16			Active	Permanganate Injection Relocation	Wed 6/1/22																																
17				Bidding & CPS	Wed 6/1/22																																
18			Active	Sawyer Ranch 1340 Conversion Water Line	Tue 5/3/22																																
19				CPS	Tue 5/3/22																																
20			Active	County Line 1340 Pump Station Design, Approval and Constr Admin	Tue 2/1/22																																
21				CPS	Tue 2/1/22																																
22			Active	HPRPS Ground Storage Tank #2 Design, Approval and Constr Admin	Thu 7/7/22																																
23				Design	Thu 7/1/21																																
24				CPS	Thu 7/7/22																																
25			Active	Lift Station 9 Rehabilitation Design & Construction Admin	Thu 7/1/21																																
26				CPS	Thu 7/1/21																																
27			Active	1240 Transmission Main CIP Project	Fri 11/4/22																																
28				Design & Approval	Fri 2/4/22																																
29				Easements	Fri 2/4/22																																
30				CPS	Fri 11/4/22																																
31			Active	Southwest Parkway PS GST No 2	Sun 10/31/21																																
32				CPS	Sun 10/31/21																																
33			Active	County Line 1420 PS Upgrades	Fri 4/15/22																																
34				CPS	Fri 4/15/22																																
35			Active	West Bee Cave PS Upgrades	Tue 3/1/22																																
36				CPS	Tue 3/1/22																																
37			Active	Lake Pointe WWTP Influent Lift Station Rehabilitation	Fri 8/5/22																																
38				CPS	Fri 8/5/22																																
39			Active	Raw Water Line 2 Chlorine Injection Improvements	Fri 10/29/21																																
40				CPS	Fri 10/29/21																																
41			Active	Preliminary Engineering - Uplands Water Treatment Plant Expansion	Fri 10/15/21																																
42				Design	Fri 10/15/21																																
43			Active	AWIA Compliance	Wed 12/1/21																																
44				Design	Wed 12/1/21																																
45			Active	Circle Drive Pump Station & Ground Storage Tank Ph 1	Fri 9/15/23																																
46				Design	Tue 3/8/22																																
47																																					

WTCPUA
Wastewater 3-Month Average Daily Flow



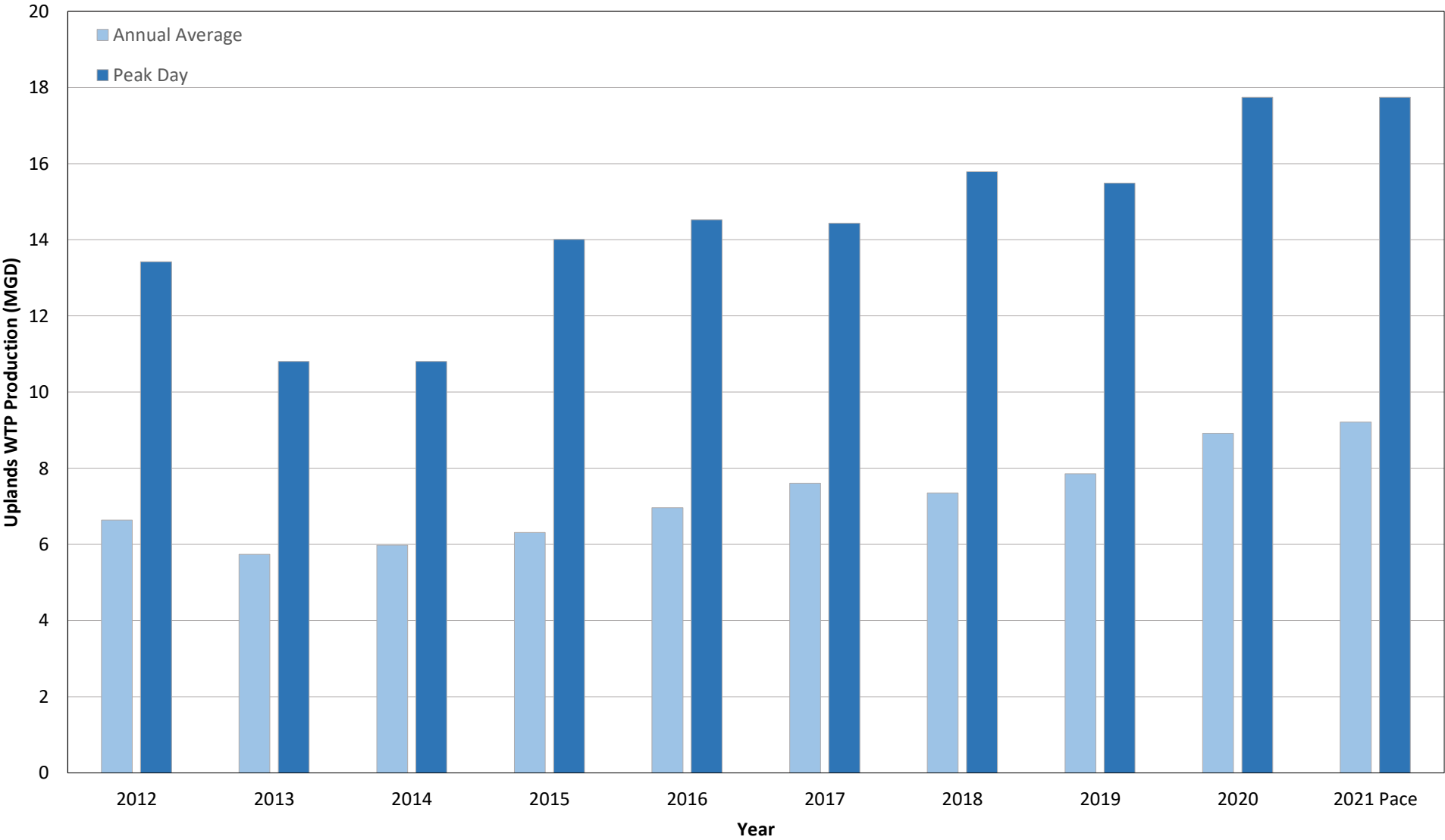
Murfee Engineering Co., Inc.
Texas Registered Firm No. F-353
1101 Capital of Texas Hwy., S., Bldg. D
Austin, Texas 78746

WTCPUA 5 Year Combined Effluent Pond Levels

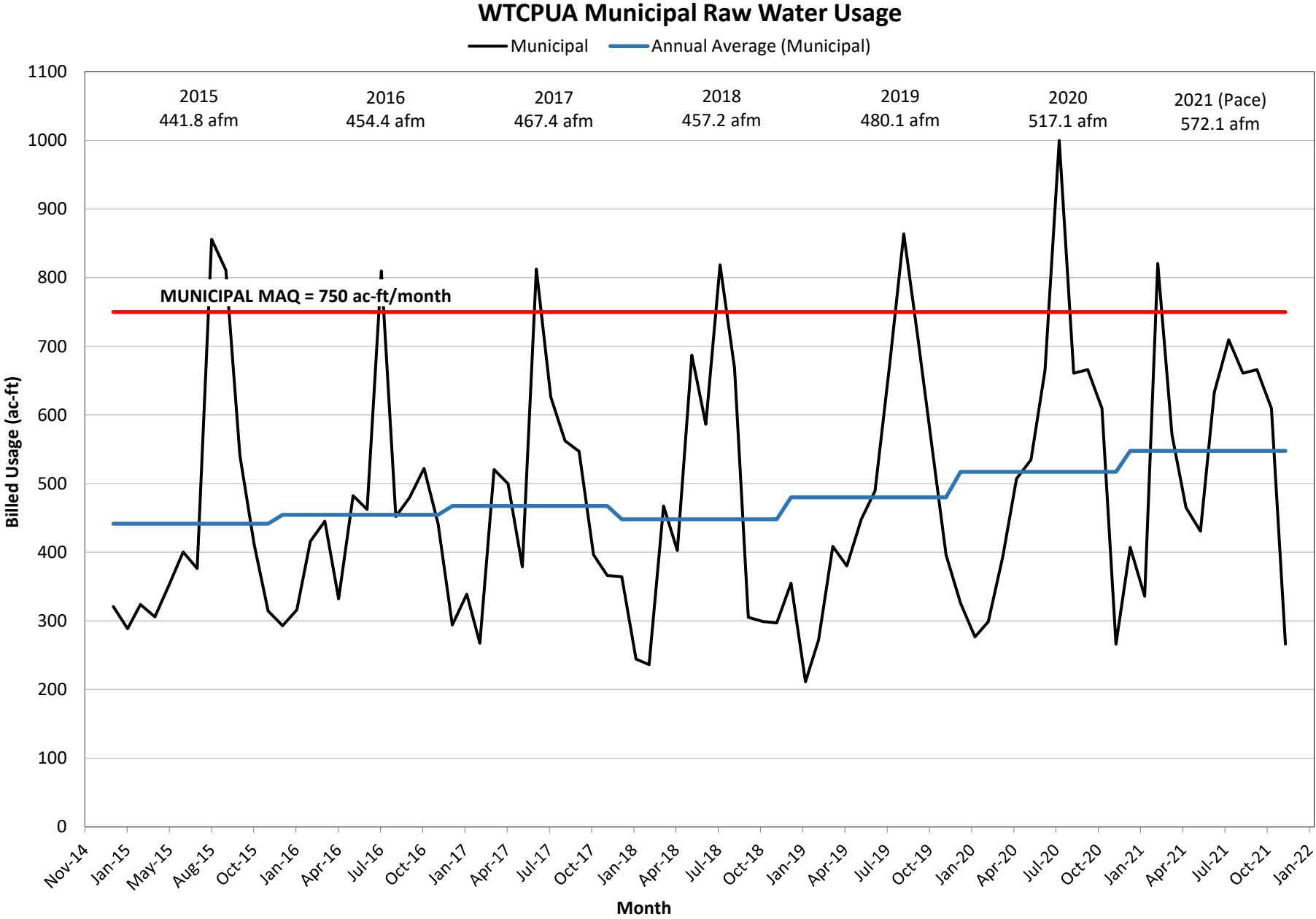


Murfee Engineering Company, Inc.
Texas Registered Firm No. F-353
1101 Capital of Texas Hwy., S.
Bldg. D, Ste. 110
Austin, Texas 78746

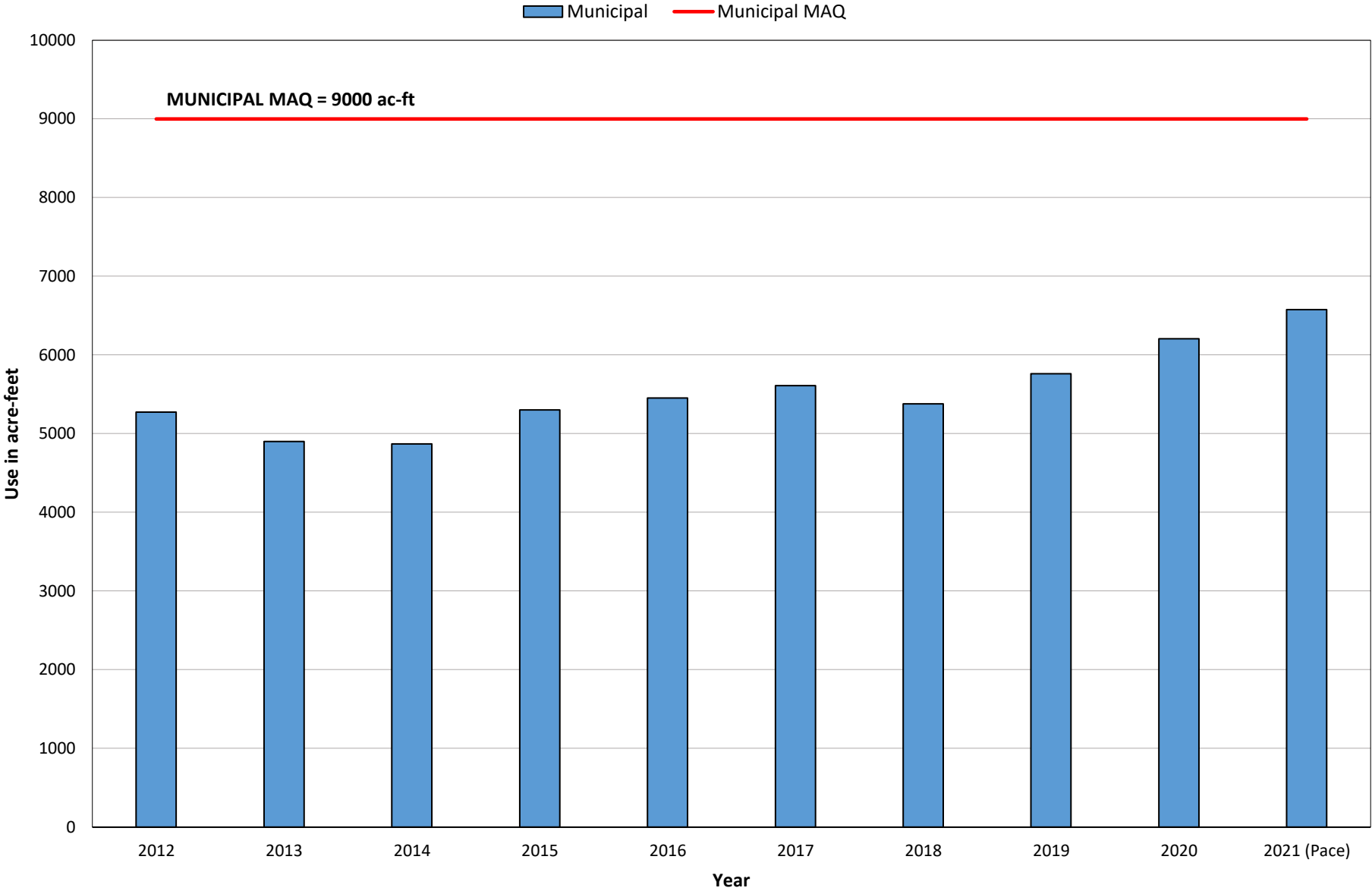
WTCPUA Uplands Water Treatment Plant Production Annual Production



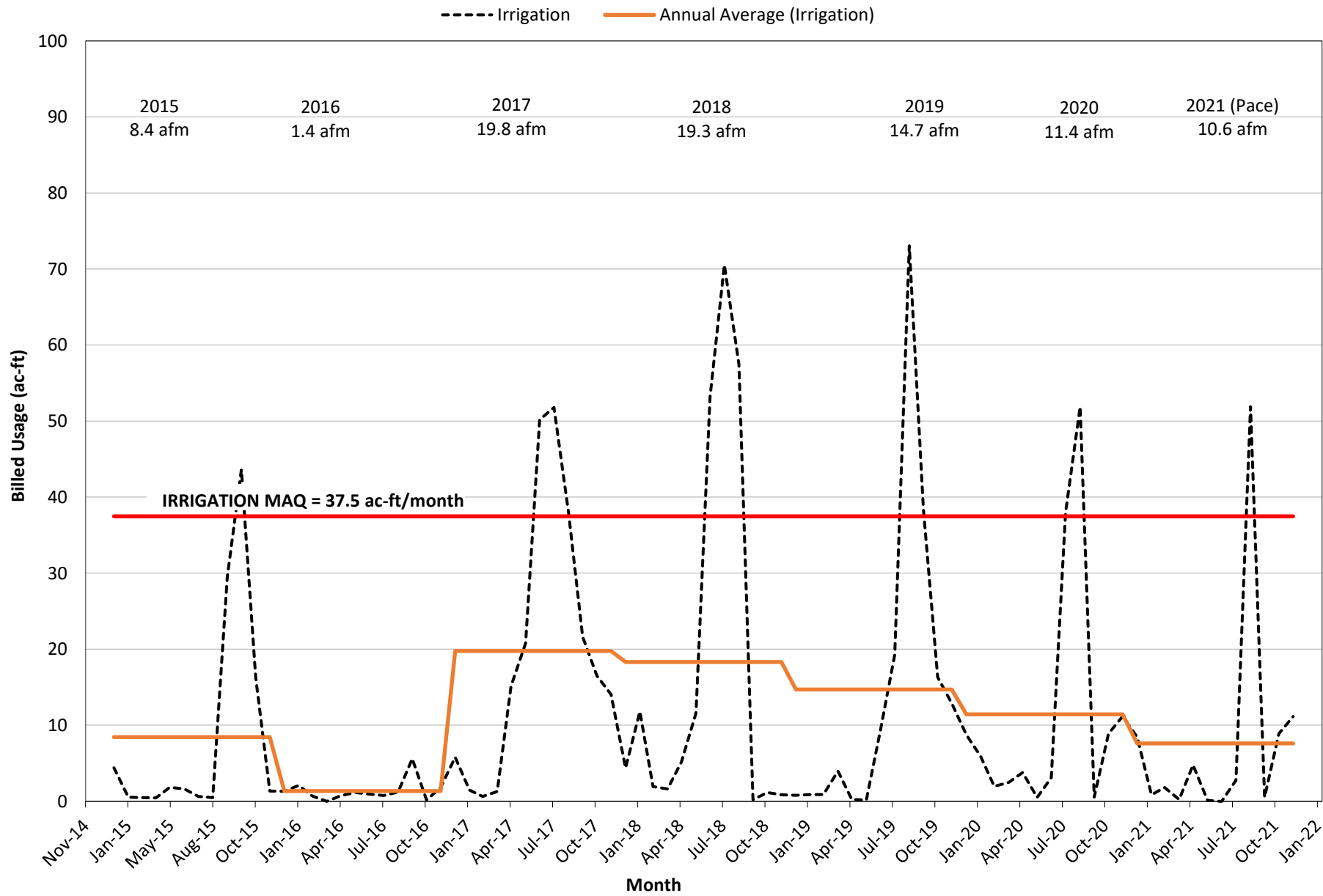
* - 12-Month period March '12 - Feb '13



WTCPUA Annual Cumulative Municipal Raw Water Use



WTCPUA Irrigation Raw Water Usage



WTCPUA Annual Cumulative Irrigation Raw Water Use

