

VI. NEW BUSINESS

ITEM A



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

MEMORANDUM

Date: May 16, 2019

To: Board of Directors – WTCPUA

From: Jennifer Riechers, Interim General Manager

Re: Billing Software Recommendation and Funding Plan

Staff researched, attended presentations/demos, visited neighboring utilities and obtained references regarding new billing software options from five software companies. While the various software companies are similar in functionality, one company stood out to staff due to their professionalism, functionality, integration, training and price competitiveness.

Staff recommends contracting with Tyler Technologies, Incode software with their cloud-based software options. Reasons for this recommendation are listed below:

Functionality:

Tyler has multiple modules that add support to the Utility Billing software module. The Utility Billing software will incorporate mobile service orders that provide real-time integration with an automated data sync, online account management that allows customers to have instant access to billing and account information, and automatic updates to accounts that will eliminate data entry duplication. Incode will have the capability to automate and integrate our wholesale and pretreatment program billing processes and save many hours of administrative time spent manually entering and processing monthly bills and payments.

Integration:

While we initially started the research on Utility Billing software, learning about Incode's fully compatible modules opened the discussion to fully integrate all aspects of the PUA's operations, billing, finance and work orders. Staff feels that transitioning to new software at one time would benefit the PUA by fully incorporating the setup and training in one event. This would automate all service areas and each department would be integrated so that everyone would have access to real time updates in the software system which will enhance the customer experience with accuracy and efficiency.

The following modules are recommended by staff for full integration:

Financial Module- We believe that the Financial Management module, which includes Fixed Assets, Project Accounting, Core Financials, Purchasing, Payroll/HR and an online document management system would be extremely beneficial to the functionality of the Agency. This software is widely used by governmental entities and has become an industry standard. As updates are made to the Utility Billing side (customer payments, monthly billing), updates are automatically made to the financial side. This integration will fully automate processes that are now done manually after each monthly district billing and will save many hours of staff time.

Work Orders Module- Including this module will allow a multi-year plan for preventive maintenance for Agency facilities and equipment to be put in place with fully integrated tracking of labor hours and material costs and maintenance histories.

Building Projects Module- This module will support the SER/construction plan process. It allows for customers to follow the process of their projects and will help digitally organize the internal SER program. Staff can see all projects online and click on project names to see all related documents regarding that project. Currently, the SER process is tracked by spreadsheets and there is no way for applicants to electronically check the status of their project. Billings associated with SER projects will be fully integrated with the Financial Module.

Training:

Tyler has included 632 hours of implementation time in their quote which includes many hours of end-user training both on-site and via web-based conferencing. They also provide access to Tyler University which is a comprehensive training resource for all modules, and online communities for learning best practices. This comprehensive coverage of training and user support was far superior to any other software company we researched.

Price:

A cost comparison schedule of total costs is attached for your detail review as well as the sales quotation from Tyler Technologies.

The cost for Tyler utility billing software is \$9,900 less than Logics utility billing software, which was another company for which we did in-depth research. A third quote was obtained from another provider that was almost identical to the Tyler software.

We analyzed the cost of adding the modules recommended above to the utility billing software for full integration and determined that the total annual fees are within \$2,300 of our current annual software costs.

Expected Funding Plan:

Total Implementation Costs					Funding Plan		
	One Time Fee	Annual Fees	Travel	Total	FY 2019 Adopted Budget	Rollover	FY 2020 Budget Funding Request
FY 2019	15,000	-	-	15,000	100,000	(85,000)	
FY 2020	99,050	75,158	15,000	189,208		85,000	104,208
	\$ 114,050	\$ 75,158	\$ 15,000	\$204,208	\$ 100,000	\$ -	\$ 104,208

Requested Board Action:

1. Authorize the Interim General Manager to execute a service agreement with Tyler Technologies to include the services listed on the attached sales quotation and related travel expenses in an amount not to exceed \$210,000.
2. Direct the Controller to move unused funds budgeted in FY 2019 to FY 2020 and to include the FY 2020 Budget Funding Request in the amount of \$104,208 in the FY 2020 budget.

Cost Comparison

-Tyler/Incode is \$9,900 less than Logics software for the utility billing software.

-After adding 5 new software functionalities (mobile service orders, fixed assets, project accounting, work orders & building projects), the Tyler/Incode annual fees are only \$2,300 higher than our current annual software costs which do not include any of the new functionalities.

		Tyler/Incode			Logics		
		One Time Fee	Annual Fees	Total	One Time Fee	Annual Fees	Total
Utility Billing							
	Utility CIS System	30,500	13,896		71,225	15,036	
	Mobile Service Orders NEW	1,000	906			2,100	
	3rd Party Printing Interface	500	3,928			Not Included	
	Cashiering	6,000	4,532			Not Included	
	Utility Billing Online Component	800	3,744			1,800	
	AVR Conversion Fees	10,000			10,000		
	Project Management	5,000					
	Tyler Univ (Online Training)		2,548				
	Hosting User Fee		6,900				
Utility Billing Total		\$ 53,800	\$ 36,454	\$ 90,254	\$ 81,225	\$ 18,936	\$ 100,161
Financial Management							
	Core Financials	18,250	11,479				
	Fixed Assets NEW	2,000	1,329				
	Project Accounting NEW	1,500	2,414				
	Purchasing	3,000	3,294				
	Payroll/HR	17,500	6,644				
	Content Manager	4,000	3,880				
Financial Management Total		\$ 46,250	\$ 29,040				
Work Orders (Preventive Maintenance Mgmt) Total NEW		\$ 9,000	\$ 6,481				
Building Projects (SER Project Mgmt) Total NEW		\$ 5,000	\$ 3,183				
Total Software Cost		\$ 114,050	\$ 75,158	\$ 189,208			
			48,000	Third Party Printing & Postage Fees			
			123,158	Total Annual Fees			
			Current Annual Fees				
			110,447	Utility Billing AVR Software			
			10,425	Accounting Software			
			\$ 120,872	Total-does not include any NEW software functionality			



Quoted By: Kirk Cunningham
 Quote Expiration: 8/10/2019
 Quote Name: West Travis County Public Utility Agency - Incode BL/WO
 Quote Number: 2019-66529-2
 Quote Description: West Travis County PUA FIN-UB-TCM 5-9-19 (SaaS)

Sales Quotation For

Jennifer Riechers
 West Travis County Public Utility Agency
 12117 Bee Cave Rd
 Bee Cave , TX 78738
 Phone: +1 (512) 263-0100
 Email: jriechers@wtcpua.org

Tyler Software and Related Services - SaaS

Tyler Software and Related Services - SaaS		One Time Fees			
Description	Impl. Hours	Impl. Cost	Data Conversion	# Years	Annual Fee
Financial Management Suite					
Core Financials	92	\$11,500	\$6,750		\$11,479
Fixed Assets	16	\$2,000	\$0		\$1,329
Project Accounting	12	\$1,500	\$0		\$2,414
Purchasing	24	\$3,000	\$0		\$3,294
Personnel Management Suite					
Personnel Management (Includes Position Budgeting)	92	\$11,500	\$4,000		\$6,644
Employee Self Service (Employee Portal)	16	\$2,000	\$0		\$0
Customer Relationship Management Suite					
Utility CIS System	176	\$22,000	\$8,500		\$13,896
Mobile Service Orders	8	\$1,000	\$0		\$906
Third Party Printing Interface	4	\$500	\$0		\$3,928
Cashiering	48	\$6,000	\$0		\$4,532
Work Orders	72	\$9,000	\$0		\$6,481
Building Projects	40	\$5,000	\$0		\$3,183
Tyler Content Manager					
Tyler Content Manager Standard Edition (TCM SE)	32	\$4,000	\$0		\$3,880
Tyler Hosted Applications					
Utility Billing Online Component	0	\$0	\$0		\$3,744
Notifications for Utility Billing	0	\$0	\$0		\$0
IVR Solution for Utility Billing	0	\$0	\$0		\$0
Tyler U	0	\$0	\$0		\$2,548
Hosting User Fee	0	\$0	\$0		\$6,900
Sub-Total:		\$79,000	\$19,250		\$75,158

TOTAL:	632	\$79,000	\$19,250	3	\$75,158
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Other Services

Description	Quantity	Unit Price	Extended Price	Maintenance
Online Application -Set up fee	1	\$800	\$800	\$0
Project Management	1	\$5,000	\$5,000	\$0
TOTAL:			\$5,800	\$0

Summary

	One Time Fees	Recurring Fees
Total Tyler SaaS	\$0	\$75,158
Total Tyler Services	\$104,050	\$0
Total Third Party Hardware, Software and Services	\$0	\$0
Summary Total	\$104,050	\$75,158

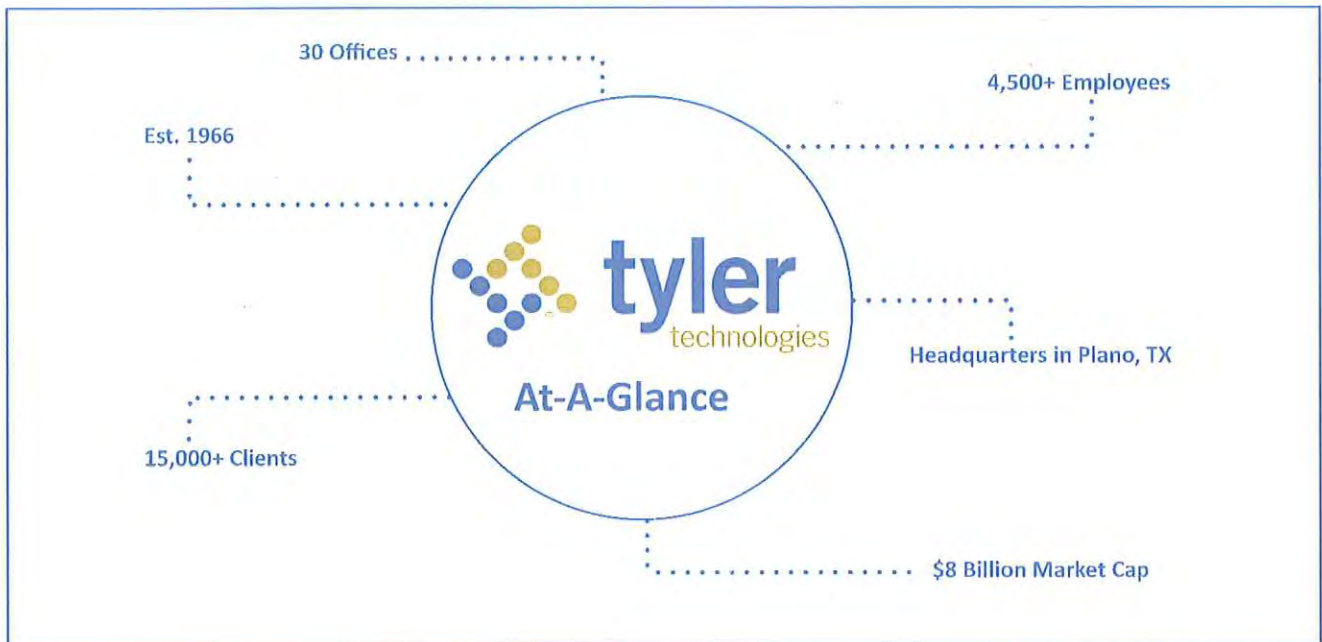
Detailed Breakdown of Conversions (Included in contract total)

Description	Hours	Unit Price	Programming Fee	Extended Price
Financial Management Suite				
General Ledger - Conversion	8	\$125	\$1,500	\$2,500
General Ledger - Legacy.Historical Views	4	\$125	\$500	\$1,000
Accounts Payable Conversion	4	\$125	\$1,750	\$2,250
Accounts Payable - Legacy.Historical Views Conversion	4	\$125	\$500	\$1,000
Personnel Management Suite				
Personnel Management -Payroll Conversion	4	\$125	\$2,000	\$2,500
Personnel Management -Payroll - Legacy.Historical Views Conversion	4	\$125	\$1,000	\$1,500
Customer Relationship Management Suite				
Utility Billing Legacy/Historical Views-Conversion	4	\$125	\$1,000	\$1,500
Utility Billing -Conversion	12	\$125	\$5,500	\$7,000
Total:				\$19,250

Comments

This an Incode 10 and Sourcewell agreement.

- Utility CIS System includes collections, tax lien process and import, utility payment import, a standard forms pkg., output director and one Utility handheld meter-reader interface.
- Cashiering supports credit/debit cards via ETS, includes PCI Compliant, a cash collection interface, a cashiering receipt import)
- Incode Utility Billing Online Component displays the current status (late, cut off etc), the action needed to avoid penalty, current balance, deposits on file (optional), last payment date, last payment amount, payment arrangements on file, last bill amount, last bill date, bill due date, contracts on file and status, transaction history (online payments). Payment packet is created to be imported to utility system. Address information includes legal description, precinct, school district, and services at address(subject to data availability). Includes consumption history by service (including graphs), request for service (optional), information change request (optional), security -SSL (secure socket layer). Note that the customer pays \$1.25 fee per transaction for payment on-line.
- Notification for Utility Billing (\$0.10 per call) includes Customer notification by phone (call late notices and general notifications). Call lists are automatically generated and the account is updated after the call. It includes a custom message for each call type and the call message can be in English or Spanish. It generates reports based on call results. Note: The Utility will be billed at the rate specified above for all the calls made. The Utility will be billed quarterly by Tyler Technologies for calls conducted.
- Utility Billing conversions include contacts/properties/accounts, service meter info - meter inventory, transaction/consumption/read history (2 Years), metered services (1 metered service), non-metered service (up to 2 services). Additional fee for historical views.
- Incode IVR Solution for Utility Billing-The payment packet is created in centralized cash collections. The IVR system gives the customer an account balance, the customer makes the payment by phone, and the account manager is updated with the payment record. NOTE: There is a \$1.25 per transaction fee associated with the IVR that will be paid by client unless Tyler is instructed by the client to pass along to the user at time of payment.
- Travel Expenses are billed as incurred based on our current Business Travel Policy.
- Core Financials includes general ledger, budget prep, bank recon, AP, Express, CellSense, a standard forms pkg, output director, positive pay, secure signatures (qty 2).
- General Ledger conversions include Chart of Accounts - additional fee for historical views.
- Accounts Payable conversions include Vendor Master Only - additional fee for historical views.
- Personnel Management/Payroll conversions include employee master, deductions/taxes, retirement, current leave totals, current direct deposit - additional fee for historical views.
- Hosting User Fee includes 12 users. Hosting includes Basic Network Services and Disaster Recovery Services.



Appraisal & Tax

Courts & Justice

ERP | Financial

Civic Services

Public Safety

Records & Documents

Data & Insights

Seven Software Solutions

Largest Client Los Angeles County, CA Pop. 10M	Client Retention Rate 98%	On Forbes' "Best Small Companies" List 9 YEARS	Smallest Client Loving County, TX Pop. 113
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West Travis County Public Utility Agency

Demo Book

Incode 10

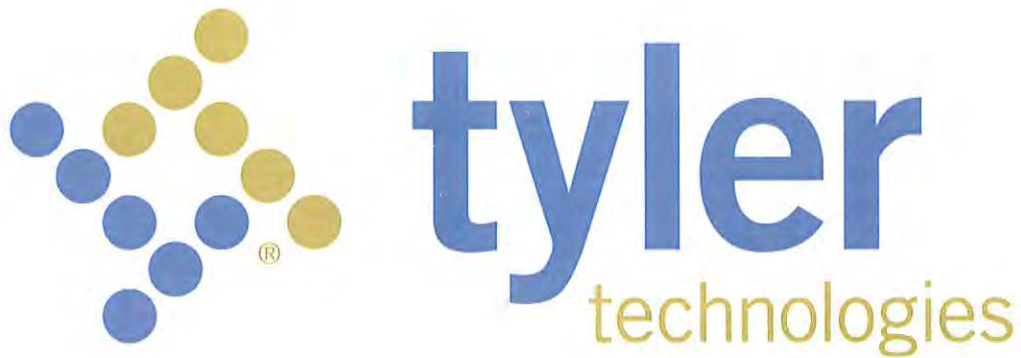
Finance

Personnel Management

Utility Billing

Tyler Content Manager





Kirk Cunningham

Senior Account Executive
(800) 646-2633 x798206
Kirk.Cunningham@tylertech.com

Jon Voyles

Solutions Consultant
(888) 654-3293 x777580
Jon.Voyles@tylertech.com

Aaron Royal

Solutions Consultant
(800) 646-2633
Aaron.Royal@tylertech.com

Tyler Technologies Incode 10

Software Demonstration For

West Travis County PUA

February 28, 2019

Kirk Cunningham, Senior Account Executive

Jon Voyles, Financials Solutions Consultant

Aaron Royal, Utilities Solutions Consultant

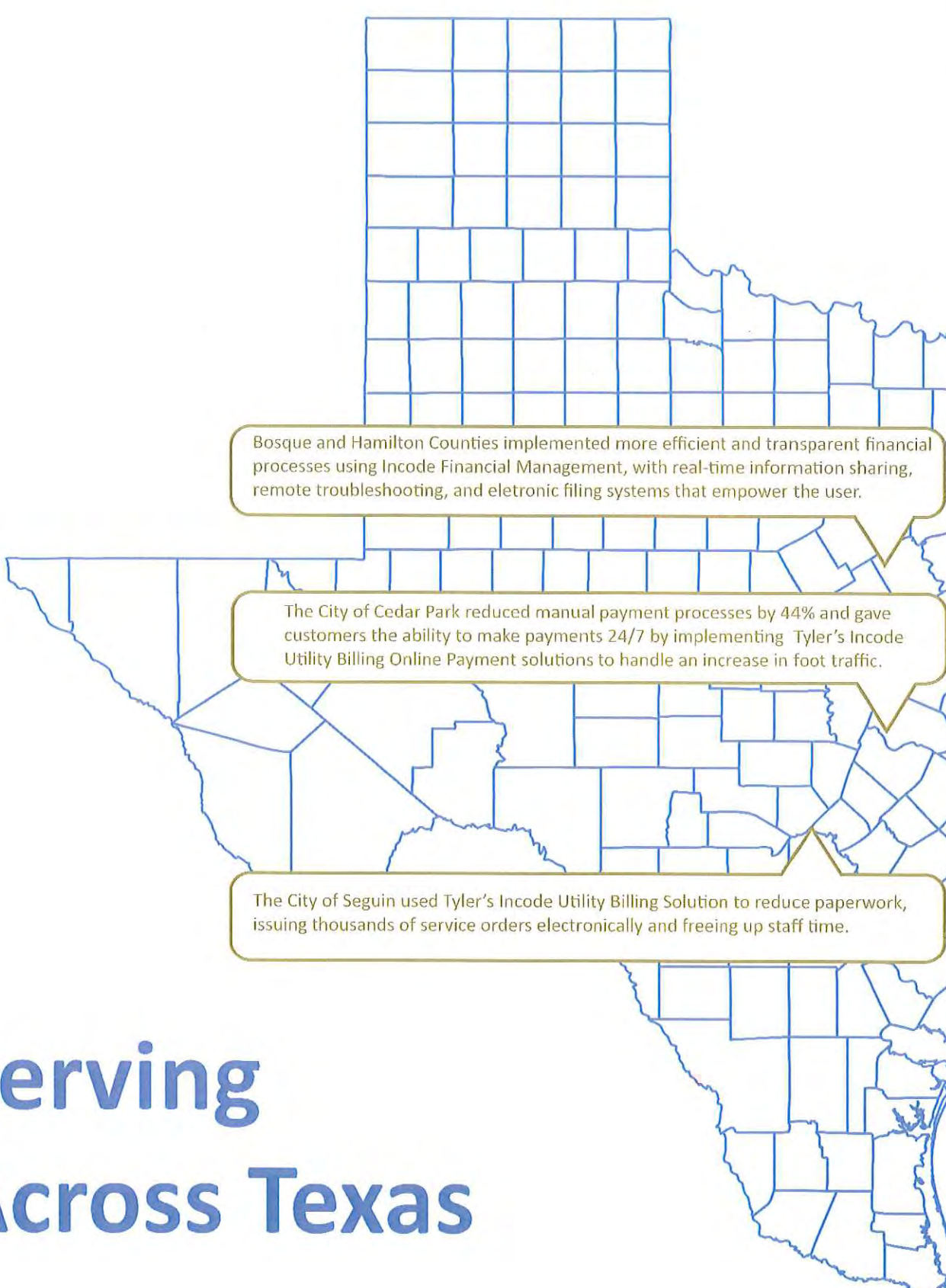
- 8:30 *Introduction to Tyler | Incode***
- Company Background & Unique Strengths
 - Customer Service & Support, Tyler Community and Tyler U
 - Overview, Navigation, Dynamic Grids
 - General Reporting, Tyler Cell Sense, Incode Express
- 9:00 Core Financials:**
- General Ledger, Budget Preparation and Management
 - Bank Reconciliation, Journal Entry, Fixed Assets
 - Accounts Payable
- 9:45 Break**
- 10:00 Utility Billing**
- Billing: Water & Waste Water
 - Mobile Service Orders and Work Orders
 - Cashiering
 - Incode Online Bill Pay
 - Incode Notifications and IVR
 - Incode Permitting (discussion)
- 11:15 Personnel Management**
- Employee Self Service
 - HR Information Management
 - Payroll Processing / Output Director
- Noon End / General Q&A**

Anyone who will be involved in any part of the demo should attend the General Session

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Serving Across Texas



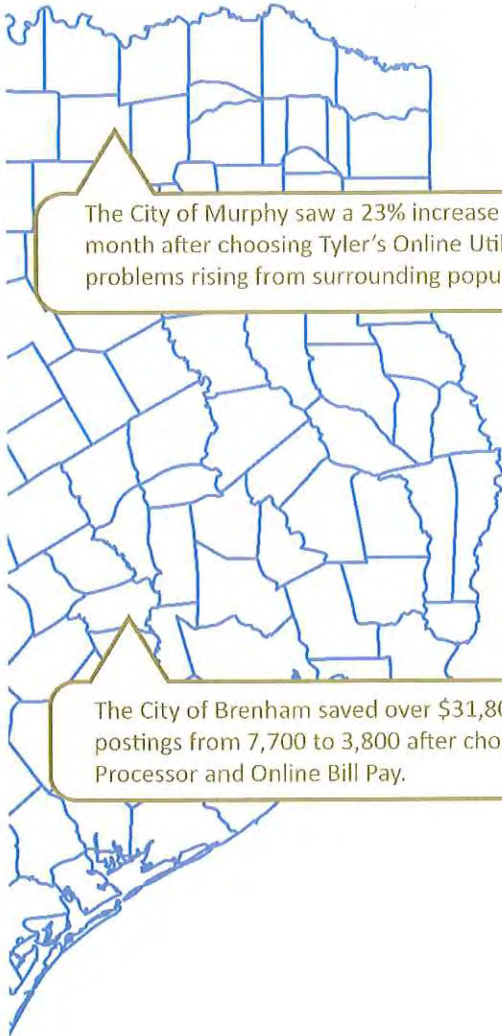
Bosque and Hamilton Counties implemented more efficient and transparent financial processes using Incode Financial Management, with real-time information sharing, remote troubleshooting, and electronic filing systems that empower the user.

The City of Cedar Park reduced manual payment processes by 44% and gave customers the ability to make payments 24/7 by implementing Tyler's Incode Utility Billing Online Payment solutions to handle an increase in foot traffic.

The City of Seguin used Tyler's Incode Utility Billing Solution to reduce paperwork, issuing thousands of service orders electronically and freeing up staff time.



tyler
technologies



The City of Murphy saw a 23% increase in online business and saved 56 hours per month after choosing Tyler's Online Utility Account Management System to solve problems rising from surrounding population growth.

The City of Brenham saved over \$31,800 in labor costs and decreased manual postings from 7,700 to 3,800 after choosing to implement Tyler Output Processor and Online Bill Pay.

Why Us?

- We're committed to what we do
- We're professionals who have walked in your shoes
- We're people who understand your needs
- We know the public sector like no one else

The Public Sector is our one focus.



Incode 10 Software Feature Overview

Make WTCPUA more efficient, accessible, and responsive to the needs of its customers with Tyler's Incode solution. Incode's modular design allows you to grow into our seamlessly integrated application with the addition of new programs as you find them necessary. All products in this proposal are designed and supported by Tyler or one of our partners, so you will never run into issues with compatibility.

Technology moves fast. As new tools and technologies become available, Tyler continually enhances our software suite. The latest generation of Incode software offered to you utilizes Microsoft's powerful .NET technology, allowing for a visually dramatic user experience, seamless and secure communication, and the ability to model a range of business processes. With the end-user in mind, we have included countless features to facilitate more efficient, personalized access to data. This extensive toolset can streamline day-to-day operations and make you more effective for your community.

Modular Integration

The Incode solution is an extensive collection of integrated applications categorized into different suites depending upon the needs of WTCPUA. Incode's modular design uses a single database for all applications, allowing you to purchase and implement specific applications without jeopardizing your ability to integrate new modules in the future. Even if you are unsure of your current needs, our experienced implementation staff can guide you in

best business practices to achieve a better workflow using our past experiences with clients like you.

Customizable Applications

Further personalize each Incode application to your needs with user-defined customization.

Application	Customization
System Files	From basic definitions, such as the record identifier, to more complex options like budget checking
Information Console	User-specific point of entry through Microsoft® Sharepoint to individual Incode applications and relevant data with the ability to view key performance indicators, summary data, and user-specific reports
Screens	Customizable colors, processes, and access contingent on role-based security
Tables	Records specific to each application that are accessible and validated during data entry
Fields	Custom data fields can be created in various Incode modules, allowing for multiple customization options.

Workflow and Workspace Management

Automate, simplify, and direct workflow in WTCPUA using features from Incode's customizable workspace functionalities:

- Multiple Windows and Dual Monitor Use
- Customizable Widgets and Shortcuts
- Pre-defined Templates
- Workflow Metrics and Key Performance Indicators
- Automatically Updated Data
- Role-Specific Processes

- Internal Notification and Messaging
- Integration with Microsoft® Outlook
- Audit Footprints

Audit Trail Features

Keep detailed track of transactions and updates with the Incode solution's auditing features:

- Create audit footprints with user ID for each processing step
- Record dates, amount names and numbers, transaction amounts, descriptions, and references
- Query audits in a central console
- Use search filters on queries
- Access record details with one click

Report Services

Incode software includes standard reporting and analysis tools, as well as an integrated Report Writer for ad-hoc report writing, report modification, and unique report design. Preview reports and explore related data using custom display parameters, layouts, and formats. Schedule reports to run at chosen times, automatically deliver reports to designated personnel, export reports to a variety of file formats, or print reports at any time.

E-Government Capabilities

Keep a positive relationship with the customers of WTCPUA using Incode's web solutions. Promote transparency and public access and streamline the upload of payment with the web-integration of Incode applications supported through InSite.

Security Features

Use a variety of security options with Incode software:

Security Option	Function
Form Based	The user must specify login credentials each time the software is executed
Domain Based	User information is pulled from Windows Domain and checked against database
Mixed Mode	User information is first pulled from the Windows Domain and checked; if credentials fail, the use can enter credentials by hand
Active Directory	User information is pulled from Windows Domain and queried against the Active Directory structure
Single Machine	A single machine can be excluded from or set exclusively to one of the above modes

Our security features offer you peace of mind by providing:

- Permission assignment to individual applications and internal programs
- Support for both individual and group permissions
- Program execution tracking
- Logs of information such as date, time, user, program name, and system message

Service and Support

Access next-level service and support for all your Tyler products, learning more the programs that improve your workflow and quickly resolving any issues you encounter.

Customer Support

To resolve support issues promptly, Incode offers customers many different choices for contacting support personnel:

- Email Support
- Live Internet Support
- Live Telephone Support

Live support means a more expeditious resolution for you, helping you efficiently manage your time.

Customer Education

Learn more about our materials and processes through a variety of venues:

- On-Site Training
- Regional Training
- Web-Based Seminars
- Online Self-Study Courses
- Annual Education Forums

At annual education forums, choose between diverse classes out of a structured schedule, with topics tailored to your needs at work, potentially earning Continuing Professional Education credits.

Quality Assurance

We incorporate an extensive Quality Assurance when we develop our software. Members of the Incode Quality Assurance team specialize in specific areas of the product line, testing each component of a new application and ensuring it seamlessly integrates with other Incode applications. Furthermore, each new release of Incode software undergoes extensive Beta testing in the field at different customer sites.



Core Financials

General Ledger

Maintain comprehensive and flexible control of financial transactions in WTCPUA with the Incode General Ledger. Cut down on time spent in data entry by automating routine functions, and instantly review and report relevant financial information.

Report Functionality

Securely review and report any financial information using powerful financial management tools at the individual account level.

Create Reports

- Use pre-defined templates
- Create tailored financial statements using the integrated Financial Statement Designer
- Group accounts together to provide quick selection when generating reports

Manage Reports

- Schedule reports to be delivered to users at a specific date/time
- Export results to other data formats
- Quickly view account budgets
- Use search grids with printing and exporting capabilities

- Capture pertinent information with the notes and document attachment features
- Easily extract financial information into existing Microsoft® Excel spreadsheets

Secure Reports

- Control user access at the account and budget level
- Use secure add/edit functionality from anywhere in the system
- Maintain a complete audit trail
- View transactional footprints and audit logs

Transaction Functions

- Add accounts en masse
- Configure account structures by type
- Calculate and track multiple allocation methods without a separate spreadsheet
- Automatically create interfund balancing entries for posted transactions across multiple funds
- Open concurrent fiscal years to accommodate the entity's audit schedule
- Automate the fiscal year-end closing process

Integrations

- Financial
- Personnel
- Cashiering
- Utility Billing
- Customer Relationship Management
- Court

Budget Manager

Create and review budget information for all accounts and departments in a simple, secure interface. Use the Budget Manager to organize and maintain the budget for WTCPUA.

Report Functionality

Consolidate budget prep and analysis functions in one place with customized access restrictions and audit trails to all changes to the status, amount, or description of any item. Quickly install adopted budgets and maintain ODBC interface compliance with the Budget Manager's report functionality

Create Budgets

- Calculate projections based on other budgets or year-to-date balances with custom multipliers and filters on cost centers and account segments
- Access all revenue and expenditure line items, including line items for future budget periods
- Report budget projections with custom financial statement formats
- Import personnel budgets from the HR Position Control Budgeting module
- Export and import budgets with Microsoft® Excel

View Budgets

- Sort budget information by fund, department, type, or accounts
- Create budget notes at the line item, department, and fund level
- Edit budget information at the individual account level
- Group line items for budget control
- View supporting details, notes, and distribution of dollars from budget worksheet views
- Calculate projections based on other budgets or year-to-date balances with custom multipliers and filters on cost centers and account segments
- Automatically distribute customized budget amounts

Bank Reconciliation

Tyler's Incode Bank Reconciliation software is an interactive module that reconciles monthly bank statements to general ledger cash accounts.

Efficiently produce reports, track and compare items automatically, and easily look up reports for comparison.

Easily Reconcile and Track Transactions

Automate month-end reconciliation processes and recognize bank deposit, services charge, interest income, and returned and cleared check postings with efficient reconciliation and tracking services.

Efficient Reconciliation

- Reconcile monthly bank statements to general ledger cash accounts
- Use default clearing dates to speed up the reconciliation process
- Clear outstanding transactions individually or in groups
- Use multiple bank accounts
- Consolidate the reconciliation process to maintain a single bank account with multiple secondary cash accounts in various funds
- Process an unlimited number of cash accounts per fund
- Easily accept transaction adjustments
- Produce Bank Transaction Reports using different filters

Reconciliation Tracking

- Automatically track the beginning date of the next bank statement
- Track the originating system, account number, footprint details, and change history of an item
- Use notes feature to capture important information on Bank Accounts and Statements
- Indicate voided checks on the reconciliation register
- Easily compare monthly reconciliation statements reflecting balance summary and period activity for both bank account and general ledger
- Use search grids with printing and exporting capabilities
- Use quick item-lookup features such as amount range, type, and status

Integrations

- General Ledger
- Accounts Payable
- Payroll
- Fixed Assets
- Utility Billing
- Cashiering

Accounts Payable

Monitor cash flow, reduce data entry duplication, manage vendors, process invoices, and maintain audit trails with Incode's Accounts Payable software module.

Manage Vendors

Use the multiple vendor features to search by vendor name, vendor number or DBA name, maintain multiple addresses, and set payment terms, along with other management functions.

- Manage and inquire key vendor information
- Add unlimited user-defined fields at the vendor level to meet your information tracking needs
- Change the status of multiple vendors at one time based on last activity date
- Create vendor payables based on a defined schedule or template
- Add or edit GL accounts and vendors during payable processing
- Query, view, and print comprehensive vendor transaction history in dynamic, configurable grids
- Display outstanding purchase orders for a vendor during payable entry

Manage Payments

The flexibility of the software allows users to accept, search, and manage multiple kinds of payments.

- Control the payment process and cash requirements
- Use multiple payment methods, over-budget checking, and docket/claim numbering
- View the Open Payable Report to view and filter through user-specified funds
- Write checks from separate funds, a disbursement fund, or a pooled cash fund
- Expense items to a virtually unlimited number of accounts and funds
- Produce registers and audit reports for a complete audit trail
- Track sales and use taxes

Manage Data

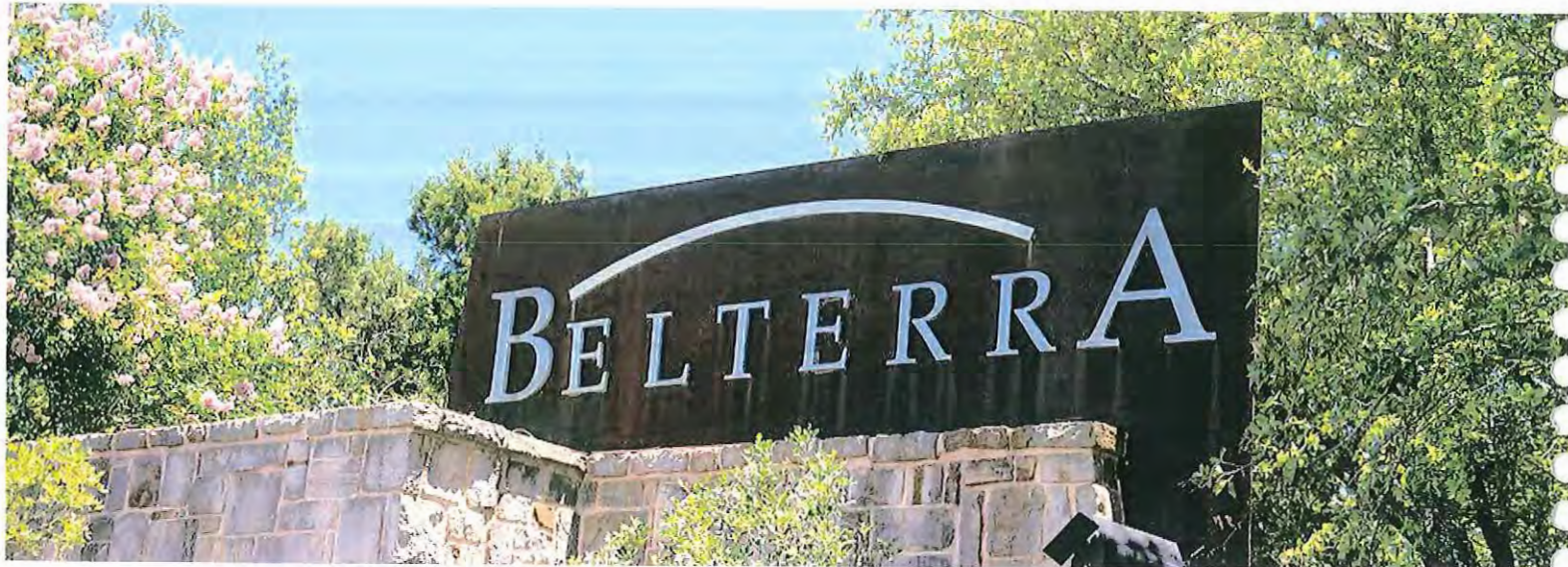
Manage and view a comprehensive, clear transaction history, with easy electronic filing, audit trail maintenance, and other tools for a paperless office.

- Prevent duplicate payable numbers
- Write checks on demand
- Select automatic payments by vendor, due date, or manual payment selection
- Export report results to other data formats
- Import payables via flat/text file
- Go paperless with integrated Document Management
- Produce electronic files for federal and state reporting
- Manage and track 1099-MISC and 1099-S reportable transactions
- Print 1099 and 1096 forms
- Use a variety of reporting options

Integrations

- General Ledger
- Purchase Orders
- Payroll
- Bank Reconciliation
- Fixed Assets
- Project Accounting

- Work Orders
- Business License
- Building Projects
- Sales Tax
- Special Assessments



Personnel Management

Employee Self Service

Tyler's integrated Incode Employee Self Service (ESS) offers WTCPUA a robust time-entry solution directly through a web application.

User Controls

Automatically calculate FLSA-based overtime for periods of up to 28 days, allow individual employees or assigned delegates to enter time, and review and approve employee status and individual/group times with a group approval screen using our ESS application.

Personalized Employee Abilities

- View or update personal information
- Check announcements and view leave, paycheck, and position history

Online Administrator Abilities

- Add/edit/delete announcements and user
- Configure online display options

Integrations

- Incode Personnel Management

Personnel Management

Adaptable user controls and tracking, efficient report production, customizable security measures, easy FLSA and FMLA compliance requirement monitoring, user-defined checklist, and flexibility for unique cases make Incode Personnel Management an easy choice for the Human Resources in WTCPUA. Our software gives you all the attributes of a feature-rich Payroll application and a comprehensive Human Resources software.

Manage Efficiently

Tools are available that allow users to query and manage information at the employee level including personal data, position history, pay details, leave balances, FMLA events, equipment, worker's compensation events, training, education, certification, and reviews.

Employee Management

- Query and manage employee-level information
- Assign specific requirements, manage personnel, and develop budgets by position
- Develop multiple budgets for various potential scenarios
- Create adjustable default benefit plans
- Track information about employee dependents
- Allow employees to use Direct Deposit capabilities and leave-tracking features
- Easily identify important dates on employee records using alerts
- Schedule employees by groups for training, testing or reviews
- Add user-specific security restrictions and apply department-level permissions
- Write emergency checks and use an automated check reversal process

Report Management

- Produce monthly, quarterly, and year-end reports as required
- Maintain employees' personal information

- Automatically track employee completion of certification and training
- Manage accident and injury claims covered by workers' compensation
- Report employer liability for accrued benefits at fiscal year end
- Process entities with separate taxpayer ID numbers using multiple payroll sets
- Limit viewing of Social Security numbers by security code
- Print custom payroll forms and letters from Microsoft® Word templates
- Print overlaid 941 forms

Integrations

- Distributed Time Entry
- Time Clock Interface

Tyler Content Manager, Standard Edition

Reduce printing, automate image capture, use pre-configured documents, and access secure archives from within the Tyler Content Manager, Standard Edition (TCM SE). Streamline your workflow and save WTCPUA money in the process.

Protect and Manage Documents

With TCM SE, all documents are linked together through one solution. Users can view and work with multiple document types across your organization, in multiple business scenarios. Go fiscally and environmentally friendly by becoming paperless, eliminate misfiled documents and lost papers, and easily access and maintain your documents with the TCM SE program.

Document Storage

- Automatically capture forms and reports
- Scan and process invoices in batches

- Create, print, and automatically archive Incode Mail Merge documents
- Annotate documents and link to reports submitted during scheduled job execution

Custom Security

- Respond to audit information requests, subpoenas, and other mandatory requirements
- Link documents together to be viewed by authorized personnel with one solution
- Customize system to conform with to Records Management requirements
- Maintain audit trail and document backups

Document Search

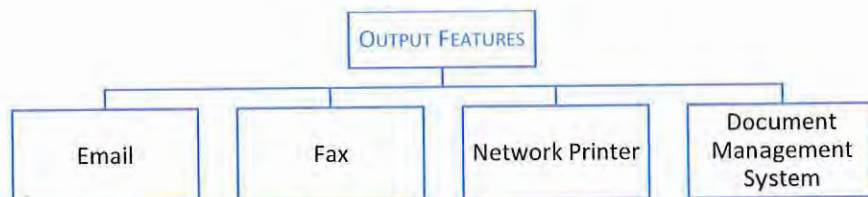
- Create and access keyword search features and custom criteria
- Quickly index and search text with Optical Character Recognition
- Support simultaneous active users searching and retrieving
- Give employees, vendors, and customers access to self-service

Integrations

- Incode Mail Merge
- TCM Self Service (Optional)
- TCM Disaster Recovery Services (Optional)

Tyler Output Processor

Choose how to handle document output and saving. Email, fax, or keep hard copies, or choose to automatically capture and index images.

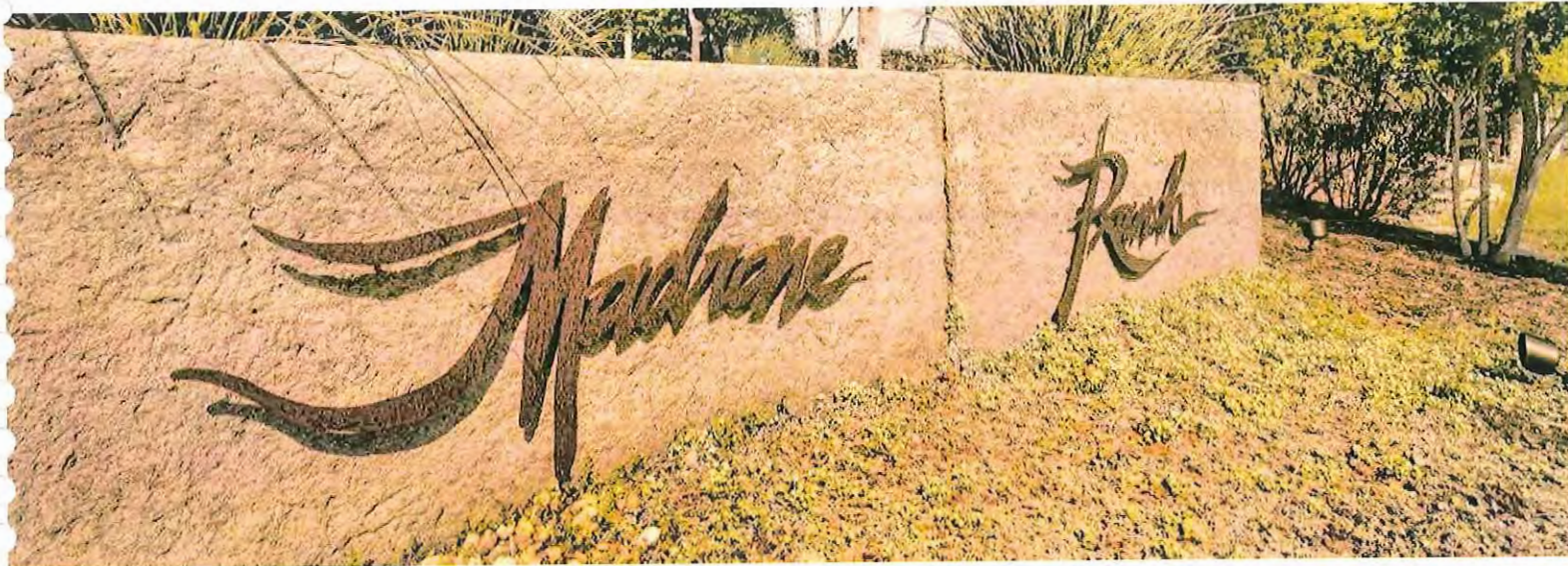


Features

- Burst reports and send separate elements to any output feature
- Quickly notify users via email of success or failure of IGOP jobs
- Option to use third-party solutions

Integrations

- Accounts Payable
- Payroll
- Purchase Orders
- Utility Billing
- Business License
- Accounts Receivable
- Tyler Content Manager
- Laserfiche®



Utility Billing

Work Order System

Maintain a record of labor hours, material costs, and equipment usages, as well as a general ledger of transactions for interdepartmental charges, with Incode Work Orders.

Manage Work Orders

Initiate work orders using custom estimates and templates, tailoring the creation of work orders to your approval workflow process.

Create Work Orders

- Create and approve/reject work requests
- Initiate work order
- Calculate overhead as a flat rate or percentage of costs
- Create charges among departments with effortless interdepartmental setup
- Automatically track usage and create work orders based on hours or mileage

Track Work Orders

- View assigned work orders in a calendar display
- Track equipment used for work orders and display information, maintenance history, and usage

Integrations

- Accounts Payable
- Fixed Assets
- Project Accounting
- Inventory
- General Ledger

Utility Billing

Effortlessly facilitate metered and non-metered billing, maintain contact and property records in one place, and keep track of Utility accounts with Tyler's Utility Billing application.

Manage Billing

Current customers use our system to bill for electricity, gas, and water metered services as well as non-metered services, such as solid waste and miscellaneous services.

Bill and Notice Forms

- Use customized rate tables, including support for tiered billing and demand ratchets
- Generate past-due reminders and cutoff notices
- Use with Microsoft® Office for letter generation and data analysis
- Support bill presentation and third-party bill printing

Custom Billing Options

- Process bad debts, write-offs, and tax liens
- Process full, partial, and pre-payments
- Easily process billing pro-ration, penalties, cutoffs, and payment arrangements
- Support multiple billing cycles each month
- Bill stepped, graduated, and demand metered services intra-cycle

Customer Settings

- Customers can pay utility bills online using major credit cards
- Bill individually or consolidate accounts into a single statement
- Turn on/off individual meter and non-metered services at specific pro-rated intervals

Simplify Meter Tracking

Track meter reading uploads and downloads, transfer dates and times, and route information status with a detailed, user-friendly handheld meter-reading interface.*

- Track meter data at each location with a meter inventory tracking functionality
- Record history of all meters installed at a service address, including installation and removal, serial number, and last reading
- Show separate meter readings and total consumption on one bill when changing meters out

* Requires an annual maintenance fee to support any necessary modifications and maintenance.

Access Information and Reports

View detailed information on customer statistics, service revenue and consumption, taxes, aging analysis, usage analysis, service order statistics, and bad debt.

- Implement rate analysis tools to analyze the effects of changes to rate structure
- Assign flexible security options to allow access to certain individuals
- Capture multiple user-defined data elements using comment codes
- Keep multi-year unlimited transaction and consumption history
- Use multiple search paths to easily locate premise, customer, meter, and device
- Transfer account information and balance to new account when appropriate

Integrations

- Utility Billing Online

Utility Billing Online

Provide detailed information to account holders in a secured section with Secured Access. Once an account holder logs into the secured section they can view financial information, address information, transaction information, and consumption information.

Easily Set Up and Access

Communicate easily and securely with WTCPUA customers, secure transaction histories, and automatically manage system functions with an easy-to-interface program.

Communication Abilities

- Set up automated email responses to requests
- Optionally add an information/account change or disconnect request function
- Optionally add a service request function

Transaction History

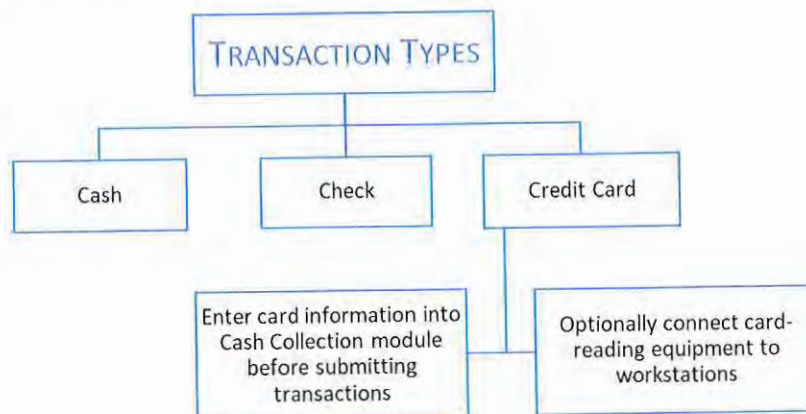
- Generate transaction history
- View last payment date, payment amount, and bill due date
- Review payment arrangements available on file
- Access contracts on file and status
- IT Friendly Set-Up
- Use an interface with a Secure Socket Layer (SSL)
- Send customers to the Utility Billing Online section hosted by Tyler with a simple link

Integrations

- Utility Billing Online

Centralized Cash Collections

Add a fully-equipped cashiering workstation with a receipt printer, automated cash drawer, and optional barcode scanner with Tyler's Incode Central Cash Collections. This seamless and uniform interface works with any type of payment received.



Efficient Transactions

Accommodate efficient transactions using credit card and bar code scanning and validation, a simple point-and-click interface that works with multiple merchant accounts, and automatic posting of transactions from all integrated systems with one click. You can also implement the following to ensure quick and easy transactions:

- Provide online account number validation for integrated sub-systems
- Allow for product and/or transaction-based receipting
- Process payments for multiple accounts across all integrated applications on a single receipt
- Automatically print endorsement of checks
- Default automatically to current balance owed and allows override
- Reinstate cut-off accounts and remove past-due status
- Accommodates multiple merchant accounts for online credit card processing

- Process transactions efficiently with specialized “mail processing” module
- Transmit support requests by email or fax directly from application

Create and View Reports

Easily create or view reports, post payments not associated with accounts directly to the General Ledger, and quickly open and close batches and view batch information for any selected operator, among other functions.

Report Creation

- Facilitate bank account balancing using reconciliation groups
- Produce on-demand management reports
- Save format settings as custom reporting profiles
- Print and void receipts from Operator Process window
- Transmit support requests by email or fax directly from application

Report Lookup and Viewing

- Look up and validate account names and numbers at workstations
- Make real-time inquiries on system, operator, and terminal statuses
- Generate a summary of all receipts processed at any time

Integrations

- Customer Relationship Management
- Utility CIS
- Court Case Management
- General Ledger
- Cash Drawer Hardware

Interactive Voice Response

Keep WTCPUA's utility billing office from being overwhelmed by calls from customers checking the status of their account or making a payment using Interactive Voice Response (IVR). With this system, customers can conduct their business by phone, enhancing customer service and increasing staff efficiency.

Benefits of Utility Billing IVR

- Reduce lobby lines and customer wait times
- Increase access to customer information
- Boost staff efficiency by decreasing customer service calls
- Improve customer response times and increase collections
- Access current account information by integrating with Incode Cashiering or Cash Collections



Mobile Service Orders

Using this mobile application, field technicians can conveniently access service order information and interact with Utility Billing on-the-go using an iPad® or iPad Mini™. Stay efficient and organized by eliminating the need for expensive third-party mobile products.

Work Faster

- Set up and train new users easily
- Reduce travel time for field technicians

- Improve communication between team members
- Initiate, view, assign, modify, complete, and void service orders without being in the office

Features and Functionality

The Mobile Service Orders application is not just for field technicians. Field supervisors, customer service representatives, and billing clerks can all take advantage of its robust functionality.

- View and pinpoint open service orders on the map
- View service orders by the assigned group or individual
- Receive new service orders automatically in the field
- Assign new service orders to a group or person
- Search service orders using the map, service address or service order number
- View relevant contact and service address information
- View service order notes and instructions
- Complete service orders in the field
- Enter meter information, readings and field notes

Integration

- Utility Billing

ITEM B

FOURTH AMENDMENT TO
WHOLESALE WATER SUPPLY AGREEMENT BETWEEN
LOWER COLORADO RIVER AUTHORITY AND
THE CITY OF DRIPPING SPRINGS
(Driftwood Creek Tract Service Property - Commercial Amendment)

This Fourth Amendment to the Wholesale Water Supply Agreement Between Lower Colorado River Authority and The City of Dripping Springs ("Fourth Amendment") is by and among City of Dripping Springs, a Type A General Law City located in Hays County, Texas ("City"), and the West Travis County Public Utility Agency ("WTCPUA") a political subdivision of the state of Texas formed in accordance with Chapter 572 of the Local Government Code.

RECITALS:

- A. The Lower Colorado River Authority ("LCRA") and the City negotiated and executed the Wholesale Water Supply Agreement Between Lower Colorado River Authority and The City of Dripping Springs with an effective date of March 11, 2003, as amended January 21, 2016 ("First Amendment"), May 18, 2017 ("Second Amendment") and as amended by the Third Amendment on February 19, 2019 (the "Agreement").
- B. The WTCPUA assumed the rights and obligations of the LCRA set-forth in the Agreement effective March 19, 2012.
- C. The City recognizes and accepts the WTCPUA as having been assigned the rights and obligations of the LCRA set-forth in the Agreement.
- D. Consistent with the West Travis County Public Utility Agency Regional Water and Wastewater Systems Schedule for Rates, Fees, Charges and Terms and Conditions of Water and Wastewater Services ("WTCPUA Rate Tariff") and service rules and policies, the WTCPUA entered into a renewed commitment letter with Driftwood Investments, Inc. for the reservation of capacity for the Driftwood Creek Tract Service Property – Commercial, identified in the attached **Fourth Amendment Exhibit A** and defined in Section 1.1 of this Fourth Amendment, for 26 Living Unit Equivalents ("LUEs") of water service. Originally, the WTCPUA contemplated providing retail water service directly to the Driftwood Creek Tract Service Property - Commercial, but the Parties are in agreement that the WTCPUA will provide wholesale water service to the City for the Driftwood Creek Tract Service Property - Commercial, and that the City will be the retail potable water utility service provider.
- E. Driftwood Creek Tract Service Property - Commercial is in the City's Potential Service Area (as defined in the Agreement).
- F. The City has been issued water Certificate of Convenience ("CCN") No. 13030 to provide retail potable water utility service in certain areas.
- G. The Parties now wish to enter into this Fourth Amendment to confirm that the City shall be the retail potable water utility service provider to the Driftwood Creek Tract Service

Property - Commercial and the WTCPUA shall provide Wholesale Water Supply to the City for the Driftwood Creek Tract Service Property - Commercial, and to provide other clarifications as set forth herein.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, including the agreements set forth below, the City and WTCPUA agree as follows:

ARTICLE 1 AMENDMENTS

- 1.1 **Section 1.01.** Section 1.01 of the Agreement is hereby amended to add the following definitions:

“Driftwood Creek Tract Service Property - Commercial” or the “Property” means the two tracts of land in Hays County more specifically described at the **Fourth Amendment Exhibit B**, attached hereto.

“Parties” means the City and the WTCPUA.

“Max Day Reservation – Driftwood Creek Tract Service Property-Commercial” means the maximum amount of water to be delivered to the City for the Driftwood Creek Tract Service Property-Commercial on a daily basis based on the flow rates and capacity commitments established in this Fourth Amendment. The City’s Max Day Reservation for the Driftwood Creek Tract Service Property-Commercial is 900 gallons per day per LUE.

- 1.2 **Addition of Article X.** The Agreement is hereby amended to add the following Article X:

ARTICLE X SPECIAL PROVISIONS APPLYING TO DRIFTWOOD CREEK TRACT SERVICE PROPERTY- COMMERCIAL

Section 10.01. Driftwood Creek Tract Service Property - Commercial. This Article X affects and applies only to the Driftwood Creek Tract Service Property - Commercial and it is not intended to nor should be it construed to affect any other portion of the City’s Potential Service Area or the WTCPUA Service Area.

Section 10.02. CCN Authorization for Driftwood Creek Tract Service Property - Commercial.

Section 5.03 is modified to add the following:

The City may provide retail potable water utility service to the Driftwood Creek Tract Service Property – Commercial pursuant to the Fourth Amendment even though the Property is outside the current CCN of the City. The City may pursue an amendment to its CCN to serve the Driftwood Creek Tract Service Property – Commercial after the information to apply for the amendment is available. The WTCPUA will support the application of the City to amend its CCN to provide retail potable water utility service to the Driftwood Creek Tract Service Property-Commercial.

Section 10.03. Supply of Water to Driftwood Creek Tract Service Property-Commercial.

The Parties agree that pursuant to Section 3.01 of the Agreement, except as provided in Section 10.02 of this Article, the WTCPUA shall provide Wholesale Water Supply to the City for the Driftwood Creek Tract Service Property-Commercial in the amount not to exceed 26 LUEs as measured at the Delivery Point. The Parties agree that pursuant to Section 3.01 of the Agreement, the City shall provide retail potable water utility service for the Driftwood Creek Tract Service Property-Commercial in the amount of 26 LUEs.

For purposes of this Agreement, the average daily water use within the Property, as measured at the Delivery Point, shall not exceed 450 gallons per day per LUE or a total of 11,700 gallons per day (i.e., 4,270,500 gallons per year) for 26 LUEs, computed as a daily average over a calendar year. In the event the total annual quantity of water as measured at the Point of Delivery exceeds 4,270,500 gallons, the WTCPUA may assess and the City agrees to pay a water surcharge for water used that is in excess of 4,270,500 gallons.

In addition, the maximum or peak day water use for the Property, as measured at the Delivery Point, shall not exceed 900 gallons per day per LUE, or 23,400 gallons per day. In the event the City's maximum or peak day water use on any given day exceeds 23,400 gallons over any 24-hour day, the WTCPUA may:

1. Install, at the City's sole cost, a water rate flow controller to restrict or limit the maximum flow to the Property to a maximum of 16.25 gpm on an instantaneous basis; and/or
2. Assess a surcharge for any quantity used in excess for 23,400 gallons per day.

Finally, the City understands and agrees the WTCPUA does not and is not required to provide fire flows to the Property. As such, the City is solely responsible for the installation and maintenance any water improvements necessary to provide fire flows to the Property. Such improvements, if installed, shall be located on the City's side of the Delivery Point.

Section 10.04 The City agrees to ensure that all water infrastructure to provide service pursuant to this Fourth Amendment will be designed, constructed and inspected according to WTCPUA Standard Specifications and Rules and Policies, including water quality requirements outlined in the "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). The City also agrees that such facilities will be

properly conveyed to the City and contained in public rights of way, easements in final plats, or separate easements granted to the City to facilitate maintenance, repair, and improvement of the facilities. The City shall be responsible for maintenance and repairs of all the facilities constructed in the Driftwood Creek Tract Service Property-Commercial.

The City shall be responsible for design and construction of the Delivery Point facilities, including Master Meter and appurtenances. The Master Meter shall meet WTCPUA specifications and be set after WTCPUA approval. The WTCPUA shall own and maintain the facilities, including calibration of the Master Meter. The City agrees that the Delivery Point facilities will be properly conveyed to the WTCPUA and contained in public rights of way, easements in final plats, or separate easements granted to the WTCPUA to facilitate maintenance, repair, and improvement of the facilities. The WTCPUA shall read the Master Meter monthly and bill the City pursuant to the Rates and Charges outlined in Section 10.05 below.

Section 10.05. Rates and Charges.

(a) The Base Fee to be paid by the City to the PUA for the Driftwood Creek Tract Service Property-Commercial shall be determined by the following formula:

{Annual Allocated Debt Service Payment + (25% times coverage * Annual Allocated Debt Service Payment) – (Effective Impact Fee Credit * Annual Debt Service Payment) / 12 months}.

(b) The Driftwood Creek Tract Service Property – Commercial Volume Charge shall recover the PUA’s expenses associated with operating and maintaining the Regional Facilities, including a systems raw water loss fee per thousand gallons to be calculated as follows:

[LCRA Raw Water cost per Thousand Gallons/(1-.10 water loss)]/10

Upon the effective date of this Fourth Amendment, the initial Base Fee for the Driftwood Creek Tract Service Property-Commercial will be \$ 505.85 per year, or \$ 42.15 per month. The Base Fee shall be assessed by the PUA on a monthly basis. Upon the effective date of this Fourth Amendment, the initial monthly Volume Charge will be \$1.83 per thousand gallons used.

The PUA shall utilize the base-extra capacity methodology performed by a qualified professional to determine the appropriate Base Fee and Volume Charge for each wholesale customer, including the Driftwood Creek Tract Service Property-Commercial, and may be adjusted from time to time by the PUA’s Board of Directors.

The absorption (i.e., build-out) schedule used as part of the Base Fee calculation for the Driftwood Creek Tract Service Property – Commercial is ten (10) years. The City shall pay the Driftwood Creek Tract Service Property - Commercial Base Fee regardless of whether the Driftwood Creek Tract Service Property-Commercial meets the absorption schedule used to develop the annual debt payment schedule.

The Effective Impact Fee Credit shall be determined based upon the following formula:

Project Costs Recovered by Impact Fees / Total Project Costs

Project Costs Recovered by Impact Fees shall be determined by the following formula:

Project costs eligible for impact fee recovery as determined by the PUA's most recent impact fee study * the percent level of impact fees adopted by the PUA Board of Directors.

The Annual Allocated Debt Service Payment for the Driftwood Creek Tract Service Property-Commercial, from time to time due and payable, shall be based on the City's allocated pro-rata share of the PUA's capital costs for the Regional Facilities (including interest expense) as determined based on input from the City prior to the issuance of bonds to fund the Regional Facilities so long as the total capital cost allocated to the City is recovered within the life of the bonds, including interest expense. The City's pro-rata share of the WTCPUA's capital costs for the Driftwood Creek Tract Service Property-Commercial is calculated based on its Max Day Reservation, multiplied by the WTCPUA's Cost per Gallon of the Regional Facilities. **Exhibit C-4** attached hereto and incorporated herein for all purposes, sets forth the current schedule of the Annual Allocated Debt Service Payment. **Exhibit C-4** may be amended from time to time by the WTCPUA to reflect future LCRA installment payments as well as future debt issuances associated with future Regional Facility projects.

The WTCPUA's Cost per Gallon of the Regional Facilities, further classified as "System-Wide" Facilities shall be calculated by dividing the total cost of the System Wide Regional Facilities by 27,000,000 gallons. The WTCPUA's Cost per Gallon of the Regional Facilities, further classified as "Hwy 71" shall be calculated by dividing the total cost of the Hwy 71 Regional Facilities by 14,829,230 gallons. The WTCPUA's Cost per Gallon of the Regional Facilities, further classified as "US 290" shall be calculated by dividing the total cost of the US 290 Regional Facilities by 12,170,770.

The WTCPUA shall not allocate costs for future Regional Facilities to the City beyond 27 million gallons per day (MGD) of water treatment plant capacity if the City establishes to the WTCPUA's satisfaction that it has reached eighty percent (80%) of its projected absorption schedule of the Driftwood Creek Tract Service Property-Commercial six months prior to the WTCPUA's issuance of bonds for such expansion.

(b) Within ten business days of a written request from the WTCPUA, the City shall provide the WTCPUA with copies of the City's monthly operating reports indicating the City's peak day consumption, including a break-out of the Driftwood Creek Tract Service Property-Commercial. At any time, the WTCPUA may also install, at its sole discretion, a max-day meter and/or a flow regulator on the City System, including the Driftwood Creek Tract Service Property-Commercial, to assess or control actual maximum daily demands by the City.

If the WTCPUA determines that the City is exceeding the Max Day Reservation for the City or Driftwood Creek Tract Service Property-Commercial, the City will be subject to a surcharge as determined by the WTCPUA Rate Tariff and all service rules and policies.

**ARTICLE 2
RATIFICATION**

- 2.1 By entering into this Fourth Amendment, the Parties hereby ratify the Agreement, and affirm and agree that it is in full force and effect, as amended.

**ARTICLE 3
MISCELLANEOUS**

- 3.1 Incorporation; Definitions. The background as set forth in the recitals is true and correct, forms a material part of this Fourth Amendment and is hereby incorporated into this Agreement. Words with initial capital letters that are used but not defined in this Fourth Amendment shall have the meanings given to them in the Agreement.
- 3.2 Effective Date of Fourth Amendment. The Effective Date of this Fourth Amendment is the latest occurring signature of the City or the WTCPUA.
- 3.3 Counterparts. This Fourth Amendment may be executed in multiple counterparts, each to be considered an original, to be effective upon execution by all Parties.

IN WITNESS THEREOF, the Parties hereto, acting under the requisite authority, have caused this Fourth Amendment to be duly executed to be effective as of the Effective Date as provided above.

[Signature Page Follows]

ATTEST:

Kerri Craig
City Secretary

APPROVED AS TO FORM AND
LEGALITY:

City Attorney

CITY OF DRIPPING SPRINGS, TEXAS

By: _____

(print name)

Title: _____

Date: _____

WTCPUA:

**WEST TRAVIS COUNTY PUBLIC UTILITY
AGENCY**

By: _____
Scott Roberts
President
Board of Directors

Date: _____

ATTEST:

Ray Whisenant
Secretary
Board of Directors

FOURTH AMENDMENT EXHIBIT A

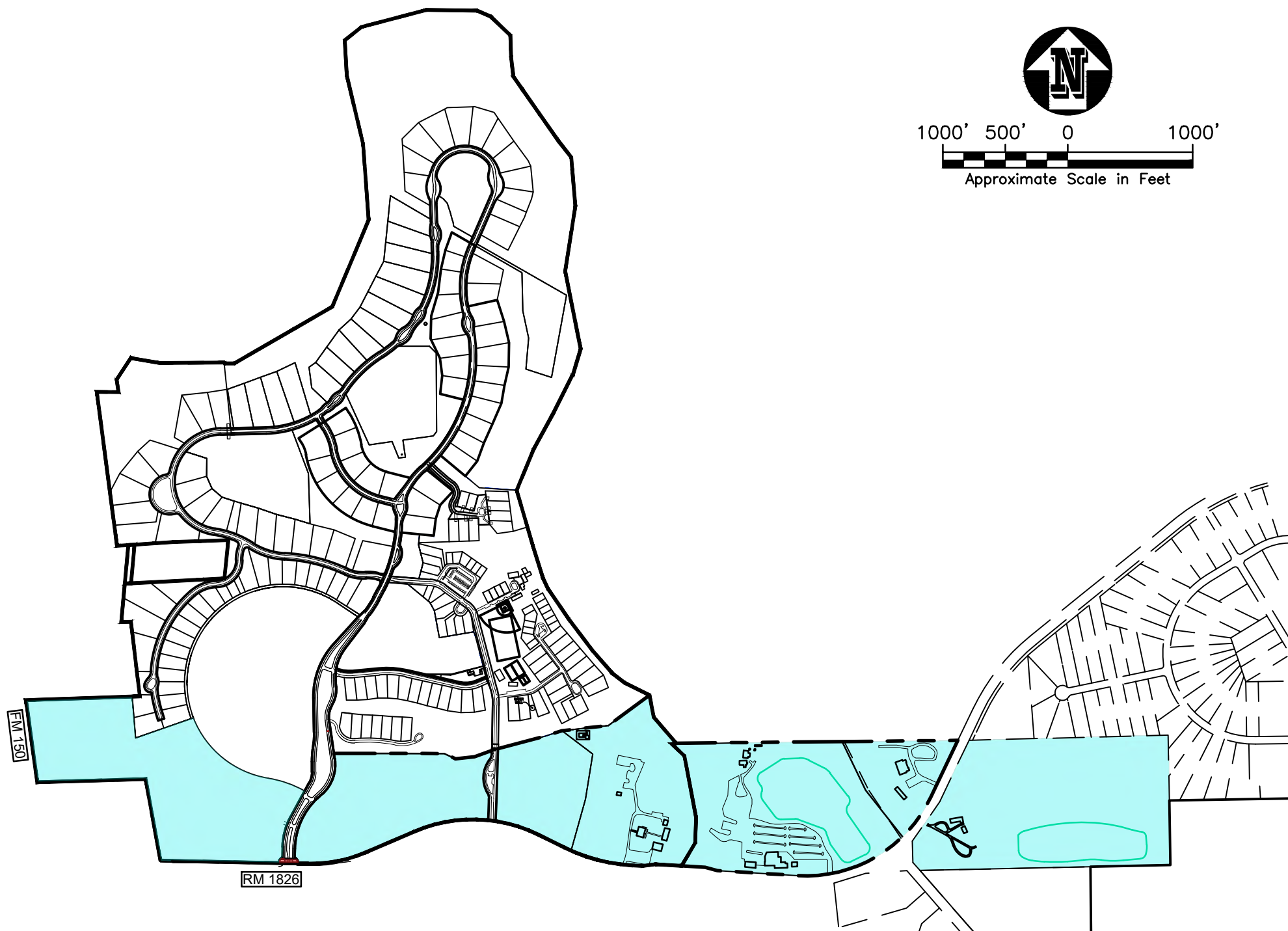
FOURTH AMENDMENT EXHIBIT B



1000' 500' 0 1000'



Approximate Scale in Feet



FOURTH AMENDMENT EXHIBIT C

West Travis County Public Utility Agency
Wholesale Rate Study
February 12, 2019
Individual Capital Amortization Schedule

City of Dripping Springs (Creek Tract, Commercial Area, Driftwood Investments, Inc)

Series 2013-2019 Debt Payment Schedule

Effective Interest Rate		3.78%
Capital Cost Allocation	\$	84,851
Plus Reserves		4,774
Plus Issuance Costs (2%)		1,792
Capital Cost Allocation	\$	91,417
Build-out LUEs	-	
Current LUEs (January 2019)	-	
Annual Payment per LUE	\$	238
Effective Impact Fee Credit		19%

	Projected LUEs	Beginning Balance	Interest Expense	Subtotal	Total Annual Debt Payment	Ending Balance	Annual Minimum Bill Paid to PUA*	Monthly Minimum per LUE
2014	-	\$ 91,417	\$ 3,451	\$ 94,868	\$ 8,721	\$ 86,148		
2015	-	\$ 86,148	\$ 3,252	\$ 89,400	\$ 8,721	\$ 80,679		
2016	-	\$ 80,679	\$ 3,046	\$ 83,725	\$ 5,995	\$ 77,730		
2017	-	\$ 77,730	\$ 2,935	\$ 80,664	\$ 5,995	\$ 74,669		
2018	-	\$ 74,669	\$ 2,819	\$ 77,488	\$ 5,995	\$ 71,493		
2019	-	\$ 71,493	\$ 2,699	\$ 74,192	\$ 5,995	\$ 68,196		
2020	2	\$ 68,196	\$ 2,575	\$ 70,771	\$ 476	\$ 70,295	\$ 505.85	\$ 21.08
2021	4	\$ 70,295	\$ 2,654	\$ 72,949	\$ 951	\$ 71,998	\$ 1,011.70	\$ 21.08
2022	6	\$ 71,998	\$ 2,718	\$ 74,716	\$ 1,427	\$ 73,289	\$ 1,517.55	\$ 21.08
2023	8	\$ 73,289	\$ 2,767	\$ 76,056	\$ 1,903	\$ 74,153	\$ 2,023.39	\$ 21.08
2024	11	\$ 74,153	\$ 2,800	\$ 76,952	\$ 2,616	\$ 74,336	\$ 2,782.17	\$ 21.08
2025	14	\$ 74,336	\$ 2,806	\$ 77,142	\$ 3,330	\$ 73,812	\$ 3,540.94	\$ 21.08
2026	17	\$ 73,812	\$ 2,787	\$ 76,599	\$ 4,044	\$ 72,556	\$ 4,299.71	\$ 21.08
2027	20	\$ 72,556	\$ 2,739	\$ 75,295	\$ 4,757	\$ 70,538	\$ 5,058.48	\$ 21.08
2028	23	\$ 70,538	\$ 2,663	\$ 73,201	\$ 5,471	\$ 67,730	\$ 5,817.26	\$ 21.08
2029	23	\$ 67,730	\$ 2,557	\$ 70,287	\$ 5,471	\$ 64,816	\$ 5,817.26	\$ 21.08
2030	23	\$ 64,816	\$ 2,447	\$ 67,263	\$ 5,471	\$ 61,793	\$ 5,817.26	\$ 21.08
2031	23	\$ 61,793	\$ 2,333	\$ 64,125	\$ 5,471	\$ 58,655	\$ 5,817.26	\$ 21.08
2032	23	\$ 58,655	\$ 2,214	\$ 60,869	\$ 5,471	\$ 55,398	\$ 5,817.26	\$ 21.08
2033	23	\$ 55,398	\$ 2,091	\$ 57,490	\$ 5,471	\$ 52,019	\$ 5,817.26	\$ 21.08
2034	23	\$ 52,019	\$ 1,964	\$ 53,983	\$ 5,471	\$ 48,512	\$ 5,817.26	\$ 21.08
2035	23	\$ 48,512	\$ 1,832	\$ 50,344	\$ 5,471	\$ 44,873	\$ 5,817.26	\$ 21.08
2036	23	\$ 44,873	\$ 1,694	\$ 46,567	\$ 5,471	\$ 41,096	\$ 5,817.26	\$ 21.08
2037	23	\$ 41,096	\$ 1,552	\$ 42,648	\$ 5,471	\$ 37,177	\$ 5,817.26	\$ 21.08
2038	23	\$ 37,177	\$ 1,404	\$ 38,581	\$ 5,471	\$ 33,110	\$ 5,817.26	\$ 21.08
2039	23	\$ 33,110	\$ 1,250	\$ 34,360	\$ 5,471	\$ 28,889	\$ 5,817.26	\$ 21.08
2040	23	\$ 28,889	\$ 1,091	\$ 29,980	\$ 5,471	\$ 24,509	\$ 5,817.26	\$ 21.08
2041	23	\$ 24,509	\$ 925	\$ 25,435	\$ 5,471	\$ 19,964	\$ 5,817.26	\$ 21.08
2042	23	\$ 19,964	\$ 754	\$ 20,718	\$ 5,471	\$ 15,247	\$ 5,817.26	\$ 21.08
2043	23	\$ 15,247	\$ 576	\$ 15,822	\$ 5,471	\$ 10,352	\$ 5,817.26	\$ 21.08
2044	23	\$ 10,352	\$ 391	\$ 10,742	\$ 5,471	\$ 5,272	\$ 5,817.26	\$ 21.08
2045	23	\$ 5,272	\$ 199	\$ 5,471	\$ 5,471	\$ (0)	\$ 5,817.26	\$ 21.08

*Annual minimum bill paid to PUA includes impact fee credit, plus times coverage requirements.

ITEM D



Murfee Engineering Company

May 3rd, 2019

Mr. M. 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: Wastewater Solids Management Master Plan

President Roberts and Board:

Per your direction at the February regular meeting of the Board, attached for your consideration is a proposal from Murfee Engineering Company to provide engineering services associated with the above-referenced project. Sludge hauling and disposal is a significant portion of the WTCPUA operating budget. Wastewater sludge disposal alone is budgeted at \$759,700 for FYE19, or nearly half (48%) of the total wastewater department annual expenses. In addition to being a significant economic burden, sludge hauling is the process with the highest profile with regard to effect on the Lake Pointe neighborhood that surrounds the Lake Pointe WWTP through the truck traffic it creates. Additionally, though WTCPUA operations staff does manage the sludge effectively, the current process for sludge handling carries risks of odor excursions. Acknowledgement of the costs and high profile of sludge handling is not new—the WTCPUA has explored some sludge treatment and handling options, both informally and via formal study, albeit in somewhat disjointed parts. Our recommendation, and the purpose of the attached proposal, is to bring a comprehensive master plan to the solids management problem in order to examine the options, analyze and recommend a phased course of action, and forecast expenditures and schedules for the various components of the execution. The intent is to bring planning-level perspective of the system as a whole to the table to inform recommendations that include consideration of economic, operations, CIP integration, and public relations factors.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Dennis Lozano', is written over a blue circular stamp.

Dennis Lozano
Vice President

CC: Jennifer Riechers – General Manager
Jennifer Smith – Controller

An Agreement for the Provision of Limited Professional Services

Consultant:

Murfee Engineering Co., Inc.
1101 S. Capital of Texas Hwy., Bldg. D
Austin, TX 78746
512-327-9204
dlozano@murfee.com

Client:

West Travis County Public Utility Agency
13215 Bee Cave Parkway
Building B, Suite 110
Bee Cave, TX 78738
jriechers@wtcpua.org

Date: May 3rd, 2019

MEC Project No.: 11051.

WTCPUA Work Order No.: _____

Project Name/Location: Wastewater Solids Management Master Plan

Scope/Intent and Extent of Services: Engineering Services shall be inclusive as necessary to assist the Client with development of a wastewater solids management master plan (the Project). Services shall include analysis of the solids generation at both wastewater treatment plants to quantify the existing and projected inputs to the solids management system, development of a conceptual master plan and preliminary engineering of the various elements including alternatives analysis. Comparison of alternatives for each element based on a matrix developed in coordination with WTCPUA operations and management staff. The elements of the master plan will be: thickening, solids transportation, dewatering, and product handling. The preliminary approach is to:

1. Pilot in-basin thickening technology at the Lake Pointe WWTP to evaluate performance as well as realize the short-term economic and public impact benefits of reduced traffic of haul trucks.

MEC will provide a detailed memo report discussing the purpose of the pilot project, a review of manufacturers and systems considered, a breakdown of costs for the study, and a final recommendation to the WTCPUA. The memo will include development of a sampling protocol, a scope of what is provided by the manufacturer, and identification of any items that will need to be provided by the WTCPUA as part of the pilot study. Once directed to move forward by the WTCPUA, MEC will facilitate the pilot study and coordinate between the selected thickening unit manufacturer and WTCPUA staff. MEC will include in the solids management master plan engineering report documentation of the installation and operation of the thickening unit throughout the pilot study together with an analysis of the results. The report will also discuss operational considerations, potential hauling reductions, and cost-savings as a result of the return-on-investment analysis.

2. Perform a preliminary engineering analysis on a pumping system (pump station and force main) which would transport solids, either thickened or raw, from Lake Pointe WWTP to Bohls WWTP for haul and/or processing.

MEC will evaluate and discuss alternative alignments for a proposed solids transport force main and evaluate the associated pumping design points. A focused ROI will examine transportation costs against the capital and O&M costs of the proposed pumping system for evaluation against soft factors including reduced odor generation potential and truck traffic to the Lake Pointe WWTP. Perform preliminary engineering

analysis on dewatering technology for the Bohls WWTP to evaluate system capacity vis a vis existing and projected future needs.

3. Perform a phasing analysis for the elements of the master plan to determine a prudent execution schedule.
4. Prepare cost estimates for the recommended elements of the plan.

Fee Arrangement: Engineering service fees are proposed on a time and materials (T&M) basis, per the attached Hourly Rate Schedule, with estimated amounts as follows:

Pilot Study	\$ 26,680
Solids Pumping Preliminary Engineering	\$ 38,215
Phasing Analysis & Plan	\$ 16,625
Financial Analysis	\$ 12,800
Report Generation	\$ 34,915
Outside Services	\$ 11,500
	<u>\$140,735</u>


Estimated fee will not be exceeded without prior approval of Client. If Client stops project for any reason, Client will be billed to the date project was stopped on a T&M basis. All reimbursable expenses and outside services will be invoiced per the attached Hourly Rate Schedule.

Terms and Conditions: The approved Terms and Conditional form 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 attached Hourly 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:
WTC PUBLIC UTILITY AGENCY

By:  5.3.19
Dennis Lozano, P.E.,
Vice-President Date

By: _____
Signature Date

Printed Name/Title

MANPOWER & BUDGET ESTIMATE

Client:		WTCPUA													
Project:		Engineering Services for the Wastewater Solids Management Master Plan													
	Employee Classification	Principal	Managing Engineer	Project Manager	Senior Project Engineer	Project Engineer	Project Administration Manager	Engineering Technician II	Engineering Technician I	Senior CAD Design Technician	CAD Design Technician	Draftsperson	Technical Administrative Assistant		
Task	Hourly Rate	\$300	\$250	\$175	\$160	\$145	\$160	\$115	\$95	\$165	\$110	\$95	\$85	Total Hours	Labor Cost
1. Pilot Study		2	32		56				84	0		12		186	\$ 26,680.00
2. Solids Pumping System PER		2	10	25	35	55	4	15	60	25	25	10	15	281	\$ 38,215.00
3. Phasing Analysis & Plan		2	8	10	5	25		10	35	15		5	5	120	\$ 16,625.00
4. Financial Analysis		2	8	10	10	15		20	25					90	\$ 12,800.00
5. Report		2	16	16	35	42		20	60	25	25	10		251	\$ 34,915.00
														928	\$ 129,235.00
Outside Services															
Constructability Review & Analysis															\$ 11,500.00
															\$ -
															\$ -
															\$ -
Hours		10	74	61	141	137	4	65	264	65	50	37	20		
Labor Cost		\$3,000	\$18,500	\$10,675	\$22,560	\$19,865	\$640	\$7,475	\$25,080	\$10,725	\$5,500	\$3,515	\$1,700	TOTAL	\$ 140,735.00

Notes: Does not include pilot or sampling fees



Murfee Engineering Company

May 3rd, 2019

Mr. M. 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: US290 System CIP – Sawyer Ranch 1340 Conversion

President Roberts and Board:

The overall pressure plane optimization and conversion for the US290 System is a group of CIP projects that provide for additional capacity (growth) through a number of strategies, which include construction of new CIP projects, repurposing of existing infrastructure, and optimization of service areas by pressure plane. The projects include:

- 1340 Elevated Storage Tank
- 1340 Transmission Main
- 1340 Pump Station
- 1240 Transmission Main
- 1240 Conversion at the County Line Pump Station

Additional benefits of these CIP projects include: reduced customer service problems associated with high service pressures, reduced operation and maintenance costs associated with the reliance on many pressure reducing valves, increased reliability of service through provision of elevated storage as opposed to the use of standpipes, and energy efficiency captured by matching natural topography with pressure plane hydraulic grade line (HGL) more strategically. The proposed pressure plane map (attached for your reference), first developed in 2012, established a picture of the destination that the last few years of project phase implementation have moved the WTCPUA closer to with each milestone.

One question left open in years past and which needed input from WTCPUA operations personnel, was which strategy to use for service to the Vistas at Sawyer Ranch subdivision located on the west side of Sawyer Ranch Road just south of the commercial tracts that front on US290 (located in Planning Unit 393 on the attached map). The area is shown on the map to be in the 1340 Pressure Plane owing to the configuration of existing infrastructure; however, service to the subdivision using 1340 HGL pressure would result in a significant impact to existing customer service pressure experience as well as provide only marginal pressure. As a result, it was determined years ago that use of a higher pressure plane for service to the subdivision was required. An existing but long decommissioned hydropneumatic pump station, owned by the WTCPUA and located on the northern end of the subdivision, was one alternative evaluated for elevating the service pressure within the boundaries of the subdivision. The other alternative is to provide direct pressure service from the 1420 Pressure Plane via extension of new main

from the existing 1420 Transmission Main adjacent to US290 to the distribution main that provides service to the subdivision. In coordination with WTCPUA staff, it has been determined that the most reliable and cost efficient long-term strategy for provision of service to this subdivision is via direct pressure from the 1420 pressure plane. Direct pressure from elevated storage also has the benefit of greater reliability and protection against contingencies affecting service. The project qualifies for funding with impact fees because it is a part of the 1340 Conversion project and funds have been allocated in the CIP budget for it.

Attached for your consideration is a proposal from MEC to provide the engineering service associated with the proposed waterline extension including design, permitting, and construction administration.

Should you have any questions or need any additional information, please contact me at your convenience.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Dennis Lozano', with a large, stylized loop at the end.

Dennis Lozano
Vice President

CC: Jennifer Riechers – General Manager
Jennifer Smith – Controller

An Agreement for the Provision of Limited Professional Services

Consultant:

Murfee Engineering Co., Inc.
1101 S. Capital of Texas Hwy., Bldg. D
Austin, TX 78746
512-327-9204
dlozano@murfee.com

Client:

West Travis County Public Utility Agency
13215 Bee Cave Parkway
Building B, Suite 110
Bee Cave, TX 78738
jriechers@wtcpua.org

Date: May 3rd, 2019

MEC Project No.: 11051.134

WTCPUA Work Order No.: _____

Project Name/Location: Sawyer Ranch 1340 Conversion Water Line

Scope/Intent and Extent of Services: Murfee Engineering Company (MEC) proposes to assist the Client with engineering services necessary for the design and construction of the referenced Project, as part of the overall pressure plane optimization and conversion for the US290 System. The Project, which is required in order for the Client to provide a higher efficiency of water service, includes operational modifications and approximately 3,800 of new 8" water line to replace an existing, aging line. The new water line, and operational modifications, will allow for a pressure plane conversion of the Sawyer Ranch development. Also included with the Project is the removal/decommissioning of the existing Sawyer Ranch Pump Station.

Design Phase Services include planning/coordinating with the Client, exhaustive research of existing utilities in the Project vicinity, preparing design plans and technical specifications, and securing approvals and development permits from the State and local agencies having jurisdiction.

Construction Phase Services include contract preparation and administration, advertising and bidding, review of shop drawings and RFIs, requisite preconstruction and jobsite meetings, coordination with testing labs and third-party inspectors, and general construction observation through final completion and acceptance.

Services by subconsultants are considered 'outside' services, and will be paid by MEC on behalf of Client. A land surveying subconsultant will be required on the Project for the production of a design survey. The cost for the design survey is estimated below and will be invoiced as an outside service per the approved Hourly Rate Schedule.

Reimbursable expenses which may be incurred include plan review submittal fees and permit processing, project advertising, plan reproduction and deliveries, and travel/mileage. All such reimbursable expenses are not included in the Design/Construction Phase Services fee estimate, and, if necessary, will be invoiced per the approved Hourly Rate Schedule.

Fee Arrangement: Engineering service fees are proposed on a time and materials (T&M) basis, per the attached Hourly Rate Schedule, with estimated amounts as follows:

Design Phase Services.....	\$80,000
Design Survey (cost + 15%).....	\$12,000
Construction Phase Services.....	6% of CC

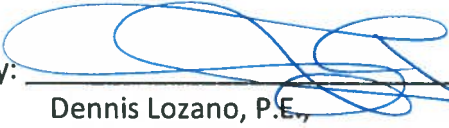
Estimated fee will not be exceeded without prior approval of Client. If Client stops project for any reason, Client will be billed to the date project was stopped on a T&M basis. All reimbursable expenses and outside services will be invoiced per the attached Hourly Rate Schedule.

Terms and Conditions: The approved Terms and Conditional form 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 attached Hourly 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:
WTC PUBLIC UTILITY AGENCY

By:  5.3.19
Dennis Lozano, P.E., Date
Vice-President

By: _____
Signature Date

Printed Name/Title

MANPOWER & BUDGET ESTIMATE

Client:		WTCPUA										
Project:		Engineering Services for the Sawyer Ranch 1340 Conversion										
Task	Employee Classification	Managing Engineer	Project Manager	Project Engineer	Engineering Technician II	Engineering Technician I	Senior CAD Design Technician	CAD Design Technician	Draftsperson	Technical Administrative Assistant	Total Hours	Labor Cost
	Hourly Rate	\$250	\$175	\$145	\$115	\$95	\$165	\$110	\$95	\$85		
Design Phase		12	55	90	120	120	105	65	40	10	617	\$ 80,000.00
											0	\$ -
											0	\$ -
											0	\$ -
											0	\$ -
											617	\$ 80,000.00
Outside Services												
Survey												\$ 12,000.00
												\$ -
												\$ -
												\$ -
Hours		12	55	90	120	120	105	65	40	10		
Labor Cost		\$3,000	\$9,625	\$13,050	\$13,800	\$11,400	\$17,325	\$7,150	\$3,800	\$850	TOTAL	\$ 92,000.00

Notes: Does not include pilot or sampling fees

ITEM E



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

May 16, 2019

Mr. Robert Callegari, P.E.
Travis County WCID No. 18
c/o CMA Engineering
235 Ledgestone Dr.
Austin, Texas 78737

Re: Emergency Interconnection for Water Supply
Travis County WCID No. 18

Dear Mr. Callegari:

In response to your March 12, 2019 correspondence regarding the possibility of an emergency interconnection, our Board of Directors at its April 18, 2019 meeting has approved a feasibility study for an emergency interconnect agreement between Travis County WCID No. 18 (WCID No. 18) and the WTCPUA. WCID No. 18 will be required to pay for all legal and engineering review fees associated with this study, and any agreement that is reached will be for emergency water supply only. WCID No. 18 will also be required to pay for any future design, construction, inspection, engineering and legal fees and all other fees per WTCPUA Tariff and Policies as applicable.

To initiate the feasibility study, we will need WCID No. 18 to pay a deposit of \$10,000 to cover legal fees and \$9,090 for an engineering study per the attached proposal from Murfee Engineering Company, Inc. (MEC). Any legal fees not used will be refunded to WCID No. 18 and legal fees in excess of the deposit will be billed to WCID No. 18. Any additional engineering fees required for the study will be submitted to WCID No. 18 for review and approval before commencement.

Please have an authorized representative sign and date the letter below accepting these terms and conditions and return to us with the required fees at your earliest convenience.

Name

Title

Date

Mr. Robert Callegari

Page 2

May 16, 2019

Please contact me if you have any questions.

Sincerely,

Jennifer Riechers

Interim General Manager

Cc: Stefanie Albright, Lloyd Gosselink
Dennis Lozano, MEC
Jennifer Smith
Keli Kirkley
Jennifer Riechers
Judith Coker

An Agreement for the Provision of Limited Professional Services

Murfee Engineering Co., Inc.
1101 Capital of Texas Hwy. South, Bldg. D
Austin, Texas 78746
(512) 327-9204
dlozano@murfee.com

Client: WTC Public Utility Agency
12117 Bee Cave Road
Building 3, Suite 120
Bee Cave, Texas 78738

Date: May 10th, 2019 Project No.: _____ WTCPUA Work Order No. _____

Project Name: WTCPUA System Modeling & Analysis in support of the WCID No. 18 Emergency Interconnect SER
Scope/Intent and Extent of Services:

Task 1: Provide engineering support for evaluation of the above-referenced SER for effects on the WTCPUA system. Create a new modeling scenario to represent the requested demand at the proposed delivery point within the context of existing and proposed demands and the WTCPUA Capital Improvements Program (CIP). The scenario will provide the baseline for evaluation of the effects of the demands on the System and development of a preliminary/conceptual facilities plan to meet the demands and mitigate any residual effects in the SH71 System, including WTCPUA wholesale customers. Results will show tank levels, pressure residuals, and water line velocities during peak day, extended period simulations, as necessary to support the recommendations or conclusions in the memorandum. The model results will be presented to the PUA staff for consideration.

Task 2: Prepare a model report memorandum, with GIS mapping exhibits, cost allocation estimates, and model results, for presentation to the PUA Board of directors. This includes multiple planning meetings and discussions.

Fee Arrangement: Time and materials in accordance with the approved rate sheet with an estimated fee as follows and detailed on the attached man-hour allocation:

Task 1	\$ 4,025
Task 2	\$ 5,065
Total	\$ 9,090

The estimated fees do not include review fees or direct reimbursable expenses. Additional Services fees must have WTCPUA approval prior to expenditure. The Contract amount for this project shall not exceed the total amount of \$9,090 as listed above without Board approval by the WTCPUA.

Terms and Conditions: The approved Terms and Conditions are a part of this agreement.

Offered By:
Murfee Engineering Co.

By:  5.10.19
Dennis Lozano, P.E.
Vice President Date

Accepted By:
WTC Public Utility Agency

Signature Date

(Printed Name/Title)

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

MANPOWER & BUDGET ESTIMATE

Client:		WTCPUA							
Project:		Engineering Services in Support of WCID No. 18 Emergency Interconnect SER							
Task	Employee Classification	Managing Engineer	Project Manager	Project Engineer	Engineering Technician I	Senior CAD Design Technician	Draftsperson	Total Hours	Labor Cost
	Hourly Rate	\$250	\$175	\$145	\$95	\$165	\$95		
1. SER Evaluation & Modelling		3	5	10	10			28	\$ 4,025.00
2. Memorandum Report & Exhibits		3	5	10	10	4	4	36	\$ 5,065.00
								0	\$ -
								0	\$ -
								0	\$ -
								64	\$ 9,090.00
Outside Services									
									\$ -
									\$ -
									\$ -
									\$ -
Hours		6	10	20	20	4	4		
Labor Cost		\$1,500	\$1,750	\$2,900	\$1,900	\$660	\$380	TOTAL	\$ 9,090.00

Notes:

VII. STAFF REPORTS

ITEM A



General Manager's Report

May 16, 2019

Personnel Update

- Judith Coker resigned from her position as Senior Engineer on April 22, 2019.
- Trey Cantu resigned from his position as Operations Manager on May 2, 2019.
- Due to staffing vacancies, we are not pursuing the Summer Internship position.
- Joey Sifuentes returned as Line Maintenance Supervisor on May 7, 2019.
- Existing staff is working through these transitions and picking up extra responsibilities to manage the vacancies. A job announcement has been posted for the Engineering position but there has not been favorable responses to date.
- Staff luncheon held on May 1, 2019.

Significant Meeting Updates

- Met with City of Dripping Springs representatives regarding Driftwood Amendments.
- Met with Headwaters MUD representatives regarding additional capacity request.
- Attended monthly progress meeting with RTS Solutions regarding Meter Replacement Project. All meters (2844) replaced. Will coordinate final contract closing process.
- Attended Operational Staff meetings and have had continuous dialogue with Operations Supervisors.
- Attended Bill.com training with Operations Supervisors. Discussed budget, expenses and approval requirements.
- Attended meeting with Directors Walden and Goodwin with individual Operations Supervisors.
- Met with Stefanie Albright and Dennis Lozano regarding engineering projects and contracts.

-
- Met with Jack Creveling regarding CCNG matters.

Noteworthy Events

- On May 1st, Lloyd Gosselink received signatures from LCRA on the Final Closing documents and hand delivered the contract to the PUA office for President Roberts signature. All documents were signed and recorded by Lloyd Gosselink. Special thanks to David Klein and Maris Chambers, Lloyd Gosselink, for their hard work and coordination of all the closing preparation.
- Final payment wired to LCRA on May 1, 2019.
- Lease of the Triton office space expires on May 31st. Staff will empty both suites of all remaining furniture and finalize the terms of the lease agreement.

ITEM B

West Travis County Public Utility Agency
Budget to Actual Report-General Fund
April 2019 and 2019 Fiscal Year to Date with 2018 Fiscal Year to Date Comparison

	Apr 19	Oct 18 - Apr 19	Oct 17 - Apr 18	Annual Budget	% of Budget
Income					
30 · Water Department-Rev	\$ 1,554,935	\$ 8,720,811	\$ 9,970,317	\$ 22,069,000	39.5%
31 · Wastewater Department-Rev	430,794	2,921,574	2,882,050	5,265,000	55.5%
32 · Investment Income	5,609	38,004	22,117	60,000	63.3%
33 · Other Income	986	15,847	3,476	4,000	396.2%
Total Income	\$ 1,992,325	\$ 11,696,235	\$ 12,877,961	\$ 27,398,000	42.7%
Expense					
41 · Water Department - Exp					
16101 · Maintenance & Repairs-W	\$ 53,114	\$ 365,042	\$ 472,136	\$ 827,800	44.1%
16110 · Grounds Maintenance-W	2,550	26,740	21,110	34,000	78.6%
16120 · Raw Water-W	87,013	509,688	538,040	1,139,800	44.7%
16130 · Chemicals-W	27,255	103,181	111,818	242,600	42.5%
16140 · Sludge Disposal-W	18,975	141,605	152,113	285,600	49.6%
16160 · Utilities-W	84,055	517,381	620,604	1,238,400	41.8%
16170 · Permit Expense-W	50	17,690	17,150	17,800	99.4%
16172 · Laboratory Fees-W	2,362	13,939	18,518	30,100	46.3%
16175 · SER Legal & Engineer Fees-W	(8,750)	72,422	115,729	30,000	241.4%
16178 · Construction Inspection Fees-W	22,733	79,206	48,790	207,000	38.3%
16180 · Contracted Services-W	2,076	37,562	39,176	69,700	53.9%
16190 · Other Expenses-W	9,411	42,059	11,498	12,000	350.5%
Total 41 · Water Department - Exp	300,843	1,926,516	2,166,682	4,134,800	46.6%
42 · Wastewater Department - Exp					
16201 · Maintenance & Repairs-WW	31,512	134,751	184,938	273,000	49.4%
16210 · Grounds Maintenance-WW	3,250	34,503	26,820	40,000	86.3%
16230 · Chemicals-WW	2,164	29,233	27,770	46,300	63.1%
16236 · Pre-Treatment Program-WW	1,987	12,732	21,490	32,000	39.8%
16240 · Sludge Disposal-WW	50,920	383,470	440,378	759,700	50.5%
16260 · Utilities-WW	21,697	154,084	144,812	260,300	59.2%
16270 · Permit Expense-WW	-	1,250	1,250	1,300	96.2%
16272 · Laboratory Fees-WW	2,730	16,742	54,071	74,000	22.6%
16275 · Lease-Effluent Pond-WW	-	93,000	93,000	96,300	96.6%
16280 · Contracted Services-WW	-	4,274	5,476	12,300	34.8%
16290 · Other Expense-WW	229	993	1,158	1,800	55.2%
Total 42 · Wastewater Department - Exp	114,488	865,031	1,001,163	1,597,000	54.2%
43 · Shared Department-Exp					
17105 · Billing System & Support	10,663	59,496	64,809	224,200	26.5%
17110 · Insurance	-	115,244	118,819	116,400	99.0%
17125 · Occupancy	20,866	168,371	100,928	250,000	67.3%
17400 · Payroll Expense	314,430	1,746,861	1,566,660	3,039,700	57.5%
17500 · Professional Services	56,893	418,804	332,111	804,700	52.0%
17660 · Utilities	2,116	16,388	26,148	34,500	47.5%
17700 · Vehicle Expense	13,053	49,244	80,013	119,700	41.1%
17800 · Other Expenses	7,332	85,627	93,116	169,200	50.6%
17950 · Bad Debt Expense	-	(2,466)	29,080	136,700	-1.8%

West Travis County Public Utility Agency
Budget to Actual Report-General Fund
April 2019 and 2019 Fiscal Year to Date with 2018 Fiscal Year to Date Comparison

	Apr 19	Oct 18 - Apr 19	Oct 17 - Apr 18	Annual Budget	% of Budget
Total 43 · Shared Department-Exp	425,354	2,657,568	2,411,684	4,895,100	54.3%
50 · Capital Outlay	-	-	129,703	500,000	0.0%
Total Expense	\$ 840,685	\$ 5,449,115	\$ 5,709,232	\$ 11,126,900	49.0%
Net Ordinary Income	\$ 1,151,640	\$ 6,247,121	\$ 7,168,729	\$ 16,271,100	38.4%
Transfers Out					
18000 · Transfer to Debt Service Fd-GOF	777,083	5,439,583	5,903,333	9,325,000	58.3%
18010 · Transfer to Facilities Fund-GOF	194,271	1,359,896	1,475,833	2,331,250	58.3%
Total Transfers Out	971,354	6,799,479	7,379,167	11,656,250	58.3%
Net Income (Deficit)	\$ 180,286	\$ (552,358)	\$ (210,438)	\$ 4,614,850	

West Travis County Public Utility Agency
Balance Sheet-All Funds
As of April 30, 2019

	1 General Fund	2 Facilities Fund	3 Rate Stabilization Fund	4 Debt Service Fund	5 Capital Projects Fund	6 Impact Fee Fund	TOTAL
ASSETS							
Cash & Investments							
01 · Cash & Cash Equivalents	\$ 2,401,553	\$ 12,652,395	\$ 903	\$ 3,384,947	\$ 5,096,633	\$ 14,098,202	\$ 37,634,634
02 · Investments	3,071,128	5,836,785	3,042,538	16,898,439	24,580,328	28,914,880	82,344,096
Total Cash & Investments	5,472,681	18,489,180	3,043,440	20,283,386	29,676,961	43,013,082	119,978,730
Accounts Receivable	2,494,191	-	-	-	-	460,425	2,954,616
Other Current Assets							
05 · Receivables-Other	22,156	-	-	-	-	-	22,156
06 · Due from Other Funds	12,047,422	1,115,979	-	-	1,541,695	1,732,343	16,437,439
08 · Deposits	24,461	-	-	-	-	-	24,461
Total Other Current Assets	12,094,039	1,115,979	-	-	1,541,695	1,732,343	16,484,056
TOTAL ASSETS	\$ 20,060,911	\$ 19,605,159	\$ 3,043,440	\$ 20,283,386	\$ 31,218,656	\$ 45,205,851	\$ 139,417,403
LIABILITIES & FUND BALANCES							
Liabilities							
Accounts Payable	\$ 520,239	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 520,239
Other Current Liabilities							
13 · Refundable Deposits	653,127	-	-	-	-	-	653,127
14 · Other Accrued Liabilities	66,196	-	-	-	-	-	66,196
15 · Due to Other Funds	4,390,073	2,023,740	-	-	9,942,413	81,213	16,437,439
Total Other Current Liabilities	5,109,396	2,023,740	-	-	9,942,413	81,213	17,156,762
Total Liabilities	5,629,635	2,023,740	-	-	9,942,413	81,213	17,677,001
Fund Balances							
20 · Fund Balances-Beginning of Year	14,983,634	5,574,628	3,008,007	17,373,166	20,559,245	39,420,687	100,919,368
Net Income (Deficit)	(552,358)	12,006,790	35,433	2,910,220	716,999	5,703,951	20,821,034
Total Fund Balances	14,431,276	17,581,419	3,043,440	20,283,386	21,276,244	45,124,638	121,740,402
TOTAL LIABILITIES & FUND BALANCES	\$ 20,060,911	\$ 19,605,159	\$ 3,043,440	\$ 20,283,386	\$ 31,218,656	\$ 45,205,851	\$ 139,417,403

West Travis County Public Utility Agency
Profit & Loss-All Funds
October 2018 through April 2019

	1 General Fund	2 Facilities Fund	3 Rate Stabilization Fund	4 Debt Service Fund	5 Capital Projects Fund	6 Impact Fee Fund	TOTAL
Income							
30 · Water Department-Rev	\$ 8,720,811	\$ -	\$ -	\$ -	\$ -	\$ 5,893,940	\$ 14,614,751
31 · Wastewater Department-Rev	2,921,574	-	-	-	-	816,444	3,738,018
32 · Investment Income	38,004	69,018	35,433	199,372	290,290	350,210	982,327
33 · Other Income	15,847	-	-	-	-	-	15,847
Total Income	\$ 11,696,235	\$ 69,018	\$ 35,433	\$ 199,372	\$ 290,290	\$ 7,060,594	\$ 19,350,942
Expense							
41 · Water Department - Exp	\$ 1,926,516	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,926,516
42 · Wastewater Department - Exp	865,031	-	-	-	-	-	865,031
43 · Shared Department-Exp	2,657,568	-	-	-	-	465	2,658,033
50 · Capital Outlay							
52 · Capital Projects Fund							
26015 · RWI/PS Expansion Ph 1-D&A	-	-	-	-	8,184	-	8,184
26020 · RWI/PS Expansion Ph 1-C	-	-	-	-	232,310	-	232,310
26025 · RW TM #2-D&A	-	-	-	-	272,109	-	272,109
26105 · SWPPS Upgrade Ph 1-D&A	-	-	-	-	7,373	-	7,373
26125 · 1340 EST-D&A	-	-	-	-	78,592	-	78,592
26130 · 1340 EST-C	-	-	-	-	869,288	-	869,288
26145 · 1340 TM-D&A	-	-	-	-	50,988	-	50,988
26150 · 1340 TM-C	-	-	-	-	1,897,230	-	1,897,230
26205 · HPR Conv & Upgrade to 1500-D&A	-	-	-	-	29,526	-	29,526
26215 · WBCPS GST 2 Upgrade Ph 2&3-D&A	-	-	-	-	52,506	-	52,506
26225 · 1080 Bee Cave TM-D&A	-	-	-	-	60,977	-	60,977
26245 · Warranty Work-1280 EST Repairs	-	-	-	-	7,344	-	7,344
26310 · TLAP Major Amend Application	-	-	-	-	468	-	468
26315 · Bohls WWTP Expansion-D&A	-	-	-	-	27,079	-	27,079
26326 · Beneficial Recycling Fac-D&A	-	-	-	-	10,085	-	10,085
26950 · Developer Reimbursements	-	-	-	-	969,233	-	969,233
Total 52 · Capital Projects Fund	-	-	-	-	4,573,291	-	4,573,291
53 · Facilities Fund							
45025 · Uplands WTP Off/Trident Bld-D&A	-	53,975	-	-	-	-	53,975
45030 · Uplands WTP Off/Trident Bld-C	-	387,028	-	-	-	-	387,028
45035 · Tank & PS Repainting-D&A	-	34,691	-	-	-	-	34,691

West Travis County Public Utility Agency
Profit & Loss-All Funds
October 2018 through April 2019

	1 General Fund	2 Facilities Fund	3 Rate Stabilization Fund	4 Debt Service Fund	5 Capital Projects Fund	6 Impact Fee Fund	TOTAL
45040 · Tank & PS Repainting-C	-	134,079	-	-	-	-	134,079
45105 · SCADA	-	47,690	-	-	-	-	47,690
45125 · Meter Purchases	-	10,869	-	-	-	-	10,869
45130 · Automated Metering Proj-Install	-	98,605	-	-	-	-	98,605
45300 · Wastewater System Large M&R	-	31,321	-	-	-	-	31,321
45500 · Mobile Equipment	-	49,810	-	-	-	-	49,810
Total 53 · Facilities Fund	-	848,068	-	-	-	-	848,068
Total 50 · Capital Outlay	-	848,068	-	-	4,573,291	-	5,421,359
55 · Debt Service	-	-	-	4,090,294	-	-	4,090,294
Total Expense	\$ 5,449,115	\$ 848,068	\$ -	\$ 4,090,294	\$ 4,573,291	\$ 465	\$ 14,961,233
Net Ordinary Income (Deficit)	\$ 6,247,121	\$ (779,050)	\$ 35,433	\$ (3,890,922)	\$ (4,283,001)	\$ 7,060,129	\$ 4,389,710
60 · Other Financing Sources							
Bond Proceeds	-	11,425,944	-	5,380	5,000,000	-	16,431,325
Transfers In	-	1,359,896	-	6,795,762	-	-	8,155,657
Total 60 · Other Financing Sources	-	12,785,840	-	6,801,142	5,000,000	-	24,586,982
61 · Other Financing Uses							
Transfers Out	(6,799,479)	-	-	-	-	(1,356,178)	(8,155,657)
Total 61 · Other Financing Uses	(6,799,479)	-	-	-	-	(1,356,178)	(8,155,657)
Net Income (Deficit)	\$ (552,358)	\$ 12,006,790	\$ 35,433	\$ 2,910,220	\$ 716,999	\$ 5,703,951	\$ 20,821,034

FY 2020

BUDGET & RATE PLANNING CALENDAR

Updated: 5/10/19

JUNE 15, 2019
Draft rates provided to wholesale customers (must be 60 days prior to Board consideration).
JUNE 20, 2019
Call Public Hearing for Board consideration of rate changes for August 15, 2019
FY20 Budget Work Session with Finance Committee: <ul style="list-style-type: none"> 1 Review of historical expenses. 2 Review of staff proposals for budget adjustments. 3 Review potential impact to customer rates as a result of proposed budget adjustments. 4 Review final rate study and recommendations. 5 Receive Finance Committee direction.
JULY 15, 2019
Publish Public Hearing Notice on Board consideration of rate changes.
JULY 18, 2019
Draft budgets presented to Board for General Operating Fund, Facilities Fund, Rate Stabilization Fund, Debt Service Fund, Impact Fee Fund and Capital Projects Fund.
Draft budget provided to wholesale customers (must be 60 days prior to Board consideration).
AUGUST 15, 2019
Draft budgets presented to Board for General Operating Fund, Facilities Fund, Rate Stabilization Fund, Debt Service Fund, Impact Fee Fund and Capital Projects Fund.
Public Hearing on rate changes.
Board to consider adoption of retail and wholesale rates.
Notice of revised rates to be sent to wholesale customers (must be 30 days prior to effective date).
SEPTEMBER 19, 2019
Board to consider adoption of final budgets for all funds.
OCTOBER 1, 2019
FY20 budgets become effective.
New retail and wholesale rates become effective.

ITEM C



Partners for a Better Quality of Life

May 6, 2019

Ms. Jennifer Riechers, Interim General Manager
West Travis County Public Utility Agency
13215 Bee Cave Pkwy, B-110
Bee Cave, TX 78738

Re: WTCPUA Project Status Summary – May 2019 – Project Nos. 23008 & 1800076

Dear Jennifer:

Please find the following status report for CP&Y's active projects with West Travis County PUA.

1. Tank & Pump Station Recoating Project (eight locations) – The only remaining work on this project that the contractor (CFG) has left to finish is to recoat the exterior pump piping at the SW Parkway site. They anticipate completing that work in the next week or two and then they will be ready for the final walkthrough with the Engineer and Owner's staff. If all work meets the requirements of the construction documents, a certificate of substantial completion will be issued thereafter. The substantial completion deadline for this project was February 1, 2019. No further payment will be made to the contractor until they achieve substantial completion.
2. Uplands WTP & High Service Pump Station Renovations – Travis Industries is substantially complete on this project and the certificate of substantial completion has been issued. The contractor is currently working on the punch list and is expected to complete all items during the week of May 6, 2019. Project closeout paperwork will be executed thereafter in order to issue final payment.

Thank you and should you have any questions please call me at 254-772-9272 or at swetzel@cpyi.com with written communications.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Scott C. Wetzel', enclosed in a blue oval.

Scott C. Wetzel, PE
Vice President
CP&Y, Inc.

Cc: File 23008 & WTCP1800076



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: May 8th, 2019

TO: **BOARD OF DIRECTORS – WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY**

FROM: Dennis Lozano, P.E.

RE: Capital Improvements Plan Projects Update – May 2019

CC: Jennifer Riechers – WTCPUA General Manger

MEC File No.: 11051.131

A written summary of all CIP projects that are currently underway is provided below with a tabular summary following.

Raw Water Line No. 2

Site & NPS plans have been submitted to the City of Bee Cave, TxDOT, and Travis County. Comments from TxDOT have been addressed and resubmittal made. Regular meetings will begin being held with representatives of the Lake Pointe MUD and HOA. The construction schedule has been revised to begin in October of this year owing to delays in easement procurement and the requirements of the USFWS 10(a) permit. The first bid advertisements are anticipated for June of this year.

Wastewater Permit Major Amendment

The Major Amendment Application is currently in technical review. In a recent inquiry into the status of the permit the permit writer indicated that he is preparing the draft permit, indicating that TCEQ internal technical review is likely complete. A request for Board approval of an amendment to the engineering services agreement for additional, unanticipated costs is forthcoming once we have a clearer picture of the administrative path to the permit.

Beneficial Water Recycling Project

The complete source water characterization has been submitted to TCEQ. Development of the pilot protocol is ongoing. The design process is moving ahead and preliminary mechanical drawings have been completed and are under review along with cross-referencing between unit processes and

equipment.

1340 Transmission Main

Pending a walkthrough the work has reached substantial completion. We are working to develop an implementation plan for the project for interim operation until the 1340 EST is online and the system is ready for full implementation of the 1340 conversion (Sawyer Ranch Road service corridor). Restoration efforts have begun and are being coordinated with landowners.

1340 Elevated Storage Tank

Yard piping work and the tie-in to the system have been completed. Substantial completion of the EST will follow the 1340 Transmission Main by a couple of weeks, providing the necessary synchronization to put both facilities in operation together.

Bohls WWTP Expansion Design

The approvals process with the City of Bee Cave and Lake Travis Fire Rescue is ongoing. We are currently working toward Planning and Zoning Commission and City Council approvals. Individual unit processes have been analyzed with only aeration equipment remaining and we have begun detailed mechanical drawings for the individual components of the treatment works.

Southwest Parkway Pump Station Expansion

Coordination with the LCRA and The Nature Conservancy (TNC) is ongoing and we are in the process of securing documentation to provide to the City of Austin that TNC acknowledges and consents to the inclusion of a portion of their property in our site plan application. The property will not be used for construction or included in the limits of construction for any purpose, but will remain an “undisturbed area” in perpetuity. An appraisal for the easement has been procured and provided to TNC as well as a survey description of the property. A conference call to discuss the terms of an easement agreement was held with TNC and a draft agreement provided by them for review.

1080 Transmission Main

Conversations with landowners are ongoing regarding Rights of Entry (RoE). A significant portion of the survey has been completed for that portion of the alignment where RoE is in place. More in-depth subsurface utility information gathering is underway and additional field work and survey is pending resolution of some RoE and easement questions.

West Bee Cave Pump Station Ground Storage Tank No. 2

A recommendation for award is provided under the Consent Agenda.

1240 Conversion at the County Line Pump Station

We have completed review of the available information and determined that the yard piping as constructed is not reflected in any of the records we have access to. For this project and future projects on this site (e.g., 1340 Pump Station Expansion), accurate records and understanding of the yard piping is a prerequisite. We have requested that WTCPUA operations staff conduct potholing on site at locations as directed to gain further information about the yard piping and await completion of that work to move the project forward.

CIP PROJECTS SUMMARY TABLE

Project	Phase	Original Budget	Total Change Orders	Revised Budget*	Percent Complete (Phase)	Estimated Completion Date	
						Phase	Project
Raw Water Line No. 2	Design	\$350,707	N/A	N/A	97%	Q1 2019	Q2 2020
	Construction	\$5.0M	N/A	N/A	0%	Q2 2020	Q2 2020
Wastewater Permit Major Amendment	Technical Review	\$51,000	\$99,000	\$150,000	99%	Q4 2018	2019
1080 Transmission Main	Design & Easement Acquisition	\$356,750	N/A	\$356,750	30%	Q3 2019	Q3 2020
Beneficial Water Recycling Project	Permitting & Design	\$475,000	N/A	\$475,000	90%	Q2 2020	Q2 2020
1340 Transmission Main	Construction	\$2,313,549	\$89,761	\$2,403,311	95%	Q2 2019	Q2 2019
1340 Elevated Storage Tank	Construction	\$1,729,000	N/A	\$1,729,000	85%	Q1 2019	Q1 2019
Bohls WWTP Expansion	Permitting & Design	\$481,000	N/A	\$481,000	75%	Q4 2019	Q4 2020
SWPPS Expansion	Permitting & Design	\$161,000	N/A	\$161,000	85%	Q2 2019	Q4 2019
West Bee Cave PS GST 2	Construction	\$1,274,452	N/A	N/A	0%	Q3 2019	Q3 2019
1240 Conversion at CLPS	Design	\$5,120	N/A	\$5,210	10%	Q2 2019	Q1 2019

- - Does not include legal or other consulting fees unless they are sub-consultants to MEC



County Line Pump Station 1340 EST Site



County Line Pump Station 1340 EST Site



1340 Transmission Main Site Restoration



Travis County MUD 22 EST Site



Travis County MUD 22 EST Site

ITEM D



WEST TRAVIS COUNTY PUBLIC UTILITY AGENCY
Regional Water Treatment Plant

Operations Report

May 8, 2019

Operations Overview

Water Plant

Flow is steady at about 7 MGD.

New turbidity monitors installed for Unit 3

Wastewater Plant

Replaced flow meter for Lake Pointe Plant 1

Pump & Motor

Installed new pump control valve for raw water pump 4

Rebuilt pump 1 at County Line PS has been installed.

Rebuilt effluent pump 2 at Lake Point WWTP has been installed.

Line Maintenance

No major repairs to report

Environmental Compliance

There was a permit excursion for average flow at the Bohls WWTP. Adjustments have been made to distribute more flow to Lake Pointe WWTP. Please see the below process control summaries for the Water Treatment Plant and both Wastewater Treatment Plants.

Process Overview of: April 2019

Water Treatment Plant	Actual
AVG Raw Water	7.120 MGD
AVG Treated Water	6.654 MGD
PEAK Treated Water	8.647 MGD
AVG CFE Turbidity	0.05 NTU
AVG Chlorine	3.24 mg/L

Lake Point WWTP	Actual	Permit Limit
AVG Flow	0.384 MGD	0.675 MGD
MAX Flow	0.653 MGD	
AVG BOD	1.25 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	1.11 mg/l	3 mg/L

Bohls WWTP	Actual	Permit Limit
AVG Flow	0.328 MGD	0.325 MGD
MAX Flow	0.428 MGD	
AVG BOD	2.00 mg/l	5 mg/L
AVG Fec.Coli	1.53 mg/l	20 mg/L
AVG NH3	0.05 mg/l	2 mg/L
AVG Turbidity	2.04 mg/l	3 mg/L

West Travis County Public Utility Agency Billing Summary Report



**This report contains estimates of monthly billing data based upon information at the time of report preparation. This report is not based upon audited information. Additionally, monthly billing adjustments may not be reflected on this report. This is prepared for trending purposes only. For final billed revenues net of adjustments, please see the monthly financial statements.*



Summary of Retail Billed Revenues Water Utility

Bee Cave District	April	May	June	July	August	September	October	November	December	January	February	March	12 Month Total
	3/10-4/10	4/11-5/10	5/11-6/11	6/12-7/11	7/12-8/10	8/11-9/10	9/11-10/11	10/12-11/9	11/10-12/10	12/11-1/9	1/10-2/8	2/9-3/8	
Commercial Water	\$ 28,570	\$ 26,598	\$ 34,887	\$ 37,406	\$ 34,081	\$ 33,985	\$ 26,971	\$ 21,188	\$ 19,923	\$ 24,588	\$ 22,964	\$ 24,229	\$ 335,390
Commercial Base Water	24,455	24,418	24,371	24,257	24,257	24,244	23,998	23,637	23,631	23,902	23,984	24,041	\$ 289,195
Fire Hydrant Water	12,713	3,552	4,178	2,284	11,682	13,334	2,820	2,559	3,538	3,430	1,759	1,676	\$ 63,523
Multi Use Water	47,626	50,281	51,683	55,036	54,938	50,868	55,188	52,035	53,063	51,203	51,049	51,069	\$ 624,038
Residential Base Water	124,543	126,684	128,166	128,315	128,611	128,947	128,834	129,350	129,873	129,771	129,894	129,939	\$ 1,542,926
Residential Water	190,478	273,805	413,564	561,914	564,124	455,750	188,889	117,628	124,422	117,960	108,804	110,074	\$ 3,227,412
Irrigation Water	27,954	42,888	97,319	179,824	141,925	147,071	98,723	44,451	28,404	22,111	23,929	23,440	\$ 878,038
TOTALS	\$ 456,339	\$ 548,224	\$ 754,169	\$ 989,036	\$ 959,617	\$ 854,198	\$ 525,422	\$ 390,848	\$ 382,853	\$ 372,965	\$ 362,383	\$ 364,468	\$ 6,960,521

Bee Cave South	April	May	June	July	August	September	October	November	December	January	February	March	12 Month Total
	3/30-4/30	5/1-5/31	6/1-6/29	6/30-7/30	7/31-8/30	8/31-10/1	10/2-10/29	10/30-11/28	11/29-12/31	1/1-1/30	1/31-3/1	3/2-4/1	
Commercial Water	\$ 26,524	\$ 29,527	\$ 22,280	\$ 25,865	\$ 30,677	\$ 24,774	\$ 19,815	\$ 23,432	\$ 22,954	\$ 24,763	\$ 20,533	\$ 26,868	\$ 298,012
Commercial Base Water	7,222	7,235	7,232	7,232	6,980	7,232	7,232	7,232	7,267	7,344	7,425	7,244	\$ 86,744
Fire Hydrant Water	5,601	6,676	14,054	16,459	14,916	3,819	2,573	3,225	3,213	3,019	4,236	15,360	\$ 83,392
Residential Base Water	75,902	75,955	75,988	76,228	76,425	76,539	76,650	77,227	77,548	77,682	78,140	78,816	\$ 920,150
Residential Water	94,908	119,386	182,351	191,340	244,567	95,139	56,985	66,769	59,714	62,231	51,921	69,615	\$ 1,294,393
TOTALS	\$ 210,158	\$ 238,778	\$ 301,905	\$ 317,124	\$ 373,566	\$ 207,503	\$ 163,256	\$ 177,886	\$ 170,696	\$ 175,040	\$ 162,254	\$ 197,903	\$ 2,682,690

Homestead / Meadow Fox	April	May	June	July	August	September	October	November	December	January	February	March	12 Month Total
	3/20-4/18	4/19-5/18	5/19-6/19	6/20-7/19	7/20-8/17	8/18-9/18	9/19-10/18	10/19-11/19	11/20-12/19	12/20-1/22	1/23-2/19	2/20-3/20	
Residential Base Water	\$ 6,915	\$ 6,944	\$ 6,955	\$ 6,898	\$ 6,900	\$ 6,905	\$ 6,903	\$ 6,910	\$ 6,957	\$ 6,964	\$ 7,005	\$ 7,009	\$ 83,266
Residential Water	7,478	8,535	16,902	16,164	19,958	13,284	6,295	6,056	6,176	6,566	5,756	5,063	\$ 118,234
TOTALS	\$ 14,393	\$ 15,480	\$ 23,857	\$ 23,063	\$ 26,858	\$ 20,190	\$ 13,198	\$ 12,966	\$ 13,132	\$ 13,530	\$ 12,761	\$ 12,072	\$ 201,500

290 / HPR	April	May	June	July	August	September	October	November	December	January	February	March	12 Month Total
	3/22-4/20	4/21-5/22	5/23-6/21	6/22-7/20	7/21-8/20	8/21-9/19	9/20-10/19	10/20-11/20	11/21-12/20	12/21-1/22	1/23-2/20	2/21-3/21	
Commercial Water	\$ 3,380	\$ 3,814	\$ 7,150	\$ 4,103	\$ 4,474	\$ 7,314	\$ 3,634	\$ 3,991	\$ 3,489	\$ 2,495	\$ 3,414	\$ 3,515	\$ 50,772
Commercial Base Water	2,524	2,550	2,705	2,713	2,960	2,969	3,216	3,526	3,270	3,240	3,484	3,484	\$ 36,641
Fire Hydrant Water	12,312	16,095	43,052	23,354	14,525	4,514	2,415	2,930	6,482	2,504	3,092	3,607	\$ 134,881
Residential Base Water	119,896	120,850	121,447	122,317	123,740	124,728	125,437	126,195	126,863	127,530	127,459	128,067	\$ 1,494,530
Residential Water	196,602	262,673	409,262	381,734	494,517	356,261	144,342	99,151	110,107	92,073	91,521	110,378	\$ 2,748,621
Irrigation Water	16,331	30,735	45,036	45,268	66,865	52,600	5,152	4,814	10,343	2,027	1,955	5,271	\$ 286,397
TOTALS	\$ 351,046	\$ 436,717	\$ 628,651	\$ 579,489	\$ 707,082	\$ 548,386	\$ 284,197	\$ 240,606	\$ 260,554	\$ 229,868	\$ 230,925	\$ 254,321	\$ 4,751,842

GRAND TOTALS	April	May	June	July	August	September	October	November	December	January	February	March	12 Month Total
Commercial Water	\$ 58,474	\$ 59,939	\$ 64,318	\$ 67,374	\$ 69,232	\$ 66,073	\$ 50,421	\$ 48,612	\$ 46,365	\$ 51,846	\$ 46,910	\$ 54,611	\$ 684,174
Commercial Base Water	34,202	34,203	34,308	34,202	34,197	34,445	34,446	34,394	34,169	34,486	34,893	34,769	\$ 412,715
Fire Hydrant Water	30,626	26,322	61,284	42,096	41,123	21,667	7,809	8,714	13,232	8,953	9,086	20,643	\$ 291,553
Multi Use Water	47,626	50,281	51,683	55,036	54,938	50,868	55,188	52,035	53,063	51,203	51,049	51,069	\$ 624,038
Residential Base Water	327,257	330,433	332,556	333,759	335,676	337,120	337,823	339,682	341,240	341,948	342,497	343,831	\$ 4,043,822
Residential Water	489,467	664,399	1,022,079	1,151,152	1,323,166	920,434	396,512	289,605	300,419	278,830	258,002	295,130	\$ 7,389,195
Irrigation Water	44,285	73,623	142,355	225,092	208,790	199,672	103,874	49,264	38,747	24,138	25,884	28,711	\$ 1,164,435
TOTALS	\$ 1,031,936	\$ 1,239,199	\$ 1,708,583	\$ 1,908,711	\$ 2,067,122	\$ 1,630,277	\$ 986,073	\$ 822,307	\$ 827,235	\$ 791,403	\$ 768,322	\$ 828,763	\$ 14,609,932



Summary of Retail Billed Revenues Wastewater Utility

Bee Cave District	April	May	June	July	August	September	October	November	December	January	February	March	12 Month Total
Commercial Sewer	\$ 59,069	\$ 59,589	\$ 63,449	\$ 64,994	\$ 67,211	\$ 62,275	\$ 59,904	\$ 54,358	\$ 53,263	\$ 56,830	\$ 56,508	\$ 58,712	\$ 716,162
Multi Use Sewer	61,148	63,916	65,382	68,808	68,792	64,606	69,067	65,926	66,749	65,025	64,626	64,692	\$ 788,735
Grinder Surcharge	1,000	997	975	962	975	975	975	975	971	968	975	972	\$ 11,719
Residential Sewer	204,255	207,389	213,103	216,694	217,627	216,118	200,002	190,131	192,156	189,289	185,270	186,574	\$ 2,418,610
TOTALS	\$ 325,472	\$ 331,890	\$ 342,909	\$ 351,457	\$ 354,605	\$ 343,974	\$ 329,948	\$ 311,390	\$ 313,140	\$ 312,112	\$ 307,379	\$ 310,949	\$ 3,935,226



Summary of Retail Billed Revenues
Other Fees (466-Reg, Pen & Capital)
 (477-Reg, Pen & Drainage)

	April	May	June	July	August	September	October	November	December	January	February	March
Bee Cave	\$ 9,357	\$ 10,392	\$ 15,972	\$ 14,959	\$ 9,132	\$ 6,919	\$ 5,005	\$ 4,076	\$ 9,417	\$ 11,873	\$ 7,817	\$ 8,336
Bee Cave South	1,803	2,601	2,955	2,986	1,627	654	2,881	3,372	3,954	2,444	2,473	2,985
Homestead / Meadow Fox	4,477	4,472	4,504	4,569	4,444	4,400	4,354	4,471	4,552	4,611	4,582	4541.9
290 / HPR	4,014	4,915	6,175	6,525	5,557	3,730	2,310	5,663	4,429	5,421	4,965	3,730
TOTALS	\$ 19,651	\$ 22,380	\$ 29,606	\$ 29,038	\$ 20,760	\$ 15,703	\$ 14,550	\$ 17,582	\$ 22,352	\$ 24,349	\$ 19,838	\$ 19,593



Summary of Retail Billed Revenues
NON PUA Revenue

Hays MUD 4	April	May	June	July	August	September	October	November	December	January	February	March
Sewer	\$ 7,806	\$ 8,643	\$ 8,025	\$ 8,120	\$ 8,275	\$ 7,940	\$ 7,568	\$ 7,643	\$ 7,235	\$ 7,377	\$ 7,059	\$ 7,466
TOTALS	\$ 7,806	\$ 8,643	\$ 8,025	\$ 8,120	\$ 8,275	\$ 7,940	\$ 7,568	\$ 7,643	\$ 7,235	\$ 7,377	\$ 7,059	\$ 7,466

TC MUD 16	April	May	June	July	August	September	October	November	December	January	February	March
Sewer	\$ 26,669	\$ 26,829	\$ 27,598	\$ 27,365	\$ 27,854	\$ 27,740	\$ 25,318	\$ 23,801	\$ 24,299	\$ 23,630	\$ 23,873	\$ 24,528
TOTALS	\$ 26,669	\$ 26,829	\$ 27,598	\$ 27,365	\$ 27,854	\$ 27,740	\$ 25,318	\$ 23,801	\$ 24,299	\$ 23,630	\$ 23,873	\$ 24,528



Summary of Wholesale, Raw Water and Effluent Billed Revenues

Wholesale Water

Revenue	April	May	June	July	August	September	October	November	December	January	February	March
	4/15-5/15	5/16-6/15	6/16-7/15	7/16-8/15	8/16-9/15	9/16-10/15	10/16-11/15	11/16-12/14	12/15-1/14	1/15-2/15	2/16-3/15	3/15-4/15
Barton Creek West	\$ 28,328	\$ 37,922	\$ 41,791	\$ 42,274	\$ 39,532	\$ 24,445	\$ 20,334	\$ 19,844	\$ 21,210	\$ 20,241	\$ 19,622	\$ 27,575
Headwaters	17,931	19,979	20,989	22,695	21,324	17,500	17,468	17,498	\$ 16,418	\$ 16,652	\$ 16,841	\$ 18,277
City of Dripping Springs (Blue	432	432	432	432	432	434	432	432	\$ 432	\$ 432	\$ 432	\$ 432
Crystal Mountain HOA	4,805	6,105	6,480	6,617	6,098	4,185	3,713	3,828	\$ 3,674	\$ 4,334	\$ 3,801	\$ 4,579
Deer Creek Ranch	16,699	19,348	19,735	22,503	19,733	14,362	14,733	14,087	\$ 13,598	\$ 14,016	\$ 13,785	\$ 15,617
Dripping Springs WSC	45,689	45,837	50,386	60,636	53,875	33,993	23,567	40,631	\$ 38,216	\$ 38,097	\$ 39,539	\$ 50,259
Eanes ISD	1,565	1,748	1,497	1,906	1,876	1,454	1,165	1,169	\$ 1,019	\$ 1,129	\$ 1,112	\$ 1,400
Graham Mortgage	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Hays WCID 1	42,558	50,137	50,218	58,672	52,805	36,584	36,220	35,250	\$ 30,672	\$ 30,279	\$ 30,219	\$ 36,064
Hays WCID 2	39,140	44,617	46,831	56,005	51,631	33,171	21,860	37,785	\$ 28,270	\$ 28,489	\$ 28,973	\$ 36,309
Hudson	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Lazy Nine 1A	31,624	34,221	35,318	39,560	38,874	51,339	24,259	23,853	\$ 22,630	\$ 22,668	\$ 23,815	\$ 30,105
Masonwood	13,980	16,679	17,457	21,289	19,295	9,887	12,756	9,832	\$ 9,766	\$ 9,437	\$ 9,990	\$ 12,531
Reunion Ranch	19,303	22,418	22,501	27,417	24,191	12,481	11,383	10,285	\$ 10,370	\$ 11,009	\$ 12,667	\$ 16,075
Senna Hills	18,375	21,631	22,247	25,033	21,663	14,409	13,233	12,794	\$ 12,630	\$ 12,394	\$ 12,274	\$ 15,209
Travis County MUD 12	57,884	62,243	61,295	67,766	60,776	47,474	43,030	42,428	\$ 41,084	\$ 41,345	\$ 42,314	\$ 50,773
TOTALS	\$ 338,314	\$ 383,319	\$ 397,175	\$ 452,805	\$ 412,107	\$ 301,719	\$ 244,152	\$ 269,715	\$ 249,989	\$ 250,523	\$ 255,383	\$ 315,206

Wholesale Wastewater

Revenue	April	May	June	July	August	September	October	November	December	January	February	March
Masonwood Wastewater	\$ 24,602	\$ 23,212	\$ 26,841	\$ 26,313	\$ 28,506	\$ 28,804	\$ 28,621	\$ 28,552	\$ 28,621	\$ 32,372	\$ 28,514	\$ 30,523
WCID 17 Wastewater	31,401	31,995	32,075	30,635	32,446	32,013	31,982	31,117	32,841	31,970	30,412	31,469
TOTALS	\$ 56,003	\$ 55,206	\$ 58,915	\$ 56,948	\$ 60,952	\$ 60,817	\$ 60,603	\$ 59,669	\$ 61,462	\$ 64,342	\$ 58,926	\$ 61,992

Effluent/Raw Water/Raw Water Delivery

Revenue	April	May	June	July	August	September	October	November	December	January	February	March
Brinker Texas (Chilis) Effluent	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
CCNG Effluent / Raw	14,884	28,991	32,287	44,567	31,414	4,850	-	-	-	-	-	-
Connell Falconhead Apts	3,921	4,669	4,636	3,736	3,272	1,525	-	-	-	-	-	-
FalconHead HOA (Spillman) E	6,413	5,474	7,325	6,590	6,607	4,863	-	-	-	-	-	-
Fire Phoenix (Falconhead Golf	24,994	43,615	10,849	46,464	23,676	19,733	-	-	-	-	-	5,743
First Star Bank Effluent	16	29	21	8	8	-	-	-	-	-	-	-
Lake Travis ISD Effluent / Raw	551	251	427	571	1,944	353	1,792	1,147	1,060	1,175	1,167	658
WTCMUD3 Raw Water Delive	976	1,000	1,511	2,014	499	-	-	-	-	-	297	483
Embrey Partners (Estates at B	1,163	312	1,940	234	473	826	-	-	-	-	-	-
Ash Creek Homes (Wildwood)	1,517	1,529	1,270	2,129	1,771	744	-	-	-	-	-	-
Lakeway Dermatology	251	403	526	534	321	53	-	-	-	-	-	-
PFP Falconhead Retail, LLC.	1,311	1,492	933	1,241	1,311	201	-	-	-	-	-	-
TOTALS	\$ 55,997	\$ 87,764	\$ 61,725	\$ 108,089	\$ 71,295	\$ 33,150	\$ 1,792	\$ 1,147	\$ 1,060	\$ 1,175	\$ 1,464	\$ 6,883

GRAND TOTAL	\$ 450,314	\$ 526,289	\$ 517,815	\$ 617,842	\$ 544,354	\$ 395,685	\$ 306,547	\$ 330,531	\$ 312,512	\$ 316,040	\$ 315,774	\$ 384,082
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Summary of Total Billed Revenues - PUA Revenues Only

Water Utility	April	May	June	July	August	September	October	November	December	January	February	March	12 Month Total
Retail Water	\$ 1,031,936	\$ 1,239,199	\$ 1,708,583	\$ 1,908,711	\$ 2,067,122	\$ 1,630,277	\$ 986,073	\$ 822,307	\$ 827,235	\$ 791,403	\$ 768,322	\$ 828,763	\$ 14,609,932
Wholesale Water	338,314	383,319	397,175	452,805	412,107	301,719	244,152	269,715	249,989	250,523	255,383	315,206	\$ 3,870,407
TOTAL	\$ 1,370,250	\$ 1,622,518	\$ 2,105,758	\$ 2,361,516	\$ 2,479,229	\$ 1,931,996	\$ 1,230,225	\$ 1,092,022	\$ 1,077,225	\$ 1,041,926	\$ 1,023,705	\$ 1,143,970	\$ 18,480,339

Wastewater Utility	April	May	June	July	August	September	October	November	December	January	February	March	12 Month Total
Retail Wastewater	\$ 325,472	\$ 331,890	\$ 342,909	\$ 351,457	\$ 354,605	\$ 343,974	\$ 329,948	\$ 311,390	\$ 313,140	\$ 312,112	\$ 307,379	\$ 310,949	\$ 3,935,226
Wholesale Wastewater	56,003	55,206	58,915	56,948	60,952	60,817	60,603	59,669	61,462	64,342	58,926	61,992	\$ 715,836
TOTAL	\$ 381,475	\$ 387,096	\$ 401,825	\$ 408,406	\$ 415,557	\$ 404,791	\$ 390,551	\$ 371,059	\$ 374,602	\$ 376,454	\$ 366,305	\$ 372,942	\$ 4,651,062

Other	April	May	June	July	August	September	October	November	December	January	February	March	12 Month Total
Other Fees - Retail	\$ 19,651	\$ 22,380	\$ 29,606	\$ 29,038	\$ 20,760	\$ 15,703	\$ 14,550	\$ 17,582	\$ 22,352	\$ 24,349	\$ 19,838	\$ 19,593	\$ 255,403
Raw Water/Effluent	55,997	87,764	61,725	108,089	71,295	33,150	1,792	1,147	1,060	1,175	1,464	6,883	\$ 431,541
TOTAL	\$ 75,649	\$ 110,144	\$ 91,331	\$ 137,127	\$ 92,055	\$ 48,853	\$ 16,342	\$ 18,728	\$ 23,412	\$ 25,524	\$ 21,302	\$ 26,476	\$ 686,944

GRAND TOTAL	\$ 1,827,373	\$ 2,119,759	\$ 2,598,913	\$ 2,907,049	\$ 2,986,842	\$ 2,385,640	\$ 1,637,118	\$ 1,481,809	\$ 1,475,239	\$ 1,443,905	\$ 1,411,312	\$ 1,543,387	\$ 23,818,345
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Summary of Total Billed Consumption (1,000 Gallons) Water Utility

Retail Water	April	May	June	July	August	September	October	November	December	January	February	March	12 Month Total
Bee Cave	40,193	49,526	68,023	85,653	85,562	75,344	43,397	31,133	30,913	29,736	28,475	28,507	596,462
Bee Cave South	18,601	22,059	28,265	29,974	35,412	19,021	12,952	14,346	13,654	14,022	12,571	16,121	236,998
Homestead / Meadow Fox	1,253	1,368	2,250	2,120	2,428	1,913	1,037	996	1,020	1,027	953	906	17,271
HPR / 290	31,716	40,891	58,706	54,787	65,825	52,131	22,686	17,339	18,502	16,355	16,327	19,418	414,683
Total Retail	91,763	113,844	157,244	172,534	189,227	148,409	80,072	63,814	64,089	61,140	58,326	64,952	1,265,414

Wholesale Water	April	May	June	July	August	September	October	November	December	January	February	March	12 Month Total
Barton Creek West	7,813	11,794	13,399	13,600	12,462	6,202	4,748	4,293	4,860	4,457	4,200	7,500	95,328
City of Dripping Springs (Blue Blazes)	-	-	-	-	-	1	-	-	-	-	-	-	1
Headwaters	1,643	2,762	3,314	4,246	3,497	1,407	1,390	1,406	816	944	1,047	1,832	24,304
Crystal Mountain HOA	1,072	1,614	1,770	1,827	1,611	814	617	665	601	876	654	978	13,099
Deer Creek Ranch	5,237	6,852	7,088	8,776	7,087	3,812	4,038	3,644	3,346	3,601	3,460	4,577	61,518
Dripping Springs WSC	18,068	18,157	20,897	27,072	22,999	11,022	4,741	15,021	13,566	13,494	14,363	20,821	200,221
Eanes ISD	492	600	452	693	675	427	257	259	171	236	226	395	4,883
Graham Mortgage	-	-	-	-	-	-	-	-	-	-	-	-	-
Hays WCID 1	13,739	18,171	18,218	23,162	19,731	10,245	10,032	9,465	6,788	6,558	6,523	9,941	152,573
Hays WCID 2	11,163	14,031	15,190	19,993	17,703	8,038	2,116	10,454	5,472	5,587	5,840	9,681	125,268
Hudson	-	-	-	-	-	-	-	-	-	-	-	-	-
Lazy Nine 1A	10,235	11,736	12,370	14,822	14,426	21,631	5,978	5,743	5,036	5,058	5,721	9,357	122,113
Masonwood	5,268	6,924	7,401	9,752	8,529	2,757	4,517	2,723	2,683	2,481	2,820	4,379	60,234
Reunion Ranch	7,297	8,954	8,998	11,613	9,897	3,668	3,084	2,500	2,545	2,885	3,767	5,580	70,788
Senna Hills	6,444	8,454	8,834	10,554	8,474	3,996	3,270	2,999	2,898	2,752	2,678	4,490	65,843
Travis County MUD 12	14,476	16,996	16,448	20,188	16,148	8,459	5,980	5,542	4,765	4,916	5,476	10,366	129,760
Total Wholesale	102,947	127,045	134,379	166,298	143,239	82,479	50,768	64,714	53,547	53,845	56,775	89,897	1,125,933

Effluent Water	April	May	June	July	August	September	October	November	December	January	February	March	12 Month Total
Brinker Texas, LP	-	-	-	-	-	-	-	-	-	-	-	-	-
CCNG Golf, LLC.	6,923	13,484	15,017	20,729	14,611	2,256	1,946	4,737	3,711	5,843	8,850	7,329	105,436
Connell Falconhead Apartments	954	1,136	1,128	909	796	371	651	502	579	35	164	807	8,032
FH Texas Management Co. LLC.	11,625	20,286	5,046	21,611	11,012	9,178	18,539	13,199	7,859	12,991	6,812	9,483	147,641
First State Bank	4	7	5	2	2	-	-	-	-	-	-	-	20
Lake Travis ISD	134	61	104	139	473	86	436	279	258	286	284	160	2,700
Spillman Ranch Communities Inc.	2,983	2,546	3,407	3,065	3,073	2,262	2,660	459	2,663	1,826	2,445	3,061	30,450
Ash Creek Homes (Wildwood)	369	372	309	518	431	181	285	228	110	135	210	303	3,451
Embrey Partners (Estates at Bee Cave)	283	76	472	57	115	201	364	12	3	1	13	250	1,847
Lakeway Dermatology	61	98	128	130	78	13	8	11	6	-	-	16	549
PFP Falconhead Retail, LLC.	319	363	227	302	319	49	33	24	71	4	45	94	1,850
Total Wholesale	23,655	38,429	25,843	47,462	30,910	14,597	24,922	19,451	15,260	21,121	18,823	21,503	301,976

System Summary	April	May	June	July	August	September	October	November	December	January	February	March	12 Month Total
Total Retail	91,763	113,844	157,244	172,534	189,227	148,409	80,072	63,814	64,089	61,140	58,326	64,952	1,265,414
Total Wholesale	102,947	127,045	134,379	166,298	143,239	82,479	50,768	64,714	53,547	53,845	56,775	89,897	1,125,933
Effluent Water	23,655	38,429	25,843	47,462	30,910	14,597	24,922	19,451	15,260	21,121	18,823	21,503	301,976
TOTAL WATER	218,365	279,318	317,466	386,294	363,376	245,485	155,762	147,979	132,896	136,106	133,924	176,352	2,693,323

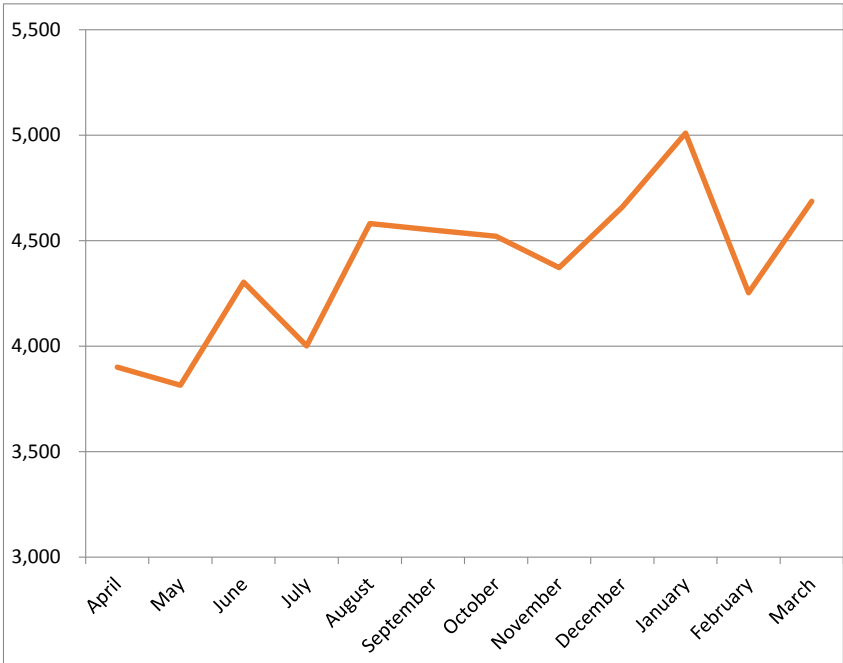
Retail Percent of Total	42%	41%	50%	45%	52%	60%	51%	43%	48%	45%	44%	37%	47%
Wholesale Percent of Total	47%	45%	42%	43%	39%	34%	33%	44%	40%	40%	42%	51%	42%



Summary of Total Billed Consumption (1,000 Gallons)
Wholesale Wastewater

Wholesale Wastewater	April	May	June	July	August	September	October	November	December	January	February	March	12 Month Total
Masonwood Wastewater	1,630	1,448	1,923	1,854	2,141	2,180	2,156	2,147	2,156	2,647	2,142	2,405	24,829
WCID 17 Wastewater	2,271	2,367	2,380	2,147	2,440	2,370	2,365	2,225	2,504	2,363	2,111	2,282	27,825
TOTALS	3,901	3,815	4,303	4,001	4,581	4,550	4,521	4,372	4,660	5,010	4,253	4,687	52,654

System Summary	April	May	June	July	August	September	October	November	December	January	February	March	12 Month Total
Total Wholesale	3,901	3,815	4,303	4,001	4,581	4,550	4,521	4,372	4,660	5,010	4,253	4,687	52,654
TOTAL WASTEWATER	3,901	3,815	4,303	4,001	4,581	4,550	4,521	4,372	4,660	5,010	4,253	4,687	52,654

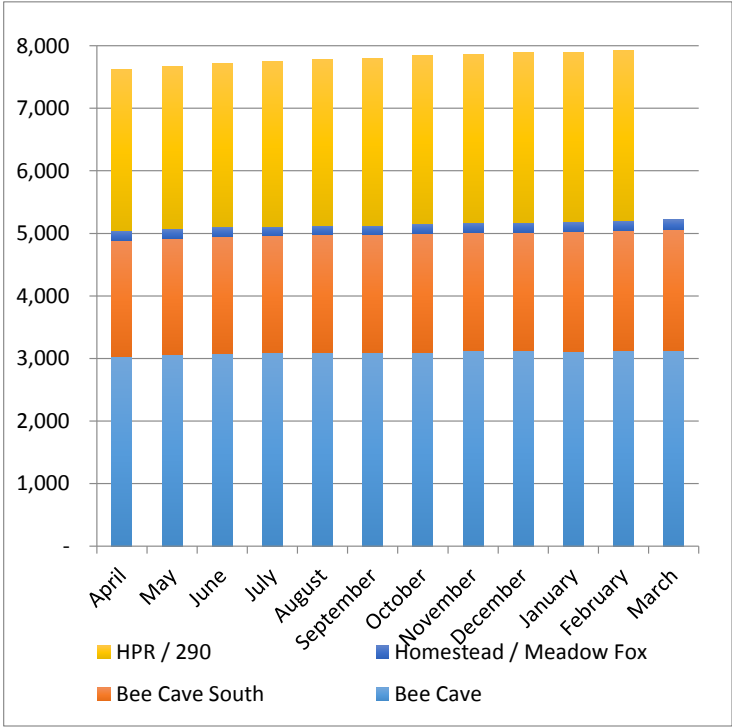




Summary of Total Retail Customer Count Water

Meters	April	May	June	July	August	September	October	November	December	January	February	March
Bee Cave	3,031	3,068	3,082	3,090	3,100	3,101	3,103	3,120	3,122	3,119	3,121	3,132
Bee Cave South	1,861	1,857	1,866	1,871	1,875	1,874	1,892	1,896	1,898	1,904	1,923	1,931
Homestead / Meadow Fox	156	156	157	156	157	157	157	158	158	159	159	159
HPR / 290	2,565	2,588	2,605	2,631	2,651	2,671	2,684	2,691	2,707	2,712	2,715	2,736
TOTALS	7,613	7,669	7,710	7,748	7,783	7,803	7,836	7,865	7,885	7,894	7,918	7,958

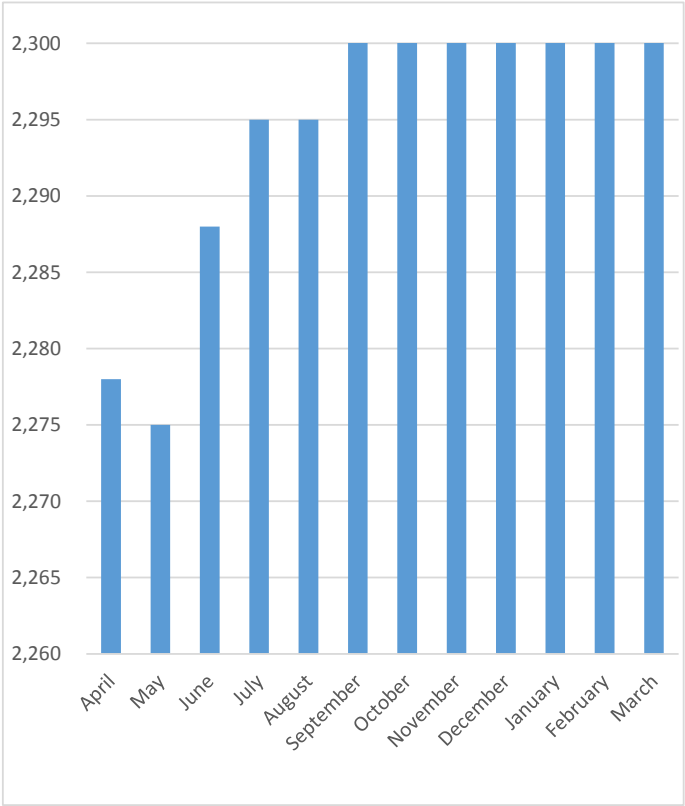
Customer Growth	39	56	41	38	35	20	33	29	20	9	24	40
Monthly Growth Rate	0.51%	0.74%	0.53%	0.49%	0.45%	0.26%	0.42%	0.37%	0.25%	0.11%	0.30%	0.51%
12 Month Growth	299	342	363	377	385	390	416	423	400	377	375	384
12 Month Growth Rate	4.08%	4.65%	4.92%	5.10%	5.19%	5.26%	5.59%	5.65%	5.32%	5.00%	4.95%	5.04%





Summary of Total Retail Customer Count
Wastewater

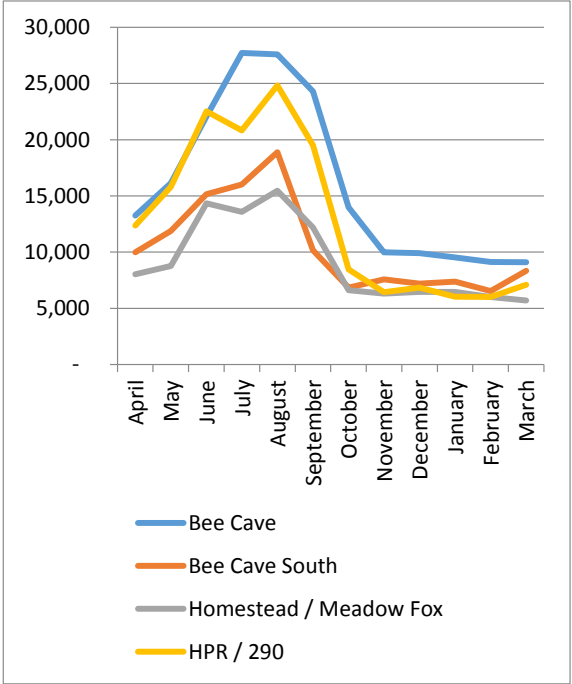
Meters	March	April	May	June	July	August	September	October	November	December	January	February	March
Wastewater Customers	2,281	2,278	2,275	2,288	2,295	2,295	2,317	2,319	2,322	2,321	2,328	2,322	2,328
Customer Growth	(3)	(3)	(3)	13	7	-	22	2	3	(1)	7	(6)	6
Monthly Growth Rate	-0.13%	-0.13%	-0.13%	0.57%	0.31%	0.00%	0.96%	0.09%	0.13%	-0.04%	0.30%	-0.26%	0.26%
12 Month Growth	55	33	34	70	77	68	70	68	67	44	56	38	47
12 Month Growth Rate	2.45%	1.47%	1.53%	3.16%	3.46%	3.03%	3.11%	3.02%	2.94%	1.94%	2.45%	1.67%	2.06%





Retail Customer Average Use Analysis
Average Water Usage per Connection, per Month (Gallons)

	March	April	May	June	July	August	September	October	November	December	January	February	March
Bee Cave	9,152	13,261	16,143	22,071	27,719	27,601	24,297	13,985	9,979	9,902	9,534	9,124	9,102
Bee Cave South	7,974	9,995	11,879	15,147	16,020	18,886	10,150	6,846	7,566	7,194	7,364	6,537	8,349
Homestead / Meadow Fox	7,038	8,032	8,769	14,331	13,590	15,465	12,185	6,605	6,304	6,456	6,459	5,994	5,698
HPR / 290	7,953	12,365	15,800	22,536	20,824	24,830	19,517	8,452	6,443	6,835	6,031	6,014	7,097
System Wide Average	8,415	12,053	14,845	20,395	22,268	24,313	19,019	10,218	8,114	8,128	7,745	7,366	8,162
12-Month Average	14,369	14,413	14,374	14,699	14,820	15,002	15,031	14,558	14,027	13,766	13,643	13,550	13,508





Retail Customer Average Use Analysis

Summary of Customer Contacts/Payment Processing

Customer Contacts	March	April	May	June	July	August	September	October	November	December	January	February	March	April
Date of	3/1-3/31	4/1-4/30	5/1-5/31	6/1-6/30	7/1-7/31	8/1-8/31	9/1-9/30	10/1-10/31	11/1-11/30	12/1-12/31	01/1-1/31	2/1-2/28	3/1-3/31	4/1-4/30
Calls	535	603	623	736	718	625	546	832	421	355	687	682	719	817
Emails	112	140	236	254	224	248	151	160	152	168	152	147	128	115
In Office	230	250	243	249	266	247	750	212	150	149	154	137	158	175
TOTALS	877	993	1,102	1,239	1,208	1,120	1,447	1,204	723	672	993	966	1,005	1,107

Payments	March	April	May	June	July	August	September	October	November	December	January	February	March	April
Date of Payments	3/1-3/31	4/1-4/30	5/1-5/31	6/1-6/30	7/1-7/31	8/1-8/31	9/1-9/30	10/1-10/31	11/1-11/30	12/1-12/31	1/1-1/31	2/1-2/28	3/1-3/31	4/1-4/30
Mail	2,068	1,466	1,396	2,194	1,915	1,886	1,802	1,798	1,833	2,203	1,645	1,805	2,164	2,037
Walk In/Dropbox Payments	350	243	283	308	331	319	288	202	183	192	182	203	197	237
Online Payments Credit Cards	378	355	334	458	418	304	340	304	308	295	372	355	434	398
Online Payments Echeck	389	346	370	465	498	471	383	471	455	429	806	413	388	493
Unreceivables	2,080	1,915	2,046	2,199	2,158	2,198	2,268	2,127	2,138	2,013	1,909	1,642	1,551	1,993
TOTALS	5,265	4,325	4,429	5,624	5,320	5,178	5,081	4,902	4,917	5,132	4,914	4,418	4,734	5,158



Retail Customer Delinquency Summary

ACCOUNTS	31-60	61-90	91+
Bee Cave	17	6	109
Bee Cave South	4	1	14
Homestead / Meadow Fox	1	-	2
290 HPR	13	1	25
TOTAL	35	8	150

DOLLARS	31-60	61-90	91+
Bee Cave	4,287	4,741	91,388
Bee Cave South	871	239	40,557
Homestead / Meadow Fox	247	-	11,806
HPR / 290	2,193	323	51,693
TOTAL	7,599	5,304	195,444

Delinquent Letters	Date Sent	Total Del
Bee Cave	28-Mar	163
Bee Cave South	18-Mar	79
Homestead / Meadow Fox	11-Mar	5
290 HPR	11-Mar	129
TOTAL		376

Disconnects	Date	How Many
Bee Cave	17-Apr	19
Bee Cave South	3-Apr	9
Homestead / Meadow Fox	27-Mar	-
HPR / 290	27-Mar	8

Still Off
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