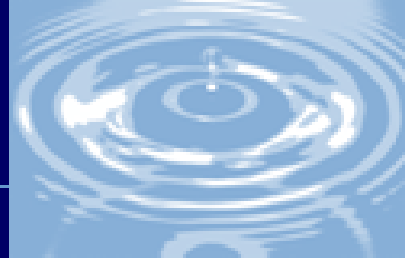


HARLINGEN WATERWORKS SYSTEM



**City of Harlingen
Waterworks System
Utility Board of Trustees
Regular Board Meeting**

**Wednesday, October 25, 2023
5:00 P.M.**

**134 E Van Buren Ave.
Harlingen, TX 78550**

**HARLINGEN WATERWORKS SYSTEM
UTILITY BOARD OF TRUSTEES
REGULAR MEETING AGENDA
Wednesday, October 25, 2023, at 5:00 P.M.
134 E. Van Buren, Harlingen, Texas – Board Room, 2nd Floor**

The Harlingen Waterworks Utility Board of Trustees reserves the right to meet in Executive Session on any agenda item should the need arise, and if applicable, pursuant to authorization by Title 5, Chapter 551 of the Texas Government Code. This is not a Meeting of the Harlingen Elective Commission; however, a quorum of the City Commission may be present.

1. OPEN MEETING AND WELCOME

2. CONFLICT OF INTEREST – *Under State law, a conflict of interest exists if a Trustee, or certain members of that person's family, has a qualifying financial interest in an agenda item. A Trustee with a conflict of interest cannot participate in the discussion nor vote on the agenda item.*

3. COMMUNICATION / INPUT FROM CUSTOMERS AND RESIDENTS OF HARLINGEN

4. APPROVAL OF MINUTES

a) From the Regular Board Meeting of September 27, 2023.

5. REPORTS AND PRESENTATIONS

a) Report on delinquent accounts exceeding \$500.

6. FINANCIALS

a) Monthly Financial Report for month ending September 30, 2023.

b) Presentation of Quarterly Investment Report for Quarter ending September 30, 2023.

7. RESOLUTIONS

a) **R2324-01:** Approving a license renewal for GIS Software and Services.

b) **R2324-02:** Awarding a contract for the purchase of Ammonia Analyzers.

c) **R2324-03:** Approving Contract Amendment No. 1 for On-Call Hydraulic Modeling Services.

8. MANAGER'S REPORTS

9. ADJOURN

I certify that a copy of this Agenda was posted on Friday, October 20, 2023, @ 5:00 PM at 134 E. Van Buren, City Hall and on the HWWS Website, and remained so posted for at least 72 hours preceding the time of said meeting.



HARLINGEN
WATERWORKS
SYSTEM



Nilda Sánchez – Board Secretary

CITY OF HARLINGEN WATERWORKS SYSTEM
Regular Board Meeting Minutes
Wednesday September 27, 2023

The Regular Board Meeting of the Utility Board of Trustees was conducted on the 27th day of September 2023 at 5:00 P.M. in the Harlingen Waterworks System's Board Room located on the second floor at 134 East Van Buren Avenue, in the City of Harlingen, Texas.

City Commissioners Present: Ford Kinsley, District 1

Board Members Present: Chris Bartnesky, Chairman
Enrique Del Angel, Vice Chairman
Michael Garza, Trustee
Michael Murphy, Trustee
Maru De La Paz, Trustee

Staff Present: Tim Skoglund, General Manager
Gene McCullough, System Attorney
Robert Canterbury, System Consultant (via videoconference)
David Sanchez, Director of Water Services
Jon Hedegard, Director of Wastewater Services
Ron De La Garza, Director of Finances
Florita Rodriguez, Customer Service Director
Michael Chamberlain, Purchasing Manager
Jose L. Rodriguez, Director of Information Technology
Elizabeth Soto, Director of Human Resources
Gabriel Trevino, Utility Engineer
Joseph Lunn, Assistant Utility Engineer

AGENDA ITEM NO. 1: OPEN MEETING AND WELCOME

Chris Bartnesky, Chairman, called the meeting to order at 5:03 P.M. and asked whether the agenda had been posted in accordance with the law; Nilda Sanchez responded affirmatively.

AGENDA ITEM NO. 2: CONFLICT OF INTEREST

Mr. Bartnesky read the conflict-of-interest disclosure and asked the Board if anyone had any known conflicts of interest for this Board Meeting. None of the trustees reported a conflict of interest.

AGENDA ITEM NO. 3: COMMUNICATION / INPUT FROM CUSTOMERS AND RESIDENTS OF HARLINGEN

None

**CITY OF HARLINGEN WATERWORKS SYSTEM
Regular Board Meeting Minutes
Wednesday September 27, 2023**

***** Out of Sequence**

AGENDA ITEM NO. 7: RESOLUTIONS

- b) R2223-66: Approving Amendment No. 1 to the engineering contract for design of the Lift Station No. 76 Upgrade and Related Conveyance Improvements.**

In consideration of a guest speaker, Ted Stawasz of STV, the agenda item was moved up.

Mr. Skoglund briefed the Board on the overloaded and critical state of Lift Station 76 conveys flow for western Harlingen, Primera, and the City of Combes.

Mr. Stawasz introduced Mr. Gil Barnett and described the overloading of the lift station, especially during heavy rainfall. Mr. Barnett reported on the evaluation of Lift Station 76 noting it was undersized and that a new lift station with higher capacity needed to be built. He presented three options, recommending option A1 that would provide four pumps and two wet-wells, no VFD's and no motorized valves. This option offered flexibility for future flows, operational cost reduction, and simple operation. A new, parallel force main would be required to convey the peak wet weather flow.

Mr. Skoglund explained that the proposed engineering contract amendment was needed to provide for the final design and construction phase services for the project. Discussion by the Board ensued.

A motion was made to approve Resolution No. R2223-66 – approving Amendment No. 1 to the engineering contract for design of the Lift Station No. 76 Upgrade and Related Conveyance Improvements.

Motion: Maru De La Paz
Second: Enrique Del Angel

AGENDA ITEM NO. 4: APPROVAL OF MINUTES – Regular Board Meeting of August 30, 2023.

With no corrections requested, a motion to approve the Board Minutes for the Regular Board Meeting of August 30, 2023, was made.

Motion: Michael Murphy
Second: Maru De La Paz

CITY OF HARLINGEN WATERWORKS SYSTEM
Regular Board Meeting Minutes
Wednesday September 27, 2023

Motion to approve was carried by a vote of the Board (5-0).

AGENDA ITEM NO. 5: REPORTS AND PRESENTATIONS

a) Report on delinquent accounts exceeding \$500.

Florita J. Rodriguez gave an overview of the delinquent accounts that were currently pending. Discussion by the Board ensued.

b) Discussion on a sewer system capacity limitation in growth areas and schedule for construction of improvements

Tim Skoglund presented the results of hydraulic modeling that accounted for several new multi-family subdivisions that had been constructed or were underway in the vicinity of Lamb Ave. and Ed Carey Blvd. The new development exceeded the growth anticipated by the Master Plan for the area.

The hydraulic modeling conducted under an on-call contract with Freese & Nichols who had developed the Waterworks conveyance Master Plan revealed that all flows for approved subdivisions could be accommodated but that any additional development would risk sewer overflows under design wet weather conditions.

Mr. Skoglund reported that Freese & Nichols had cautioned against approving additional flows to the 12-inch sewer main on Lamb Avenue and that increasing sewer capacity would depend on a series of master planned sewer system improvements starting at the wastewater treatment plant and extending upstream to Lamb Ave. and Ed Carey Blvd. However, the time required to design and construct all the prerequisite projects could be 36 months or more.

To explore temporary options to address the overloading issue much sooner than the completion of the downstream master planned projects, Staff had commissioned an additional task order to evaluate the possibility that underground equalization storage tanks could be constructed to store peak wastewater flows during heavy rainfall to alleviate the risk of overflows much the same way that a detention pond functions for storm runoff. He reported two locations where Freese & Nichols had recommended equalization storage tanks alleviating overloading.

Mr. Skoglund stated that staff would investigate the option of equalization storage tanks further to obtain sizing and construction cost estimates.

AGENDA ITEM NO. 6: FINANCIALS

a) Monthly Financial report for month ending August 31, 2023.

Ron De La Garza gave an overview of the financial reports for August 31, 2023. Discussion by the Board ensued.

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AGENDA ITEM NO. 7: RESOLUTIONS

a) R2223-65: Awarding a contract for purchase of a server cluster for the Warehouse facility.

Mr. Skoglund reported the current computer server cluster at the Warehouse was reaching the point of obsolescence. Parts, software, and support were no longer available, and a replacement was needed to ensure reliable function of critical software. Discussion by the Board ensued.

A motion was made to approve Resolution No. R2223-65 – awarding a contract for purchase of a server cluster for the Warehouse facility.

Motion: Michael Murphy
Second: Enrique Del Angel

Motion to approve was carried by a vote of the Board (5-0).

***** Out of Sequence**

AGENDA ITEM NO. 7: RESOLUTIONS

c) R2223-67: Awarding a contract for Microsoft 365 Software Licensing and Support.

Mr. Skoglund reported eight vendors submitted bids, five of which were deemed nonresponsive. Of the three qualifying vendors, Barcom of Harlingen, TX offered the third lowest cost for the software license, but that its lower hourly technical support fees would make its bid lowest over the term of the contract. Discussion by the Board ensued.

A motion was made to approve Resolution No. R2223-67 – awarding a contract for Microsoft 365 Software Licensing and Support.

Motion: Michael Garza
Second: Enrique Del Angel

Motion to approve was carried by a vote of the Board (5-0).

d) R2223-68: Approving a contract extension for Sludge Transport and Disposal Services.

Tim Skoglund gave an overview of the Waterworks' wastewater sludge disposal operations and the need for sludge transport services when sludge cannot be applied to the on-site dedicated land disposal beds because of wet conditions. Waterworks has not recently used sludge transport services, but maintaining a contract was needed as

CITY OF HARLINGEN WATERWORKS SYSTEM
Regular Board Meeting Minutes
Wednesday September 27, 2023

contingency. The proposed extension would be the second and final, one-year extension option for the contract. Discussion by the Board ensued.

A motion was made to approve Resolution No. R2223-68 – approving a contract extension for Sludge Transport and Disposal Services.

Motion: Michael Garza
Second: Maru De La Paz

Motion to approve was carried by a vote of the Board (5-0).

e) R2223-69: Awarding contracts for Supply of Fire Hydrants and Parts.

Mr. Skoglund reported two vendors submitted bids, and he recommended awarding contracts to both bidders to provide more procurement options in case the lowest price vendor would not be able to deliver on schedule. Discussion by the Board ensued.

A motion was made to approve Resolution No. R2223-69 – awarding contracts for Supply of Fire Hydrants and Parts.

Motion: Michael Murphy
Second: Enrique Del Angel

Motion to approve was carried by a vote of the Board (5-0).

f) R2223-70: Awarding a contract for Financial Advisor Services.

Mr. Ron De La Garza reported two responses had been received in response to a request for proposals for financial advisory services. Though both respondents had similar qualifications, Mr. De La Garza recommended continuing to contract with Hilltop Securities, Inc., because they had been evaluated as the highest scoring option for advisory services meeting the needs of Waterworks. Discussion by the Board ensued.

A motion was made to approve Resolution No. R2223-70 – awarding a contract for Financial Advisor Services.

Motion: Michael Garza
Second: Maru De La Paz

Motion to approve was carried by a vote of the Board (5-0).

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g) R2223-71: Approving a contract for Bond Counsel Services.

Mr. De La Garza reported a request for qualifications was advertised and four firms submitted responses. Bond Counsel Services were necessary for issuance of debt whether conventional market bonds or financing through the Texas Water Development Board.

Staff's evaluation ranked Bracewell, LLP's detailed response highest, noting the firm was well qualified and most responsive of all submittals. Mr. De La Garza stated Bracewell, LLP was Waterworks' current bond counsel who had performed well on prior bond issues and debt refinancing. Discussion by the Board ensued.

A motion was made to approve Resolution No. R2223-71 – Approving a contract for Bond Counsel Services.

Motion: Michael Murphy
Second: Michael Garza

Motion to approve was carried by a vote of the Board (5-0).

h) R2223-72: Awarding an engineering contract for Small Capital Improvement Projects in FY2024 & FY2025.

Mr. Skoglund presented a contract proposal by Robert Canterbury, P.E. for design and construction phase services for small capital improvement projects, primarily on a lump sum basis for each proposed project. Mr. Canterbury was recently retired from the Waterworks and continued to work over the past two years as a consultant under an hourly rate contract.

Mr. Skoglund informed the Board Mr. Canterbury was the best candidate for the work since he knew the system well and had proven himself highly competent and productive on the design many CIP projects during his employment and subsequent contract.

Discussion by the Board ensued, negotiating a salary cost for the proposed two-year contract. Mr. Skoglund noted that the fee representing approximately 8% of the estimated construction cost of projects was in line with typical consulting engineering fees for work of this type. Discussion by the Board continued.

Trustee Michael Garza commented that hiring local vendors would be preferred noting Mr. Canterbury currently lived out of state. A suggestion to reduce the proposed lump

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sum fees by twenty-five percent was made, and the Board agreed on amending the resolution, reducing the proposed lump sum fees by 25% as a condition of contract award.

A motion was made to approve an amended Resolution No. R2223-72 – awarding an engineering contract for Small Capital Improvement Projects in FY2024 & FY2025.

Motion: Michael Garza
Second: Enrique Del Angel

Motion to approve was carried by a vote of the Board (5-0).

i) R2223-73: Approving a policy change providing for repair of existing customer sewer service lines and taps within the public right-of-way at no charge.

Tim Skoglund reported this item had been discussed during a budget presentation at a prior meeting. He explained that customers own and have responsibility for their sewer service line from the tap at the sewer main to the customer's building plumbing. Nevertheless, under the policy in effect, any repairs in the public right-of-way were required to be performed by the Waterworks as the customer's expense.

Mr. Skoglund explained the current process whereby, after discovery of a problem requiring repair or replacement of the service line between the property line and the sewer main, the customer would have to come into the office and begin a multi-step process and pay assessed repair fees before a work order would be initiated and the repair performed by Waterworks. In some situations, two customers shared the same service line within the right-of-way leading to inequities and disputes between customers regarding payment.

Mr. Skoglund informed the Board that about \$30,000 per year in fees for these service line repairs has been collected. However, actual expenses ranged from \$75,000 to \$110,000 per year, not including labor cost. He stated that all sewer taps would eventually have to be replaced, and a significant improvement in customer service could be fairly achieved by eliminating the time-consuming requirement that customers make in-person arrangements and pay for such repairs before the Waterworks' issuance of a work order. Eliminating the payment requirement would speed up the initiation of repair work orders and reduce the time required to restore a customer's sewer service by one to several days. This waiver of sewer service repair fees would apply only to customer who were in good standing, effective October 1, 2023.

A motion was made to approve Resolution No. R2223-73 – approving a policy change providing for repair of existing customer sewer service lines and taps within the public right-of-way at no charge.

CITY OF HARLINGEN WATERWORKS SYSTEM
Regular Board Meeting Minutes
Wednesday September 27, 2023

Motion: Michael Garza
Second: Maru De La Paz

Motion to approve was carried by a vote of the Board (5-0).

AGENDA ITEM NO. 8: MANAGER'S REPORTS

Mr. Skoglund asked whether the Board had any questions about the manager's reports, and no questions were asked.

AGENDA ITEM NO. 10: ADJOURN

There being no further business to discuss, Chairman, Bartnesky, called for a motion to adjourn the meeting at 6:39 P.M.

Motion: Enrique Del Angel
Second: Michael Garza

Motion to approve was carried by a vote of the Board (5-0).

Attest: _____
Nilda Sanchez, Board Secretary

**ACTIVE DELINQUENT ACCOUNTS IN EXCESS OF \$500
September 2023**

Account Name	Address	Land Use	Garbage Amt. Due	Water/Sewer Amt. Due	Remarks	Total

ACTIVE DELINQUENT ACCOUNTS IN EXCESS OF \$500
August 2023

Account Name	Address	Land Use	Garbage Amt. Due	Water/Sewer Amt. Due	Remarks	Total
MARTINEZ, JAIME ENRIQUE	26351 HALPIN RD. #A	RES	\$ 74.00	\$ 598.00	Disonnected 7/11/2023	\$ 672.00
TOTALS			\$ 74.00	\$ 598.00		\$ 672.00

INACTIVE DELINQUENT ACCOUNTS IN EXCESS OF \$500
September 2023

Account Number	Account Name	Address	Land Use	Garbage Amt. Due	Water/Sewer Amt. Due	Disconnect Date	Remarks	Total	Lawsuit/ Lien Filed
082-0011750-000	Szumilewicz, Mark	24473 N Dilworth	RES	\$ -	\$ 731	8/4/2022	Disconnected for non payment. Customer was using approximately 50,000 gallons per month.	\$ 731	YES
012-0005680-007	Sauceda, Juana Antonia	2020 Martha	RES	\$ 134	\$ 554	6/7/2022	Disconnected for non payment. Winter average for this account was 50,000 gallons.	\$ 688	NO
008-0008680-007	Gomez, Jaime Romulo	1810 Evergreen	RES	\$ 215	\$ 356	10/6/2020	Disconnected for non payment customer had not paid in 6 1/2 months.	\$ 571	NO
031-0002842-017	Perez, Felicia	1310 Anadal	RES	\$ 148	\$ 494	10/13/2020	Disconnected for non payment customer had not paid in 8 1/2 months.	\$ 642	NO
039-0004200-003	Gonzales, Domingo	1705 Morgan Blvd	APT	\$ 2,054	\$ 316	10/5/2020	Customer requested disconnection as he sold the property. No payment 4 months.	\$ 2,370	NO
050-0002730-003	Garcia, Maria Elena	1641 Sam Houston	RES	\$ 362	\$ 216	10/13/2020	Disconnected for non payment customer had not paid in 5 1/2 months.	\$ 578	NO
054-0009150-003	Youghiogheny Communications, Inc. dba Pocket Communications	1602 W Tyler	COMM	\$ 573	\$ -	11/24/2020	Disconnected for non payment, customer had not paid in 5 months.	\$ 573	NO
055-0004620-031	Gracia, Jonathan Manasseh	414 S J	RES	\$ 304	\$ 437	10/27/2020	Disconnected for non payment, customer had not paid in 8 1/2 months.	\$ 741	NO
805-0050600-007	Estrada Jaramillo, Pablo Daniel	15971 Orange Dr	RES	\$ 113	\$ 442	10/23/2020	Customer requested disconnection, final bill was for usage of 292,200 gallons.	\$ 555	NO
825-0001900-000	Valley Traveland, Inc.	6201 W Business 83	COMM	\$ 650	\$ 86	10/20/2020	Disconnected for non payment, customer had not paid in 8 1/2 months.	\$ 736	NO
017-0004440-002	Moreno, Margarita Santana	1101 E PIERCE	RES	\$ 298	\$ 1,832	6/5/2023	Disconnected for non-payment follow up for assistance with CaCost.	\$ 2,130	NO
003-0006300-003	Sergio Rodriguez Alamilla	702 E. Monroe	APT	\$ 184	\$ 450	12/20/2022	Spoke to customer assistant. Property sold. Attempting to get in contact with customer.	\$ 634	NO
015-0005360-001	Combs A.T	1217 E Tyler	COMM	\$ 388	\$ 186	3/6/2023	Disconnected for nonpayment. Customer had not paid for 1 month. Attempted to call and no answer.	\$ 574	NO
TOTAL				\$ 5,036	\$ 6,100			\$ 11,523	

INACTIVE DELINQUENT ACCOUNTS IN EXCESS OF \$500
August 2023

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Perez, Felicia	1310 Anadal	RES	\$ 148	\$ 494	10/13/2020	Disconnected for non payment customer had not paid in 8 1/2 months.	\$ 642	NO
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Combs A.T	1217 E Tyler	COMM	\$ 388	\$ 186	3/6/2023	Disconnected for nonpayment. Customer had not paid for 1 month. Attempted to call and no answer.	\$ 574	NO
TOTAL			\$ 5,036	\$ 6,100			\$ 11,523	



**Statement of Net Assets
September 30,2023**

Current Assets

Unrestricted Cash and Investments

Operating Fund - Checking Account	\$	5,523,619.93	
Operating Fund - TexStar		23,870.47	
Operating Fund - TexPool		803,958.63	
Operating Fund - CD Investment		17,890,656.80	
Operating Fund - Money Market		94,784.61	
Operating Fund - Treasuries		799,619.08	
Contingency Funds - Checking		484,323.36	
Contingency Funds - TexStar		14,876.35	
Contingency Funds - TexPool		420,368.77	
Contingency - Money Market		901,788.21	
Contingency Funds - CD Investment		2,658,050.60	
Payroll Checking Account		1,500.00	
Working Cash		3,400.00	\$ 29,620,816.81

Restricted Cash and Investments

Customer Deposit - Checking Account		280,865.09	
Customer Deposit - TexStar		41,787.10	
Customer Deposit - Money Market		249,000.00	
Customer Deposit - CD Investment		2,649,580.02	
Customer Deposit - Treasuries		400,099.56	
Water Impact Fees - Checking		908,021.05	
Water Impact Fees - TexPool		751,621.30	
Water Impact Fees - CD Investment		-	
Water Impact Fees - Treasuries		600,149.40	
Wastewater Impact Fees - Checking		1,107,501.22	
Wastewater Impact Fees - TexPool		225,895.64	
Wastewater Impact Fees - Money Market		-	
Wastewater Impact Fees - CD Investment		1,602,814.20	
Wastewater Impact Fees - Treasuries		200,049.77	
Water Reimb / Repair / Replace - Checking		93,450.72	
Water Reimb / Repair / Replace - TexPool		164,253.85	
Water Reimb / Repair / Replace - Money Market		-	
Water Reimb / Repair / Replace - CD Invest		417,187.24	
Wastewater Reimb / Repair / Replace - TexPool		202,684.46	
Wastewater Reimb / Repair / Replace - CD Invest		149,949.17	
Debt Service Funds - TexStar		1,213,323.89	
Bond Proceeds 2015A - TexStar		-	\$ 11,258,233.68

Accounts Receivable - Utility Billing

Water		940,510.83	
Wastewater		1,075,506.49	
Allowance for Uncollectible Accounts		(47,084.68)	\$ 1,968,932.64



Statement of Net Assets
September 30,2023

Accounts Receivable Other

Customer Invoices	288,641.45		
Allowance for Uncollectible Invoices	(230,000.00)		
Credit Card Transactions	109,018.67		
NSF Checks	4,245.71		
Customer Service Deposits	-		
Other	(1,155.47)		
Interest Receivable	62,555.12		
Grants Receivable	-	\$	233,305.48

Inventories

Wastewater Materials	134,343.43		
Water Materials	556,595.60		
Miscellaneous	40,071.15		
Small Tools	2,435.98	\$	733,446.16

PrePaid Expenses

Escrow Deposit - Workers' Compensation	(17,424.77)		
Insurance	(59,197.02)		
Other	-	\$	(76,621.79)

Total Current Assets \$ 43,738,112.98

Noncurrent Assets

Net Pension Asset 157,533.00

Capital Assets

Utility Plant in Service	210,383,704.80		
Accumulated Depreciation	(135,120,874.37)		
Construction in Process	8,502,436.89		
Capitalized Interest	-	\$	83,765,267.32

Total Noncurrent Assets \$ 83,922,800.32

Total Assets \$ 127,660,913.30

Deferred Outflows

Deferred Amount on Bonds	99,307.26		
Deferred Pension Contributions	472,166.47		
Deferred Pension Investment Earnings	476,796.00		
Deferred Pension Experience vs Assumptions	-		
Deferred Change in Assumptions	93,222.00		
Deferred Retiree Health Insurance Contributions	274,208.13		
Deferred Change in Assumptions Retiree Ins	426,389.00		
Deferred Charges Death Benefit OPEB	13,155.04		
Deferred Changes Assump Death Benefit OPEB	124,338.00	\$	1,979,581.90

Total Assets and Deferred Outflows \$ 129,640,495.20



Current Liabilities

Accounts payable - trade \$ 1,044,289.13

Due to City of Harlingen

Garbage Service Collections 84,290.17
Other - \$ 84,290.17

Payroll Liabilities

Accrued Wages 212,156.51
Federal Income Tax 17,615.35
Social Security and Medicare Taxes 42,762.80
Texas Employment Commission Tax 78.15
Worker's Compensation Insurance 13,577.34
Employee Retirement 147,970.78
Other Deductions 11,982.04 \$ 446,142.97

Other Current Liabilities

Retainage (Contractor funds withheld) 178,863.55
Escrow Deposit - Subdividers 154,500.13
Customer Deposit Refunds 92,355.72
Unclaimed Customer Refunds 16,416.02
Other 14,622.47 \$ 456,757.89

Payable from Restricted Assets

Accrued Interest \$ 219,229.23

Total Currents Liabilites \$ 2,250,709.39



Statement of Net Assets
September 30,2023

Noncurrent Liabilities

Bonds - Long Term	\$	15,345,000.00	
Bond Premium / Discount		364,756.70	
Vacation Accrual Liability		361,705.09	
Sick Time Accrual Liability		451,978.53	
Retiree Health Care Liability		9,901,949.00	
Retiree Health Benefits Liability		761,947.00	
Net Pension Liability		-	\$ 27,187,336.32

Payable from Restricted Assets

Customer Deposits			3,574,526.82
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Total Noncurrent Liabilities			\$ 30,761,863.14
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Total Liabilities			\$ 33,012,572.53
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Deferred Inflows of Resources

Deferred Pension Investment Experience		2,210,347.00	
Deferred Pension Expenses vs Assumptions		67,771.00	
Deferred OPEB Healthcare Diff Exper		-	
Deferred OPEB Healthcare Chg Assump		1,086,796.00	
Deferred Death Benefits Diff in Exp		4,430.00	
Deferred Death Benefits Chng Assumpt		19,957.00	

Total Liabilities and Deferred Inflows			\$ 36,401,873.53
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Net Assets (Assets Less Liabilities)			\$ 93,238,621.67
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CITY OF HARLINGEN WATERWORKS SYSTEM

Statement of Cash Flows

Year-to-Date as of the Fiscal Period Ended September 30, 2023

Cash Flows From Operating Activities

Receipts from customers	\$ 26,078,042
Payments to suppliers	(7,689,227)
Payments to or on behalf of employees	<u>(9,825,207)</u>
Net cash provided by operating activities	<u>8,563,608</u>

Cash Flows From Capital and Related Financing Activities

Acquisition and construction of capital assets	(6,422,333)
Proceeds from impact fees	1,025,058
Principal paid on revenue bonds	(1,025,000)
Interest and fees paid on revenue bonds	<u>(544,876)</u>
Net cash used by capital and related financing activities	<u>(6,967,151)</u>

Cash Flows From Investing Activities

Investment earnings	<u>1,489,651</u>
Increase in cash and investments	3,086,108
Cash and investments - beginning of year	<u>37,792,943</u>
Cash and cash equivalents - September 30, 2023	<u><u>\$ 40,879,051</u></u>

Reconciliation of operating income to net cash provided by operating activities

Operating income	\$ 10,715
Adjustments to reconcile operating income to net cash provided by operating activities	
Depreciation expense	3,786,539
Non-operating revenue	2,020,942
Changes in assets and liabilities	
(Increase) decrease in receivables, net	1,900,129
(Increase) decrease in inventory	(73,996)
(Increase) decrease in prepaid expenses	55,491
Increase (decrease) in accounts payable	271,857
Increase (decrease) in due to primary government	(80,477)
Increase (decrease) in other liabilities	503,049
Increase (decrease) in OPEB related deferred inflows	(1,454,153)
Increase (decrease) in restricted liabilities	<u>169,359</u>
Net cash provided by operating activities	<u><u>\$ 7,109,455</u></u>

Reconciliation of total cash and investments

	<u>09/30/22</u>	<u>Incr (Decr)</u>	<u>9/30/23</u>
Unrestricted cash and investments	\$ 28,184,739	\$ 1,436,078	\$ 29,620,817
Restricted cash and investments	9,608,204	1,650,030	11,258,234
Total cash and investments	<u><u>\$ 37,792,943</u></u>	<u><u>\$ 3,086,108</u></u>	<u><u>\$ 40,879,051</u></u>



**City of Harlingen Waterworks System
Statement of Revenues and Expenses
Water Operations**

For the Twelve-Month Period Ended Sep 30, 2023

	Actual September FY 2023	Actual September FY 2022	YTD Actual FY 2023	YTD Actual FY 2022	Positive (Negative) Variance	Total Budget FY 2023	Target Budget FY 2023	Positive (Negative) Variance
Operating Revenues:								
Base Charges	263,024.99	259,269.20	3,140,251.99	3,100,733.57	39,518.42	3,094,983	3,094,983	45,268.99
Net Service Revenue	734,156.91	473,726.65	6,293,104.00	6,105,794.46	187,309.54	6,181,806	6,181,806	111,298.00
Water Sales Combes	11,674.17	8,499.83	137,059.65	110,809.32	26,250.33	105,589	105,589	31,470.65
Sales East Rio Hondo	4,950.00	6,237.33	68,346.97	64,038.20	4,308.77	61,375	61,375	6,971.97
Sales Palm Valley	34,064.91	21,000.05	291,596.45	240,958.60	50,637.85	216,950	216,950	74,646.45
Sales Military Highway	16,162.75	6,058.15	106,182.90	87,130.35	19,052.55	81,138	81,138	25,044.90
Water Sales Primera	23,642.20	19,443.44	254,873.13	251,548.70	3,324.43	240,000	240,000	14,873.13
Customer Penalties	12,340.69	12,460.14	126,239.84	131,526.88	(5,287.04)	142,697	142,697	(16,457.16)
Service Fees	6,190.00	6,310.00	76,335.38	72,397.50	3,937.88	77,891	77,891	(1,555.62)
Disconnect Fees	14,630.00	15,795.00	175,954.60	201,569.18	(25,614.58)	211,418	211,418	(35,463.40)
Fuel Adjustment	30,971.19	21,248.60	275,518.27	261,311.65	14,206.62	262,520	262,520	12,998.27
Total Operating Revenue:	\$ 1,151,807.81	\$ 850,048.39	\$ 10,945,463.18	\$ 10,627,818.41	\$ 317,644.77	\$ 10,676,367	\$ 10,676,367	\$ 269,096.18
Operating & Maintenance Expense:								
Personnel Services	629,254.46	988,917.77	5,318,773.53	5,174,224.73	(144,548.80)	5,892,050	5,892,050	573,276.47
Contractual Services	195,414.81	186,420.01	2,209,193.04	2,283,444.14	74,251.10	2,551,640	2,551,640	342,446.96
Maintenance & Supplies	391,801.50	281,536.65	2,973,315.30	2,318,604.41	(654,710.89)	2,984,992	2,984,992	11,676.70
Other Expenses	9,818.83	(17,771.36)	75,714.44	54,208.66	(21,505.78)	116,800	116,800	41,085.56
O&M Expenses Before Depreciation	\$ 1,226,289.60	\$ 1,439,103.07	\$ 10,576,996.31	\$ 9,830,481.94	\$ (746,514.37)	\$ 11,545,482	\$ 11,545,482	\$ 968,485.69
Net Income - (LOSS) before Depreciation	\$ (74,481.79)	\$ (589,054.68)	\$ 368,466.87	\$ 797,336.47	\$ (428,869.60)	\$ (869,115)	\$ (869,115)	\$ 1,237,581.87
Depreciation Expense	185,147.43	184,690.56	1,987,351.37	1,878,364.87	(108,986.50)	1,682,394	1,682,394	(304,957.37)
Net Operating Income - (LOSS)	\$ (259,629.22)	\$ (773,745.24)	\$ (1,618,884.50)	\$ (1,081,028.40)	\$ (537,856.10)	\$ (2,551,509.00)	\$ (2,551,509.00)	\$ 932,624.50
Plus Non-Operating Revenue:								
Impact Fees - Water	31,841.00	33,640.00	452,176.42	514,003.00	(61,826.58)	251,390	251,390	200,786.42
Tap Fees	5,025.00	8,498.60	91,056.89	111,690.82	(20,633.93)	60,000	60,000	31,056.89
Inspection Fees	3,963.45	-	17,634.18	16,273.60	1,360.58	10,000	10,000	7,634.18
Tie in Charges	3,208.50	511.50	32,726.04	23,267.65	9,458.39	20,000	20,000	12,726.04
Garbage Billing Fee	3,125.00	3,125.00	37,500.00	37,500.00	-	37,500	37,500	-
Rental Income	7,644.88	4,134.88	43,670.28	44,969.52	(1,299.24)	44,620	44,620	(949.72)
Other Revenue	-	-	26,357.31	2,356.02	24,001.29	2,500.00	2,500.00	23,857.31
Work for Others	467.60	829.13	11,991.06	5,623.91	6,367.15	12,745	12,745	(753.94)
Interest Earnings	89,176.54	26,501.57	783,737.67	98,856.99	684,880.68	50,000	50,000	733,737.67
Miscellaneous Revenue	13,555.30	2,279.51	33,958.40	56,010.06	(22,051.66)	24,000	24,000	9,958.40
Backflow Prevention Revenue	4,455.00	2,950.00	39,130.00	31,590.00	7,540.00	29,896	29,896	9,234.00
Loss Surplus & Obsolete Assets	-	-	-	25,447.36	(25,447.36)	10,000	10,000	(10,000.00)
Lease of Water Rights	-	-	12,000.00	-	12,000.00	-	-	12,000.00
Intergovernmental Revenue	-	255,262.67	-	255,262.67	(255,262.67)	-	-	-
Contributed Assets	-	100,563.65	161,496.00	956,459.65	(794,963.65)	-	-	161,496.00
Total Non-Operating Revenue:	\$ 162,462.27	\$ 438,296.51	\$ 1,743,434.25	\$ 2,179,311.25	\$ (435,877.00)	\$ 552,651	\$ 552,651	\$ 1,190,783.25
Less: Non-Operating Expense								
Bond Interest Expense	20,476.93	21,840.18	243,362.38	259,679.93	16,317.55	243,863	243,863	500.62
Total Non-Operating Expense	\$ 20,476.93	\$ 21,840.18	\$ 243,362.38	\$ 259,679.93	\$ 16,317.55	\$ 243,863	\$ 243,863	\$ 500.62
Water Net Income - (Loss)	\$ (117,643.88)	\$ (357,288.91)	\$ (118,812.63)	\$ 838,602.92	\$ (957,415.55)	\$ (2,242,721)	\$ (2,242,721)	\$ 2,123,908.37



**City of Harlingen Waterworks System
Statement of Revenues and Expenses
Wastewater Operations**

For the Twelve-Month Period Ended Sep 30, 2023

	Actual September FY 2023	Actual September FY 2022	YTD Actual FY 2023	YTD Actual FY 2022	Positive (Negative) Variance	Total Budget FY 2023	Target Budget FY 2023	Positive (Negative) Variance
Operating Revenues								
Base Charges	173,134.06	171,194.49	2,071,055.60	2,048,939.43	22,116.17	2,044,117	2,044,117	26,938.60
Net Service Revenue	788,702.13	663,363.81	8,160,868.93	8,061,491.70	99,377.23	7,433,622	7,433,622	727,246.93
Customer Penalties	13,847.19	13,081.18	148,341.29	148,990.69	(649.40)	156,606	156,606	(8,264.71)
Fuel Adjustments	23,721.19	20,049.27	245,186.33	242,231.89	2,954.44	225,636	225,636	19,550.33
Pretreatment Testing Fees	1,572.76	1,191.08	11,982.07	9,744.72	2,237.35	13,909	13,909	(1,926.93)
Industrial Surcharge Fees	9,187.42	13,401.06	156,288.69	127,653.55	28,635.14	128,533	128,533	27,755.69
Wastewater Meter Sales Combes	15,429.15	16,088.80	206,698.08	211,525.10	(4,827.02)	190,606	190,606	16,092.08
Wastewater Meter Sales Primera	9,120.14	11,446.40	122,204.60	147,320.81	(25,116.21)	142,182	142,182	(19,977.40)
Total Revenue	\$ 1,034,714.04	\$ 909,816.09	\$ 11,122,625.59	\$ 10,997,897.89	\$ 124,727.70	\$ 10,335,211	\$ 10,335,211	\$ 787,414.59
Operating & Maintenance Expense								
Personnel Services	580,761.80	1,048,712.38	5,038,736.64	5,414,372.08	375,635.44	5,088,371	5,088,371	49,634.36
Contractual Services	61,670.42	93,492.40	867,642.16	920,861.74	53,219.58	1,248,420	1,248,420	380,777.84
Maintenance & Supplies	121,997.81	125,684.48	1,716,440.36	1,524,494.47	(191,945.89)	2,114,100	2,114,100	397,659.64
Other Expenses	10,535.87	8,013.71	71,019.30	81,160.83	10,141.53	117,650	117,650	46,630.70
O&M Expenses Before Depreciation	\$ 774,965.90	\$ 1,275,902.97	\$ 7,693,838.46	\$ 7,940,889.12	\$ 247,050.66	\$ 8,568,541	\$ 8,568,541	\$ 874,702.54
Net Income - (LOSS) before Depreciation	\$ 259,748.14	\$ (366,086.88)	\$ 3,428,787.13	\$ 3,057,008.77	\$ 371,778.36	\$ 1,766,670.0	\$ 1,766,670.0	\$ 1,662,117.13
Depreciation Expense	186,216.66	177,436.50	1,799,187.87	2,106,800.83	307,612.96	2,023,390	2,023,390	224,202.13
Net Operating Income - (Loss)	\$ 73,531.48	\$ (543,523.38)	\$ 1,629,599.26	\$ 950,207.94	\$ 679,391	\$ (256,720)	\$ (256,720)	\$ 1,886,319.26
Plus Non-Operating Revenue								
Impact Fees - Wastewater	29,977.00	43,173.00	572,882.00	679,763.00	(106,881.00)	328,778	328,778	244,104.00
Tap Fees	1,250.00	2,142.70	34,956.70	24,667.70	10,289.00	20,000	20,000	14,956.70
Inspection Fees	4,138.45	726.40	23,005.09	19,889.00	3,116.09	20,000	20,000	3,005.09
Tie In Charges	13,571.56	-	133,929.43	130,770.58	3,158.85	30,000	30,000	103,929.43
Garbage Billing Fee	3,125.00	3,125.00	37,500.00	37,500.00	-	37,500	37,500	-
Rental Income	7,644.87	4,134.87	43,670.25	45,669.48	(1,999.23)	44,619	44,619	(948.75)
Other Revenue	-	-	-	1,604.66	(1,604.66)	-	-	-
Work for Others	-	5,327.32	18,448.00	10,383.84	8,064.16	12,000	12,000	6,448.00
Interest Earnings	87,360.61	28,584.24	765,926.11	100,905.52	665,020.59	50,000	50,000	715,926.11
Miscellaneous Revenue	17,468.33	15,690.21	222,917.17	277,221.94	(54,304.77)	122,000	122,000	100,917.17
Loss Surplus & Obsolete Assets	-	-	-	32,215.99	(32,215.99)	5,000	5,000	(5,000.00)
Intergovernmental Revenue	-	1,686,190.39	739,270.08	1,686,190.39	(946,920.31)	-	-	739,270.08
Contributed Assets	-	-	259,725.00	815,189.00	(555,464.00)	-	-	259,725.00
Total Non-Operating Revenue	\$ 164,535.82	\$ 1,789,094.13	\$ 2,852,229.83	\$ 3,861,971.10	\$ (1,009,741.27)	\$ 669,897	\$ 669,897	\$ 2,182,332.83
Less: Non-Operating Expense								
Bond Interest Expense	20,476.91	21,840.16	243,362.14	259,679.69	16,317.55	243,862	243,862	499.86
Total Non-Operating Expense	\$ 20,476.91	\$ 21,840.16	\$ 243,362.14	\$ 259,679.69	\$ 16,317.55	\$ 243,862	\$ 243,862	\$ 499.86
WasteWater Net Income - (Loss)	\$ 217,590.39	\$ 1,223,730.59	\$ 4,238,466.95	\$ 4,552,499.35	\$ (314,032.40)	\$ 169,315	\$ 169,315	\$ 4,069,151.95



**City of Harlingen WaterWorks System
Statement of Revenues and Expenses
Combined Operations
For the Twelve-Month Period Ended Sep 30, 2023**

	Actual September FY 2023	Actual September FY 2022	YTD Actual FY 2023	YTD Actual FY 2022	Positive (Negative) Variance	Total Budget FY 2023	Target Budget FY 2023	Positive (Negative) Variance
Operating Revenues:								
Base Charges	436,159.05	430,463.69	5,211,307.59	5,149,673.00	61,634.59	5,139,100	5,139,100	72,207.59
Net Service Revenue	1,522,859.04	1,137,090.46	14,453,972.93	14,167,286.16	286,686.77	13,615,428	13,615,428	838,544.93
Water Sales Combes	11,674.17	8,499.83	137,059.65	110,809.32	26,250.33	105,589	105,589	31,470.65
Sales East Rio Hondo	4,950.00	6,237.33	68,346.97	64,038.20	4,308.77	61,375	61,375	6,971.97
Sales Palm Valley	34,064.91	21,000.05	291,596.45	240,958.60	50,637.85	216,950	216,950	74,646.45
Sales Military Highway	16,162.75	6,058.15	106,182.90	87,130.35	19,052.55	81,138	81,138	25,044.90
Water Sales Primera	23,642.20	19,443.44	254,873.13	251,548.70	3,324.43	240,000	240,000	14,873.13
Customer Penalties	26,187.88	25,541.32	274,581.13	280,517.57	(5,936.44)	299,303	299,303	(24,721.87)
Service Fees	6,190.00	6,310.00	76,335.38	72,397.50	3,937.88	77,891	77,891	(1,555.62)
Disconnect Fees	14,630.00	15,795.00	175,954.60	201,569.18	(25,614.58)	211,418	211,418	(35,463.40)
Fuel Adjustment	54,692.38	41,297.87	520,704.60	503,543.54	17,161.06	488,156	488,156	32,548.60
Pretreatment Testing Fees	1,572.76	1,191.08	11,982.07	9,744.72	2,237.35	13,909	13,909	(1,926.93)
Industrial Surcharge Fees	9,187.42	13,401.06	156,288.69	127,653.55	28,635.14	128,533	128,533	27,755.69
WW Meter Sales Combes	15,429.15	16,088.80	206,698.08	211,525.10	(4,827.02)	190,606	190,606	16,092.08
WW Meter Sales Primera	9,120.14	11,446.40	122,204.60	147,320.81	(25,116.21)	142,182	142,182	(19,977.40)
Total Operating Revenue:	\$ 2,186,521.85	\$ 1,759,864.48	\$ 22,068,088.77	\$ 21,625,716.30	\$ 442,372.47	\$ 21,011,578	\$ 21,011,578	\$ 1,056,510.77
Operating & Maintenance Expense:								
Personnel Services	1,210,016.26	2,037,630.15	10,357,510.17	10,588,596.81	231,086.64	10,980,421	10,980,421	622,910.83
Contractual Services	257,085.23	279,912.41	3,076,835.20	3,204,305.88	127,470.68	3,800,060	3,800,060	723,224.80
Maintenance & Supplies	513,799.31	407,221.13	4,689,755.66	3,843,098.88	(846,656.78)	5,099,092	5,099,092	409,336.34
Other Expenses	20,354.70	(9,757.65)	146,733.74	135,369.49	(11,364.25)	234,450	234,450	87,716.26
O&M Expenses Before Depreciation	\$ 2,001,255.50	\$ 2,715,006.04	\$ 18,270,834.77	\$ 17,771,371.06	\$ (499,463.71)	\$ 20,114,023	\$ 20,114,023	\$ 1,843,188.23
Net Income - (LOSS) before Depreciation	\$ 185,266.35	\$ (955,141.56)	\$ 3,797,254.00	\$ 3,854,345.24	\$ (57,091.24)	\$ 897,555	\$ 897,555	\$ 2,899,699.00
Depreciation Expense	371,364.09	362,127.06	3,786,539.24	3,985,165.70	198,626.46	3,705,784	3,705,784	(80,755.24)
Net Operating Income - (LOSS)	\$ (186,097.74)	\$ (1,317,268.62)	\$ 10,714.76	\$ (130,820.46)	\$ 141,535.22	\$ (2,808,229.00)	\$ (2,808,229.00)	\$ 2,818,943.76
Plus Non-Operating Revenue:								
Impact Fees - Water	31,841.00	33,640.00	452,176.42	514,003.00	(61,826.58)	251,390	251,390	200,786.42
Impact Fees - Wastewater	29,977.00	43,173.00	572,882.00	679,763.00	(106,881.00)	328,778	328,778	244,104.00
Tap Fees	6,275.00	10,641.30	126,013.59	136,358.52	(10,344.93)	80,000	80,000	46,013.59
Inspection Fees	8,101.90	726.40	40,639.27	36,162.60	4,476.67	30,000	30,000	10,639.27
Tie in Charges	16,780.06	511.50	166,655.47	154,038.23	12,617.24	50,000	50,000	116,655.47
Garbage Billing Fee	6,250.00	6,250.00	75,000.00	75,000.00	-	75,000	75,000	-
Rental Income	15,289.75	8,269.75	87,340.53	90,639.00	(3,298.47)	89,239	89,239	(1,898.47)
Other Revenue	-	-	26,357.31	3,960.68	22,396.63	2,500	2,500	23,857.31
Work for Others	467.60	6,156.45	30,439.06	16,007.75	14,431.31	24,745	24,745	5,694.06
Interest Earnings	176,537.15	55,085.81	1,549,663.78	199,762.51	1,349,901.27	100,000	100,000	1,449,663.78
Miscellaneous Revenue	31,023.63	17,969.72	256,875.57	333,232.00	(76,356.43)	146,000	146,000	110,875.57
Backflow Prevention Revenue	4,455.00	2,950.00	39,130.00	31,590.00	7,540.00	29,896	29,896	9,234.00
Loss Surplus & Obsolete Assets	-	-	-	57,663.35	(57,663.35)	15,000	15,000	(15,000.00)
Lease of Water Rights	-	-	12,000.00	-	12,000.00	-	-	12,000.00
Intergovernmental Revenue	-	1,941,453.06	739,270.08	1,941,453.06	(1,202,182.98)	-	-	739,270.08
Contributed Assets	-	100,563.65	421,221.00	1,771,648.65	(1,350,427.65)	-	-	421,221.00
Total Non-Operating Revenue:	\$ 326,998.09	\$ 2,227,390.64	\$ 4,595,664.08	\$ 6,041,282.35	\$ (1,445,618.27)	\$ 1,222,548	\$ 1,222,548	\$ 3,373,116.08
Less: Non-Operating Expense								
Bond Interest Expense	40,953.84	43,680.34	486,724.52	519,359.62	32,635.10	487,725	487,725	1,000.48
Total Non-Operating Expense	\$ 40,953.84	\$ 43,680.34	\$ 486,724.52	\$ 519,359.62	\$ 32,635.10	\$ 487,725	\$ 487,725	\$ 1,000.48
Combined Net Income - (Loss)	\$ 99,946.51	\$ 866,441.68	\$ 4,119,654.32	\$ 5,391,102.27	\$ (1,271,447.95)	\$ (2,073,406)	\$ (2,073,406)	\$ 6,193,060.32

City of Harlingen Waterworks System
Analysis of Current Investments
For the Month Ended September 30, 2023

DESCRIPTION	TEXPOOL	TEXSTAR	Certificates of Deposit	Money Market Accounts	Treasuries Investments	PCB Bank	TOTAL
	Local Gov't Investment Pool	Local Gov't Investment Pool					
Unrestricted Funds							
Revenue Fund	\$ 803,959	\$ 23,870	\$ 17,890,657	\$ 94,785	\$ 799,619	\$ 5,527,020	\$ 25,139,910
Payroll	-	-	-	-	-	1,500	1,500
Contingency Funds	420,369	14,876	2,658,051	901,788	-	484,323	4,479,407
Total Unrestricted Funds	1,224,327	38,747	20,548,707	996,573	799,619	6,012,843	29,620,817
Restricted Funds							
Bond Debt Service Funds	-	1,213,324	-	-	-	-	1,213,324
Customer Deposits	-	41,787	2,649,580	249,000	400,100	280,865	3,621,332
Sewer Impact Fees	225,896	-	1,602,814	-	200,050	1,107,501	3,136,261
Water Impact Fees	751,621	-	-	-	600,149	908,021	2,259,792
Sewer Reimb/Repair/Replace	202,684	-	149,949	-	-	-	352,634
Water Reimb/Repair/Replace	164,254	-	417,187	-	-	93,451	674,892
Total Restricted Funds	1,344,455	1,255,111	4,819,531	249,000	1,200,299	2,389,838	11,258,234
Total - Book Value	\$ 2,568,783	\$ 1,293,858	\$ 25,368,238	\$ 1,245,573	\$ 1,999,918	\$ 8,402,681	\$ 40,879,050
Percentage of Portfolio	6.0%	3.0%	62.0%	3.0%	5.0%	21.0%	100.0%
Current Market Value	\$ 2,568,783	\$ 1,293,858	\$ 25,368,238	\$ 1,245,573	\$ 1,999,918	\$ 8,402,681	\$ 40,879,050
Unrealized Gain (Loss)	-	-	-	-	-	-	-
Current Yield	5.3218%	5.3105%	5.2072%	5.5000%	4.6590%	5.1077%	5.1451%
Interest Earned	\$ 11,187	\$ 5,432	\$ 97,180	\$ 5,468	\$ 15,221	\$ 42,049	\$ 176,537

Financial Institution	Purchase Date	Maturity Date	Certificates of Deposit		
			Amount	Interest Rate	CD #
East West Bank	7/21/2023	10/23/2023	\$ 1,011,386	5.74%	172818221
Veritex Bank	12/20/2022	12/20/2023	2,074,316	4.87%	9009005127
East West Bank	9/26/2023	12/20/2023	1,000,798	5.82%	172533615
Veritex Bank	1/24/2023	1/27/2024	2,581,701	4.84%	9009005166
East West Bank	2/16/2023	2/16/2024	1,547,566	5.02%	172794960
East West Bank	8/23/2023	2/26/2024	1,509,195	5.72%	172538392
BOK Fincial	3/23/2023	3/21/2024	1,538,996	4.88%	1026943864
East West Bank	9/26/2023	3/21/2024	1,501,176	5.72%	172089328
East West Bank	4/20/2023	4/22/2024	1,022,535	4.96%	172903009
BOK Fincial	5/18/2023	5/16/2024	1,000,000	5.06%	1027228085
East West Bank	8/23/2023	5/16/2024	1,509,018	5.61%	172246001
Third Coast Bank	6/28/2023	6/30/2024	1,521,173	5.60%	6000059045
Third Coast Bank	6/28/2023	6/30/2024	2,028,230	5.60%	6000059078
East West Bank	7/21/2023	7/22/2024	1,010,848	5.47%	172145442
Bank OZK	8/23/2023	8/23/2024	2,009,381	5.51%	6902131506
East West Bank	9/26/2023	9/20/2024	2,501,922	5.61%	172086683
Balance			\$ 25,368,238		

**CITY OF HARLINGEN WATERWORKS SYSTEM
CAPITAL OUTLAY REPORT
SEP 31, 2023**

DESCRIPTION	FY 2023 Expense 9/30/23	Purchase Orders 9/30/23	FY 2023 Adopted Budget	FY 2023 Budget Balance	FY 2023 Cash Requirement	Status
Proj Capital Improvement Program						
415 WATER RIGHTS	\$ 817,800	\$ -	\$ 600,000	\$ (217,800)	\$ -	Pending
544 MO PARKNG LOT PROP A	18	55,258	-	(55,276)	55,258	Follow Up w/Attorney
064 YARD IMPROVEMENTS WH	31,739	-	1,600,000	1,568,262	1,568,262	Ongoing
455 VAN BUREN STRUCTURAL REPAIRS	-	-	2,173,000	2,173,000	2,173,000	Pending
459 VAN BUREN OFFICE REMODEL	-	-	100,000	100,000	100,000	Pending
460 VAN BUREN LOBBY SECURITY RENOV	-	-	400,000	400,000	400,000	Pending
025 RAW WATER INTAKE REHAB - DT	79,496	608,299	800,000	112,205	720,504	Design phase
110 DT WTP SLUDGE MANAGEMENT	92,440	-	125,000	32,560	32,560	Design phase
502 ACTIFLOW TUBE SETTLER REPLACE	50,000	-	120,000	70,000	70,000	Pending
450 MFR WTP SLUDGE MANAGEMENT	333	-	125,000	124,667	124,667	finalize review of draft report
503 PIER REPLACEMENT MFR WATER PLT	-	-	250,000	250,000	250,000	Pending
063 MISC WATER LINE INTE	1,355	13,950	280,000	264,696	278,646	Drfat plan reviewed
447 DEVELOPER PARTICIPAT	-	-	500,000	500,000	500,000	Pending
451 WTR METER UPGRADES > 3 IN	102,162	70	1,345,000	1,242,768	1,242,838	Complete
452 AMI SMART METER IMPLEMENTATION	25,072	-	350,000	324,928	324,928	Consulting Services In Process
454 WTR METER < 3" REPLACE 3,000 HWWS	113,888	-	260,000	146,112	146,112	Ongoing
504 LEAD SERVICE LINE SURVEY	-	-	3,500,000	3,500,000	3,500,000	Pending
505 FIRE TRAIN W/LINE EXT & HYDRAN	-	-	60,000	60,000	60,000	Pending
028 LIFT STATION 25 REHABILITATION	321,043	39,852	268,000	(92,895)	39,852	Complete
030 WWTP HEADWORKS, EQ BASIN, LS	82,409	127,309	1,400,000	1,190,282	1,317,591	Pending
068 PRIORITY SEWER RENEW PROJ PKG	1,824,996	4,039,654	5,523,000	(341,650)	4,039,654	Pending
070 LIFT STATION 76 PUMP UPGRADE	97,697	50,000	3,000,000	2,852,303	2,902,303	Pending
112 LIFT STATION 5 REHABILITATION	24,405	122,698	356,000	208,897	331,595	Pending
421 WW MANHOLE REHABILITATION	501,917	-	300,000	(201,917)	-	Pending
438 DEVELOPER PARTICIPATION	-	-	500,000	500,000	500,000	Pending
506 LITTLE CREEK INTERCEPR REPLACE	53,800	93,340	2,215,000	2,067,860	2,161,200	Pending
507 OSBORN INTER, L/S 53.54 ELIMIN	-	-	882,000	882,000	882,000	Pending
508 LIFT STATION 55 REPLACEMENT	-	-	288,000	288,000	288,000	Pending
437 WW SLUDGE DEWATERING FACILITY	487,856	83,184	573,000	1,960	85,144	Bldg, Foundation 89%, Flow Meter Purchased
501 WWTP LAND ACQUISITION	25,011	16,750	500,000	458,240	474,990	Property Appraisal Services In Process
029 LIFT STATION 59 REHAB	11,360	-	-	(11,360)	-	Pending
066 GENERATORS-LS	55,303	(55,258)	-	(45)	(55,258)	Pending
590 LIFT STATION 33 REPL	2,985	-	-	(2,985)	-	Pending
Total Capital Improvement Program	4,803,085	5,195,106	28,393,000	18,397,840	24,569,102	
Proj Operating Capital						
514 1/2-TON SERVICE TRUCKS (3)	80,440	-	75,000	(5,440)	-	complete
086 DATA COMMUNICATIONS	14,049	-	15,000	951	-	Complete
089 ERP SOFTWARE	18,173	2,500	400,000	379,327	381,827	Pending
515 ACCESS CONTROL MAIN OFF DOORS	-	-	50,000	50,000	-	Delayed
516 RADIO REPEATER HANDHELD DEVICE	19,292	-	20,000	708	708	Complete
517 WASTEW NETWORK & MISC UPGRADES	34,990	-	35,000	10	10	Complete
518 BOARD ROOM MULTIMEDIA SYSTEM	-	-	22,000	22,000	22,000	Pending
519 DESKTOP COMPUTERS (4)	10,905	-	12,000	1,095	1,095	Complete
520 COMPUTING CLUSTER FOR WW ADMIN	8,991	-	8,000	(991)	-	Complete
521 HVAC SPLIT SYSTEMS (5)	31,278	-	42,500	11,222	11,222	complete
522 ZERO-TURN MOWER	10,150	-	12,400	2,250	2,250	Complete
509 RAW WATER AERATION BLOWERS MFR	63,127	-	100,000	36,873	36,873	Complete
510 UPS BACKUP/POWER CONDITIONERS	27,538	-	28,000	462	462	Complete
511 CHEMICAL DOSING PUMPS (5)	38,085	-	40,000	1,915	-	Complete
131 WATER TAP SERVICES	75,708	-	55,000	(20,708)	-	Ongoing
512 1/2-TON SERVICE TRUCKS (4)	151,356	-	160,000	8,644	8,644	Complete
513 GPS SURVEY RECEIVER	12,973	-	15,000	2,027	2,027	complete
523 CREW CAB TRUCK	43,356	-	47,000	3,644	3,644	Complete
524 SKID STEER LOADER	65,778	-	72,000	6,222	6,222	Complete
525 UTILITY TRAILER	9,546	-	10,800	1,254	1,254	Complete
526 JUMPING JACK COMPACTORS (2)	8,200	-	10,200	2,000	2,000	Complete
527 14-INCH RESCUE SAWS (2)	4,006	-	6,600	2,594	2,594	Complete
132 WASTEWATER TAP SERVICES	130,621	2,778	65,000	(68,398)	2,778	Pending
528 CAMERA FOR SEWER CCTV	48,843	-	53,000	4,157	4,157	Complete
529 MIGHTY MINI CCTV CAMERA	27,660	-	29,000	1,340	1,340	Complete
530 PORTABLE PUSH CAMERA	9,773	-	12,000	2,227	2,227	Complete
531 70-HP SUBMERSIBLE PUMPS-LS 76	-	-	90,000	90,000	90,000	Pending
532 18-TON BOOM TRUCK (CRANE)	-	-	280,000	280,000	280,000	Pending
533 ELECTRICIAN'S VAN/TRUCK	68,129	-	80,000	11,871	11,871	complete
534 ELECTRICAL CONDUIT BENDER	12,360	-	13,000	640	640	Complete
535 JUMPING JACK COMPACTORS (2)	8,000	-	10,200	2,200	2,200	Complete
536 14" RESCUE SAWS WITH TROLLEY	4,006	-	7,000	2,994	2,994	Complete
537 PORTABLE GENERATORS (2)	-	-	55,000	55,000	55,000	Pending
538 AERATION SYSTEM PARTIAL REPLAC	33,640	-	28,000	(5,640)	-	Complete
539 GATE CONTROLLER/OPER	8,870	-	9,000	130	130	complete
540 DUMP TRUCK	117,344	-	120,000	2,656	2,656	Complete
541 MAINTENANCE VEHICLE	76,923	-	90,000	13,077	13,077	Complete
542 RIDING LAWNMOWER	8,700	-	12,300	3,600	-	Complete
106 ICE MACHINE	4,000	-	-	(4,000)	-	Complete
Total Operating Capital	1,286,812	5,278	2,190,000	901,910	951,900	
Total Capital Outlay	\$ 6,089,897	\$ 5,200,383	\$ 30,583,000	\$ 19,299,750	\$ 25,521,002	

Funding Source: Operating Funds \$ 25,521,002



HARLINGEN WATERWORKS SYSTEM

INVESTMENT PORTFOLIO SUMMARY

**For the Quarter Ended
September 30, 2023**

**Prepared by
Valley View Consulting, L.L.C.**

This report is in full compliance with the investment strategy as established by the Investment Policy of the City of Harlingen Waterworks System and the Public Funds Investment Act (Chapter 2256)

Handwritten signature of Timothy E. Skoglund in blue ink.

Timothy E. Skoglund
General Manager

Handwritten signature of Ron De La Garza in blue ink.

Ron De La Garza
Finance & Revenue Director

Handwritten signature of Rene Nava in blue ink.

Rene Nava
Accountant

Disclaimer: These reports were compiled using information provided by the City of Harlingen Waterworks System. No procedures were performed to test the accuracy or completeness of this information. The market values included in these reports were obtained by Valley View Consulting, L.L.C. from sources believed to be accurate and represent proprietary valuation. Due to market fluctuations these levels are not necessarily reflective of current liquidation values. Yield calculations are not determined using standard performance formulas, are not representative of total return yields and do not account for investment advisor fees.

**CITY OF HARLINGEN WATERWORKS SYSTEM
Annual Comparison of Portfolio Performance**

FYE Results by Investment Category:

	September 30, 2022			September 30, 2023		
Asset Type	Ave. Yield	Book Value	Market Value	Ave. Yield	Book Value	Market Value
DDA/MMA	2.25%	\$ 9,304,050	\$ 9,304,050	5.11%	\$ 9,648,254	\$ 9,648,254
LGIP	2.38%	4,902,580	4,902,580	5.32%	3,862,640	3,862,640
Securities/CDs	1.63%	23,586,313	23,558,047	5.44%	27,368,156	27,365,866
Totals		\$ 37,792,943	\$ 37,764,677		\$ 40,879,051	\$ 40,876,761

Fourth Quarter-End Yield **1.88%**

5.35%

Average Quarter-End Yields (1):

	2022 Fiscal Year	2023 Fiscal Year
Harlingen Water Works System	0.72%	4.44%
Rolling Three Month Treasury	1.06%	4.95%
Rolling Six Month Treasury	1.01%	4.77%
TexPool	0.90%	4.74%
Fiscal YTD Interest Earnings	\$ 198,822 (Approximate)	\$ 1,548,217 (Approximate)

(1) Average Quarterly Yield calculated using quarter-end report average yield and adjusted book value.

**CITY OF HARLINGEN WATERWORKS SYSTEM
SUMMARY
September 30, 2023**

Quarter End Results by Investment Category:

Asset Type	June 30, 2023		September 30, 2023		
	Book Value	Market Value	Book Value	Market Value	Ave. Yield
DDA/MMA	\$ 8,909,358	\$ 8,909,358	\$ 9,648,254	\$ 9,648,254	5.11%
LGIP	3,417,693	3,417,693	3,862,640	3,862,640	5.32%
Securities/CDS	25,458,274	25,450,207	27,368,156	27,365,866	5.44%
Totals	\$ 37,785,326	\$ 37,777,259	\$ 40,879,051	\$ 40,876,761	5.35%

Current Quarter Average Yield (1)

Total Portfolio	5.35%
Rolling Three Month Treasury	5.54%
Rolling Six Month Treasury	5.38%
TexPool	5.32%

Interest Earnings

Quarterly Interest Income	\$ 509,487	Approximate
Year-to-date Interest Income	\$ 1,548,217	Approximate

Bank Fee Offsets

Quarterly Bank Fee Offsets	\$ 147
Year-to-date Bank Fee Offsets	\$ 578

Fiscal Year-to-Date Average Yield (2)

Total Portfolio	4.44%
Rolling Three Month Treasury	4.95%
Rolling Six Month Treasury	4.77%
TexPool	4.74%

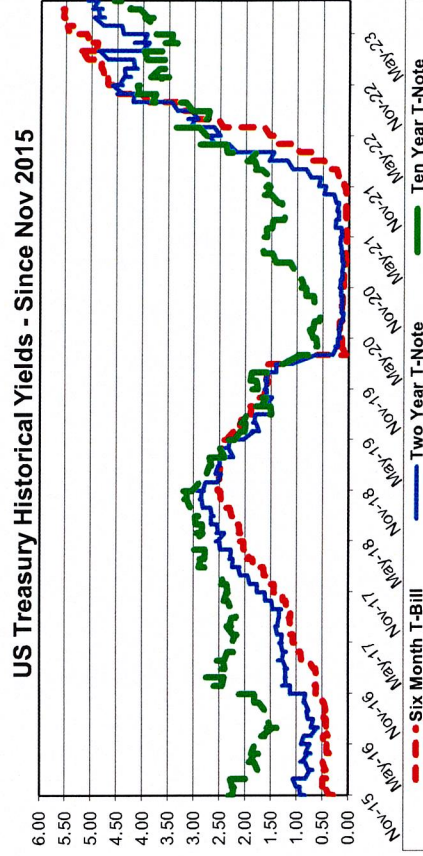
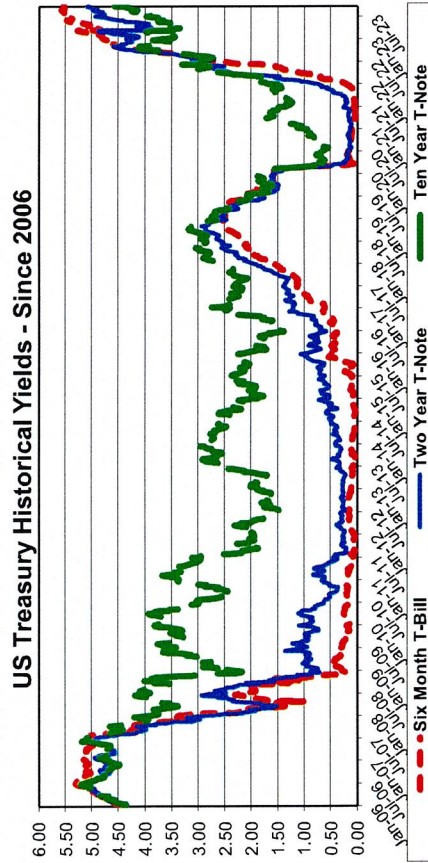
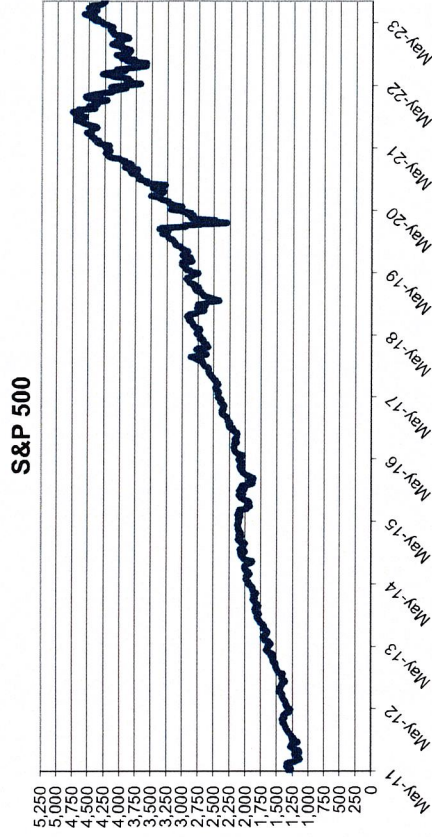
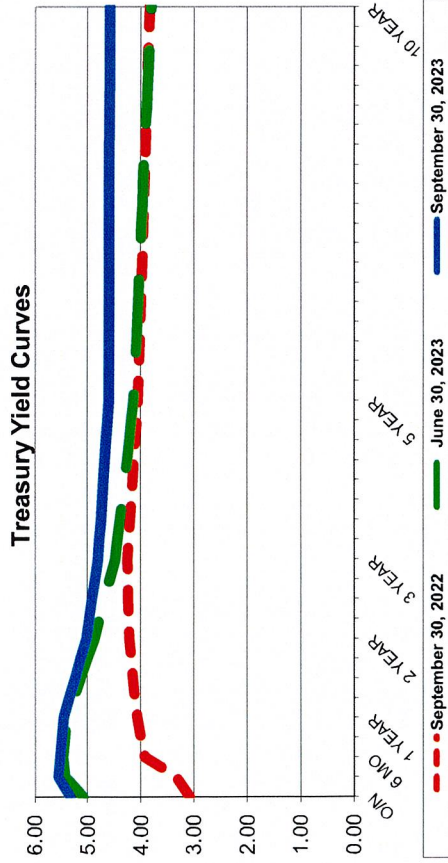
(1) **Current Quarter Average Yield** - based on adjusted book value, realized and unrealized gains/losses and investment advisory fees are not considered. The yield for the reporting month is used for bank, pool, and money market balances.

(2) **Fiscal Year-to-Date Average Yields** - calculated using quarter end report yields and adjusted book values and does not reflect a total return analysis or account for advisory fees.

Economic Overview

9/30/2023

The Federal Open Market Committee (FOMC) maintained the Fed Funds target range 0.25% to 5.25% (Effective Fed Funds are trading +/-5.33%). A pause is projected at least until the September 19-20 meeting, with any future actions data-dependent. Second Quarter 2023 GDP posted 2.1%. September Non-Farm Payroll surged up 336k new jobs, above the 170k projection. The S&P Stock Index continued to slide below 4,300. The yield curve drifted higher on the long end. Crude Oil traded +/- \$85 per barrel. Inflation drifted lower but still over the FOMC 2% target (Core PCE +/-3.9% and CPI +/-3.7%). The slowing China and German economies, Ukrainian/Russian and Israeli/Hamas conflicts continue to weight on future outlooks.



**CITY OF HARLINGEN WATERWORKS SYSTEM
INVESTMENT HOLDINGS REPORT
September 30, 2023**

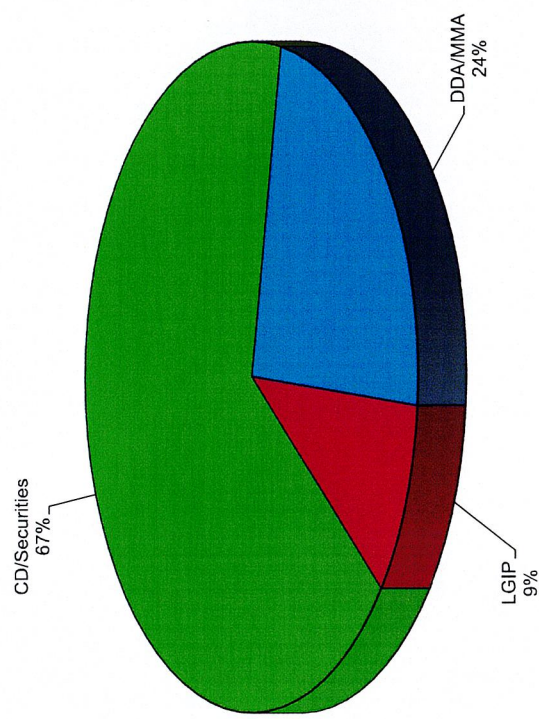
	Ratings	Coupon/ Discount	Maturity Date	Settlement Date	Par Value	Book Value	Market Price	Market Value	Yield	Life (Days)
<u>DDA/MMA/LGIP</u>										
Plains Capital Bank		0.49%	10/01/23	09/30/23	\$ 100,000	\$ 100,000	1.00	100,000	0.49%	1
Southside Bank MMA		5.50%	10/01/23	09/30/23	1,245,573	1,245,573	1.00	1,245,573	5.50%	1
Plains Capital Bank MMA		5.11%	10/01/23	09/30/23	8,302,681	8,302,681	1.00	8,302,681	5.11%	1
TexPool	AAA	5.32%	10/01/23	09/30/23	2,568,783	2,568,783	1.00	2,568,783	5.32%	1
TexSTAR	AAA	5.31%	10/01/23	09/30/23	1,293,858	1,293,858	1.00	1,293,858	5.31%	1
Total DDA/LGIP					\$ 13,510,895	\$ 13,510,895		\$ 13,510,895	5.17%	1
<u>CDs/Securities</u>										
East West Bank CD		5.74%	10/23/23	07/21/23	1,011,386	1,011,386	100.00	1,011,386	5.91%	23
FFCB	Aaa/AA+	4.75%	11/21/23	11/21/22	2,000,000	1,999,918	99.88	1,997,628	4.78%	52
East West Bank CD		5.82%	12/20/23	09/26/23	1,000,798	1,000,798	100.00	1,000,798	5.99%	81
Veritex Bank CD		4.87%	12/20/23	12/20/22	2,074,316	2,074,316	100.00	2,074,316	4.98%	81
Veritex Bank CD		4.84%	01/24/24	01/24/23	2,581,701	2,581,701	100.00	2,581,701	4.95%	116
East West Bank CD		5.02%	02/16/24	02/16/23	1,547,566	1,547,566	100.00	1,547,566	5.15%	139
East West Bank CD		5.72%	02/26/24	08/23/23	1,509,195	1,509,195	100.00	1,509,195	5.89%	149
East West Bank CD		5.72%	03/21/24	09/26/23	1,501,176	1,501,176	100.00	1,501,176	5.89%	173
BOK Financial CDARS		4.88%	03/21/24	03/23/23	1,538,996	1,538,996	100.00	1,538,996	5.00%	173
East West Bank CD		4.96%	04/22/24	04/20/23	1,022,535	1,022,535	100.00	1,022,535	5.08%	205
East West Bank CD		5.61%	05/16/24	08/23/23	1,509,018	1,509,018	100.00	1,509,018	5.77%	229
BOK Financial CDARS		5.06%	05/16/24	05/18/23	1,000,000	1,000,000	100.00	1,000,000	5.19%	229
Third Coast Bank CD		5.60%	06/28/24	06/28/23	1,521,173	1,521,173	100.00	1,521,173	5.72%	272
Third Coast Bank CD		5.60%	06/28/24	06/28/23	2,028,230	2,028,230	100.00	2,028,230	5.72%	272
East West Bank CD		5.47%	07/22/24	07/21/23	1,010,848	1,010,848	100.00	1,010,848	5.62%	296
Bank OZK CD		5.51%	08/23/24	08/23/23	2,009,381	2,009,381	100.00	2,009,381	5.66%	328
East West Bank CD		5.61%	09/20/24	09/26/23	2,501,922	2,501,922	100.00	2,501,922	5.77%	356
Total CDs/Securities					\$ 27,368,238	\$ 27,368,156		\$ 27,365,866	5.44%	191
Total					\$ 40,879,133	\$ 40,879,051		\$ 40,876,761	5.35%	129
									(1)	(2)

(1) **Weighted average yield to maturity** - The weighted average yield to maturity is based on adjusted book value, realized and unrealized gains/losses and investment advisory fees are not considered. The yield for the reporting month is used for pool and bank account equivalent investments.

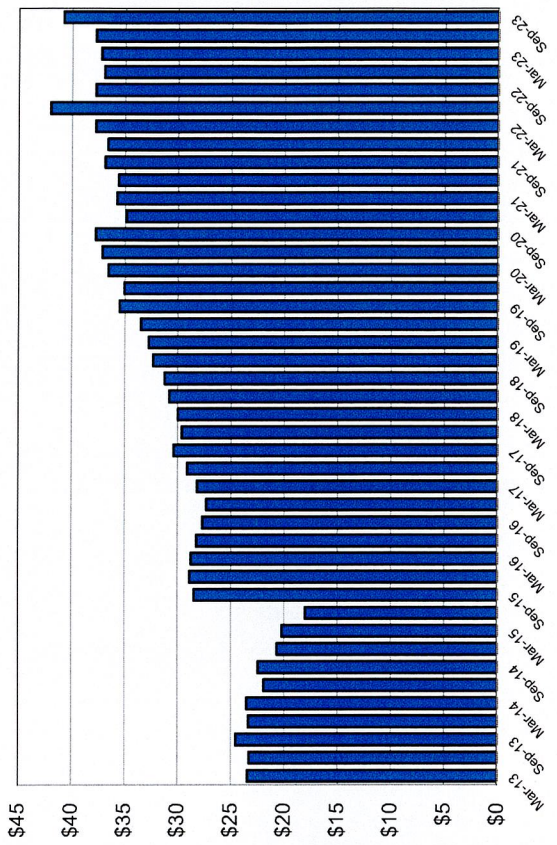
(2) **Weighted average life** - For purposes of calculating weighted average life, pool and bank account investments are assumed to have a one day maturity.

(3) **Compensating Balance** - BBVA Compass balances are used to offset bank fees with an estimated Earnings Credit on the balances.

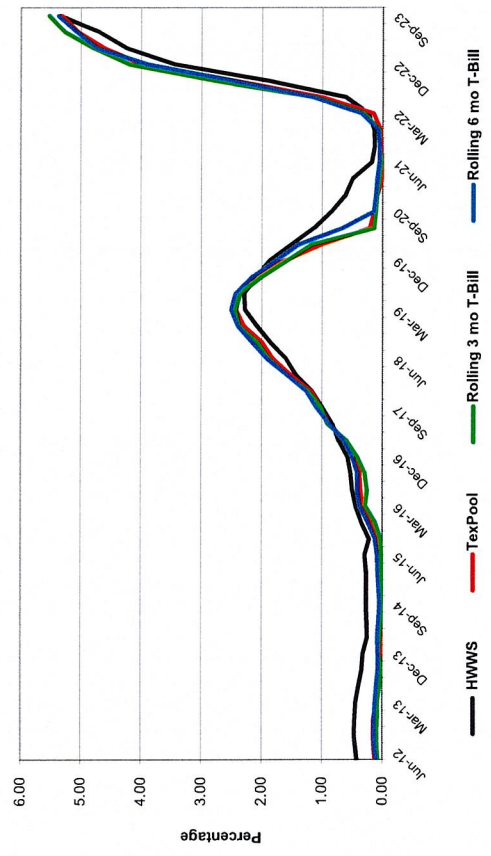
Portfolio Composition



Quarter End Total Portfolio (Millions)



Historical Yields



**CITY OF HARLINGEN WATERWORKS SYSTEM
BOOK & MARKET VALUE COMPARISON**

Issuer/Description	Yield	Maturity Date	Book Value 06/30/23	Increases	Decreases	Book Value 09/30/23	Market Value 06/30/23	Change in Market Value	Market Value 09/30/23
<u>Demand & MM Deposit Accounts</u>									
Plains Capital Bank	0.49%	10/01/23	\$ 100,000	\$ -	\$ -	\$ 100,000	\$ 100,000	\$ -	\$ 100,000
Southside Bank MMA	5.50%	10/01/23	1,229,118	16,455	-	1,245,573	1,229,118	16,455	1,245,573
Plains Capital Bank MMA	5.11%	10/01/23	7,580,241	722,441	-	8,302,681	7,580,241	722,441	8,302,681
Total / Average DDA	5.11%		\$ 8,909,358	\$ 738,896	\$ -	\$ 9,648,254	\$ 8,909,358	\$ 738,896	\$ 9,648,254
<u>Local Government Investment Pools</u>									
TexPool	5.32%	10/01/23	2,535,092	33,691	-	2,568,783	2,535,092	33,691	2,568,783
TexSTAR	5.31%	10/01/23	882,601	411,257	-	1,293,858	882,601	411,257	1,293,858
Total / Average LGIPs	5.32%		\$ 3,417,693	\$ 444,947	\$ -	\$ 3,862,640	\$ 3,417,693	\$ 444,947	\$ 3,862,640
<u>Certificates of Deposit/Securities</u>									
East West Bank CD	3.20%	07/21/23	2,060,441	-	(2,060,441)	-	2,060,441	(2,060,441)	-
Texas Capital Bank CD	3.30%	08/23/23	3,083,595	-	(3,083,595)	-	3,083,595	(3,083,595)	-
FHLB	4.65%	09/19/23	3,094,595	-	(3,094,595)	-	3,092,739	(3,092,739)	-
East West Bank CD	4.06%	09/23/23	2,062,226	-	(2,062,226)	-	2,062,226	(2,062,226)	-
East West Bank CD	5.91%	10/23/23	-	1,011,386	-	1,011,386	-	1,011,386	1,011,386
FFCB	4.78%	11/21/23	1,999,771	147	-	1,999,918	1,993,560	4,068	1,997,628
East West Bank CD	5.99%	12/20/23	-	1,000,798	-	1,000,798	-	1,000,798	1,000,798
Veritex Bank CD	4.98%	12/20/23	2,049,061	25,255	-	2,074,316	2,049,061	25,255	2,074,316
Veritex Bank CD	4.95%	01/24/24	2,550,460	31,241	-	2,581,701	2,550,460	31,241	2,581,701
East West Bank CD	5.15%	02/16/24	1,528,109	19,457	-	1,547,566	1,528,109	19,457	1,547,566
East West Bank CD	5.89%	02/26/24	-	1,509,195	-	1,509,195	-	1,509,195	1,509,195
East West Bank CD	5.89%	03/21/24	-	1,501,176	-	1,501,176	-	1,501,176	1,501,176
BOK Financial CDARS	5.00%	03/21/24	1,520,185	18,810	-	1,538,996	1,520,185	18,810	1,538,996
East West Bank CD	5.08%	04/22/24	1,009,831	12,703	-	1,022,535	1,009,831	12,703	1,022,535
East West Bank CD	5.77%	05/16/24	-	1,509,018	-	1,509,018	-	1,509,018	1,509,018
BOK Financial CDARS	5.19%	05/16/24	1,000,000	-	-	1,000,000	1,000,000	-	1,000,000
Third Coast Bank CD	5.72%	06/28/24	1,500,000	21,173	-	1,521,173	1,500,000	21,173	1,521,173
Third Coast Bank CD	5.72%	06/28/24	2,000,000	28,230	-	2,028,230	2,000,000	28,230	2,028,230
East West Bank CD	5.62%	07/22/24	-	1,010,848	-	1,010,848	-	1,010,848	1,010,848
Bank OZK CD	5.66%	08/23/24	-	2,009,381	-	2,009,381	-	2,009,381	2,009,381
East West Bank CD	5.77%	09/20/24	-	2,501,922	-	2,501,922	-	2,501,922	2,501,922
Total / Avg CDs/Securities	5.44%		\$ 25,458,274	\$ 12,210,739	\$ (10,300,857)	\$ 27,368,156	\$ 25,450,207	\$ 1,915,659	\$ 27,365,866
Total/Average	5.35%		\$ 37,785,326	\$ 13,394,581	\$ (10,300,857)	\$ 40,879,051	\$ 37,777,259	\$ 3,099,502	\$ 40,876,761

**CITY OF HARLINGEN WATERWORKS SYSTEM
BOOK VALUE ALLOCATED BY FUND
September 30, 2023**

Description/ Maturity	Operating Fund	Bond		Customer Deposits	Sewer Impact Fees	Water Impact Fees	Sewer RRR Fund	Water RRR Fund	Total
		Debt Service	Debt Service						
Plains Capital Bank	\$ 100,000	\$ -	\$ -	-	-	-	-	-	\$ 100,000
Southside Bank MMA	996,573	-	-	249,000	-	-	-	-	1,245,573
Plains Capital Bank MMA	5,912,843	-	-	280,865	1,107,501	908,021	-	93,451	8,302,681
TexPool	1,224,327	-	-	-	225,896	751,621	202,684	164,254	2,568,783
TexSTAR	38,747	1,213,324	-	41,787	-	-	-	-	1,293,858
East West Bank CD	1,011,386	-	-	-	-	-	-	-	1,011,386
FFCB	799,967	-	-	399,984	199,992	599,975	-	-	1,999,918
East West Bank CD	1,000,798	-	-	-	-	-	-	-	1,000,798
Veritex Bank CD	1,815,026	-	-	259,289	-	-	-	-	2,074,316
Veritex Bank CD	1,549,021	-	-	1,032,680	-	-	-	-	2,581,701
East West Bank CD	1,095,669	-	-	-	-	-	106,048	345,848	1,547,566
East West Bank CD	1,509,195	-	-	-	-	-	-	-	1,509,195
East West Bank CD	1,501,176	-	-	-	-	-	-	-	1,501,176
East West Bank CD	1,538,996	-	-	-	-	-	-	-	1,538,996
BOK Financial CDARS	1,022,535	-	-	-	-	-	-	-	1,022,535
East West Bank CD	1,509,018	-	-	-	-	-	-	-	1,509,018
East West Bank CD	-	-	-	-	1,000,000	-	-	-	1,000,000
BOK Financial CDARS	1,521,173	-	-	-	-	-	-	-	1,521,173
Third Coast Bank CD	2,028,230	-	-	-	-	-	-	-	2,028,230
Third Coast Bank CD	1,010,848	-	-	-	-	-	-	-	1,010,848
East West Bank CD	1,004,690	-	-	401,876	602,814	-	-	-	2,009,381
Bank OZK CD	1,430,948	-	-	955,734	-	-	43,901	71,339	2,501,922
East West Bank CD	1,430,948	-	-	-	-	-	-	-	1,430,948
Total	\$ 29,621,165	\$ 1,213,324	\$ 3,621,216	\$ 3,136,203	\$ 2,259,618	\$ 674,892	\$ 352,634	\$ 674,892	\$ 40,879,051

**CITY OF HARLINGEN WATERWORKS SYSTEM
MARKET VALUE ALLOCATED BY FUND
September 30, 2023**

Description/ Maturity	Operating Fund	Bond		Customer Deposits	Sewer Impact Fees	Water Impact Fees	Sewer RRR Fund	Water RRR Fund	Total
		Debt Service	Debt Service						
Plains Capital Bank	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000
Southside Bank MMA	996,573	-	-	249,000	-	-	-	-	1,245,573
Plains Capital Bank MMA	5,912,843	-	-	280,865	1,107,501	908,021	-	93,451	8,302,681
TexPool	1,224,327	-	-	-	225,896	751,621	202,684	164,254	2,568,783
TexSTAR	38,747	1,213,324	-	41,787	-	-	-	-	1,293,858
East West Bank CD	1,011,386	-	-	-	-	-	-	-	1,011,386
FFCB	799,051	-	-	399,526	199,763	599,288	-	-	1,997,628
East West Bank CD	1,000,798	-	-	-	-	-	-	-	1,000,798
Veritex Bank CD	1,815,026	-	-	259,289	-	-	-	-	2,074,316
Veritex Bank CD	1,549,021	-	-	1,032,680	-	-	-	-	2,581,701
East West Bank CD	1,095,669	-	-	-	-	-	106,048	345,848	1,547,566
East West Bank CD	1,509,195	-	-	-	-	-	-	-	1,509,195
East West Bank CD	1,501,176	-	-	-	-	-	-	-	1,501,176
BOK Financial CDARS	1,538,996	-	-	-	-	-	-	-	1,538,996
East West Bank CD	1,022,535	-	-	-	-	-	-	-	1,022,535
East West Bank CD	1,509,018	-	-	-	-	-	-	-	1,509,018
BOK Financial CDARS	-	-	-	-	1,000,000	-	-	-	1,000,000
Third Coast Bank CD	1,521,173	-	-	-	-	-	-	-	1,521,173
Third Coast Bank CD	2,028,230	-	-	-	-	-	-	-	2,028,230
East West Bank CD	1,010,848	-	-	-	-	-	-	-	1,010,848
Bank OZK CD	1,004,690	-	-	401,876	602,814	-	-	-	2,009,381
East West Bank CD	1,430,948	-	-	955,734	-	-	43,901	71,339	2,501,922
	\$ 29,620,249	\$ 1,213,324	\$ 3,620,758	\$ 3,135,974	\$ 2,258,931	\$ 674,892	\$ 352,634	\$ 40,876,761	

**CITY OF HARLINGEN WATERWORKS SYSTEM
BOOK VALUE ALLOCATED BY FUND
June 30, 2023**

Description/ Maturity	Operating Fund	Bond				Sewer Impact Fees	Water Impact Fees	Sewer RRR Fund	Water RRR Fund	Total
		Debt Service	Customer Deposits	Sewer Impact Fees	Water Impact Fees					
Plains Capital Bank	\$ 100,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100,000	
Southside Bank MMA	980,118	-	249,000	-	-	-	-	-	1,229,118	
Plains Capital Bank MMA	5,662,217	-	234,070	859,145	732,546	-	92,263	-	7,580,241	
TexPool	1,402,661	-	-	222,933	741,764	43,005	124,729	-	2,535,092	
TexSTAR	38,240	803,122	41,240	-	-	-	-	-	882,601	
East West Bank CD	2,060,441	-	-	-	-	-	-	-	2,060,441	
Texas Capital Bank CD	2,055,730	-	411,146	616,719	-	-	-	-	3,083,595	
FHLB	3,094,595	-	-	-	-	-	-	-	3,094,595	
East West Bank CD	963,412	-	984,713	-	-	43,467	70,634	-	2,062,226	
FFCB	799,908	-	399,954	199,977	599,931	-	-	-	1,999,771	
Veritex Bank CD	1,792,928	-	256,133	-	-	-	-	-	2,049,061	
Veritex Bank CD	1,530,276	-	1,020,184	-	-	104,715	341,500	-	2,550,460	
East West Bank CD	1,081,894	-	-	-	-	-	-	-	1,081,894	
BOK Financial CDARS	1,520,185	-	-	-	-	-	-	-	1,520,185	
East West Bank CD	1,009,831	-	-	-	-	-	-	-	1,009,831	
BOK Financial CDARS	-	-	-	1,000,000	-	-	-	-	1,000,000	
Third Coast Bank CD	1,500,000	-	-	-	-	-	-	-	1,500,000	
Third Coast Bank CD	2,000,000	-	-	-	-	-	-	-	2,000,000	
	\$ 27,592,437	\$ 803,122	\$ 3,596,439	\$ 2,898,774	\$ 2,074,241	\$ 191,187	\$ 629,126	\$ 37,785,326		

**CITY OF HARLINGEN WATERWORKS SYSTEM
MARKET VALUE ALLOCATED BY FUND
June 30, 2023**

Description/ Maturity	Operating Fund	Bond		Customer Deposits	Sewer Impact Fees	Water Impact Fees	Sewer RRR Fund	Water RRR Fund	Total
		Debt Service	Debt Service						
Plains Capital Bank	\$ 100,000	\$ -	\$ -	-	-	-	-	-	\$ 100,000
Southside Bank MMA	980,118	-	249,000	-	-	-	-	-	1,229,118
Plains Capital Bank MMA	5,662,217	-	234,070	859,145	732,546	-	-	92,263	7,580,241
TexPool	1,402,661	-	-	222,933	741,764	43,005	-	124,729	2,535,092
TexSTAR	38,240	803,122	41,240	-	-	-	-	-	882,601
East West Bank CD	2,060,441	-	-	-	-	-	-	-	2,060,441
Texas Capital Bank CD	2,055,730	-	411,146	616,719	-	-	-	-	3,083,595
FHLB	3,092,739	-	-	-	-	-	-	-	3,092,739
East West Bank CD	963,412	-	984,713	-	-	43,467	-	70,634	2,062,226
FFCB	797,424	-	398,712	199,356	598,068	-	-	-	1,993,560
Veritex Bank CD	1,792,928	-	256,133	-	-	-	-	-	2,049,061
Veritex Bank CD	1,530,276	-	1,020,184	-	-	-	104,715	-	2,550,460
East West Bank CD	1,081,894	-	-	-	-	-	-	-	1,528,109
BOK Financial CDARS	1,520,185	-	-	-	-	-	-	-	1,520,185
East West Bank CD	1,009,831	-	-	-	-	-	-	-	1,009,831
BOK Financial CDARS	-	-	-	1,000,000	-	-	-	-	1,000,000
Third Coast Bank CD	1,500,000	-	-	-	-	-	-	-	1,500,000
Third Coast Bank CD	2,000,000	-	-	-	-	-	-	-	2,000,000
	\$ 27,588,097	\$ 803,122	\$ 3,595,197	\$ 2,898,153	\$ 2,072,377	\$ 191,187	\$ 629,126	\$ 37,717,259	

INVESTMENT POLICY COMPLIANCE
September 30, 2023

Authorized Investments	Maximum %	Actual Market Value	% of Portfolio	Status
Financial Institution Deposits	100%	\$ 35,016,492	86%	Pass
Repurchase Agreements	25%	—	0%	N/A
U.S. Treasury Notes/Bonds/Bills	100%	—	0%	N/A
U.S. Agencies	60%	1,997,628	5%	Pass
Money Market Mutual Funds	15%	—	0%	N/A
Local Gov't Investment Pools	60%	3,862,640	9%	Pass
Total		\$ 40,876,761	100%	

RESOLUTION NO. R2324-01

APPROVING A LICENSE RENEWAL FOR GIS SOFTWARE AND SERVICES

WHEREAS, since December 2017, Harlingen Waterworks System has been using geographic information system (GIS) enterprise software published and maintained by Environmental Systems Research Institute (Esri) as its system of record for water and wastewater system assets, its primary mapping tool, and the foundation for the System’s work order system; and

WHEREAS, the most recent 3-year license renewal expires December 13, 2020, and a renewal has been offered by Esri for an additional three-year term at a price of \$27,500 per year; and

WHEREAS, Esri’s GIS software and support services remain essential to maintaining the Waterworks’ water and wastewater asset information, system mapping capabilities, and work order processes; now, therefore:

BE IT RESOLVED, that the Harlingen Waterworks System Utility Board of Trustees does hereby approve a license renewal for GIS software and services provided by Esri, Inc. payable in equal annual installments for a three-year total amount of \$82,500.00.

Board Member _____ moved, seconded by Board Member _____, that the above Resolution be adopted.

Motion carried _____ Yeas, _____ Nays

I hereby certify the foregoing Resolution was adopted by the Utility Board of Trustees for Harlingen Waterworks System at a Board Meeting held on the 25th day of October 2023.

Nilda Sanchez – Board Secretary



MEMORANDUM

To: Timothy E. Skoglund, General Manager
From: Jose Rodriguez, IT Director
Date: October 13, 2023

Re: ESRI License Renewal

Date: October 13, 2023

Since December 2017, HWWS has been using geographic information system (GIS) software and maintenance services provided by Environmental Systems Research Institute, Inc. (Esri).

Esri's GIS has become the mapping system and asset database for all HWWS's water distribution and sewer collection infrastructure, and it now serves as our primary mapping system and the foundation for our computerized maintenance management system (CMMS) through which all work orders and maintenance programs are managed.

For the past six years, GIS has served as the system of record of infrastructure data, enabled efficient workflows across the organization, and provided a straightforward way to share information with others. We recently created an outage map using GIS technology on HWWS's website to improve customer experience.

To provide for continued access to the GIS software and Esri's maintenance services that are essential to maintain the GIS and the applications that depend on GIS integration, continued licensing of the GIS software is needed.

The current Esri contract will expire on December 13, 2023. The attached license renewal is proposed for a three-year term beginning December 14, 2023 for a total fee of \$82,500 payable in annual installments of \$27,500. This renewal represents a 10% increase over the annual licensing fee of \$25,000 that has been in effect since December 2017. HWWS's FY 2024 budget allocates \$27,500 for GIS licensing.

Staff recommends the renewal of the GIS license agreement.



Quotation # Q-476897

Date: September 29, 2023

Customer # 560845 Contract # ENTERPRISE AGREEMENT

Harlingen Waterworks System
134 E Van Buren Ave
Harlingen, TX 78550-6828

ATTENTION: Rick Guerra
PHONE: (956) 430-6123
EMAIL: rguerra@hwws.com

Environmental Systems Research Institute, Inc.
380 New York St
Redlands, CA 92373-8100
Phone: (909) 793-2853
DUNS Number: 06-313-4175 CAGE Code: OAMS3

*To expedite your order, please attach a copy of this quotation to your purchase order.
Quote is valid from: 9/5/2023 To: 12/4/2023*

Material	Qty	Term	Unit Price	Total
168089	1	Year 1	\$27,500.00	\$27,500.00
Meter Counts 10,001 to 50,000 Small Utility Enterprise Agreement Annual Subscription				
168089	1	Year 2	\$27,500.00	\$27,500.00
Meter Counts 10,001 to 50,000 Small Utility Enterprise Agreement Annual Subscription				
168089	1	Year 3	\$27,500.00	\$27,500.00
Meter Counts 10,001 to 50,000 Small Utility Enterprise Agreement Annual Subscription				

Subtotal:	\$82,500.00
Sales Tax:	\$0.00
Estimated Shipping and Handling (2 Day Delivery):	\$0.00
Contract Price Adjust:	\$0.00
Total:	\$82,500.00

Esri may charge a fee to cover expenses related to any customer requirement to use a proprietary vendor management, procurement, or invoice program.

For questions contact: Jay Hoffman	Email: jhoffman@esri.com	Phone: 1-800-447-9778 x5675
<p>The items on this quotation are subject to and governed by the terms of this quotation, the most current product specific scope of use document found at https://assets.esri.com/content/dam/esrisites/media/legal/product-specific-terms-of-use/e300.pdf, and your applicable signed agreement with Esri. If no such agreement covers any item quoted, then Esri's standard terms and conditions found at https://go.esri.com/MAPS apply to your purchase of that item. If any item is quoted with a multi-year payment schedule, then unless otherwise stated in this quotation, Customer is required to make all payments without right of cancellation. Third-party data sets included in a quotation as separately licensed items will only be provided and invoiced if Esri is able to provide such data and will be subject to the applicable third-party's terms and conditions. If Esri is unable to provide any such data set, Customer will not be responsible for any further payments for the data set. US Federal government entities and US government prime contractors authorized under FAR 51.1 may purchase under the terms of Esri's GSA Federal Supply Schedule. Supplemental terms and conditions found at https://www.esri.com/en-us/legal/terms/state-supplemental apply to some US state and local government purchases. All terms of this quotation will be incorporated into and become part of any additional agreement regarding Esri's offerings. Acceptance of this quotation is limited to the terms of this quotation. Esri objects to and expressly rejects any different or additional terms contained in any purchase order, offer, or confirmation sent to or to be sent by buyer. Unless prohibited by law, the quotation information is confidential and may not be copied or released other than for the express purpose of system selection and purchase/license. The information may not be given to outside parties or used for any other purpose without consent from Esri. Delivery is FOB Origin for customers located in the USA.</p>		



Quotation # Q-476897

Date: September 29, 2023

Customer # 560845 Contract # ENTERPRISE AGREEMENT

Harlingen Waterworks System
134 E Van Buren Ave
Harlingen, TX 78550-6828

ATTENTION: Rick Guerra
PHONE: (956) 430-6123
EMAIL: rguerra@hwws.com

Environmental Systems Research Institute, Inc.
380 New York St
Redlands, CA 92373-8100
Phone: (909) 793-2853
DUNS Number: 06-313-4175 CAGE Code: OAMS3

*To expedite your order, please attach a copy of this quotation to your purchase order.
Quote is valid from: 9/5/2023 To: 12/4/2023*

If you have made ANY alterations to the line items included in this quote and have chosen to sign the quote to indicate your acceptance, you must fax Esri the signed quote in its entirety in order for the quote to be accepted. You will be contacted by your Customer Service Representative if additional information is required to complete your request.

If your organization is a US Federal, state, or local government agency; an educational facility; or a company that will not pay an invoice without having issued a formal purchase order, a signed quotation will not be accepted unless it is accompanied by your purchase order.

In order to expedite processing, please reference the quotation number and any/all applicable Esri contract number(s) (e.g. MPA, ELA, SmartBuy, GSA, BPA) on your ordering document.

BY SIGNING BELOW, YOU CONFIRM THAT YOU ARE AUTHORIZED TO OBLIGATE FUNDS FOR YOUR ORGANIZATION, AND YOU ARE AUTHORIZING ESRI TO ISSUE AN INVOICE FOR THE ITEMS INCLUDED IN THE ABOVE QUOTE IN THE AMOUNT OF \$_____, PLUS SALES TAXES IF APPLICABLE. DO NOT USE THIS FORM IF YOUR ORGANIZATION WILL NOT HONOR AND PAY ESRI'S INVOICE WITHOUT ADDITIONAL AUTHORIZING PAPERWORK.

Please check one of the following:

I agree to pay any applicable sales tax.

I am tax exempt, please contact me if exempt information is not currently on file with Esri.

Signature of Authorized Representative

Date

Name (Please Print)

Title

The quotation information is proprietary and may not be copied or released other than for the express purpose of system selection and purchase/license. This information may not be given to outside parties or used for any other purpose without consent from Environmental Systems Research Institute, Inc. (Esri).

Any estimated sales and/or use tax reflected on this quote has been calculated as of the date of this quotation and is merely provided as a convenience for your organization's budgetary purposes. Esri reserves the right to adjust and collect sales and/or use tax at the actual date of invoicing. If your organization is tax exempt or pays state tax directly, then prior to invoicing, your organization must provide Esri with a copy of a current tax exemption certificate issued by your state's taxing authority for the given jurisdiction.

Esri may charge a fee to cover expenses related to any customer requirement to use a proprietary vendor management, procurement, or invoice program.

For questions contact: Jay Hoffman	Email: jhoffman@esri.com	Phone: 1-800-447-9778 x5675
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The items on this quotation are subject to and governed by the terms of this quotation, the most current product specific scope of use document found at <https://assets.esri.com/content/dam/esrisites/media/legal/product-specific-terms-of-use/e300.pdf>, and your applicable signed agreement with Esri. If no such agreement covers any item quoted, then Esri's standard terms and conditions found at <https://go.esri.com/MAPS> apply to your purchase of that item. If any item is quoted with a multi-year payment schedule, then unless otherwise stated in this quotation, Customer is required to make all payments without right of cancellation. Third-party data sets included in a quotation as separately licensed items will only be provided and invoiced if Esri is able to provide such data and will be subject to the applicable third-party's terms and conditions. If Esri is unable to provide any such data set, Customer will not be responsible for any further payments for the data set. US Federal government entities and US government prime contractors authorized under FAR 51.1 may purchase under the terms of Esri's GSA Federal Supply Schedule. Supplemental terms and conditions found at <https://www.esri.com/en-us/legal/terms/state-supplemental> apply to some US state and local government purchases. All terms of this quotation will be incorporated into and become part of any additional agreement regarding Esri's offerings. Acceptance of this quotation is limited to the terms of this quotation. Esri objects to and expressly rejects any different or additional terms contained in any purchase order, offer, or confirmation sent to or to be sent by buyer. Unless prohibited by law, the quotation information is confidential and may not be copied or released other than for the express purpose of system selection and purchase/license. The information may not be given to outside parties or used for any other purpose without consent from Esri. Delivery is FOB Origin for customers located in the USA.

Esri Use Only:

Cust. Name _____
Cust. # _____
PO # _____
Esri Agreement # _____



**SMALL ENTERPRISE AGREEMENT
SMALL UTILITY
(E215-2)**

This Agreement is by and between the organization identified in the Quotation ("**Customer**") and **Environmental Systems Research Institute, Inc. ("Esri")**.

This Agreement sets forth the terms for Customer's use of Products and incorporates by reference (i) the Quotation and (ii) the Master Agreement. Should there be any conflict between the terms and conditions of the documents that comprise this Agreement, the order of precedence for the documents shall be as follows: (i) the Quotation, (ii) this Agreement, and (iii) the Master Agreement. This Agreement shall be governed by and construed in accordance with the laws of the state in which Customer is located without reference to conflict of laws principles, and the United States of America federal law shall govern in matters of intellectual property. The modifications and additional rights granted in this Agreement apply only to the Products listed in Table A.

**Table A
List of Products**

Uncapped Quantities

Desktop Software and Extensions (Single Use)

ArcGIS Desktop Advanced
ArcGIS Desktop Standard
ArcGIS Desktop Basic
ArcGIS Desktop Extensions: ArcGIS 3D Analyst,
ArcGIS Spatial Analyst, ArcGIS Geostatistical Analyst,
ArcGIS Publisher, ArcGIS Network Analyst, ArcGIS
Schematics, ArcGIS Workflow Manager, ArcGIS Data
Reviewer

Enterprise Software and Extensions

ArcGIS Enterprise (Advanced and Standard)
ArcGIS Monitor
ArcGIS Enterprise Extensions: ArcGIS 3D Analyst,
ArcGIS Spatial Analyst, ArcGIS Geostatistical Analyst,
ArcGIS Network Analyst, ArcGIS Schematics, ArcGIS
Workflow Manager, ArcGIS Data Reviewer

Enterprise Additional Capability Servers

ArcGIS Image Server

Developer Tools

ArcGIS Runtime Standard
ArcGIS Runtime Analysis Extension

Limited Quantities

One (1) Professional subscription to ArcGIS Developer
Two (2) ArcGIS CityEngine Single Use Licenses
50 ArcGIS Online Viewers
50 ArcGIS Online Creators
10,000 ArcGIS Online Service Credits
50 ArcGIS Enterprise Creators
5 ArcGIS Insights in ArcGIS Enterprise
5 ArcGIS Insights in ArcGIS Online
10 ArcGIS Location Sharing for ArcGIS Enterprise
10 ArcGIS Location Sharing for ArcGIS Online
50 ArcGIS Utility Network User Type Extensions (Enterprise)
1 ArcGIS Business Analyst Web App Standard (Online)

OTHER BENEFITS

Number of Esri User Conference registrations provided annually	2
Number of Tier 1 Help Desk individuals authorized to call Esri	3
Maximum number of sets of backup media, if requested*	2
Five percent (5%) discount on all individual commercially available instructor-led training classes at Esri facilities purchased outside this Agreement	

*Additional sets of backup media may be purchased for a fee

Customer may accept this Agreement by signing and returning the whole Agreement with (i) the Quotation attached, (ii) a purchase order, or (iii) another document that matches the Quotation and references this Agreement ("**Ordering Document**"). **ADDITIONAL OR CONFLICTING TERMS IN CUSTOMER'S PURCHASE ORDER OR OTHER DOCUMENT WILL NOT APPLY, AND THE TERMS OF THIS AGREEMENT WILL GOVERN.** This Agreement is effective as of the date of Esri's receipt of an Ordering Document, unless otherwise agreed to by the parties ("**Effective Date**").

Term of Agreement: Three (3) years

This Agreement supersedes any previous agreements, proposals, presentations, understandings, and arrangements between the parties relating to the licensing of the Products. Except as provided in Article 4—Product Updates, no modifications can be made to this Agreement.

Accepted and Agreed:

(Customer)

By: _____
Authorized Signature

Printed Name: _____

Title: _____

Date: _____

CUSTOMER CONTACT INFORMATION

Contact: _____

Telephone: _____

Address: _____

Fax: _____

City, State, Postal Code: _____

E-mail: _____

Country: _____

Quotation Number (if applicable): _____

RESOLUTION NO. R2324-02

AWARDING A CONTRACT FOR PURCHASE OF AMMONIA ANALYZERS

WHEREAS, Harlingen Waterworks System uses a combination of chlorine and ammonia for water disinfection, and minimizing the amount of excess ammonia above the required ratio minimizes chemical cost, the rate of disinfectant deterioration, and water system flushing;

WHEREAS, real-time measurement of ammonia in the water treatment process using ammonia analyzers will significantly improve the System’s ability to optimize the ammonia dose needed for disinfection; and

WHEREAS, Harlingen Waterworks System plans to use the Ammonia Analyzers to monitor free ammonia and optimization of ammonia dosing for disinfection, nitrification control, and minimization of water system flushing; and

WHEREAS, a sole bid, summarized in the table below, was received in response to a duly solicited invitation to bid for purchase of ammonia analyzers; and

Bidder	Location	Quantity	Unit Price	Total
Electro Chemical Devices, Inc.	Anaheim, CA	2	\$18,395	\$36,790

WHEREAS, the bidder has been found to be responsive and responsible, and the bid price has been determined fair and reasonable; now, therefore:

BE IT RESOLVED, that Harlingen Waterworks System Utility Board of Trustees does award a contract to Electro Chemical Devices, Inc. of Anaheim, CA for purchase of two (2) ammonia analyzers for the total amount of \$36,790.

Board Member _____ moved, seconded by Board Member _____, that the above Resolution be adopted.

Motion carried _____ Yeas, _____ Nays

I hereby certify the foregoing Resolution was adopted by the Utility Board of Trustees for Harlingen Waterworks System at a Board Meeting held on the 25th day of October 2023.

Nilda Sanchez - Board Secretary

Memorandum

To: Timothy E. Skoglund, General Manager
 From: David Sanchez, Water Services Director
 Date: October 19, 2023
 Re: Purchase of Ammonia Analyzers

Harlingen Waterworks System’s water treatment process uses a combination of chlorine and ammonia to form a monochloramine disinfectant than inactivates pathogenic bacteria and viruses, making the water safe for consumption. Monochloramine disinfectant creates fewer undesirable disinfection byproduct compounds, and it does not deteriorate in the distribution system as quickly as chlorine alone. The ideal ratio of ammonia to chlorine must be closely matched to form monochloramine and minimize the amount of free ammonia that is not chemically bound to chlorine.

Nitrifying bacteria readily consume free ammonia as a food source for growth and produce nitrate as a byproduct. The proliferation nitrifying bacteria biofilm on the interior surface of the distribution system piping can also act to strip ammonia from the monochloramine molecule resulting in a faster loss of monochloramine disinfectant residual. This faster deterioration requires that water be flushed from the system to bring in newer water that has a sufficient concentration of monochloramine.

Waterworks’ water treatment plant staff currently take water samples from the treated water to test for free ammonia and adjust the amount of ammonia accordingly. This manual testing process is time consuming and limits staff’s ability to make timely adjustments to the ammonia feed rate. Commercially available ammonia analyzers can be installed in treatment plant piping to measure free ammonia in real time, enabling staff to make responsive process adjustments that minimize free ammonia thereby reducing nitrification and the amount of water that must be flushed to maintain acceptable water quality.

The FY 2024 budget, excerpted below, allocates funding for purchase of free ammonia analyzers at the MFR and Downtown water treatment plants.

Department Name	Item Description	Amount	Purpose/Need for Item
Water Treatment	Free Ammonia Analyzers (2)	40,000	One unit proposed at each water treatment facility to monitor free ammonia and optimize ammonia dosing for disinfection, nitrification control, and minimization of water system flushing.

On October 19, 2023, one bid, summarized below, was received in response to a duly solicited invitation for bids.

Vendor	Location	Quantity	Unit Price	Total Price
Electro-Chemical Devices, Inc.	Anaheim, CA	2	\$18,395.00	\$36,790.00

Staff recommends award of a purchase contract for Ammonia Analyzers to Electro-Chemical Devices, Inc. at their submitted bid price.

RESOLUTION NO. R2324-03

**APPROVING CONTRACT AMENDMENT NO. 1 FOR
ON-CALL HYDRAULIC MODELING SERVICES**

WHEREAS, Harlingen Waterworks System has needed of on-call hydraulic modeling services to quickly assess proposed development demands for water and sewer, determine available system capacity, and develop infrastructure options to meet operational system challenges; and

WHEREAS, the Waterworks entered into a master services agreement on August 20, 2023, with Freese and Nichols, Inc. for on-call hydraulic modeling services, authorizing a not-to-exceed total amount of \$25,000 for task orders; and

WHEREAS, fees for task orders issued to date are nearing the authorization limit and additional authorization is needed to continue providing ready access to expert hydraulic modeling services; and

WHEREAS, an amendment to the agreement increasing the not-to-exceed authorization has been determined to be necessary to respond quickly and definitively to time-sensitive development proposals and operational needs; now, therefore

BE IT RESOLVED that the Harlingen Waterworks System Utility Board of Trustees does hereby approve Amendment No. 1 to the master services agreement with Freese & Nichols, Inc. for On-Call Hydraulic Modeling Services, increasing the not-to-exceed authorized amount to \$50,000.

Board Member _____ moved, seconded by Board Member _____, that the above Resolution be adopted.

Motion Carried _____ Yeas, _____ Nays

I hereby certify the foregoing Resolution was adopted by the Utility Board of Trustees for the Harlingen Waterworks System at a Board meeting held on the 25th day of October 2023.

Nilda Sanchez – Board Secretary

MEMORANDUM

To: Utility Board of Trustees for the Harlingen Waterworks System
From: Tim Skoglund, P.E., General Manager
Date: October 21, 2023
Subject: Amendment No. 1 to the Master Agreement for On-Call Hydraulic Modeling Services

HWWS Engineering staff frequently reviews utility plans submitted by developers as part of the subdivision process, and from time to time, prospective commercial or industrial customers inquire through Harlingen EDC about water and sewer capacity availability in areas where they consider locating their operations. In many of these cases where large water and/or sewer demands are anticipated, hydraulic modeling is needed to determine available capacity.

To meet such time-sensitive needs, I executed a master agreement for on-call hydraulic modeling services on August 20, 2023, with Freese & Nichols, Inc. who developed and calibrated our water and sewer hydraulic models for the recent Master Plan. The agreement authorized up to \$25,000 for task orders to assist with model updates, development review, and operational analysis, as fully detailed in Exhibit B of the agreement, attached hereto.

To date, staff has issued three task orders under the agreement:

1. Water and Sewer capacity evaluation for a prospective industry in the Industrial District proposing extraordinarily large water demands. The report for this task order was used to demonstrate capacity availability for a subsequent economic development inquiry in the vicinity of the Industrial District.
2. Sewer system capacity evaluation in the Lift Station 9 sewershed near S. Ed Carey Blvd. and Lamb Ave. where several high-density, multi-family developments are being proposed and constructed. A follow-on to this task order requested evaluation of equalization storage tanks as a temporary measure to resolve system overloading and enable approval of additional development in the area.
3. Updating of Master Plan CIP cost estimates for use in the currently on-going rate and impact fee studies.

Fees for these task orders are approaching the \$25,000 authorization limit, and additional authorization will require approval by the Board of Trustees.

Continued, ready access to expert hydraulic modeling services provides essential support for our Engineering operations, giving us the ability to respond quickly and definitively to time-sensitive development proposals and operational needs. I recommend approval of the attached Amendment No. 1 to the Master Agreement for On-Call Hydraulic Modeling Services would authorize a revised, not-to-exceed contract total amount of \$50,000.

EXHIBIT B

Compensation for Services

Section 2 of the Agreement is supplemented to include the following agreement of the parties:

PART 1 – TOTAL COMPENSATION

A1.1 Total Compensation Distribution

- A. The total compensation for Consultant's Services shall be the cumulative sum of amounts established by individual Task Orders issued under the Agreement.
- B. The total compensation for Consultant's services included in a task order shall account for all labor, direct expenses, overhead, profit, and Consultant's subconsultant charges.
- C. To the extent necessary to verify Consultant's charges and upon Client's timely request, Consultant shall make copies of such records available to Client at no additional cost.

A1.2 Standard Hourly Rates

- A. For services of Consultant's personnel engaged directly on the Project pursuant to *Exhibit C – Consultant's Services* and specified in a task order to be paid on an hourly basis, the amounts billed for Consultant's services will be based on the cumulative hours charged to the Project during the billing period by each class of Consultant's employees times the Standard Hourly Rates for each applicable billing class.
- B. Standard Hourly Rates charged by Consultant shall constitute full and complete compensation for Consultant's services, including labor costs, direct expenses, overhead, and profit. Standard Hourly Rates shall be burdened with Consultant's direct expenses other than Consultant's subconsultant charges.
- C. Standard Hourly Rates shall be as listed in *Appendix B1* to this *Exhibit B*.

A1.3 Reimbursable Expenses

The only amounts payable to Consultant for Reimbursable Expenses will be Consultant's charges as identified in the task order which shall be fully burdened with Consultant's overhead and profit.

**AMENDMENT NO. 1
TO THE MASTER AGREEMENT FOR
ON-CALL HYDRAULIC MODELING SERVICES**

Contract No. 19-027-B

THIS AMENDMENT NO. 1 is made as of _____ between **Harlingen Waterworks System** (“HWWS” or “Waterworks” or “Client”), a department of the City of Harlingen, Texas, a home-rule municipal corporation, and **Freese and Nichols, Inc.** (“Consultant” or “FNI”), whose offices are located at 801 Cherry St #2800 Fort Worth, Texas 76102.

Client and Consultant in consideration of their mutual covenants herein agree in respect of the performance of professional engineering services by Consultant and the payment of those services by Client as set forth below.

WHEREAS, the Client and the Consultant entered into the original Master Agreement for On-Call Hydraulic Modeling Services effective on August 20, 2023.

WHEREAS, it has become necessary to amend the contract increase the not-to-exceed compensation amount to \$50,000.

NOW, THEREFORE, premises considered, the Client and Consultant agree that said Agreement is amended to include the following modifications:

1. Replace the first paragraph of *Section 2. COMPENSATION* with the following:

“In consideration for all professional services to be performed and furnished by Consultant under this master Agreement, Client agrees to pay Consultant a total amount not to exceed Fifty Thousand and 00/100 Dollars (\$50,000.00) in accordance with this Agreement and as set forth in *Exhibit B – Compensation for Services.*”

DULY EXECUTED and delivered by the parties to this Agreement, effective on the date last counter signed.

Client:

HARLINGEN WATERWORKS SYSTEM

By:

Timothy E. Skoglund, P.E. – General Manager

Date:

Consultant:

FREESE AND NICHOLS, INC.

By:

Jessica Brown, P.E. – Vice President

Date:

Appendix B1

Compensation to FNI shall be computed on the basis of the following Schedule of Charges, but shall not exceed Twenty Five Thousand Dollars (\$25,000).

If FNI sees the Scope of Services changing so that Additional Services are needed, FNI will notify OWNER for Owner's approval before proceeding. Additional Services shall be computed based on the following Schedule of Charges.

<u>Position</u>	<u>Hourly Rate</u>	
	<u>Min</u>	<u>Max</u>
Professional 1	97	169
Professional 2	124	193
Professional 3	138	302
Professional 4	158	347
Professional 5	223	388
Professional 6	244	457
Construction Manager 1	114	155
Construction Manager 2	121	193
Construction Manager 3	145	196
Construction Manager 4	172	244
Construction Manager 5	206	289
Construction Manager 6	275	340
Construction Representative 1	79	86
Construction Representative 2	100	114
Construction Representative 3	127	182
Construction Representative 4	127	182
CAD Technician/Designer 1	86	117
CAD Technician/Designer 2	103	189
CAD Technician/Designer 3	148	241
Corporate Project Support 1	73	151
Corporate Project Support 2	83	213
Corporate Project Support 3	103	313
Intern / Coop	55	93

Rates for In-House Services and Equipment

<u>Mileage</u>	<u>Bulk Printing and Reproduction</u>		<u>Equipment</u>	
Standard IRS Rates		<u>B&W</u>	<u>Color</u>	Valve Crew Vehicle (hour) \$75
	Small Format (per copy)	\$0.10	\$0.25	Pressure Data Logger (each) \$200
<u>Technology Charge</u>	Large Format (per sq. ft.)			Water Quality Meter (per day) \$100
\$8.50 per hour	Bond	\$0.25	\$0.75	Microscope (each) \$150
	Glossy / Mylar	\$0.75	\$1.25	Pressure Recorder (per day) \$100
	Vinyl / Adhesive	\$1.50	\$2.00	Ultrasonic Thickness Gauge (per day) \$275
				Coating Inspection Kit (per day) \$275
	Mounting (per sq. ft.)	\$2.00		Flushing / Cfactor (each) \$500
	Binding (per binding)	\$0.25		Backpack Electrofisher (each) \$1,000
				<u>Survey Grade</u> <u>Standard</u>
				Drone (per day) \$200 \$100
				GPS (per day) \$150 \$50

OTHER DIRECT EXPENSES:

Other direct expenses are reimbursed at actual cost times a multiplier of 1.10. They include outside printing and reproduction expense, communication expense, travel, transportation and subsistence away from the FNI office. For other miscellaneous expenses directly related to the work, including costs of laboratory analysis, test, and other work required to be done by independent persons other than staff members, these services will be billed at a cost times a multiplier of 1.15. For Resident Representative services performed by non-FNI employees and CAD services performed In-house by non-FNI employees where FNI provides workspace and equipment to perform such services, these services will be billed at cost times a multiplier of 2.0. This markup approximates the cost to FNI if an FNI employee was performing the same or similar services.

These ranges and/or rates will be adjusted annually in February. Last updated 2023.

EXHIBIT C

Consultant's Services

Section 3 of the Agreement is supplemented to include the following agreement of the parties:

PART 1 - PROJECT DESCRIPTION

Consultant shall provide hydraulic modeling and operations support services for Client's water and sewer conveyance systems. Such services shall be related to: (1) updating Client's water and sewer hydraulic models; (2) reviewing land development and assessment of engineering design and water system operations related to water and sewer system modifications and investigations; (3) analysis of proposed land developments; (4) water and sewer system operational analysis and updating the water and sewer models to keep them properly calibrated and reflective of existing infrastructure and conditions.

C1.1 Water and Wastewater Model Updates

- A. Semiannual water model update tasks may include: (1) importing new or changed conveyance system information, checking connectivity, and refining data; (2) reviewing and modifying future-year model runs to eliminate Capital Improvement Plan demand duplication; (3) assigning C-factors; (4) calculating updated water demands; (5) assigning node information such as elevations and demands; (6) running the hydraulic model and checking for errors; (7) and performing quality control on the model.
- B. Semiannual sewer model update tasks shall include: (1) importing new or changed conveyance system information, checking connectivity and refining data; (2) reviewing and modifying future-year model runs to eliminate Capital Improvement Plan and load duplication; (3) assigning Manning's N values; (4) calculating updated wastewater loads; (5) assigning node information such as rim and invert elevations and as; (6) running the hydraulic model and checking for errors; (7) and performing quality control on the model.

C1.2 Land Development Review

- A. Water model development review tasks may include: (1) calculating average day, maximum day and peak hours demands for new development; (2) adding proposed water lines and nodes to model; (3) assigning C-factors, water demands, and elevations; (4) running the model at maximum day demand for required fire flow; (5) writing a memorandum detailing results of model runs and proposed recommendations; (6) and submitting reports as stated in Attachment "2" to this Scope of Services.
- B. Sewer model development review tasks may include: (1) calculating average day peak 2-hour loads for new developments; (2) adding proposed sewer lines, manholes and lift stations and associated sizing and rim and invert elevations to the model; (3) assigning Manning's N values; (4) estimating and assigning wastewater loads within the model; (5) running the model peak wet weather flow conditions; (6) writing a memorandum detailing results of model runs and proposed recommendations; (7) and submitting report as stated in Attachment "2" to this Scope of Services.

C1.3 Operational Analysis Assistance

- A. Tasks related to development and assessment of operational options related to water and sewer system modifications shall include: (1) researching engineering design and operational options; (2) conducting field investigations when necessary and as approved by Client; (3) conceptualizing and

modeling various design and operational scenarios resulting from the research; (4) developing recommendations and cost estimates for selected options; (5) writing a memorandum detailing results of model runs and proposed recommendations.

PART II - TASK ORDERS

C2.1 Issuance of Individual Task Orders

- A. Client will issue in writing individual Task Order(s) to Consultant, authorizing Consultant to perform work under this Agreement. Consultant shall not perform work and/or services outside the Scope of Services of this Agreement and its duly executed Task Orders. An example of the Task Order format to be used under this Agreement is provided in *Appendix C1* to this *EXHIBIT C*.

C2.2 Issuance of Individual Task Orders across Project Categories

- A. HWWS, at its sole discretion, will issue Individual Task Orders to Consultant, authorizing work in a specific category as defined in the Scope of Services or among various work categories defined in the Scope of Services. HWWS reserves the right to solely determine the need for issuance of Individual Task Orders to Consultant for work in all applicable work categories or among specific work categories for any reason or no reason at all.

APPENDIX C1 Task Order Template

TASK ORDER NO. []

Client: Harlingen Waterworks System 134 Van Buren Harlingen, TX 78550 Attn: Timothy E. Skoglund, P.E.	FNI Project No.: <hr/> Client Contract: 19-027-B <hr/> Date:			
This Task Order is authorized in accordance with the terms and conditions outlined in the Master Agreement for On-Call Hydraulic Modeling Services, executed on July 21, 2023.				
Task Description: <hr/> Description of Task Order Services: <ol style="list-style-type: none"> 1. . 2. <u>Technical Memorandum</u>: FNI will develop a technical memorandum to summarize assumptions, analysis and recommendations for _____ and submit one (1) electronic PDF copy of the technical memorandum. 3. <u>Meetings</u>: FNI will attend up to _____ meetings with HWWS staff to coordinate _____ and discuss the results. <p>Deliverables: Deliverables will include _____ and one (1) electronic PDF copy of the technical memorandum summarizing results and assumptions.</p>				
Compensation to FNI for this Task Authorization shall be: A total fee not to exceed _____ Dollars (\$ _____).				
Beginning Balance of Master Agreement Authorization	\$ _____		Amount of this Task Order	\$ _____
Schedule shall be as follows: FNI will complete this task within _____ days of the notice to proceed.				

The above-described services shall proceed upon return of this executed Task Order. Services will be billed as they are performed. All other provisions, terms, and conditions of the agreement for services which are not expressly amended shall remain in full force and effect.

This Task Authorization will serve as notice to proceed.

FREESE AND NICHOLS, INC.:

HARLINGEN WATERWORKS SYSTEM:

BY: _____
 Jessica Vassar, P.E.

BY: _____
 Timothy E. Skoglund, P.E.

TITLE: Associate

TITLE: General Manager

DATE: _____

DATE: _____

Top Customers by Revenue – September 2023

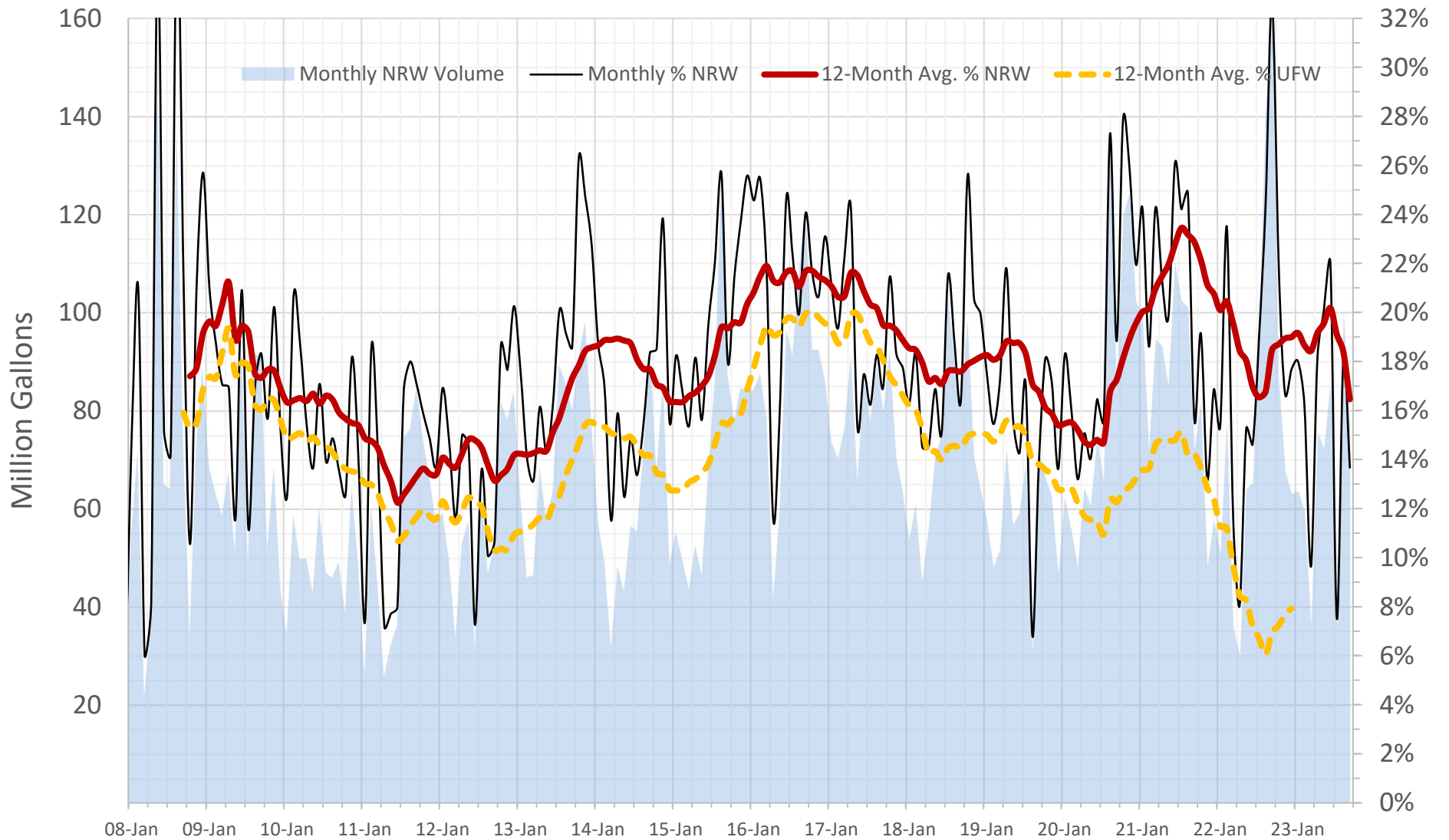
Account Name	Rank	Rank Change	Total Water Gallons	Meter Count	Avg. Water Per Meter	Total Sewer Gallons	Total Revenue
H C I S D	1	0	16,345,400	138	118,445	5,498,800	\$ 54,168
Valley Baptist Medical Center	2	3	8,982,100	38	236,371	7,107,200	\$ 43,666
City of Harlingen	3	-1	13,662,300	153	89,296	3,578,900	\$ 39,743
City of Palm Valley	4	-1	20,645,400	2	10,322,700	-	\$ 34,649
City of Primera	5	-1	14,328,300	1	14,328,300	6,142,000	\$ 34,483
City of Combes	6	0	9,241,500	6	1,540,250	5,477,500	\$ 30,238
Valley Baptist Missions	7	13	4,308,900	4	1,077,225	4,308,900	\$ 24,195
Military Water Supply Corp.	8	-1	9,735,000	1	9,735,000	-	\$ 16,747
Texas Industrial Service	9	-1	2,954,400	2	1,477,200	2,923,000	\$ 16,329
PC Highland Gardens, LP	10	-1	2,604,100	4	651,025	2,558,200	\$ 14,730
Harlingen Medical Center	11	0	2,557,600	10	255,760	1,980,600	\$ 12,185
T. S. T. C.	12	-2	3,403,000	44	77,341	973,300	\$ 11,268
Paradise Park	13	1	2,011,100	3	670,367	1,751,900	\$ 10,549
Sundance Apartments	14	-1	1,863,900	5	372,780	1,612,100	\$ 9,912
Reddy Ice Corporation	15	-3	1,647,600	2	823,800	1,647,600	\$ 9,068
RAYBEC	16	0	1,488,000	2	744,000	1,488,000	\$ 8,233
Strubhart Frank	17	0	1,537,000	1	1,537,000	1,297,200	\$ 8,213
Toreros Investments V LLC	18	-3	1,355,900	2	677,950	1,355,900	\$ 7,997
Marine Academy	19	2	1,338,400	2	669,200	1,338,400	\$ 7,901
Vantage at Harlingen	20	3	1,263,900	5	252,780	1,252,900	\$ 7,051
Boyer Harlingen L.C.	21	6	1,447,000	6	241,167	1,041,900	\$ 6,660
Valley International Airport	22	-4	2,082,100	26	80,081	563,000	\$ 6,586
The University of Texas Rio Grande Valley	23	2	1,808,500	14	129,179	709,000	\$ 6,273
Park Place Estates, Inc	24	0	1,097,400	3	365,800	1,097,400	\$ 6,190
Blue Wave Harrison, (TXST-03)	25	-3	1,139,200	2	569,600	1,076,500	\$ 6,075
Valco Chem. Co.	26		1,018,300	3	339,433	1,018,300	\$ 5,711
Windsor Nursing and Rehabilitation Center	27	6	1,549,500	2	774,750	755,100	\$ 5,664
Sierra Apartments	28		954,000	2	477,000	954,000	\$ 5,306
7-Eleven Inc.	29		583,400	20	29,170	553,900	\$ 5,203
East Rio Hondo Water Supply	30	-11	2,935,168	1	2,935,168	-	\$ 5,130
Valley Int'l Cold Storage	31		901,300	1	901,300	901,300	\$ 4,998
Palm Gardens Associates, LLC	32		813,400	3	271,133	813,400	\$ 4,595
Sunshine R. V. Park	33	-5	760,700	2	380,350	760,700	\$ 4,475
Texas Dept of State Health Services	34		708,800	2	354,400	708,800	\$ 4,451
Stoneleigh Apartment Homes, LLC	35		993,000	11	90,273	562,500	\$ 4,440

WATER LOSS ANALYSIS

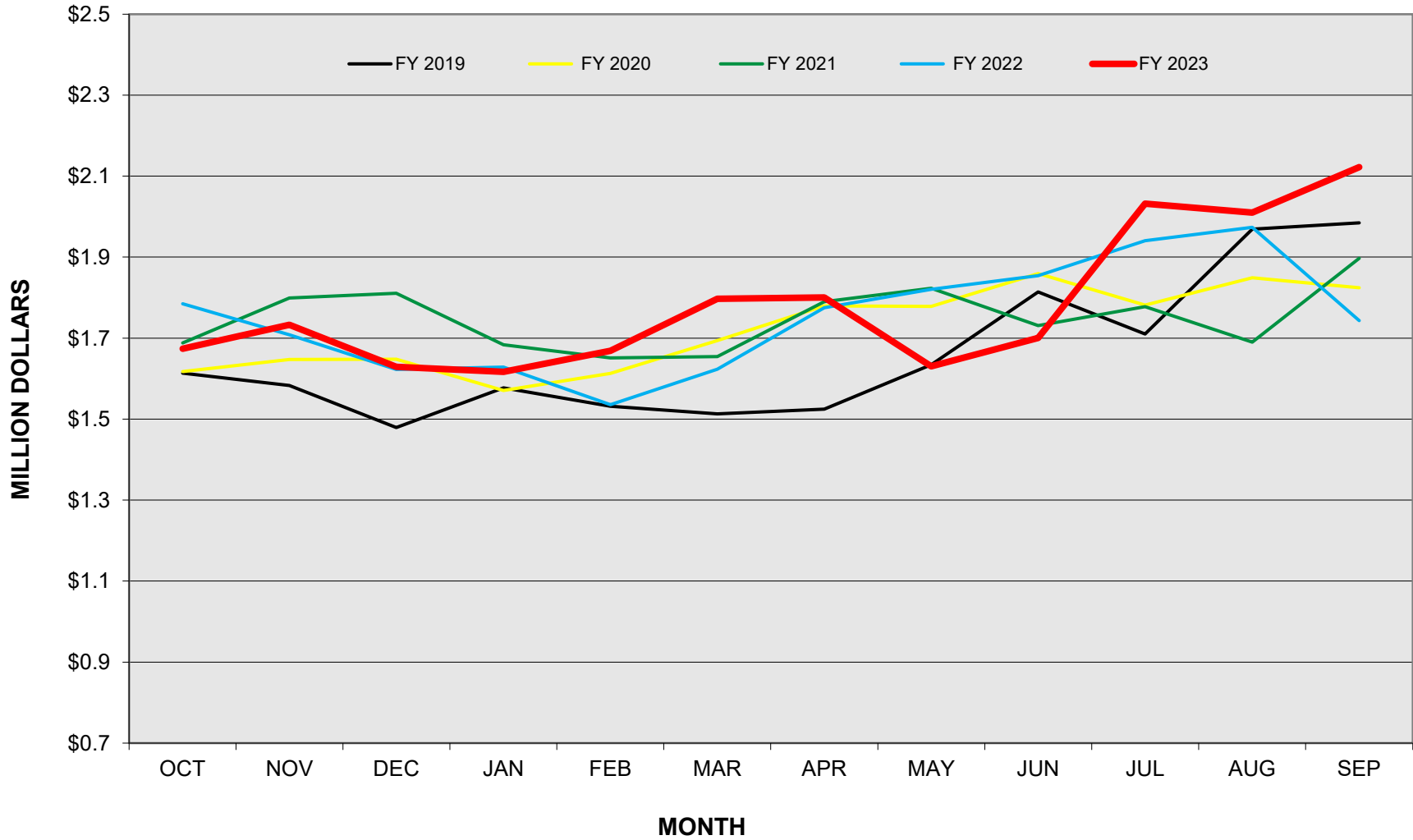
(in million gallons)

	Sep 22	Oct 22	Nov 22	Dec 22	Jan 23	Feb 23	Mar 23	Apr 23	May 23	Jun 23	Jul 23	Aug 23
WATER												
Plant Pumping (60-day avg)	462.2	397.7	385.5	358.8	344.2	359.2	393.8	402.4	366.6	373.9	454.6	544.0
- Retail Volume	290.8	258.5	299.2	255.3	246.6	267.9	292.2	305.3	247.1	263.2	379.2	391.4
- Wholesale Volume	38.6	47.9	39.1	38.3	43.3	39.9	47.4	35.9	40.3	42.6	56.7	58.3
- Flushing	55.6	22.0	23.7	22.2	21.1	16.1	17.6	14.7	16.1	22.0	25.0	25.6
= Unaccounted Water	77.2	69.4	23.6	43.0	33.1	35.3	36.6	46.4	63.2	46.0	-6.4	68.7
Monthly %	17%	17%	6%	12%	10%	10%	9%	12%	17%	12%	-1%	13%
12-Month Average %	7.1%	7.4%	7.3%	7.6%	7.8%	7.6%	7.7%	8.3%	8.9%	10.0%	9.3%	11.1%
Non-Revenue Water	132.8	91.4	47.2	65.1	54.3	51.4	54.2	61.1	79.2	68.0	18.6	94.3
Monthly %	29%	23%	12%	18%	16%	14%	14%	15%	22%	18%	4%	17%
12-Month Average %	18.4%	18.7%	18.5%	18.6%	18.6%	17.9%	17.7%	18.0%	18.4%	18.7%	17.2%	16.9%

Non-Revenue (NRW) & Unaccounted-For Water (UFW)



Billed Water & Sewer

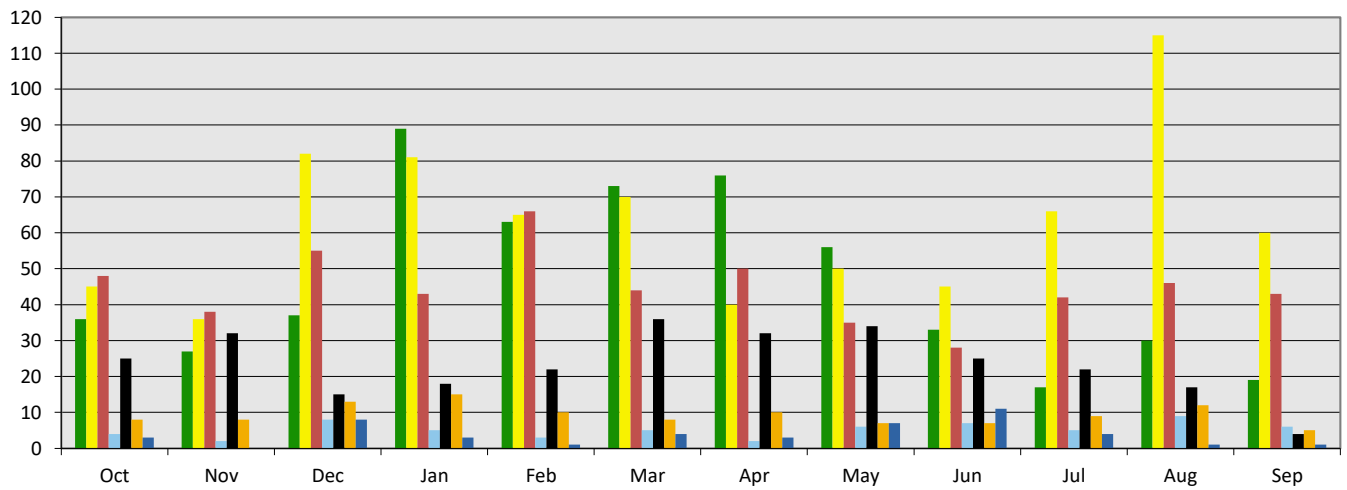


FY 2023 SEWER OPERATIONS

Operations Events

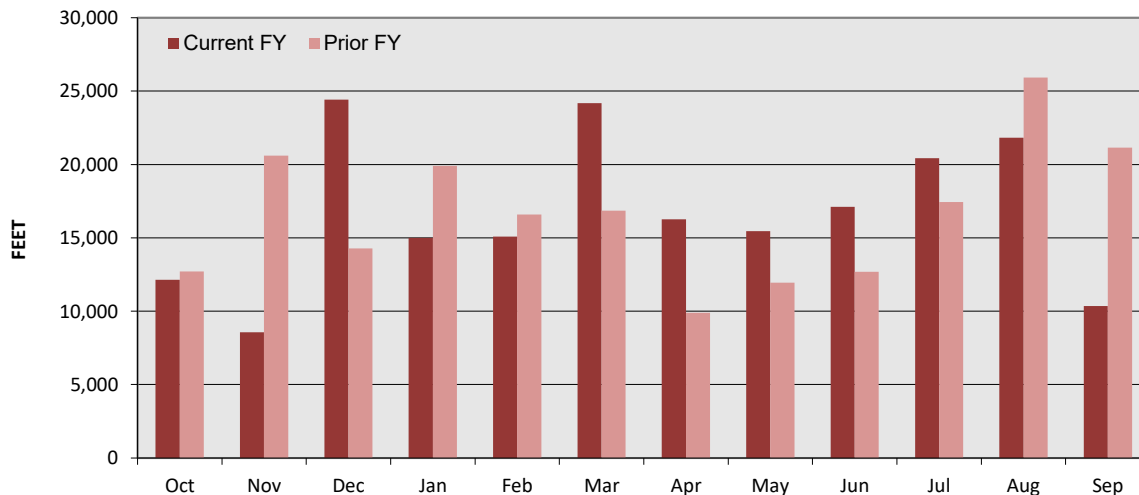
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	FYTD
Lift Station Alarms & Maint.	36	27	37	89	63	73	76	56	33	17	30	19	556
Manhole & Mainline Maint.	45	36	82	81	65	70	40	50	45	66	115	60	755
Sewer Backup	48	38	55	43	66	44	50	35	28	42	46	43	538
Sewer Odor Complaints	4	2	8	5	3	5	2	6	7	5	9	6	62
Washdowns	1	3	2	2	3	2	1	3	3	8	9	6	43
Miscellaneous	25	32	15	18	22	36	32	34	25	22	17	4	282
Sewer Taps	8	8	13	15	10	8	10	7	7	9	12	5	112
Cust. Svc. TV/Inspection	3	0	8	3	1	4	3	7	11	4	1	1	46
Electrical Maintenance	42	57	55	48	46	58	68	68	59	51	66	52	670
TOTALS	212	203	275	304	279	300	282	266	218	224	305	196	3,064

■ Lift Station Alarms & Maint.
 ■ Manhole & Mainline Maint.
 ■ Sewer Backup
 ■ Sewer Odor Complaints
 ■ Miscellaneous
 ■ Sewer Taps
 ■ Cust. Svc. TV/Inspection



Length of Sewer Lines Tested, Cleaned & Maintained (feet)

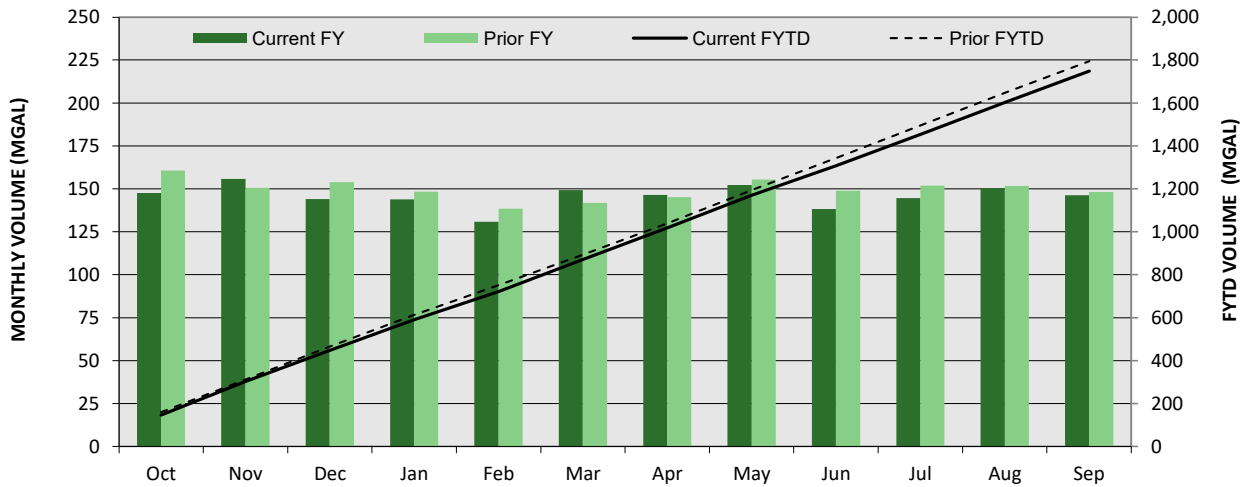
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	FYTD
Current FY	12,145	8,575	24,422	15,004	15,082	24,170	16,257	15,462	17,112	20,434	21,832	10,346	200,841



FY 2023 WASTEWATER TREATMENT, REUSE, SLUDGE

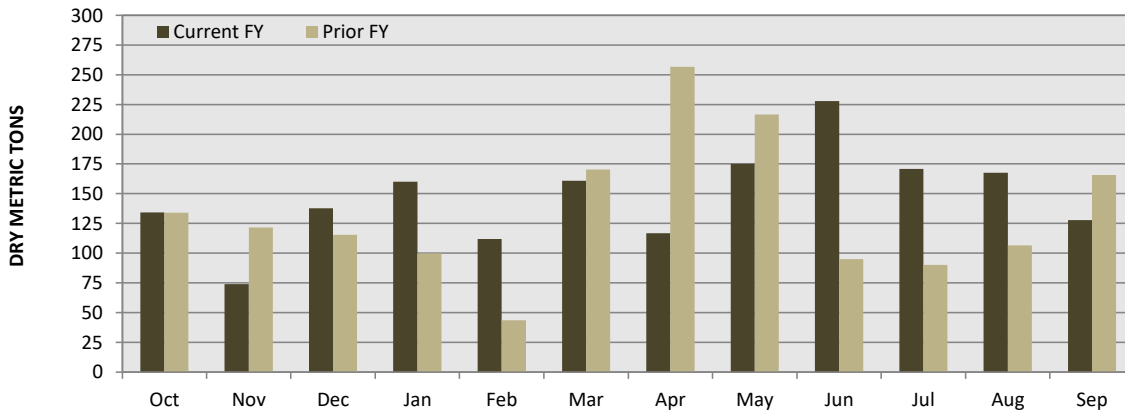
Wastewater Treated

(million gallons)	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	FYTD
Discharge to Arroyo	128	148	135	124	114	138	137	141	127	135	139	129	1,594
Total Reclaimed Water	19.3	8.0	8.9	19.7	16.9	11.5	9.1	10.9	11.6	9.6	11.8	17.6	155
Treasure Hills GC	9.8	3.1	6.1	12.9	8.3	9.7	7.3	9.1	10.3	8.3	9.8	8.7	103.4
Ramsey Park	1.2	1.1	1.2	1.8	1.9	1.0	1.0	1.3	1.3	1.2	1.0	1.0	15.0
Soccer Complex	5.8	2.9	1.0	4.2	6.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	26.9
Plant Reuse	2.4	0.9	0.6	0.9	0.7	0.8	0.8	0.4	0.0	0.0	1.0	0.9	9.4
Monthly Total	148	156	144	144	131	149	146	152	138	145	150	146	
FYTD	148	303	447	591	722	871	1,017	1,170	1,308	1,453	1,603	1,749	



Sludge Production

(dry metric tons)	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	FYTD
Current FY	134.3	74.0	137.8	160.1	111.7	160.8	116.8	175.1	227.7	170.9	167.7	127.7	1,765



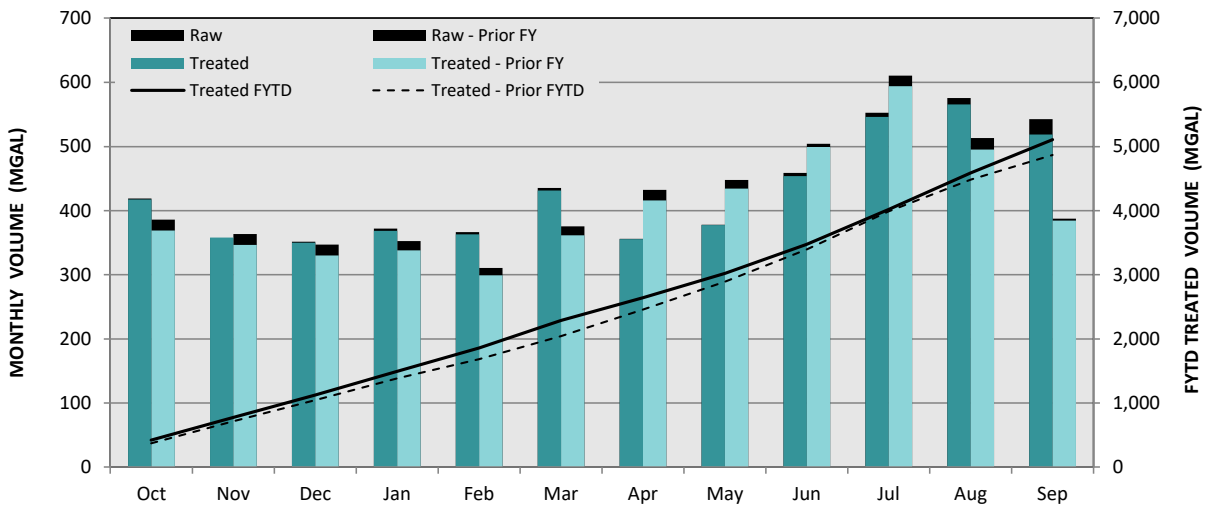
FY 2023 WATER PUMPAGE & WEATHER

Raw Water

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Monthly Total (mgal)	419	357	352	372	366	435	356	378	459	553	576	543
Daily Average	13.5	11.9	11.3	12.0	13.1	14.0	11.9	12.2	15.3	17.8	18.6	18.1
Max Day	16.0	14.1	13.7	13.5	15.8	18.0	13.8	13.9	18.3	20.6	23.8	20.4
FYTD	419	776	1,128	1,500	1,866	2,301	2,657	3,035	3,494	4,047	4,623	5,166

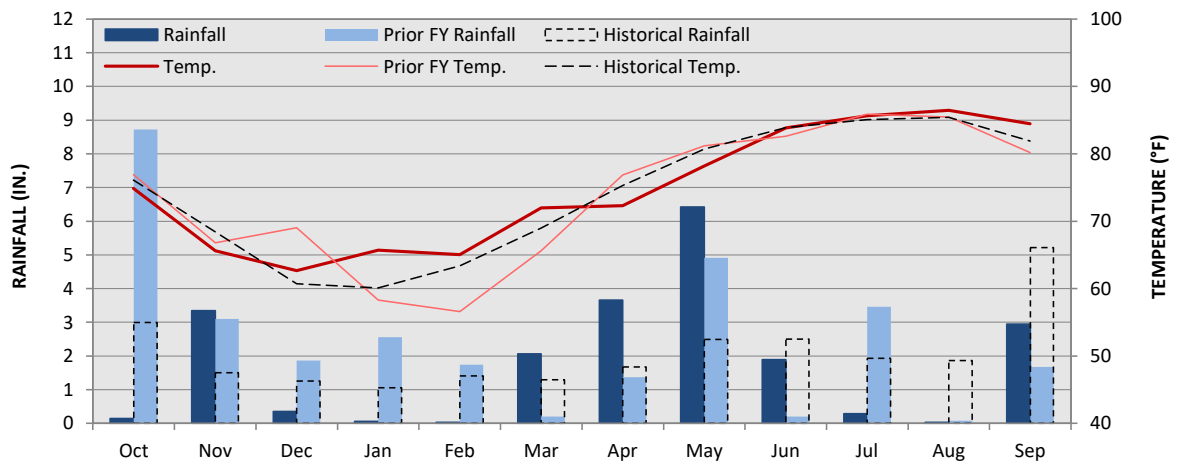
Treated Water

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Monthly Total (mgal)	417	358	350	368	363	431	355	378	454	546	565	519
Daily Average	13.5	11.9	11.3	11.9	13.0	13.9	11.8	12.2	15.1	17.6	18.2	17.3
Max Day	15.4	14.1	13.5	13.6	15.6	17.8	13.9	13.8	18.2	20.9	22.2	19.9
FYTD	417	775	1,126	1,494	1,857	2,288	2,643	3,021	3,475	4,021	4,587	5,106



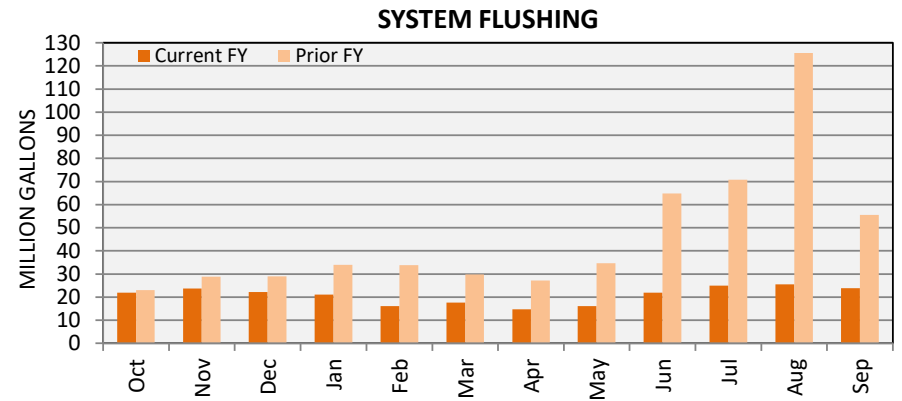
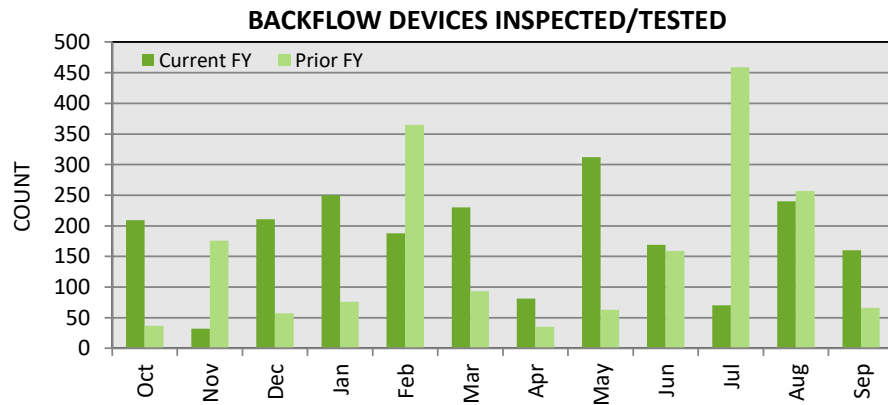
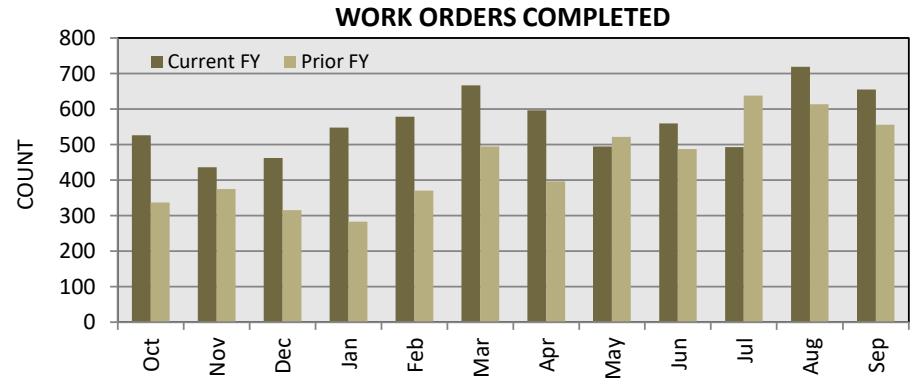
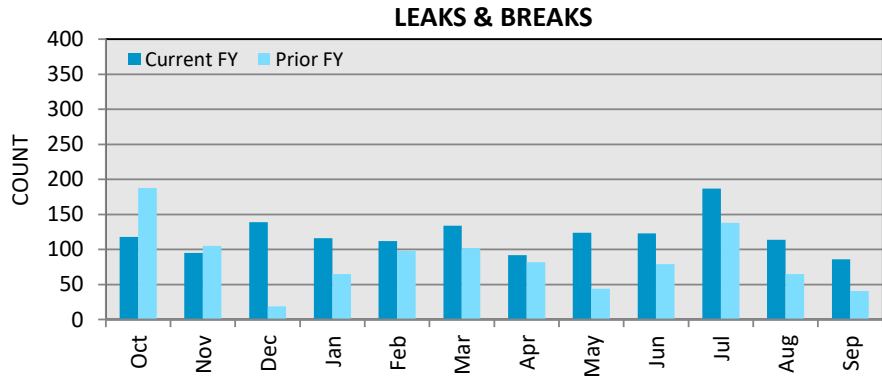
Weather

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	FYTD
Rainfall (in.)	0.15	3.35	0.35	0.06	0.03	2.06	3.66	6.42	1.89	0.29	0.03	2.95	21.2
Historical Rainfall	2.99	1.50	1.26	1.06	1.41	1.29	1.67	2.49	2.50	1.93	1.86	5.22	25.2
Average Temp. (°F)	74.9	65.6	62.7	65.7	65.0	72.0	72.3	78.2	83.9	85.7	86.5	84.5	74.7
Historical Avg. Temp.	76.1	68.4	60.7	60.1	63.4	69.0	75.3	80.7	83.9	85.1	85.4	81.9	74.2



FY 2023 WATER DISTRIBUTION OPERATIONS

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Leaks & Breaks	118	95	139	116	112	134	92	124	123	187	114	86
Work Orders Completed	526	436	462	548	578	667	596	495	559	493	719	655
New Meters Installed	6	5	2	3	7	4	0	3	9	7	5	2
Water Taps	6	5	2	3	7	4	0	3	9	7	5	2
Backflow Devices Inspected/Tested	209	32	211	250	188	230	81	312	169	70	240	160
Hydrants Flushed	80	83	74	99	65	67	57	87	65	43	53	97
Flushed Water (mgal)	22.0	23.7	22.2	21.1	16.1	17.6	14.7	16.1	22.0	25.0	25.6	23.9
Hydrant Count	2,670	2,723	2,724	2,723	2,723	2,727	2,738	2,740	2,743	2,743	2,745	2,747



FY 2023 Customer Service Operations

Customer Service Representatives

Description	FY19	FY20	FY21	FY22	FY23	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Connects Taken in CS	3,526	3,503	3,704	3,419	3,282	306	214	235	249	250	280	243	275	336	314	296	284
Disconnects Taken in CS	3,446	3,222	3,412	3,230	3,137	268	213	245	213	202	263	302	285	309	312	273	252
Accounts Billed	315,249	319,199	326,245	331,282	333,006	27,693	27,822	27,624	27,654	27,691	27,776	27,817	27,706	27,782	27,798	27,802	27,841
Past Due Notices Issued	96,556	92,223	156,034	88,471	80,174	5,411	9,280	7,508	7,391	5,186	6,709	4,970	8,379	5,380	5,149	7,003	7,808
Emails Handled	4,373	5,383	7,498	8,859	17,606	933	665	519	598	602	1,575	1,658	2,005	2,253	2,081	2,561	2,156
Returned Items	307	212	228	591	534	44	56	45	38	27	35	22	55	50	57	52	53
Phone Calls Handled	97,910	119,261	128,697	102,329	109,648	9,014	8,366	9,481	9,148	9,802	9,330	9,483	9,449	9,288	8,372	9,111	8,804

Service Technicians

Description	FY19	FY20	FY21	FY22	FY23	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Connects	3,526	3,503	3,784	3,419	3,282	306	214	235	249	250	280	243	275	336	314	296	284
Disconnects	3,446	3,222	3,412	3,230	3,137	268	213	245	213	202	263	302	285	309	312	273	252
Non Pay Cut Offs	6,279	2,235	6,148	5,858	5,408	507	443	595	541	357	473	513	332	444	428	343	432
Non Pay Reconnects	5,162	1,860	4,920	4,773	3,964	375	293	447	386	246	350	375	250	327	339	233	343
After Hours Calls	258	109	217	298	254	30	20	33	27	23	21	26	17	17	13	15	12
Meter Installs	181	273	301	300	293	26	10	14	21	22	25	22	24	45	34	31	19
Bullhead Taps	30	29	42	59	45	1	6	6	6	1	8	1	3	4	3	1	5
Meter Changes	6,195	4,231	691	1,135	506	98	64	42	78	35	19	24	12	19	39	45	31
General Work Orders	4,349	4,007	2,746	4,089	3,518	337	287	202	216	205	287	174	341	262	367	478	362
Meters Read	344,463	348,554	356,294	360,909	367,443	30,298	30,330	33,683	30,225	27,931	32,611	30,288	30,327	30,371	29,904	32,602	28,873

Cashiers/Payment Analysis

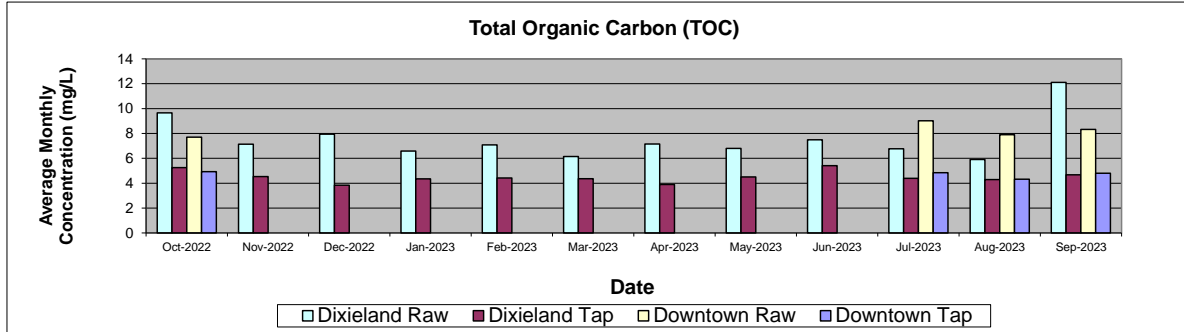
Description	FY19	FY20	FY21	FY22	FY23	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Cash	71,668	60,400	52,041	49,869	46,286	3,874	3,991	4,111	3,941	3,772	4,021	3,400	4,069	3,883	3,504	3,907	3,813
Checks	42,617	39,177	39,312	37,154	34,450	2,869	2,840	2,983	2,867	2,749	3,092	2,534	3,134	2,838	2,679	2,970	2,895
Kiosks	2,305	779	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Onlines	50,978	56,086	61,760	76,425	91,380	6,522	6,922	5,758	6,700	8,460	7,837	7,822	8,298	8,464	7,679	8,379	8,539
Phone System IVR	21,165	24,619	30,673	30,344	28,505	2,150	2,163	2,367	2,309	2,497	2,448	2,324	2,414	2,508	2,374	2,444	2,507
Mail/Drop Box	32,821	32,923	30,616	23,968	21,933	2,786	1,717	1,729	1,885	1,617	1,937	1,610	1,892	1,823	1,611	1,755	1,571
Bank Drafts	47,361	49,914	51,028	53,207	54,902	4,453	4,480	4,624	4,640	4,638	4,633	4,590	4,577	4,549	4,552	4,563	4,603
Fiserv	23,409	24,969	25,529	23,147	21,633	1,812	1,916	1,878	1,760	1,702	1,953	1,608	2,034	1,810	1,604	1,837	1,719
Credit Cards in Office	8,450	7,385	7,080	7,605	8,769	700	648	716	754	776	751	822	693	705	780	705	719
Wire Transfers	325	403	422	588	524	26	56	52	53	33	42	35	40	50	41	51	45
Payments Taken	301,099	296,655	298,461	302,307	308,382	25,192	24,733	24,218	24,909	26,244	26,714	24,745	27,151	26,630	24,824	26,611	26,411

Payment Trend

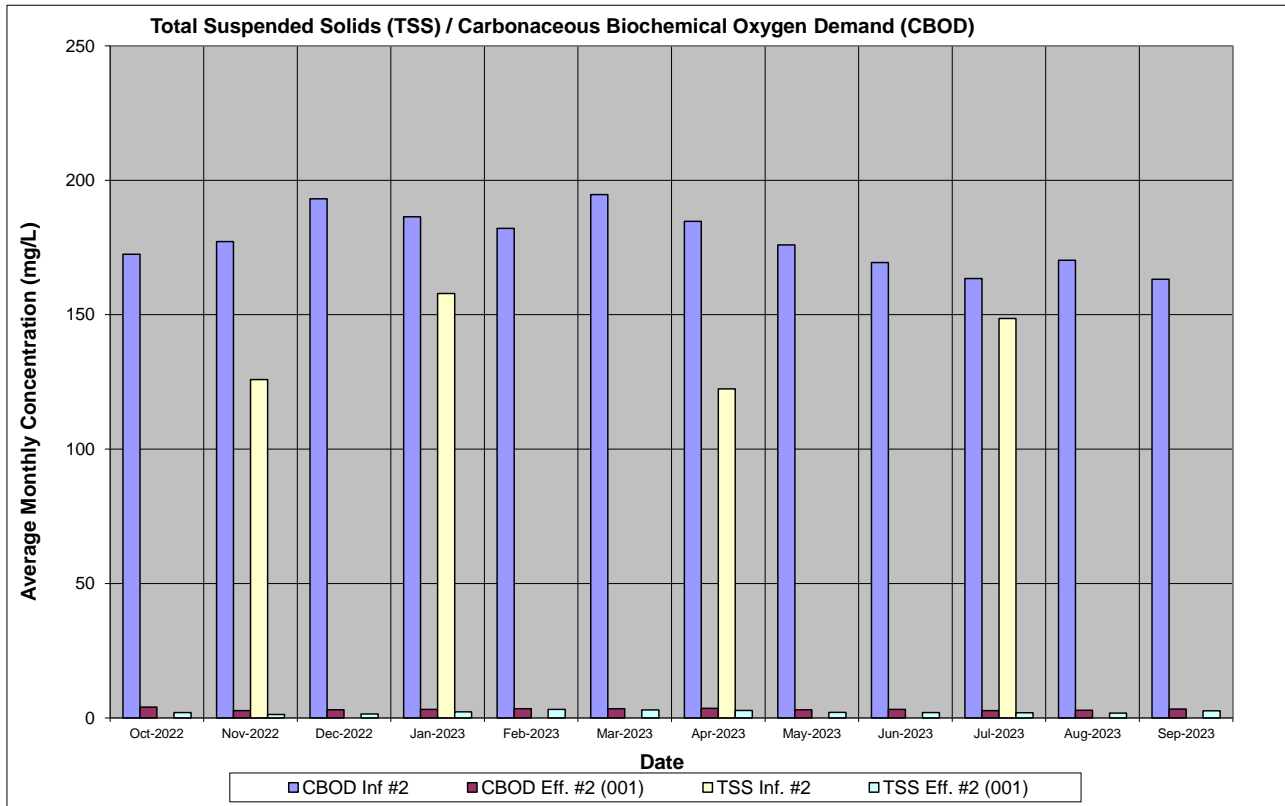
Description	FY 12	FY 13	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	FY 20	FY 21	FY 22	FYTD 23
Description	%	%	%	%	%	%	%	%	%	%	%	%
Cash	24.3	23.4	22.6	21.6	20.6	23.4	24.2	23.8	20.4	17.4	16.5	15.0
Checks	16.1	14.5	13.5	11.1	10.6	12.8	14.1	14.2	13.2	13.2	12.3	11.2
Kiosks	0.1	1.3	1.4	1.5	1.4	1.2	0.7	0.8	0.3	0.0	0.0	0.0
Onlines	21.3	23.3	25.3	27.5	22.2	17.3	15.5	16.9	18.9	20.7	25.3	29.6
Phone System IVR	0.0	0.0	0.0	0.0	7.4	7.3	6.9	7.0	8.3	10.3	10.0	9.2
Mail/Drop Box	18.7	13.6	12.6	12.8	12.2	12.9	12.5	10.9	11.1	10.3	7.9	7.1
Bank Drafts	10.7	11.5	11.8	12.5	12.1	12.9	14.9	15.7	16.8	17.1	17.6	17.8
Fiserv	3.5	6.9	7.2	7.2	7.1	7.4	7.8	7.8	8.4	8.6	7.7	7.0
Credit Cards in Office	5.3	5.3	5.5	5.7	6.3	4.7	3.1	2.8	2.5	2.4	2.5	2.8
Wire Transfers	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Environmental Compliance Division

Client Samples Analyzed Each Month												
	Oct-2022	Nov-2022	Dec-2022	Jan-2023	Feb-2023	Mar-2023	Apr-2023	May-2023	Jun-2023	Jul-2023	Aug-2023	Sep-2023
TOC	4	2	2	2	2	4	2	2	6	6	12	6
CBOD	47	44	49	50	44	49	51	47	49	47	47	45
TSS	29	34	31	33	28	32	28	33	29	33	32	30



The above graph shows the reduction in concentration of TOC obtained at both Drinking Water Treatment Plants. TOC describes any organic (carbon containing compounds) in water. TOC is broken down by microorganisms consuming oxygen in the process. At high TOC concentrations, so much oxygen is consumed that other aquatic species cannot survive. Also, drinking water TOC reduction is required when disinfection byproducts such as THMs (trihalomethanes) start to increase.



The above graph shows the reduction in concentration of both TSS and CBOD obtained at WWTP #2 each month.

FY 2023 Activity Report

September

Retail Billing	JUL	AUG	SEP	FYTD	PRIOR FYTD	% CHANGE
WATER						
Volume (mgal)	379.2	391.4	423.6	3,629.4	3,549.0	2.3%
Charges	\$ 946,134	\$ 965,452	\$ 1,022,611	\$ 9,643,853	\$ 9,439,912	2.2%
Base	\$ 262,743	\$ 262,384	\$ 263,025	\$ 3,140,232	\$ 3,100,734	1.3%
Fuel	\$ 22,758	\$ 23,486	\$ 25,429	\$ 217,766	\$ 212,926	2.3%
Commodity	\$ 660,633	\$ 679,581	\$ 734,157	\$ 6,285,855	\$ 6,126,252	2.6%
SEWER						
Volume (mgal)	208.5	200.9	215.4	2,226.1	2,201.0	1.1%
Charges	\$ 958,280	\$ 928,194	\$ 984,242	\$ 10,450,229	\$ 10,329,319	1.2%
Base	\$ 171,784	\$ 171,483	\$ 171,819	\$ 2,055,193	\$ 2,033,061	1.1%
Fuel	\$ 22,909	\$ 22,106	\$ 23,721	\$ 244,865	\$ 241,897	1.2%
Commodity	\$ 763,588	\$ 734,604	\$ 788,702	\$ 8,150,171	\$ 8,054,361	1.2%

Wholesale Billing	JUL	AUG	SEP	FYTD	PRIOR FYTD	% CHANGE
WATER						
Volume (mgal)	56.7	58.3	56.9	546.7	471.9	15.9%
Charges	\$ 95,403	\$ 98,252	\$ 96,037	\$ 923,061	\$ 810,403	13.9%
Combes	\$ 17,276	\$ 14,794	\$ 14,354	\$ 175,887	\$ 143,364	22.7%
East Rio Hondo	\$ 5,653	\$ 5,225	\$ 5,130	\$ 70,832	\$ 66,367	6.7%
Palm Valley	\$ 30,004	\$ 35,512	\$ 35,304	\$ 302,200	\$ 249,721	21.0%
Military Highway	\$ 15,891	\$ 17,161	\$ 16,747	\$ 110,001	\$ 90,255	21.9%
Primera	\$ 26,580	\$ 25,560	\$ 24,502	\$ 264,141	\$ 260,696	1.3%
SEWER						
Volume (mgal)	13.0	10.4	11.6	159.3	179.3	-11.2%
Charges	\$ 28,597	\$ 24,878	\$ 25,865	\$ 355,785	\$ 386,190	-7.9%
Combes	\$ 17,520	\$ 17,311	\$ 15,883	\$ 223,248	\$ 228,537	-2.3%
East Rio Hondo	\$ -	\$ -	\$ -	\$ -	\$ -	NA
Primera	\$ 11,077	\$ 7,567	\$ 9,981	\$ 132,537	\$ 157,653	-15.9%

Total Billing	JUL	AUG	SEP	FYTD	PRIOR FYTD	% CHANGE
Water Volume (mgal)	436.0	449.7	480.5	4,176.2	4,020.9	3.9%
Water Charges	\$ 1,041,537	\$ 1,063,704	\$ 1,118,647	\$ 10,566,915	\$ 10,250,315	3.1%
Sewer Volume (mgal)	221.4	211.3	227.0	2,385.4	2,380.4	0.2%
Sewer Charges	\$ 986,877	\$ 953,072	\$ 1,010,107	\$ 10,806,014	\$ 10,715,509	0.8%

FY 2023 Activity Report

September

Accounts	JUL	AUG	SEP	FYTD*	PRIOR FYTD*	% CHANGE
WATER						
Billed	27,803	27,807	27,846	332,675	328,791	1.2%
ICL	24,449	24,454	24,480	292,394	288,750	1.3%
OCL	3,354	3,353	3,366	40,281	40,041	0.6%
All Meters	30,448	30,492	30,526	30,526	30,143	1.3%
Active	27,686	27,704	27,780	27,780	27,383	1.4%
Inactive	2,762	2,788	2,746	2,746	2,760	-0.5%
Sprinkler Meters	2,315	2,320	2,330	2,330	2,283	2.1%
Active	2,046	2,046	2,057	2,057	2,023	1.7%
Inactive	269	274	273	273	260	5.0%
Turnover + New	314	296	284	3,292	3,697	-11.0%
Residential	285	268	268	3,011	3,105	-3.0%
Commercial	29	28	16	281	592	-52.5%
Industrial	0	0	0	0	0	NA
Potential	944	980	959	959	976	-1.7%
SEWER						
Billed	21,785	21,758	21,799	260,478	257,424	1.2%
ICL	20,526	20,501	20,534	245,373	242,385	1.2%
OCL	1,259	1,257	1,265	15,105	15,039	0.4%
Total Accounts	22,622	22,654	22,697	22,697	22,380	1.4%
Active	21,759	21,791	21,835	21,835	21,508	1.5%
Inactive	863	863	862	862	872	-1.1%

New Connections	JUL	AUG	SEP	FYTD	PRIOR FYTD	% CHANGE
WATER						
Total	44	37	26	387	393	-1.5%
Non-Sprinkler	40	34	21	342	336	1.8%
Sprinkler	4	3	5	45	57	-21.1%
Residential	33	27	16	309	331	-6.6%
ICL Domestic	27	24	13	265	269	-1.5%
ICL Sprinkler	1	1	1	18	38	-52.6%
OCL Domestic	5	2	2	26	24	8.3%
OCL Sprinkler	0	0	0	0	0	NA
Commercial	11	10	10	78	62	25.8%
ICL Non-Sprinkler	8	8	6	47	41	14.6%
ICL Sprinkler	3	2	4	27	19	42.1%
OCL Non-Sprinkler	0	0	0	4	2	100.0%
OCL Sprinkler	0	0	0	0	0	NA
SEWER						
Total	34	30	18	308	316	-2.5%
ICL Residential	26	23	14	263	266	-1.1%
OCL Residential	1	0	0	3	9	-66.7%
ICL Commercial	7	7	4	42	39	7.7%
OCL Commercial	0	0	0	0	2	-100.0%
Septic Tanks	5	4	3	35	24	45.8%

Miscellaneous	JUL	AUG	SEP	FYTD*	PRIOR FYTD	% CHANGE
Requested Disconnects	312	273	252	3,169	3,513	-9.8%
Delinquent Disconnects	428	343	432	5,408	5,858	-7.7%
Penalties Total	\$ 16,061	\$ 30,227	\$ 26,188	\$ 274,989	\$ 280,305	-1.9%
Penalties Residential	\$ 13,054	\$ 26,432	\$ 21,001	\$ 214,737	\$ 225,129	-4.6%
New Meters Installed	37	32	24	337	356	-5.3%
Active Subdivisions	14	11	11	11	9	22.2%

*Italicized amounts in FYTD columns represent values for the indicated month, not FYTD totals



TEMPORARY STAFFING REPORT
September 2023

Temporary Staffing - Water							Hours as of	Billing	Total
PO	Vacancy	Dept	Temp Name	Replacing	Start Date	End Date	End of Month	Rate (\$/hr)	Billing
212487	Building Maintenance	35	Aurelio Meza	Jose A. Rodriguez	9/26/2022	2/10/2023	0	\$ 14.20	\$ -
212486	Groundskeeper	35	Hector Barrios	Jesus Hernandez-Martinez	9/26/2022	11/11/2022	0	\$ 17.04	\$ -
									\$ -
									\$ -
									\$ -
Totals							0		\$ -

**NOTES: Meza hired 2/13/2023

Temporary Staffing - Wastewater							Hours as of	Billing	Total
PO	Vacancy	Dept	Temp Name	Replacing	Start Date	End Date	End of Month	Rate (\$/hr)	Billing
	None								\$ -
									\$ -
									\$ -
									\$ -
									\$ -
Totals							0		\$ -