



NORTH
TEXAS
MUNICIPAL
WATER
DISTRICT

2023-2024 ANNUAL BUDGET



WATER
SERVICES



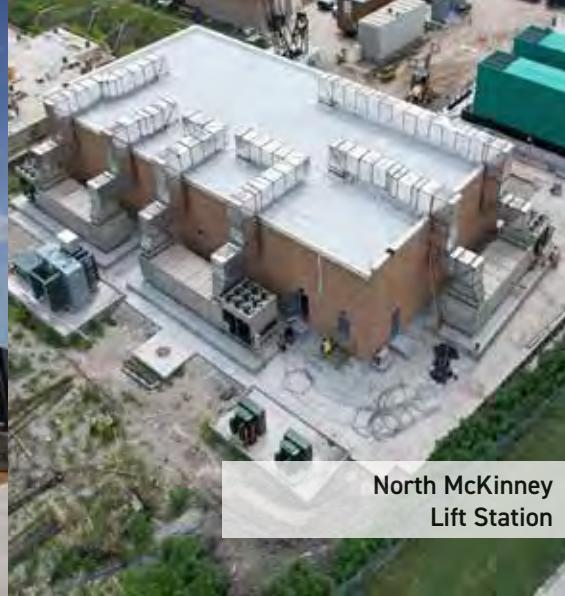
WASTEWATER
SERVICES



SOLID WASTE
SERVICES



Leonard Water
Treatment Plant



North McKinney
Lift Station



121 Regional
Disposal Facility

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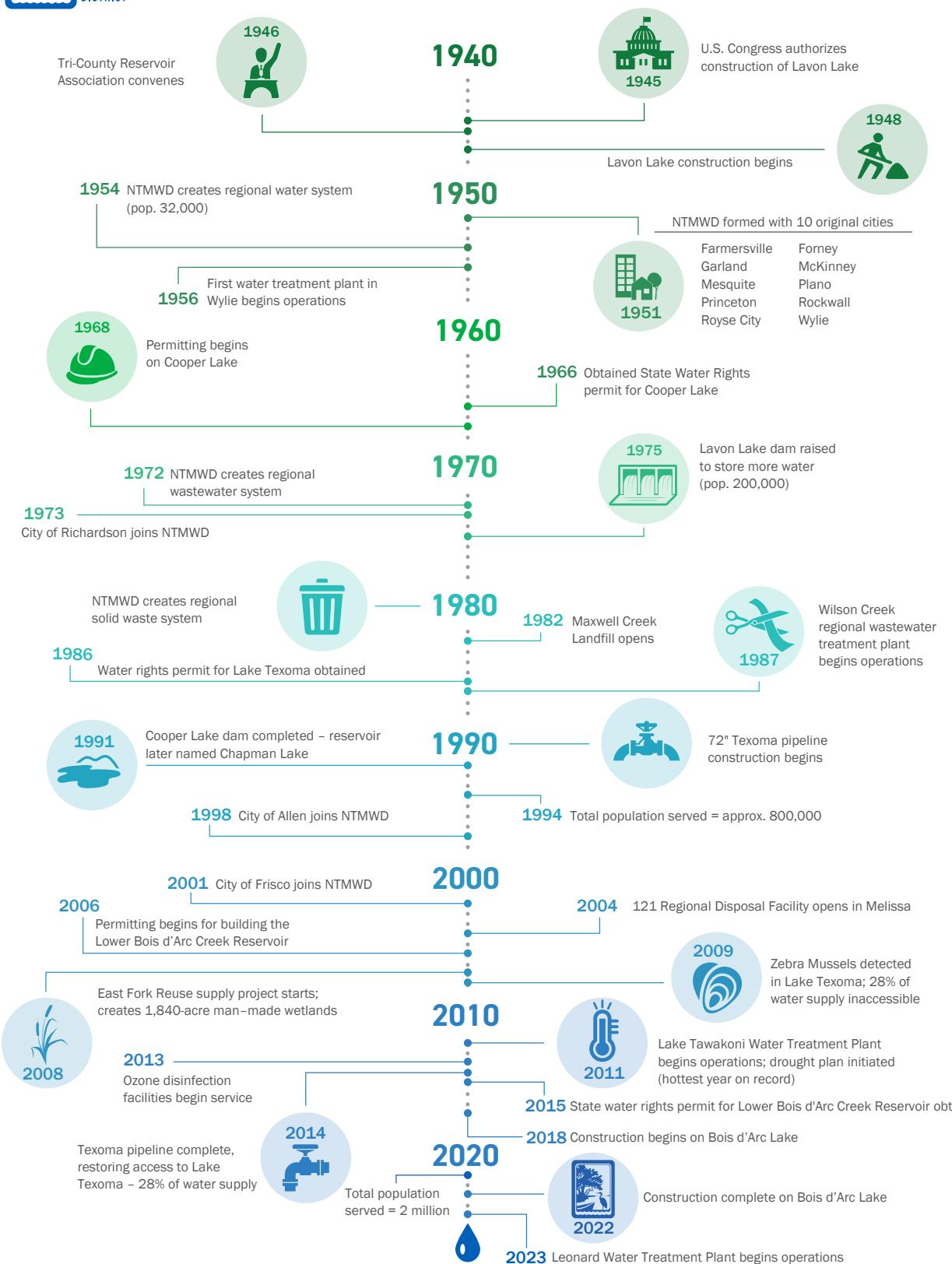
INTRODUCTION

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LEGACY OF SERVICE

Meeting Our Region's Needs Today and Tomorrow







Regional. Reliable. Everyday.

September 28, 2023

Board of Directors
North Texas Municipal Water District
P.O. Box 2408
Wylie, Texas 75098

RE: FY24 ALL SYSTEMS BUDGET

Dear Directors:

We are pleased to present the FY24 Annual All Systems Budget for the North Texas Municipal Water District. The Finance Staff has diligently prepared this budget document based on submissions from the Department Managers and with the subsequent approval of the Executive Director.

Looking ahead to FY 2024, our primary focus remains on planning for the long-term needs of the region, ensuring that future supplies and services are readily available to meet the demands of growth. As an organization heavily invested in infrastructure development, we continuously seek opportunities to minimize borrowing costs and mitigate impacts on rates. Earlier this year, we conducted an analysis of our Extendable Commercial Paper Programs (ECP) and found it appropriate to expand the size of these programs in the Regional Water, Regional Wastewater, and Upper East Fork Interceptor Systems. This expansion enhances flexibility in timing bond issues, allowing us to delay borrowing until necessary for paying project invoices. The effects of these expanded ECP programs have been integrated into the proposed budgets for the aforementioned three systems.

Financial challenges persist, including higher interest rates, stubborn inflation, elevated property insurance premiums, and higher-than-normal staff turnover. Nevertheless, we have witnessed positive developments, such as additional income from investment earnings and a reduction in workers' compensation insurance premiums due to our efforts in fostering a safety-first culture. To accommodate operational growth and support capital improvement programs, the Shared Services budget, encompassing maintenance and internal support services, will experience growth as well. These costs are distributed across all systems based on usage.

Several water and wastewater capital improvement projects have been initiated to optimize our services. For instance, the replacement of older belt filter press technology with centrifuge dewatering equipment at the South Mesquite and Rowlett Creek Regional Wastewater Treatment Plants will enhance process efficiency, resulting in decreased future sludge hauling and disposal costs. Additionally, progress is being made on the Linear Asset Management Plan (LAMP), which will enable informed pipeline management decisions and help control the risk of failure within the Regional Water System.

We are proud to state that the District successfully fulfills the contractual obligations to

Regional Service Through Unity...Meeting Our Region's Needs Today and Tomorrow

participating entities while adhering to state and federal laws and maintaining a strong commitment to environmental protection, all at reasonable costs in all systems.

The submitted budget provides the necessary funding for operation and maintenance expenses, capital expenditures, and debt service, enabling the District to continue delivering essential services throughout its service area.

RECOMMENDATION

The FY24 Annual All Systems Budget, as proposed, of \$743,392,815 provides a responsible plan for the financial operations and development of the North Texas Municipal Water District. The Executive Director and Staff recommend approval, of the FY23 Amended and FY24 Proposed Budget, to the Board of Directors at the September 28, 2023, regular Board Meeting. Should you have any questions or need additional information, please do not hesitate to contact my office or Jeanne Chipperfield, Deputy Director – Administrative Services.

Respectfully Submitted,

DocuSigned by:


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JENNAFER P. COVINGTON
Executive Director



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**North Texas Municipal Water District
Texas**

For the Fiscal Year Beginning

October 01, 2022

Christopher P. Morrell

Executive Director

The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to the **North Texas Municipal Water District** for its annual budget for fiscal year beginning October 1, 2022. This is the fourth consecutive year that the District has received this prestigious award. In order to receive this award, a governmental unit must publish a budget document that meets program criteria as a policy document, as an operations guide, as a financial plan and as a communications device.

This award is valid for a period of one year only. We believe our current budget continues to conform to program requirements, and we are submitting it to GFOA to determine its eligibility for another award.

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Who We Serve

The North Texas Municipal Water District (NTMWD or the District) serves one of the fastest growing regions in the country by providing essential services to approximately 2 million people in over 80 communities. The District's service area spans over 2,200 square miles across 10 counties in North Texas and is located within the greater Dallas-Fort Worth Metroplex Region (Metroplex). The number of residents in the District's service area is anticipated to grow to 3.7 million people by 2050. The District's service area is assumed to closely mirror the overall Metroplex in demographic and economic trends.

Population and Composition

Between 2010 and 2020, the population for the counties in the Metroplex grew by approximately 19.5% and the growth is expected to continue. White (not Hispanic) makes up the largest population by race at 49% for the Metroplex while Hispanic makes up the second largest population by race at nearly 28%. Black (not Hispanic) (15%) and Other (8%) account for the remainder of the population by race.

The median age, according to a recent census analysis for the Metroplex, is on par with the state at 34.6 years.

Education

The Metroplex's high school graduation rate is around 90%, which is on par with the state. Nearly 37% of adults aged 25 and older have a Bachelor's degree, which is ahead of both the state and national average.

Jobs and Wages

In recent years, the Metroplex made up nearly 30% of the state's total employment. Employment in the area grew by 22% over the last 10 years adding over 708,000 jobs. In 2021, employment expanded rapidly at a rate of 5.9%, helping the area regain its pre-pandemic level of employment by July 2021. The unemployment rate for the area is holding steady at around 4%.

The average wage for the area is roughly \$70,583, just edging out the average wage for the state and the nation. Wages, adjusted for inflation, have increased 3% during the last 10 years which is a little less than the wage growth at the state and national levels during the same period.

Only about 36% of the Metroplex households have incomes less than \$50,000 compared to about 41% for the State of Texas. This indicates that the area includes more household wealth than the state average.

Industries

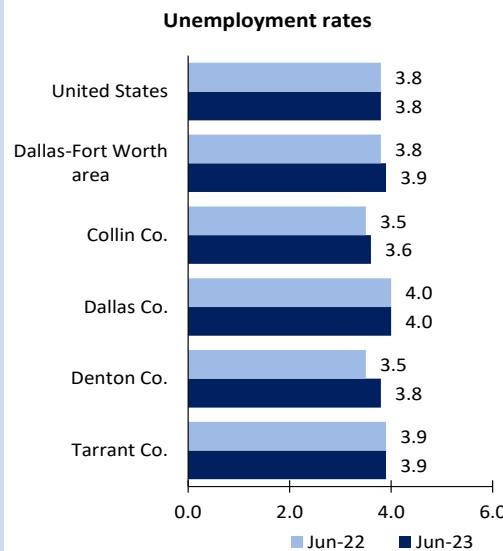
The Metroplex includes many industries covering a variety of businesses from telecommunications, financial, insurance, auto, defense, government, retail, data processing, education and healthcare. Some of the largest employers in the area include American Airlines, Bank of America, Wal-Mart, AT&T, Lockheed Martin, Baylor Health Care System, JPMorgan Chase, Texas Instruments and Raytheon. This does not include the school districts or the city and county governments in the service area.

Dallas-Fort Worth Area Economic Summary

Updated August 07, 2023

This summary presents a sampling of economic information for the area; supplemental data are provided for regions and the nation. Subjects include **unemployment**, **employment**, **wages**, **prices**, **spending**, and **benefits**. All data are not seasonally adjusted and some may be subject to revision. Area definitions may differ by subject. For more area summaries and geographic definitions, see www.bls.gov/regions/economic-summaries.htm.

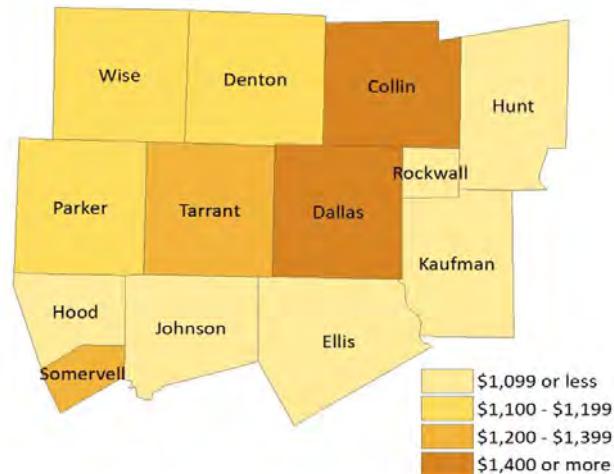
Unemployment rates for the nation and selected areas



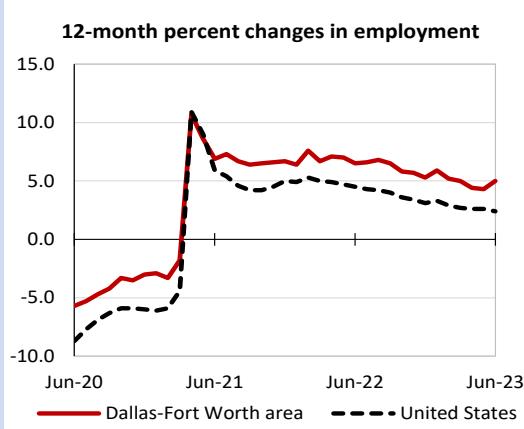
Average weekly wages for all industries by county

Dallas-Fort Worth area, fourth quarter 2022

(U.S. = \$1,385; Area = \$1,471)



Over-the-year changes in employment on nonfarm payrolls and employment by major industry sector

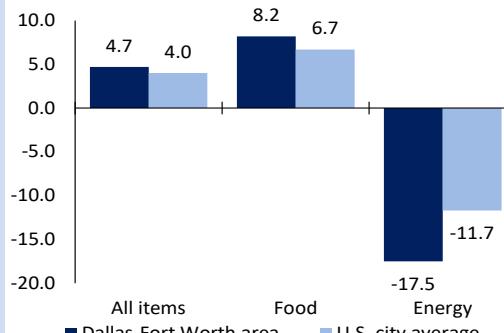


Dallas-Fort Worth area employment (number in thousands)	Jun. 2023	Change from Jun. 2022 to Jun. 2023	
		Number	Percent
Total nonfarm	4,273.6	205.0	5.0
Mining, logging, and construction	253.6	20.5	8.8
Manufacturing	311.0	10.4	3.5
Trade, transportation, and utilities	901.0	26.1	3.0
Information	96.6	6.2	6.9
Financial activities	377.2	20.2	5.7
Professional and business services	805.8	48.1	6.3
Education and health services	496.2	26.3	5.6
Leisure and hospitality	423.7	17.3	4.3
Other services	143.8	14.9	11.6
Government	464.7	15.0	3.3

Source: U.S. BLS, Current Employment Statistics.

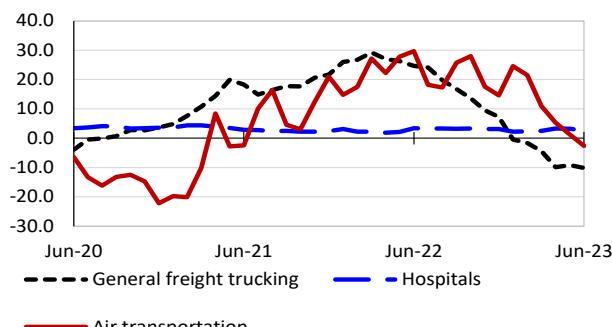
Over-the-year change in the prices paid by urban consumers for selected categories

12-month percent change in CPI-U, May 2023



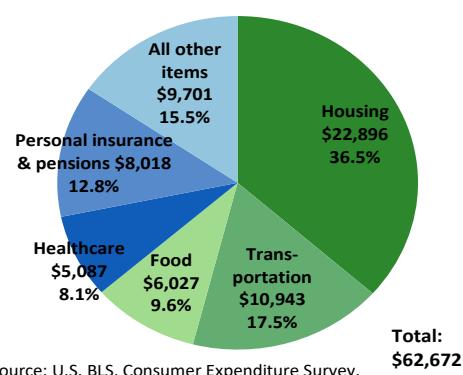
Over-the-year changes in the selling prices received by producers for selected industries nationwide

12-month percent changes in PPI



Average annual spending and percent distribution for selected categories

Dallas area average annual expenditures, 2020-21



Average hourly wages for selected occupations

Occupation	Dallas-Fort Worth area	United States
All occupations	\$29.41	\$29.76
Human resources managers	66.61	70.07
Accountants and auditors	43.06	41.70
Registered nurses	42.24	42.80
Construction laborers	18.68	22.29
Retail salespersons	16.19	16.70
Cooks, fast food	12.61	13.43

Source: U.S. BLS, Occupational Employment and Wage Statistics, May 2022.

Employer costs per hour worked for wages and selected employee benefits by geographic division

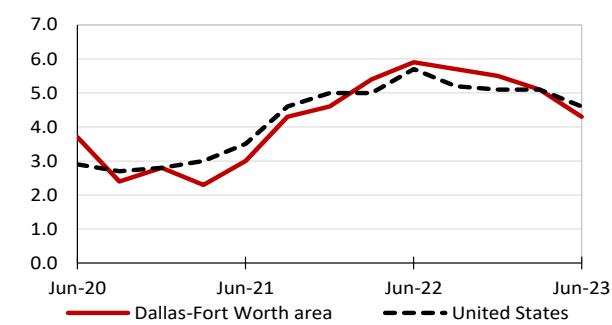
Private industry, March 2023	West South Central (1)	United States
Total compensation	\$35.60	\$40.79
Wages and salaries	25.95	28.76
Total benefits	9.66	12.02
Paid leave	2.51	3.04
Vacation	1.28	1.55
Supplemental pay	1.39	1.52
Insurance	2.18	3.01
Retirement and savings	1.02	1.39
Legally required benefits	2.56	3.06

(1) The states that compose the West South Central census division are: AR, LA, OK, and TX.

Source: U.S. BLS, Employer Costs for Employee Compensation.

Over-the-year changes in wages and salaries

12-month percent changes in ECI



Southwest Information Office • BLSInfoDallas@bls.gov • <https://www.bls.gov/regions/southwest> • 972-850-4800



THE FABRIC OF NORTH TEXAS

The District's 10 original Member Cities – Farmersville, Forney, Garland, McKinney, Mesquite, Princeton, Plano, Rockwall, Royse City and Wylie – came together in 1951 with a common need for water. Richardson, Allen and Frisco joined later. The diversity of these cities makes

up the fabric of North Texas. From national centers of business and commerce, to areas with thriving art, food and music scenes, the personality of each city shines through and makes our region a great place for millions to live and work.



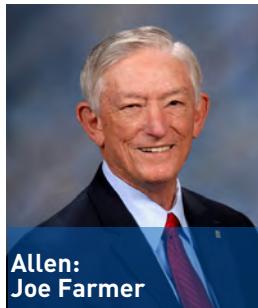
NTMWD SERVICE AREA AND MEMBER CITIES

Regional. Reliable. Everyday.



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North Texas Municipal Water District Board of Directors



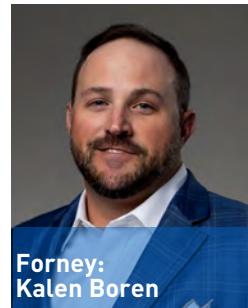
Allen:
Joe Farmer



Allen:
James Kerr



Farmersville:
George Crump
Vice President



Forney:
Kalen Boren



Forney:
John Carr



Frisco:
Richard Peasley
President



Frisco:
Lynn Shuyler



Garland:
Lori Barnett Dodson



Garland:
Jack May
Past President



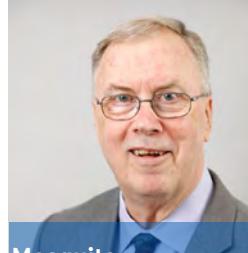
McKinney:
Geralyn Kever



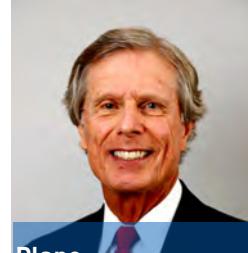
McKinney:
Donald E. Paschal, Jr.



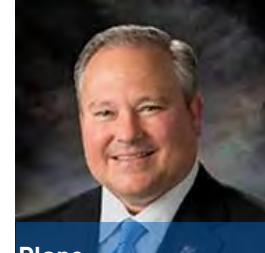
Mesquite:
Terry Sam Anderson



Mesquite:
Rick Mann



Plano:
Phil Dyer



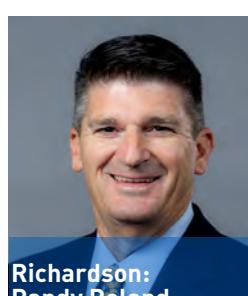
Plano:
Ron Kelley



Princeton:
Jody Sutherland



Princeton:
Larry Thompson



Richardson:
Randy Roland



Richardson:
John Sweeden



Rockwall:
Rick Crowley



Rockwall:
Chip Imrie



Royse City:
David Hollifield
Secretary



Royse City:
Blair Johnson

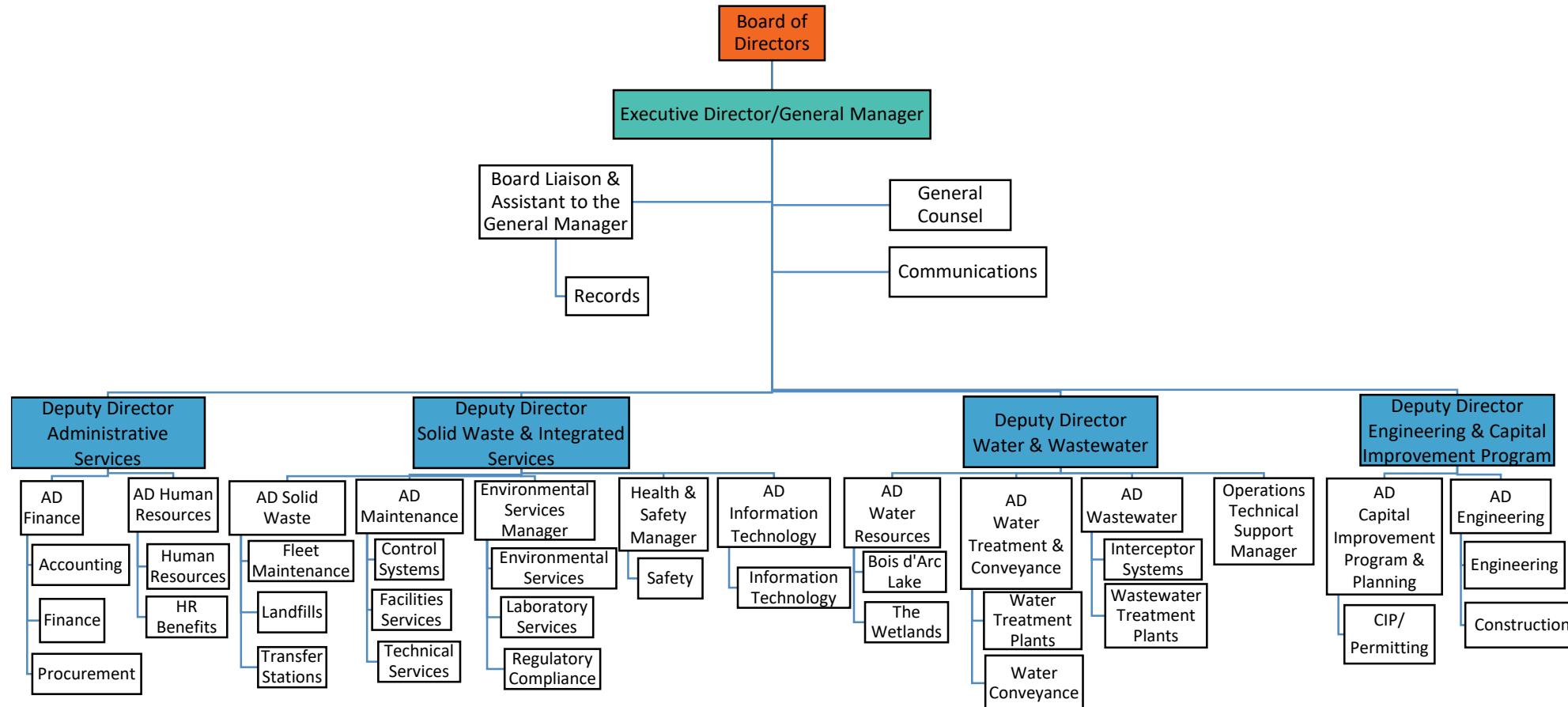


Wylie:
Marvin Fuller



Wylie:
Keith Stephens

ORGANIZATIONAL CHART



*AD = Assistant Deputy

Listing of Key Staff

Executive Director / General Manager	Jennafer Covington
Deputy Director - Administrative Services	Jeanne Chipperfield
Assistant Deputy – Finance	Vacant
Assistant Deputy – Human Resources	Ike Obi
Deputy Director Solid Waste & Integrated Services	Jeff Mayfield
Assistant Deputy - Information Technology	Taylor Prentice
Assistant Deputy - Maintenance	Dave Patton
Assistant Deputy - Solid Waste	Mike Friesen
Environmental Services Manager	Brooke Noack
Health & Safety Manager	David Milligan
Deputy Director - Water & Wastewater	Billy George
Assistant Deputy – Water Resources	Galen Roberts
Assistant Deputy – Water Treatment & Conveyance	Zeke Campbell
Assistant Deputy – Wastewater	David Brewster
Operations Technical Support Manager	Ellen Musallam
Deputy Director - Engineering & Capital Improvement Program (CIP)	Cesar Baptista
Assistant Deputy – CIP & Planning	R.J. Muraski
Assistant Deputy – Engineering	Mark Simon
Board Liaison & Assistant to the General Manager	Brian Brooks
Director of Communications	Vacant
General Counsel	Christina Tsevoukas



NORTH
TEXAS
MUNICIPAL
WATER
DISTRICT

2022–2027 STRATEGIC PLAN

OUR VISION

Regional service through unity:
meeting our region's needs
today and tomorrow

OUR MISSION

Provide high quality and dependable
water, wastewater and solid waste
services in a cost efficient manner

GOAL 01 SERVICE

Provide superior water,
wastewater and solid
waste services today
and tomorrow

GOAL 02 STEWARDSHIP

Responsibly manage
public resources to
ensure responsiveness,
effectiveness and
efficiency

GOAL 03 PARTNERSHIP

Actively collaborate with
members, customers,
partners, employees and
stakeholders

GOAL 04 PEOPLE

Build a talented,
competent and
committed team

OBJECTIVE 1.1

High Quality
Services

OBJECTIVE 2.1

Efficient Business
Practices

OBJECTIVE 3.1

Well-Informed and
Educated Public

OBJECTIVE 4.1

Highly Skilled
Workforce

OBJECTIVE 1.2

Successfully Deliver
Capital Program

OBJECTIVE 2.2

Conscientious
Environmental Stewardship

OBJECTIVE 3.2

Engaged Members,
Customers and Stakeholders

OBJECTIVE 4.2

Safe and Healthy
Employees

OBJECTIVE 1.3

Proactive Asset and
Maintenance Management

OBJECTIVE 2.3

Rigorous Financial
Management

OBJECTIVE 3.3

Durable Strategic
Partnerships

OBJECTIVE 4.3

Performance-Driven
Culture

OBJECTIVE 1.4

Reliable and
Resilient Systems

OBJECTIVE 2.4

Systematic Risk
Management

OBJECTIVE 3.4

Effective Organizational
Communication

OUR CORE VALUES



INTEGRITY

WE ARE HONEST,
TRUSTWORTHY,
TRANSPARENT AND
RELIABLE IN OUR WORDS
AND ACTIONS AND
ACCOUNTABLE FOR WHAT
WE SAY AND DO.



TRUST

WE ARE RELIED ON TO BE
EFFECTIVE, HONEST,
OPEN AND CONSISTENT,
AND TO SERVE OUR
CUSTOMERS' BEST
INTERESTS.



RESPECT

WE TREAT OUR
CUSTOMERS AND
EACH OTHER WITH
COURTESY, KINDNESS
AND FAIRNESS.



UNITY

WE DO WHAT'S BEST
FOR OUR CUSTOMERS
AND THE REGION
—ALL-IN TOGETHER.



SAFETY

WE MITIGATE RISKS IN
OUR DAILY ACTIVITIES TO
MINIMIZE ACCIDENTS AND
INJURIES, AND PROTECT
OUR PUBLIC HEALTH AND
ENVIRONMENT; WE TAKE
CARE OF EACH OTHER
SO WE CAN FULFILL OUR
MISSION.



TEAMWORK

WE COOPERATE AND
COLLABORATE WITH
EACH OTHER, OUR
CUSTOMERS AND
PARTNERS TO MEET OUR
REGION'S NEEDS TODAY
AND TOMORROW.

GOAL 01 SERVICE Provide superior water, wastewater and solid waste services today and tomorrow	GOAL 02 STEWARDSHIP Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency	GOAL 03 PARTNERSHIP Actively collaborate with members, customers, partners, employees and stakeholders	GOAL 04 PEOPLE Build a talented, competent and committed team
OBJECTIVE 1.1 High Quality Services 1.1.1 Optimize Water Quality in the Water Conveyance System 1.1.2 Complete Wylie WTP Conversion to Biologically Active Filtration 1.1.3 Pursue Treatment Plant Optimization Recognition 1.1.4 Develop and Implement Infrastructure Shutdown Policies and Protocols	OBJECTIVE 2.1 Efficient Business Practices 2.1.1 Develop a Formal Vendor Management and Contract Performance Program 2.1.2 Adopt a "Cloud First" Technology Strategy 2.1.3 Evaluate Laboratory Services and Develop Plan for Future Laboratory Capabilities 2.1.4 Standardize Documentation of Processes and Standard Operating Procedures	OBJECTIVE 3.1 Well-Informed and Educated Public 3.1.1 Take an Active Role in Regional Water and Wastewater Education Initiatives 3.1.2 Expand Outreach and Education Programs to Fannin County 3.1.3 Develop Strategic Communications Plan for External Audiences	OBJECTIVE 4.1 Highly Skilled Workforce 4.1.1 Establish a Comprehensive Employee Training and Development Program 4.1.2 Develop District Wide Compensation Strategy and Guidelines 4.1.3 Develop a Talent Recruitment and Acquisition Program 4.1.4 Create and Promote Intern Program Throughout the District
OBJECTIVE 1.2 Successfully Deliver Capital Program 1.2.1 Complete Phases One and Two of Bois d'Arc Lake Program 1.2.2 Complete Phases One and Two of the Sister Grove RWRRF 1.2.3 Accommodate Growth of Lower East Fork Wastewater Systems 1.2.4 Finalize Plan and Permitting for North Transfer Station	OBJECTIVE 2.2 Conscientious Environmental Stewardship 2.2.1 Formalize and Continue Implementation of Energy Master Plan 2.2.2 Implement Watershed Protection Plans for District Lakes 2.2.3 Protect Endangered Species in the Trinity River Basin 2.2.4 Update the Water Conservation and Water Resource & Emergency Management Plans	OBJECTIVE 3.2 Engaged Members, Customers and Stakeholders 3.2.1 Address Customer City Surcharge Recommendation by Independent Review of RWS 3.2.2 Standardize the Process and Methodology for Accepting New Members and Customers 3.2.3 Complete Red River Boundary Commission Process in Oklahoma	OBJECTIVE 4.2 Safe and Healthy Employees 4.2.1 Reduce Safety Incidents Through Employee and Leadership Engagement 4.2.2 Continue Implementation of Lifting Safety Program 4.2.3 Evaluate and Optimize Employee Benefits, Health and Wellness Program
OBJECTIVE 1.3 Proactive Asset and Maintenance Management 1.3.1 Complete Creation of a Comprehensive Real Estate Catalog and Inventory 1.3.2 Develop a Risk Based Condition Monitoring Program for Critical Asset Types 1.3.3 Complete Right Of Way Clearing Program 1.3.4 Implement Inventory Control System in Maximo	OBJECTIVE 2.3 Rigorous Financial Management 2.3.1 Provide for Emergency Funding Needs in Wastewater System 2.3.2 Analyze Purchase Card Spending to Maximize Savings Opportunities 2.3.3 Evaluate and Consider Changes to Cost Allocation Approaches for Pretreatment Services	OBJECTIVE 3.3 Durable Strategic Partnerships 3.3.1 Open Bois d'Arc Lake to the Public 3.3.2 Implement the Bois d'Arc Lake Shoreline Management Plan 3.3.3 Support Leadership Transition and Education Initiatives at JBS Wetland Center 3.3.4 Work With Peer Organizations on Water Supply and Environmental Initiatives	OBJECTIVE 4.3 Performance-Driven Culture 4.3.1 Establish Performance Goals, Track and Communicate Progress 4.3.2 Develop Clear Career Paths to Allow all Employees to Advance Their Careers 4.3.3 Support Employee Development Through Engagement in Industry Wide Activities
OBJECTIVE 1.4 Reliable and Resilient Systems 1.4.1 Complete Long Range Water Supply Planning Process 1.4.2 Comply With Regulations for Emergency Preparedness, PFAS, and Lead & Copper 1.4.3 Implement an Inflow and Infiltration Monitoring and Communication Plan	OBJECTIVE 2.4 Systematic Risk Management 2.4.1 Implement an Operational Risk Management Program 2.4.2 Enhance District-wide Cybersecurity Program 2.4.3 Integrate and Standardize the Security System Approach for District-wide Facilities	OBJECTIVE 3.4 Effective Organizational Communication 3.4.1 Develop Strategic Communications Plan for Internal Audiences 3.4.2 Improve the Project Design and Asset Handover Process 3.4.3 Establish an Enterprise Information and Data Management Strategy	

Strategic Plan

The District's Strategic Plan provides guidance for the decisions of the Board of Directors, executive leadership and staff over the next five years to effectively address the issues challenging the District.

The District developed its first strategic plan in 2015, by setting a long-range vision, establishing a focused Vision and Mission, as well as articulating a set of core values, summarized by the acronym I TRUST (Integrity, Trust, Respect, Unity, Safety, Teamwork).

In 2019, the District's leadership determined that an update and extension of the strategic plan for the coming five-year period was a high-priority need. The District engaged a third-party consultant to support the design and facilitation of an intensive and collaborative strategic planning process.

The consultant enabled open discussion of the District's strengths and weaknesses, opportunities and threats and then forged an agreement around the highest order priorities that needed to be addressed over the following five years. These priorities established a foundation for defining more specific action steps, budgets and performance measures for the District's staff. The District's executive leadership and the Board confirmed the continued accuracy and validity of the previously developed and adopted statements of vision, mission and values as critical elements in the strategic plan.

In late 2021, staff undertook a multi-phase process of reevaluating and rewriting the plan's initiatives associated with the Objectives and Goals. In March of 2022 the Board approved those changes, including changes to some Objectives. Managers were engaged and asked to submit initiatives for consideration and inclusion in the plan.

District staff regularly update the Board on the progress of the Strategic Plan. Annually, staff will update objectives and initiatives as execution of the strategic plan dictates and seek Board approval as appropriate. District management details how the departments' work functions and yearly spending support the strategic goals in departmental summaries within this budget document. Staff tracks progress on all of the plan's initiatives and the organization is held accountable for the results.



BUDGET OVERVIEW

NTMWD History and Major Systems

The 52nd Texas Legislature created the North Texas Municipal Water District in 1951 as a water conservation and reclamation district. Under the State of Texas Constitution and Statutes, the District provides essential services to the North Texas Region in the areas of Water, Wastewater and Solid Waste.

A Board of Directors governs the District. Each Member City having a population of 5,000 or more is represented by two members on the Board of Directors and any Member City with a population of less than 5,000 is represented by one member. The governing bodies of the respective Member Cities appoint members to the Board of Directors for two-year terms. The Board of Directors appoints an Executive Director/General Manager who is responsible for the District's operations. The District has four divisions under the Executive Director: Administrative Services, Engineering & CIP, Solid Waste & Integrated Services and Water & Wastewater. A Deputy Director leads each division.

Regional Water System (RWS)

The District is a wholesale water service provider to approximately 2.0 million residents in 80 communities across 10 North Texas counties. The District treats and delivers clean water for municipal, domestic and industrial use. The District began with ten Member Cities (Members): Farmersville, Forney, Garland, McKinney, Mesquite, Princeton, Plano, Rockwall, Royse City and Wylie and has since added Richardson (1973), Allen (1998) and Frisco (2001). Since its inception, the District has experienced substantial growth and in addition to the 13 Member Cities, the District provides services to numerous other cities, towns, special utility districts and water supply corporations, collectively known as Customers.

The District owns and operates seven water treatment plants, over 694 miles of water transmission pipelines, eighteen pump stations and has water rights in five lakes to meet the service area's existing water needs. As the region grows, there is a need to develop additional capacity and new water sources. As such, there are several major projects underway to expand and improve the four primary water treatment plants as well as establishing new water sources, such as the newly completed Bois d'Arc Lake, which is the first new reservoir to be constructed in Texas in 30 Years. The Leonard Water Treatment Plant opened and began operations in 2023 to process the water from Bois d'Arc Lake.

Regional Wastewater System (RWWS), Upper East Fork Interceptor System (UEFIS) and Small Systems (SS)

In 1972, in response to requests from the cities, the District expanded its services to include wastewater collection and treatment. Consolidating smaller, municipal wastewater plants into a regional system reduced costs for participating cities and streamlined operations. The District provides wastewater services for different types of customer categories: RWWS Members (Cities of Allen, Forney, Frisco, Heath, Melissa, Mesquite, McKinney, Plano, Princeton, Prosper, Richardson, Rockwall and Seagoville), RWWS Customers, UEFIS Members (Cities of Allen, Frisco, Melissa, McKinney, Plano, Princeton, Prosper and Richardson), UEFIS Customers and Small Systems (formerly Sewer System) participants. Today the District provides wholesale wastewater services to approximately 1 million residents in 24 communities.

The District's wastewater system consists of over 236 miles of large-diameter wastewater pipelines, 25 lift stations and 14 wastewater treatment plants. The District treats the majority of the wastewater flows at five Regional Wastewater Treatment Plants (RWWTs). Wastewater conveyance (Interceptor) systems transport wastewater flows to the treatment plants. The UEFIS is the largest regional wastewater conveyance system and it transports wastewater from the Cities of Allen, Frisco, Melissa, McKinney, Plano, Princeton, Prosper and Richardson to the Regional Wastewater Treatment Plants (RWWTs).

The Small Systems consists of five Water Transmission Facilities (WTF), nine non-regional Wastewater Treatment Plants (WWTP), nine non-regional Interceptor Facilities and a Wastewater Pretreatment Program. The District has Special Facility Contracts with cities for each of the Small Systems facilities.

Regional Solid Waste System (RSWS)

In 1979, due to city requests, the District expanded its services to include solid waste disposal. The District provides solid waste disposal services for five RSWS Members and residents of Collin County and the surrounding areas. The five Member Cities (Allen, Frisco, McKinney, Plano and Richardson) collect and deliver municipal solid waste to one of three transfer stations. From the transfer stations, District staff transport the waste to the regional landfill. Contractors may also drop off waste directly at the landfill upon paying the posted gate rate. Member City residents can drop off certain types of waste at any one of the Citizen Convenience Centers located in the transfer stations and the landfill.

Shared Services Fund

The Shared Services Fund is an internal service fund for the departments that provide administrative and support functions for the Regional Water, Regional Wastewater, Upper East Fork Interceptor, Small Systems and Regional Solid Waste Systems, collectively known as the Operating Systems. The Shared Services Fund expenses are allocated to the Operating Systems using both direct and indirect methods.

The Shared Service Fund departments are as follows:

- General
- Communications
- Construction
- Engineering
- CIP/Permitting
- Control Systems
- Facilities Services
- Technical Services
- Human Resources
- Human Resources Benefits
- Records
- Safety
- Accounting
- Finance
- Procurement
- Information Technology
- Environmental Services
- Laboratory Services
- Regulatory Compliance



Budget Process

The Annual Budget serves as the basis for the District's financial planning and control. The Annual Budget outlines the District's plans to continue to provide high quality, cost-effective service to Member Cities and Customers. The District services one of the fastest growing regions in the country and great effort is spent planning for the future needs of the region. This growth is considered when developing the Annual Budget.

The Annual Budget process includes amending the Budget for the current fiscal year (Amended Budget) as well as preparing the Budget for the following fiscal year (Proposed Budget). Each year Finance Staff updates cost projections (also known as Strategic Financial Plans) that ensure appropriate rates are set for Member Cities and Customers. The cost projections are 10-year forecasts based on the current adopted budget and appropriate cost escalations. The cost projections also take into account future planned debt issuances and additional O&M from future facilities. These cost projections set the general ceiling for the upcoming fiscal year budgets. Detailed cost projections can be found in the long-term planning section of the appendix.

The following pages provide insight into the different types and amounts of engagement across the District with Departments, the Board of Directors and our Member Cities / Customers. In addition, there is a flowchart that shows key budget activities throughout the year to give readers a better understanding of additional activities that go into such a robust budgeting process.

Budget Calendar

Date	Event
January 31, 2023	Budget Kickoff Meeting and Training
February 28, 2023	Managers complete personnel request workflow
Mid-March, 2023	Senior Executive Team review of personnel requests
April 1, 2023	Deadline for submitting FY24 budget requests, supplemental forms, departmental executive summaries and vehicle request forms
April 1, 2023	Operations provide estimated flow projections for FY23 Amended and FY24 Budget
April - May 2023	Finance Review of budgets
May 5, 2023	Senior Executive Team initial review of budgets
May 10, 2023	Present personnel requests to Personnel Committee
June 7, 2023	Present preliminary budgets to Finance Committee and personnel requests to Personnel Committee, if needed
July 20, 2023	Budget Work Session with Board of Directors
August 17, 2023	Budget Work Session with the Board of Directors, if needed
September 13, 2023	Finance Committee consideration of FY23 Amended Budget and FY24 Proposed Budget
September 28, 2023	Final Board consideration of FY23 Amended Budget and FY24 Proposed Budget

Annual District Budget Cycle Engagement

District Departments

- January -March: Budget Kickoff, Budget Guidance, Department requests for new personnel and budget items
- April-August: Refine budget requests by working with Executive Team, Finance, HR, and requesting departments

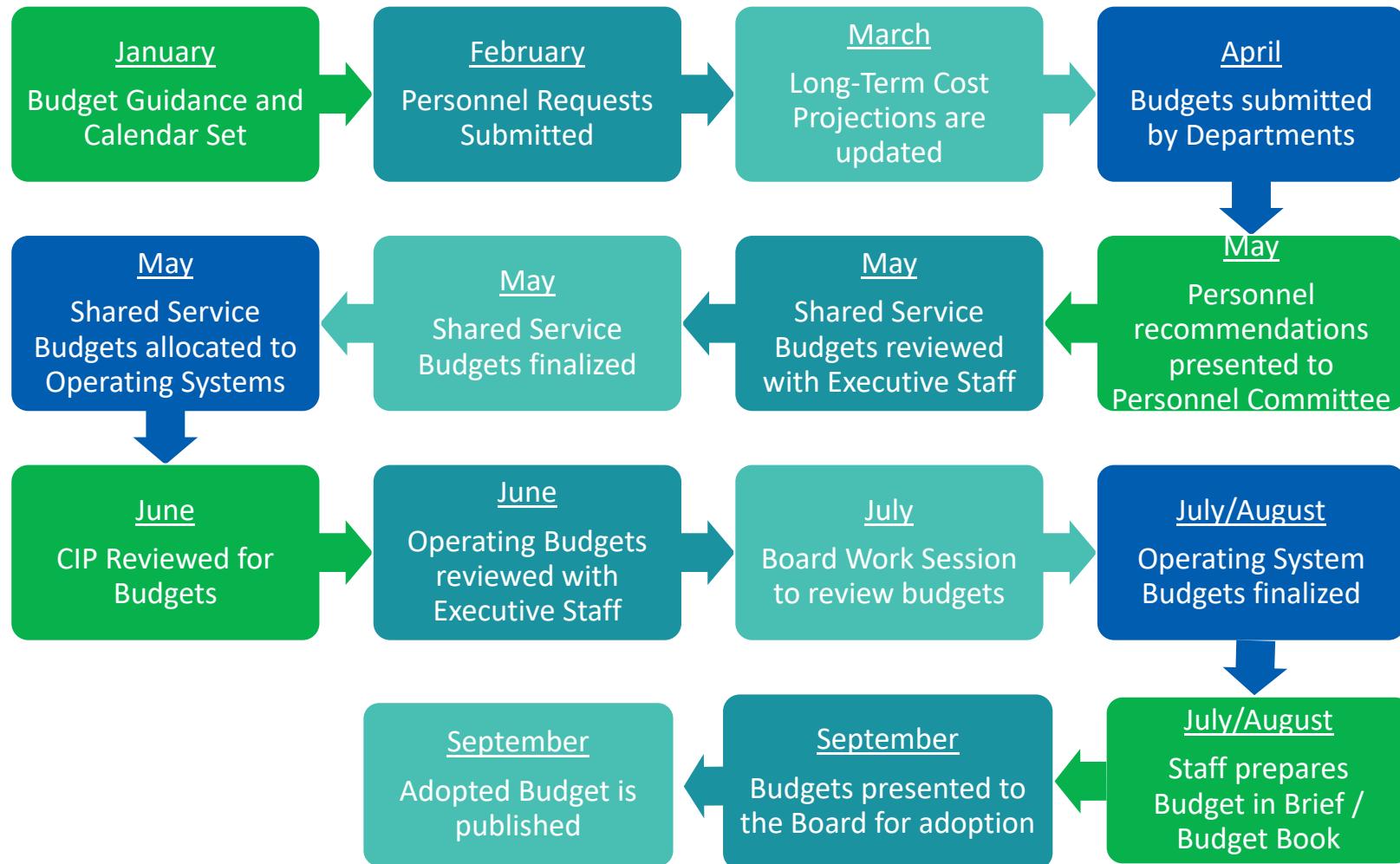
Board of Directors

- April: Finance Committee re: Strategic Financial Plans
- May: Personnel Committee re: New Positions
- June: Finance Committee
- July: Budget Work session
- August: Briefing to Board & review of draft budget document
- September: Final Amended Budget, Proposed Budget
- November: Approval of RWS Rebates

Members/Customers

- May: Strategic Financial Plans, Letters (2) re: estimated flow/tonnage and proposed RWS charges
- June/July: Letters (2) re: preliminary budget charges
- August: Excess water bills
- September: Final budget charge letters
- October: Final billing adjustment from previous FY
- November: RWS Rebates

Budget Process - Flow Chart



Financial Procedures and Policies

Basis of Accounting and Budgeting

The District is a political subdivision of the State of Texas with no District funds subject to appropriations from the state. The operations of the District are accounted for as enterprise funds on an accrual basis in order to recognize the flow of economic resources. Under this basis, revenues are recognized in the period in which they are earned, expenses are recognized in the period in which they are incurred, regardless of the timing of the related cash flows. All assets and liabilities associated with the operation of the District are included in the Statement of Net Position. The assets of the District are stated at cost with the exception of certain investments, which are stated at fair value. Available balances are determined using the cash equivalent approach: cash + investments + accounts receivable + prepaid expenses - accounts payable = cash equivalent available.

The basis of budgeting for the District's budget is consistent with the way the District prepares its financial statements with the following exceptions:

- Depreciation and amortization are not budgeted
- Capital outlays are budgeted as an expense in the year purchased
- Debt service principal payments are budgeted as an expense rather than a reduction to the liability
- Debt service budgets incorporate year end minimum requirements
- Proceeds from bond sales / transfers of bond proceeds are not budgeted

Budget Procedures

The District shall adopt an All Systems Budget annually that reflects all available financial resources, either on hand at the beginning of the year or to be generated during the year, that equals or exceeds the total of all financial requirements, including reserve requirements. The budget will provide funding for adequate and necessary maintenance of capital assets and equipment and for their orderly replacement.

The Finance Department will review, on a regular basis, reports comparing actual revenues and expenditures to budgeted amounts. If during the review any expense account is deemed to exceed the budget, the Finance Department will coordinate with the department/plant/system, where the overage is occurring, and process a budget adjustment to move funds from one account to another to clear the overage. In the event the budget adjustment would cause an overall increase to the system it will need to be taken to the Board for approval. This is considered the legal level of control for the District's budget.

Financial Reporting Procedures

The District applies all applicable Governmental Accounting Standards Board (GASB) pronouncements, as well as all Financial Accounting Standards Board (FASB) Statements and Interpretations, Accounting Principles Board (APB) Opinions and Accounting Research Bulletins issued on or before November 30, 1989, unless those statements conflict with or contradict GASB pronouncements.

Following the conclusion of the fiscal year, an independent certified public accounting firm audits the District's accounting records and annual financial statements. The Accounting Department is responsible for preparing an Annual Comprehensive Financial Report in accordance with the Generally Accepted Accounting Principles (GAAP) and financial reporting standards promulgated by the GASB.

Capital Expenditure Procedures

The District will review and update Capital Improvement Projects to ensure they are relevant to the current Strategic Plan. The District will identify estimated costs and funding sources for each project. The District will identify the impact on annual operating costs resulting from capital projects so that they are fully captured in the cost projection models. Depreciation is calculated using the straight-line method with depreciation life determined by asset class. The District has established capitalization thresholds to avoid capitalizing insignificant items. The capitalization thresholds are determined based on asset class.

Debt Management Policy

The District issues debt to primarily fund major capital improvements, expansions and repairs to existing facilities for projects identified in the Capital Improvement Plan of each System. The types of debt that can be issued are long-term and short-term revenue bonds in accordance with each system's bond resolution and short-term Extendable Commercial Paper (ECP) in systems authorized by the NTMWD Board of Directors. The District has no legal debt limits, however debt is only issued with consent from the Board.

Employees involved in the debt management process will act as responsible stewards and shall refrain from personal business activity that could conflict with the proper execution and management for the debt management program, or that could impair their ability to make impartial decisions.

The District shall consider the current debt service payments over the life of outstanding bonds and attempt to maintain level debt service payments unless it is determined that a non-level debt service structure would achieve a more desirable result on the system's rates/revenue requirements. Debt issuance schedules shall be determined based upon anticipated funding needs and delivered in a manner that best manages the system's costs over time. Long-term debt shall be issued at a fixed rate, and the term of the debt may not exceed the expected useful life of the project being financed. Use of specific debt products will be based on analysis provided by the District's Finance Department and Financial Advisor (FA).

The District will use the services of an independent FA for advice on the structuring of new debt, financial analysis of various options, including refunding opportunities, the rating review process, the marketing and marketability of District debt obligations, issuance and post-issuance services, the preparation of offering documents and other services as necessary. The FA shall not bid on nor underwrite any District debt issues. The District will be informed by the FA of changes in state and federal legislation related to debt management. The FA shall evaluate credit enhancements for each debt issuance and evaluate the need of bond insurance when applicable and provide recommendations.

Bonds may be sold through competitive sales, negotiated sales or private placement. The District has, but is not limited to the following options when structuring its debt sales: level debt service, structured debt service, periods of interest only and capitalized interest. Different financing options may be used individually or together. Selection of an option or options will be based on the specific circumstances of the project to be financed while considering the financial impact to the system customers.

Debt may be issued to refund existing debt for restructuring purposes to increase debt capacity, improve debt coverage ratios in specific years or improve debt service structure. Refunding existing debt may be taxable or tax-exempt, and the District shall require a minimum of 3.00% Present Value Savings to consider a refunding unless the refunding is undertaken for debt restructuring purposes. A Parameter Bond Resolution for refunding existing debt or new money projects may be recommended for approval to the Board seeking to 'pre-approve' a refunding transaction subject to certain parameters.

NTMWD shall comply with continuing disclosure requirements under U.S. Securities and Exchange Commission (SEC) Rule 15-c2-12 and its bond documents. The District may use a contracted party to complete continuing disclosure requirements and an arbitrage consultant shall be used to determine federal law compliance. The District shall provide an annual report of outstanding debt obligations in accordance with Texas House Bill No. 1378 and provide a link to debt information on the NTMWD website. The current annual report, including bond ratings, can be found under the Outstanding Debt Obligations using the following link:

<https://www.ntmwd.com/finances/financial-transparency/debt-obligations/>

Emergency Expenditure Policy

The financial operation of NTMWD is controlled by the Board of Directors through the Annual Budget by the adoption of an appropriation resolution. From time to time it is necessary for emergency expenditures to be authorized that were not planned in the Annual Budget. Emergency Expenditures policy outlines how the District may make emergency expenditures, when necessary prior to Board action.

An emergency is a condition when the failure to immediately repair equipment could endanger the delivery system; endanger the service provided by the District to the municipalities with which it contracts; or cause deterioration to facilities that could result in failure of the system. The Executive Director (ED) may declare an emergency and, using the best judgment possible, develop a plan to remedy the problem on a temporary or permanent basis in accordance with the following procedures:

- **Executive Director - Less Than \$25,000** - When an emergency condition has been declared, the cost will over-expend the budget of a Fund and cause an increase to the total charges of the system members, the ED may expend up to \$25,000 for necessary repairs or replacements. At the next regular Board of Directors meeting, the Executive Director will detail in memorandum the emergency, the planned action and the cost, and request that the Board amend the planned budget.
- **Executive Committee - \$25,000 to \$100,000** - When the emergency condition has been declared and the expenditure to implement the planned repair or replacement will cost between \$25,000 and \$100,000, the cost will over-expend the budget of a Fund and cause an increase to the total charges of the system members, the ED will counsel with the members of the Executive Committee of the Board of Directors (President, Vice President, Secretary and Past President) and proceed with the majority approval of the Executive Committee. The ED will, at the next regular Board of Directors meeting, detail in memorandum the emergency, the planned action, and the cost, and request that the Board amend the planned budget.
- **Board of Directors - More than \$100,000** - When an emergency condition has been declared and the plan of action for repair or replacement exceeds \$100,000, the cost will over-expend the budget of a Fund and cause an increase to the total charges of the system members, a special meeting of the Board of Directors will be required to authorize expenditure.

Fund Balance Policy

The Fund Balance Policy sets guidelines for the District's Fund Balances. The Policy's purpose is to ensure that the District maintains adequate Fund Balances to:

- Provide sufficient cash flow liquidity for District operations
- Secure and maintain investment grade bond ratings
- Minimize revenue shortfalls
- Provide funds for unforeseen expenditures including emergencies
- Comply with contractual and bond covenant obligations

Guidelines for Fund Balances as of September 30 are as follows:

- Operating Funds:
 - When a contract and an approved purchase order are in place for goods or services that have not been received or fully received, and the amount is determined to be of appropriate level, funds may be held to the next fiscal year, to pay the future expense once the goods or services are received.
 - RWS – Minimum Balance based on 90 Days' Budgeted Operations and Maintenance (O&M) expenses for the next fiscal year and maintain a minimum 130-150 with a target of 150 Days cumulative fund balance within the Operating and Contingency Fund.
 - All Other Systems shall be maintained at \$0 reflecting the break-even status of the systems at year end.
 - Excess operating funds in each system may be transferred to that system's Capital Improvement Fund, Contingency/Escrow Fund or Equipment Replacement Fund.
- Capital Improvement Funds:
 - RWS - Minimum Balance shall be maintained at a minimum of \$15,000,000. End-of-year balances not required for reserve replenishment may be utilized for cash financed construction or extendable commercial paper defeasance up to 15% of the historical 5-year average annual capital spending. If contract awards that are planned to be funded with the Capital Improvement Fund are rescheduled to the following year, the funds may be encumbered for those contracts.
 - The Regional Wastewater System, Upper East Fork Interceptor System, and the Regional Solid Waste Systems Capital Improvement Funds minimum balances shall be maintained at the projected ending balances set forth in the most recent budget document.
 - All other System's Capital Improvement Funds minimum balances shall be maintained to fund upcoming projects. If there are no upcoming projects, the associated city(s) may be contacted to discuss options of transferring to other funds or returning the funds to the city(s).
- Construction Funds: No Minimum Balance required. The fund will remain open until final remaining balance is transferred to the Interest and Sinking Fund as required by the Bond Resolution.

- Interest & Sinking Funds: Minimum Balance based on 1/12 of the next year's debt service payment multiplied by the number of months since the last debt service payment as required by the Bond Resolution.
- Debt Service Reserve Funds: Minimum Balance based on the average annual debt service payments on the outstanding bonds as required by the Bond Resolution.
- Pipeline Reserve Funds – Chapman (RWS): \$500,000 maximum balance as required by the June 4, 1998 Irving Operations Agreement.
- Contingency Funds and Reserve for Maintenance Funds (terms are used interchangeably depending on the term used in the contract):
 - RWS - Shall maintain a minimum 130-150 Days of Budgeted O&M expense for next fiscal year with a target 150 Days cumulative fund balance within the Operating and Contingency Fund. Funds available at fiscal year-end will be contributed to such balances, up to 150 days cumulative.
 - RSWS - Shall target 30 Days' Budgeted O&M expense for the next fiscal year
 - Plano Water Transmission Facilities Contingency Fund for the City of Plano - \$75,000 Maximum Balance as required by the March 27, 1997 Water Transmission Facilities Contract.
 - Stewart Creek Wastewater Treatment Plant Contingency Fund for the City of Frisco - \$100,000 Maximum Balance as required by the October 27, 2011 Wastewater Contract.
 - Muddy Creek Wastewater Treatment Plant Contingency Fund for the Cities of Wylie and Murphy - \$15,000 Maximum Balance as required by the May 27, 1999 Wastewater Contract.
 - Shared Services Fund Internal Service Fund - Balanced maintained at 15-30 Days Budgeted O&M Expense for the next Fiscal Year with a target 30 Days. Fund balance may be used for offsetting extraordinary or one-time expenditures in the current or next fiscal year.
 - All other systems' Contingency Funds Minimum Balances shall be maintained at the projected ending balances set forth in the most recent Strategic Financial Plan Projections.
 - Kaufman Four-One Water Distribution Facilities Escrow Fund: \$75,000 Maximum Balance as required by the October 2, 1989 Water Supply Contract
 - All other systems' Contingency or Reserve for Maintenance Fund Minimum Balances shall target 90 Days' Budgeted O&M expense for the next Fiscal Year, up to a maximum of \$500,000.
- Preventive Maintenance Escrow Funds: Minimum Balances shall be maintained based on the preventative maintenance schedules for the Operating Systems. The preventive maintenance schedules shall be updated annually.
- Equipment Replacement Escrow Funds: Minimum Balances shall be maintained based on the equipment replacement schedules for the Operating Systems. The equipment replacement schedules shall be updated annually.
- Health Insurance Holding Funds: Cumulative Balance for the Active and Retiree Health Insurance Holding Funds shall be maintained at a minimum 2-4 months' worth of expenses, with 4 months as the target..

General Investment Policy

The Investment Policy is in accordance with Chapter 2256 of the Texas Government Code, the Public Funds Investment Act (the "Act"). The investment strategy conforms to governing legislation and other legal requirements. In addition to this Policy, borrowed funds shall be managed by their respective governing resolution and by all applicable state and federal regulations.

The Investment Policy establishes authorized officers to invest District funds, how funds shall be invested, and guidelines for periodic reviews of investments. The Investment Policy applies to all of the investment activities for District funds excluding certain trust and pension funds contractually invested by outside managers, e.g. Retirement/Pension and Employee Deferred Compensation.

This policy includes all funds listed and accounted for in the District's Annual Comprehensive Financial Report (ACFR) which includes Restricted and Unrestricted Funds. NTMWD will consolidate cash and reserve balances from all funds to maximize investment earnings and to increase efficiencies with regard to investment pricing, safekeeping and administration. Investment income shall be allocated to the various funds based on their respective investment participation, in accordance with generally accepted accounting principles.

Investment Strategy and Objectives

In conjunction with the annual review, the Board shall review the separate written Investment Strategy Statement, for each of the District's funds and adopt revisions or additional Investment Strategy Statements as needed. The Statement describes the investment objectives according to the following priorities:

- Investment suitability
- Preservation and safety of principal
- Liquidity
- Marketability prior to maturity of each investment
- Diversification
- Yield

The primary objective of all investment activity is the preservation of capital and the safety of principal throughout the portfolio. Each investment transaction shall seek to avoid capital losses, whether from securities default or erosion of market value. The investment portfolio will maintain liquidity to meet reasonably anticipated cash flow requirements. This will be accomplished by structuring the portfolio so securities mature concurrent with cash needs to meet anticipated demands (static liquidity). Furthermore, not all possible cash demands can be anticipated; the portfolio should consist largely of securities with active secondary or resale markets (dynamic liquidity). Alternatively, a portion of the portfolio may be placed in local government investment pools and/or money market mutual funds or which offer same-day liquidity for short-term funds.

The District's portfolio shall be designed with the objective of regularly meeting or exceeding the average yield on three-month U.S. Treasury bills. This appropriate indicator is the benchmark for lower risk investment transactions and therefore comprise a minimum standard for the District's portfolio's rate of return. The investment strategy shall seek to augment returns above this threshold, consistent with risk limitations identified herein and prudent investment principles.

Responsibility and Controls

The Executive Director (ED) or his/her designee shall be the "Investment Officer" for the District. The authorized Investment Officer can deposit, withdraw, invest, transfer, execute documentation, and otherwise manage District funds according to the rules governing the funds, including but not limited to this Policy.

The Investment Officer and Alternate Investment Officers shall attend at least ten hours of training within 12 months of assuming these duties that address investment controls, security risks, strategy risks, market risks, diversification of investment portfolio and compliance with the Public Funds Investment Act. Thereafter, the Investment Officer, Alternate Investment Officers and all District personnel involved with investments shall attend an investment training session not less than once in a two-year period that begins on the first day of the fiscal year and consists of the two consecutive fiscal years after that date and receive not less than eight hours of training related to investment responsibilities.

Investment Officers exercising due diligence while acting in accordance with written procedures and this investment policy, shall be relieved of personal responsibility for individual security credit risk or market price changes; provided deviations from expectations are reported in a timely fashion and the liquidity and the sale of securities are carried out in accordance with the terms of this policy. The standard of prudence used by the Investment Officer shall be the "prudent investor rule" as set forth in the Act and shall be applied in the context of managing an overall portfolio within the applicable legal constraints. The Act states:

"Investments shall be made with the judgment and care, under prevailing circumstances, that a person of prudence, discretion and intelligence would exercise in the management of the person's own affairs, not for speculation, but for investment, considering the probable safety of capital and the probable income to be derived."

The ED or his/her designee will oversee the Investment Officer in the maintenance of a system of internal controls over the investment activities of NTMWD.

Reporting

The Investment Officer shall prepare a quarterly investment report, including a management summary that provides an analysis of the status of the current investment portfolio and the individual transactions executed over the previous quarter. This management summary will be prepared in a manner that will allow the District to ascertain whether investment activities during the reporting period have conformed to the investment policy. The Board of Directors will receive the quarterly report; prepared and signed by the Investment Officer and the Alternate Investment Officer.

The District, in conjunction with its annual financial audit, shall perform a compliance audit of management controls on investments and adherence to the District's Investment Policy and Investment Strategy Statement. If the District purchases securities other than money market funds, investment pools or accounts offered by its depository bank, an independent auditor shall formally review the reports prepared by the Investment Officer annually. Then, these results of the review will be reported to the Board of Directors.

Investment Strategy Statement

It is the policy of the North Texas Municipal Water District that, giving due regard to the safety and risk of investment, all available funds shall be invested in conformance with State legislation, Federal arbitrage regulations, applicable Bond Resolution requirements, adopted Investment Policy and adopted Investment Strategy.

In accordance with the Public fund Investment Act, the District investment strategies shall address the following priorities in order of importance:

- Understanding the suitability of the investment to the financial requirements of the District;
- Preservation and safety of principal;
- Liquidity;
- Marketability of investment prior to maturity;
- Diversification of the investment portfolio; and
- Yield

Effective investment strategy development coordinates the primary objectives of NTMWD's Investment Policy and cash management procedures to enhance interest earnings and reduce investment risk. Aggressive cash management will increase the available "investment period" and subsequently interest earnings. Maturity selections shall be based on cash flow and market conditions to take advantage of various interest rate cycles. The District's portfolio shall be designed and managed in a timely manner responsive to the public trust and consistent with the Investment Policy.

Each major fund type has varying cash flow requirements and liquidity needs. Therefore, specific strategies shall be implemented considering the fund's unique requirements. District funds shall be analyzed and invested according to the following major fund types:

- Operating Funds
- Construction Funds
- Interest and Sinking Funds
- Debt Service Reserve Funds
- Contingency Funds
- Reserve for Maintenance Funds
- Arbitrage Liability Funds
- Health Insurance Holding Funds

Grant Management Policy

This policy is applicable to any District department submitting grant applications to agencies outside the District for funds, materials, or equipment to be received and administered by the NTMWD. The goals and objectives of the NTMWD department should be established early in the planning process and should not change based on changes in the availability of funding sources sought and received.

District staff, before applying for a grant, should review the rules, regulations and requirements applicable to each particular grant program to determine that such rules, regulations and requirements align with the District's visions and goals. Also, District staff should consider that it can be reasonably expected that the District will be able to comply with the known applicable rules, regulations and requirements of such grant program.

No grant will be accepted that will incur management reporting costs greater than the grant amount. Such costs include, but are not limited to, indirect costs, overhead and any other items needed to administer the grant.

The Board of Directors authorizes the Executive Director to implement any procedures and controls that minimize the District's risk for non-compliance with grant requirements and the Deputy Director (Administrative Services) or their delegate for providing support to requesting departments. The Accounting Department will maintain a central file for all grants in order to facilitate management reporting and overall monitoring.

Departments are responsible for developing a monitoring plan and monitoring the financial status of grants. The Accounting Department will provide departments with regular access to monthly financial reports for such monitoring. Departments must review the monthly financial reports and notify the Accounting Department promptly of any discrepancies noted and/or any additional reports needed. Any line-item budget amendments must be approved by the grantor prior to grant expenses being made in order to avoid lost grant funds when/if amendments are denied.

Departments must also monitor grants for compliance with all applicable federal, state, and local regulations and ensure that grant expenses remain in compliance with grant procurement policies and procedures. For example, equipment procured with grant funds must be disposed of in accordance with the terms of the grant. Federal grants must meet requirements set out in the Uniform Grant Guidance, as applicable.

Departments will ensure proper closeout of all grant funds including coordinating with the Accounting Department to return any unspent funds to the grantor at the end of the term of the grant. According to the OMB Uniform Grants Guidance §200.343, the NTMWD must submit all financial, performance, and other reports required under the grant within 90 days after the grant award expires or is terminated.

System Break-Even Contractual Obligation Procedure (Non-RWS)

The District's revenues are derived from charges to Member Cities and Customers, primarily for the sale and treatment of water and wastewater as well as collecting and transporting solid waste to the landfill. Member Cities and Customers generally contract to pay amounts equal to the District's operating and maintenance expenses, debt service requirements and any other obligations payable from the revenues of the District. In the RWWS, Small Systems, RSWs and UEFIS, the charges for services are adjusted accordingly at the end of each year to a break-even basis.

Procurement Policy

It is the goal of NTMWD to obtain quality goods and services at reasonable cost by generating competition whenever possible. The Executive Director/General Manager, in an Administrative Directive, will create procedures, guidance and instruction to be followed by District employees for purchasing activities.

The purpose of this policy is to:

- Establish authority of the procurement function within NTMWD;
- Establish procurement guidelines to obtain goods and services in a consistent manner;
- Serve as stewards of NTMWD funds by exercising fiduciary responsibility through compliance with applicable laws, internal policies, directives, and industry best practices;
- Ensure the procurement system is fair and equitable;
- Provide for increased efficiency in public procurement;
- Foster effective competition from all segments of the supplier community;
- Safeguard the integrity of the procurement system and protect against corruption, waste, fraud and abuse

This procurement policy applies to all District employees and officials involved in the procurement process. Adherence to this policy and NTMWD Personnel Policies Manual, Section II, is an individual and department/system responsibility. A breach or unauthorized departure from the procedures derived from this policy may result in removal from the procurement process and possible criminal penalties. This policy excludes grant, bond, and capital improvement funded projects outlined in the Board approved annual budget.

The Board of Directors has designated the Procurement Department as being the procurement authority for the District. The Procurement Manager will have the right to determine which method of purchase provides the best value for the District, adopt operational procedures consistent with sound business practices and applicable state law; and oversee the purchase of materials, goods, professional, and general services.

The Procurement Department is responsible for administration of the procurement policy and directives, consolidation of purchases when applicable, and analysis of prices paid. Department expenditures between \$0.01 and \$24,999.99 may be reviewed by the Procurement Department to verify compliance with this policy. Expenditures of \$25,000.00 and above will be facilitated through the Procurement Department. This applies to purchases made with funding approved by the Board in the annual operating budget.

For Purchases of \$25,000.00 or more, the Procurement Department will facilitate the appropriate competitive process and award via written contract and/or purchase order. Contracts entered into through the Procurement Department must have a commencement date and a specific expiration date. The standard duration for a contract without reissuing a competitive solicitation is five years. This includes renewal and/or extension periods. Exceptions to the standard duration must be approved in writing by the overseeing Assistant Deputy.

For Purchases between \$3,000.00 and \$24,999.99, user departments must request price quotations in writing from a minimum of three sources, or purchase through an approved cooperative contract. User departments must make reasonable efforts to assure that the best value is being obtained for NTMWD and must ensure documentation of quotations or cooperative contracts and make reference in the notes section of the purchase requisition. If an increase to the original award causes the amount to exceed \$24,999.99, user departments must first contact the Procurement Department.

For Purchases between \$0.01 and \$2,999.99, user departments shall seek a source with fair and reasonable pricing, competitive quotations are encouraged, but are not required. These may be purchased prior to completion of a purchase requisition. The user department's responsible manager shall make reasonable efforts to assure that the best value is being obtained for NTMWD. User departments management is responsible for maintaining controls and oversight for their department's procurement procedures.

Water Variable Cost Rebate Policy

This policy is intended to provide a framework with which the Board of Directors, on an annual basis, may consider a rebate of monies paid by Member Cities and Customers, when such cities' and customers' demands for water do not meet or exceed their annual system volume requirement. This policy is intended to incentivize water conservation and reward the Member Cities and Customers when their actions result in reduced water deliveries and greater water conservation.

The following provides a description of the program and required procedures:

1. To be eligible for a rebate, the Member City or Customer shall:
 - a) have had water demands supplied at volumes less than its annual minimum volume requirement established in the Budget Resolution;
 - b) not currently establishing an annual minimum volume requirement by contract negotiation.
2. The volume eligible for rebate, if authorized by the Board of Directors, would be the difference between the annual minimum volume requirement as established in the Budget Resolution and the actual usage by the Member City or Customer during the most recently completed 12-month water year (August 1 through July 31).
3. The total amount of funds to be considered for rebate shall be calculated as the difference between the budgeted fiscal year variable costs, as determined annually by the Board of Directors, and the corresponding fiscal year unaudited variable expenses in the Regional Water System. If variable expenses are greater than the budgeted fiscal year variable costs/charges, no rebate shall be administered.
4. The total amount of funds to be considered for rebate shall be allocated amongst all eligible Member Cities and Customers based on such Member City or Customer's proportionate share of the total volume eligible for rebate as determined in Item 2 above.
5. Each year at the October Board of Directors meeting, the ED will provide the Board of Directors a list of Member Cities and Customers eligible for rebates, if any, and the total amount of funds to be considered for rebate (the original budget of the variable cost less actual use). The item shall be a "discussion item" on the October agenda. After considering the financial condition of the District, the Board of Directors shall either instruct the Executive Director to place the rebates on the November agenda for consideration or accept the report as information only.
6. Should the Board of Directors elect to provide a rebate at the November Board of Directors meeting, the Executive Director shall authorize payment to the eligible Member Cities and Customers within 30 days of the Board's action.
7. The Board shall follow the above-referenced procedure on an annual fiscal year basis.

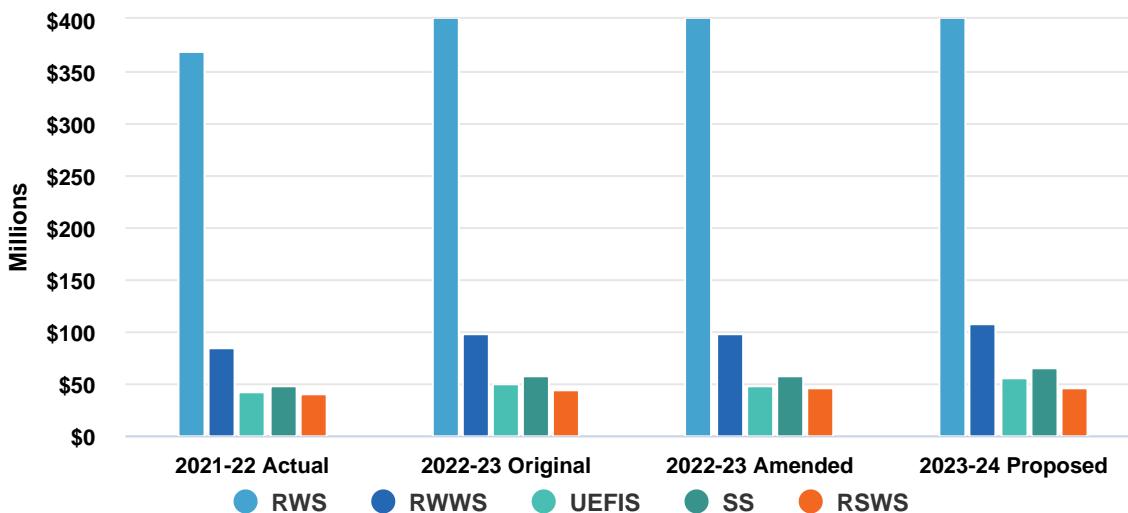
The budget complies with the relevant financial policies and procedures. The previously discussed items not specifically denoted as Policy are not official Board of Directors approved policies, but are the best practices and procedures that guide the District's fiscal management. The complete Administration and Finance Policies Manual can be accessed using the following link:

<https://www.ntmwd.com/documents/administration-and-finance-policies-manual/>

Major Revenue Sources

The District generates revenues by providing wholesale water, wastewater and solid waste services to Member Cities and Customers. The budgeted system revenues are the product of the system rate and projected volumes. The system volumes are projected using actual trends or contract minimums and the proposed system rates are calculated by dividing the total projected volume by required system expenditures.

TOTAL BUDGETED REVENUE BY SYSTEM



Budgeted Revenue	RWS	RWWS	UEFIS	SS	RSWS	TOTAL
2021-22 Actual	\$ 369,218,497	\$ 85,340,767	\$ 41,415,347	\$ 48,562,166	\$ 40,446,274	\$ 584,983,050
2022-23 Original	\$ 430,650,970	\$ 97,359,870	\$ 49,503,070	\$ 56,850,540	\$ 43,473,935	\$ 677,838,385
2022-23 Amended	\$ 433,009,570	\$ 97,346,400	\$ 48,974,735	\$ 56,989,795	\$ 45,479,995	\$ 681,800,495
2023-24 Proposed	\$ 473,423,880	\$ 108,374,210	\$ 55,601,960	\$ 64,479,840	\$ 45,548,730	\$ 747,428,620

Regional Water System

The Regional Water System is the District's major source of revenue. It accounts for \$473,423,880 or 63.3% of the FY24 Annual Budget's total estimated revenue. Total treated water sales are expected to be \$471,027,629. Member Cities and Customer water sales account for the majority of the treated water sales revenue. Minimum Annual Demands are established pursuant to Member City and Customer Water Service Contracts.

Minimum Annual Demands ensure that each city pays for its proportional share of the total fixed costs and that the District has the funding required to develop, operate and maintain supply facilities to meet the potential maximum system capacity that each city may need.

Total system charges for treated water are based upon the total budgeted expenditures. For FY24 the estimated RWS expenditures total \$469,388,075. The District sets the water rate by taking total budgeted expenses minus other revenue and dividing by the contracted minimum water volumes. For FY24, the proposed water rates for Member Cities and Customers are \$3.69 and \$3.74 per 1,000 gallons respectively.

The components of the Member City Water Rate are as follows:

	2022-23	Proposed 2023-24	Change
Variable O&M Cost (Chemicals, Power, Water)	\$ 0.81	\$ 0.83	\$ 0.02
Fixed O&M Cost (Personnel, Supplies, Services, Capital Outlay)	0.84	0.87	0.03
Fixed Cost (Capital, Debt Service)	1.74	1.99	0.26
Total Rate per 1,000	<u>\$ 3.39</u>	<u>\$ 3.69</u>	<u>\$ 0.30</u>

The table below shows a breakdown of volumes and revenue by Member Cities and Customers.

FY24			
MEMBERS	Annual Minimum (1,000 Gallons)	Annual Billing	
Allen	6,337,339	\$ 23,384,781	
Farmersville	273,807	1,010,348	
Forney	2,866,785	10,578,437	
Frisco	14,133,266	52,151,752	
Garland	13,055,765	48,175,773	
McKinney	12,390,810	45,722,089	
Mesquite	7,819,360	28,853,438	
Plano	25,457,479	93,938,098	
Princeton	1,372,059	5,062,898	
Richardson	10,565,349	38,986,138	
Rockwall	4,728,973	17,449,910	
Royse City	873,326	3,222,573	
Wylie	1,930,568	7,123,796	
TOTAL MEMBERS	101,804,886	\$ 375,660,029	
<hr/>			
CUSTOMERS			
Ables Springs SUD	109,977	\$ 411,314	
Bear Creek SUD	476,419	1,781,807	
BHP WSC	176,927	661,707	
Bonham *	640,000	2,361,600	
Caddo Basin SUD	493,610	1,846,101	
Cash SUD	360,572	1,348,539	
College Mound SUD	78,066	291,967	
Copeville SUD	139,114	520,286	
East Fork SUD	699,808	2,617,282	
Fairview	1,036,186	3,875,336	
Fate	920,331	3,442,038	
Forney Lake WSC	632,384	2,365,116	
Gastonia-Scurry SUD	110,490	413,233	
GTUA	1,633,584	6,109,604	
Josephine	243,242	909,725	
Kaufman	465,043	1,739,261	
Kaufman Four-One	555,695	2,078,299	
Little Elm	1,804,752	6,749,772	
Lucas	712,171	2,663,520	
Melissa	350,960	1,312,590	

FY24

CUSTOMERS (continued)	Annual Minimum (1,000 Gallons)	Annual Billing
Milligan WSC	149,894	\$ 560,604
Mt. Zion WSC	156,750	586,245
Murphy	1,661,494	6,213,988
Nevada SUD	160,111	598,815
North Collin SUD	390,919	1,462,037
Parker	676,902	2,531,613
Prosper	3,085,412	11,539,441
Rose Hill SUD	142,315	532,258
Rowlett	3,192,039	11,938,226
Sachse	1,332,153	4,982,252
Seis Lagos MUD	165,598	619,337
Sunnyvale	783,784	2,931,352
Terrell	1,489,739	5,571,624
Wylie N.E. SUD	476,262	1,781,220
TOTAL CUSTOMERS	25,502,703	\$ 95,348,109
Retail Customers	-	17,440
Raw Water Sales	-	2,050
GRAND TOTAL	127,307,589	\$ 471,027,629

*Contract Annual Minimums

Regional Wastewater System

RWWS revenue accounts for \$108,374,210 or 14.5% of the FY24 Annual Budget's total estimated revenue. Total wastewater treatment revenue is estimated at \$107,309,255, the majority of which will be received from Member Cities that share the cost of wastewater treatment based on proportional estimated flows. Wastewater treatment charges to Member Cities and Customers are based upon the budgeted expenditure requirements. For FY24, estimated expenditures totaling \$108,374,210 result in a proposed cost per 1,000-gallon rate of \$2.85 for Members and \$3.45 for Customers. The table below shows a breakdown of volumes and revenue by Member Cities and Customers.

FY24			
MEMBERS	Projected Flows (1,000 gallons)	Annual Billing	
Allen	2,912,674	\$	8,314,626
Forney	1,531,943		4,373,141
Frisco	1,821,514		5,199,761
Heath	794,202		2,267,158
McKinney	6,253,568		17,851,665
Melissa	531,802		1,518,102
Mesquite	5,170,360		14,759,500
Plano	9,689,296		27,659,420
Princeton	648,534		1,851,329
Prosper	651,130		1,858,740
Richardson	4,361,719		12,451,123
Rockwall	1,341,958		3,830,803
Seagoville*	591,300		1,687,947
TOTAL MEMBERS	36,300,000	\$	103,623,315
<hr/>			
CUSTOMERS			
Anna	771,481	\$	2,658,430
Fairview - Heritage Ranch	48,498		167,120
Fairview - Stacy Road	150,106		517,250
Lucas - Love Joy & Hunt Comm.	10,198		35,140
Parker - Lake Estates & King Crossing	88,058		303,440
Parker Southfork Ranch	1,323		4,560
TOTAL CUSTOMERS	1,069,664	\$	3,685,940
GRAND TOTAL	37,369,664	\$	107,309,255

*Contract Minimums

At the end of each year the District prepares an analysis to determine the total annual charges to cities. The District takes the total operating expenses, including encumbrances that meet certain requirements, and total revenues for the system to calculate the total annual charges to cities. This calculation determines the Member City / Customer revenue requirement. The District then uses actual flows to determine the proportional share of the revenue requirement for each of the Member Cities and Customers and deducts payments already made during the year and then provides a final bill or credit memo as appropriate.

Upper East Fork Interceptor System

UEFIS revenue accounts for \$55,601,960 or 7.4% of the FY24 Annual Budget's total estimated revenue. Total wastewater transportation revenue is estimated at \$54,795,865, the majority of which will be received from Member Cities that share the wastewater transportation cost based on proportional estimated flows. Wastewater transportation charges to Member Cities and Customers are based upon the budgeted expenditure requirements. For FY24, estimated expenditures totaling \$55,601,960 result in a proposed cost per 1,000-gallon rate of \$2.01 for Members Cities and \$2.43 for Customers. The table below shows a breakdown of volumes and revenue by Member Cities and Customers.

FY24		
MEMBER CITIES	Projected Flows (1,000 gallons)	Annual Billing
Allen	2,912,674	\$ 5,854,274
Frisco	1,821,514	3,661,118
McKinney	6,253,568	12,569,242
Melissa	531,802	1,068,885
Plano	9,689,296	19,474,818
Princeton	648,534	1,303,509
Prosper	651,130	1,308,727
Richardson	3,459,786	6,953,932
TOTAL MEMBER CITIES	25,968,304	\$ 52,194,505
CUSTOMERS		
Anna	771,481	\$ 1,876,200
Fairview - Heritage Ranch	48,498	117,940
Fairview - Commercial	150,106	365,050
Lucas - Love Joy & Hunt Comm.	10,198	24,800
Parker - Lake Estates & Kings Crossing	88,058	214,150
Parker - Southfork Ranch	1,323	3,220
TOTAL CUSTOMERS	1,069,664	\$ 2,601,360
GRAND TOTAL	27,037,968	\$ 54,795,865

At the end of each year the District prepares an analysis to determine the total annual charges to cities. The District takes the total operating expenses, including encumbrances that meet certain requirements, and total revenues for the system to calculate the total annual charges to cities. This calculation determines the Member City / Customer revenue requirement. The District then uses actual flows to determine the proportional share of the revenue requirement for each of the Member Cities and Customers and deducts payments already made during the year and then provides a final bill or credit memo as appropriate.

Small Systems

Small Systems revenue accounts for \$64,479,840 or 8.6% of the FY24 Annual Budget's total estimated revenue. Special Facility Contract Revenue is received from participating entities for 9 WWTPs, 9 interceptor facilities, a Pretreatment System and 5 water transmission, distribution or storage facilities. Charges for each facility are based on current budgeted expenditures and are billed to participating entities. Small Systems wastewater treatment revenue is projected to be \$46,023,120

The table below presents the estimated unit cost for the operational Small Systems wastewater treatment plants. Factors that affect the unit cost of WWTPs include facility capacity, utilization, amount of rainfall and the effects of inflow and infiltration, type and level of treatment required by permit, construction cost (debt service), power cost and chemical requirements:

FY24

WWTP (Participating Entities)	Projected Flow (1,000 gal)	Annual Billing
Farmersville (Farmersville)	179,107	\$ 832,075
Lavon (Lavon)	121,875	583,525
Muddy Creek (Murphy & Wylie)	2,887,601	11,361,000
North Rockwall	130,199	978,175
Panther Creek (North Frisco)	1,208,440	11,076,440
South Rockwall	325,307	2,069,335
Sabine Creek (Fate & Royse City *)	924,117	6,828,810
Seis Lagos (Seis Lagos Subdivision)	68,666	420,565
Stewart Creek (South Frisco)	2,244,246	11,873,195
Total	8,089,558	\$ 46,023,120

*Contract Minimums

Small Systems wastewater transportation revenue is projected to be \$13,697,090. The table below presents the estimated unit cost for the Small Systems interceptor facilities:

FY24

Interceptor Facility (Participating Entities)	Projected Flow (1,000 gal)	Annual Billing
Forney (Forney)	58,381	\$ 610,840
Lower East Fork (Mesquite & Seagoville) *	764,570	2,952,015
Muddy Creek (Murphy & Wylie) *	2,887,601	182,485
Parker Creek (Fate & Royse City) *	293,541	445,245
Sabine Creek (Royse City) *	405,442	358,000
Buffalo Creek (Forney, Heath, Rockwall)	2,539,100	5,339,530
McKinney (McKinney)	1,474,463	52,975
Mustang Creek (Forney)	1,070,621	3,491,660
Parker Creek Parallel (Fate)	225,136	264,340
Total	9,718,855	\$ 13,697,090

*Contract Minimums

At the end of each year the District prepares an analysis to determine the total annual charges to cities. The District takes the total operating expenses, including encumbrances that meet certain requirements, and total revenues for the system to calculate the total annual charges to cities, for each system. This calculation determines the Member City / Customer revenue requirement. The District then uses actual flows to determine the proportional share of the revenue requirement for each of the Member Cities and Customers and deducts payments already made during the year and then provides a final bill or credit memo as appropriate.

Regional Solid Waste System

RSWS revenue accounts for \$45,548,730 or 6.1% of the FY24 Annual Budget's total estimated revenue. Total solid waste disposal revenue from Member Cities is expected to be \$26,400,650. Member solid waste disposal charges account for the majority of the solid waste disposal revenue. Member Cities share the solid waste disposal cost based on an estimate of contributed tonnage. For FY24, estimated expenditures total \$45,548,730. After reducing expenses for Customer Charges of \$10,330,410, Sludge Revenues of \$3,901,655, Gas Royalties of \$2,300,000, Interest Income of \$221,250 and Other Revenue of \$2,394,765 the remaining expenses result in a proposed cost per ton rate of \$38.25 for Members. The table below shows a breakdown of volumes and revenue by Member Cities.

FY24		
Members	Projected Tonnage	Annual Billing
Allen	67,250	\$ 2,572,235
Frisco	140,347	5,368,110
McKinney	158,167	6,049,704
Plano	223,500	8,548,616
Richardson	100,970	3,861,985
TOTAL MEMBERS	690,234	\$ 26,400,650

Landfill Customer charges are projected to be \$10,330,410. In FY24, for disposal at the transfer stations, customers will pay \$65 per ton, one-ton minimum charge applies, and an additional \$150 surcharge for loads containing roofing shingles. Customers disposing at the 121 RDF will pay \$48 per ton, one-ton minimum charge applies, with an additional charge above the basic charge for tires based upon wheel size (\$5 per tire up to 24.5 inch diameter, \$20 per farm tractor and motor grader tire), an additional \$150 surcharge for loads containing roofing shingles and a \$25 pull-off fee (non-refundable). Taxes will be charged as applicable.

Sludge Disposal revenue is estimated at \$3,901,655. For FY24, the charge to District operated wastewater treatment plants for disposal of federal and state approved sludge materials is \$28.09 per actual ton.

At the end of each year the District prepares an analysis to determine the total annual charges to cities. The District takes the total operating expenses, including encumbrances that meet certain requirements, and total revenues for the system to calculate the total annual charges to cities. This calculation determines the Member City / Customer revenue requirement. The District then uses actual flows to determine the proportional share of the revenue requirement for each of the Member Cities and Customers and deducts payments already made during the year and then provides a final bill or credit memo as appropriate.

Budget Summary

The FY23 All Systems Amended Budget is \$678,748,040, which is \$7,771,775 or 1.2% greater than the FY23 Original Budget.

This increase in expenses is primarily the result of the following:

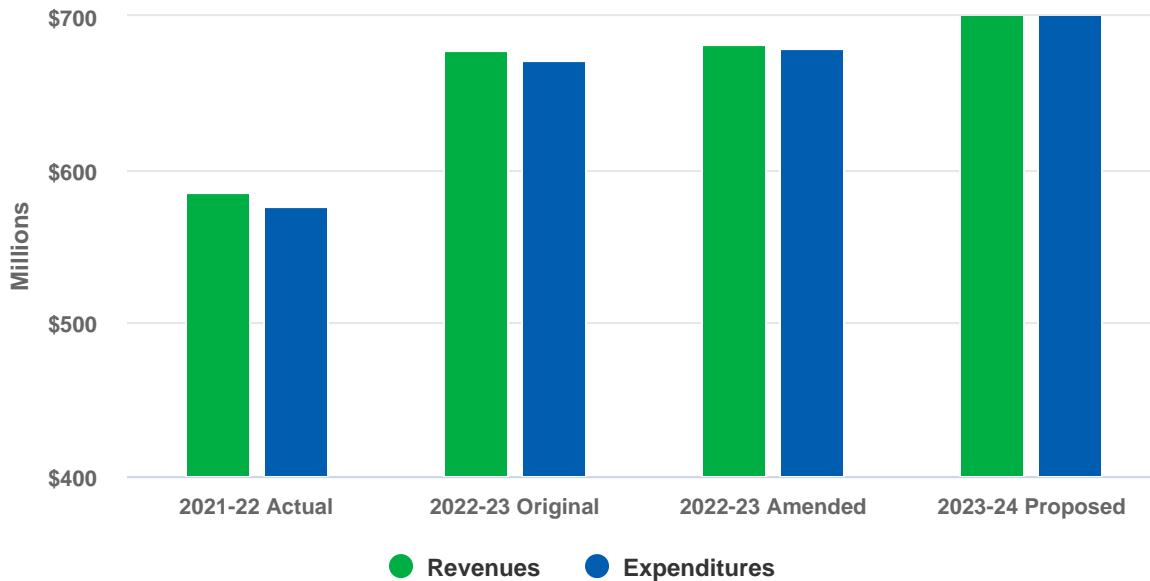
- Carry over of expenses from FY23 due to supply chain issues, these expenses were offset by funds that were held in escrow specifically for this purpose
- Increased transfers to the Regional Water System Contingency Fund to maintain 150 days of Operating and Maintenance reserves in accordance with the fund balance policy
- Additional transfers to the Regional Solid Waste System Capital Improvement Fund to allow for more cash funding of projects in upcoming years.

The 2023 Water Year saw 117.5 billion gallons of water sold, which was the second year in a row with record usage. Growth in the user base and the water usage underline the importance of making sure we continue to do everything we can to ensure future supply. In FY23, we began treating and pumping water from our newest source, Bois d'Arc Lake. This project spanned decades and was the first new reservoir built in Texas in the last 30 years. We must continue planning for the growth and continue conservation programs to ensure adequate supply is available for our region both now and in the future.

The overall FY24 Annual All Systems Budget of \$743,392,815 represents an increase of \$72,416,550 or 10.8%.

A comparison of the All Systems Budget for FY22 through FY24 is presented below:

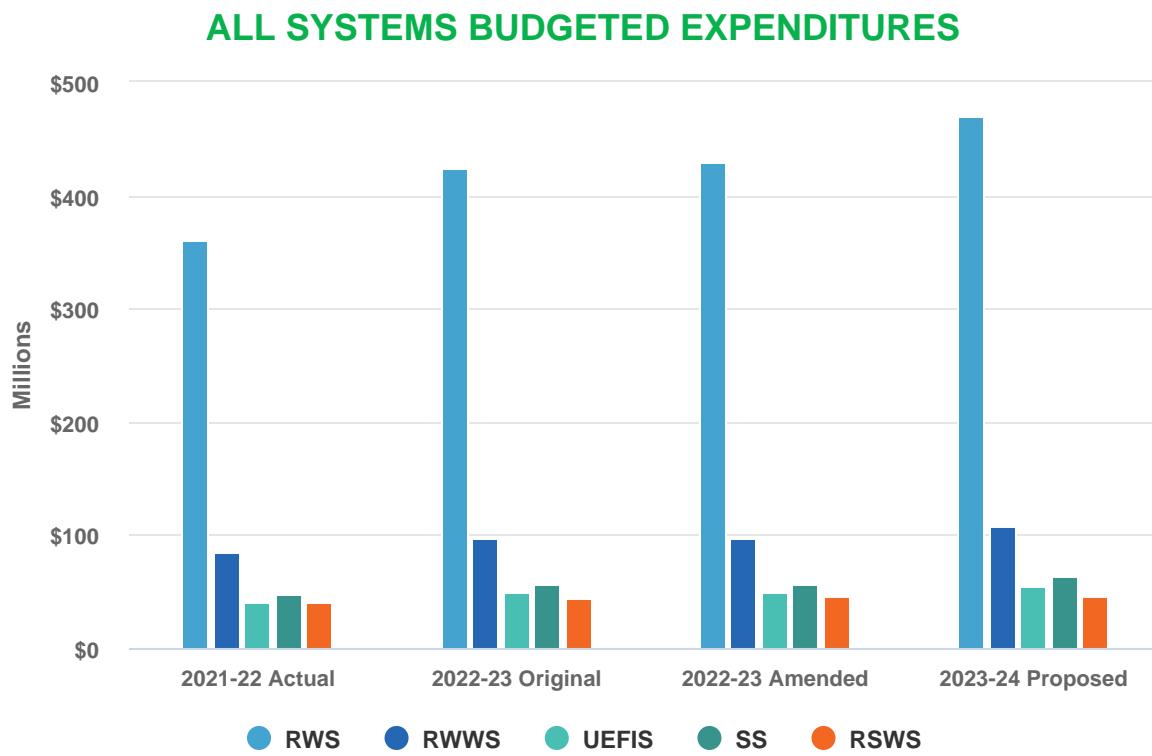
BUDGET SUMMARY



	2021-22 Actual	2022-23 Original	2022-23 Amended	2023-24 Proposed
Revenues	\$ 584,983,050	\$ 677,838,385	\$ 681,800,495	\$ 747,428,620
Expenditures	576,283,010	670,976,265	678,748,040	743,392,815
Excess / (Shortfall) prior to fund balance adjustment	\$ 8,700,040	\$ 6,862,120	\$ 3,052,455	\$ 4,035,805
RWS Operating Fund Balance adjustment per Policy	8,700,040	6,700,000	3,052,455	4,035,805
Excess / (Shortfall) after fund balance adjustment	\$ -	\$ 162,120	\$ -	\$ -

Review by System

Below is a breakdown of the Budgeted Expenditures by System for FY22 through FY24:



System Expenditures	2021-22 Actual	2022-23 Original	2022-23 Amended	2023-24 Proposed
RWS	\$ 360,518,456	\$ 423,788,850	\$ 429,957,115	\$ 469,388,075
RWWS	85,340,767	97,359,870	97,346,400	108,374,210
UEFIS	41,415,347	49,503,070	48,974,735	55,601,960
SS	48,562,166	56,850,540	56,989,795	64,479,840
RSWS	40,446,274	43,473,935	45,479,995	45,548,730
Total	\$ 576,283,010	\$ 670,976,265	\$ 678,748,040	\$ 743,392,815

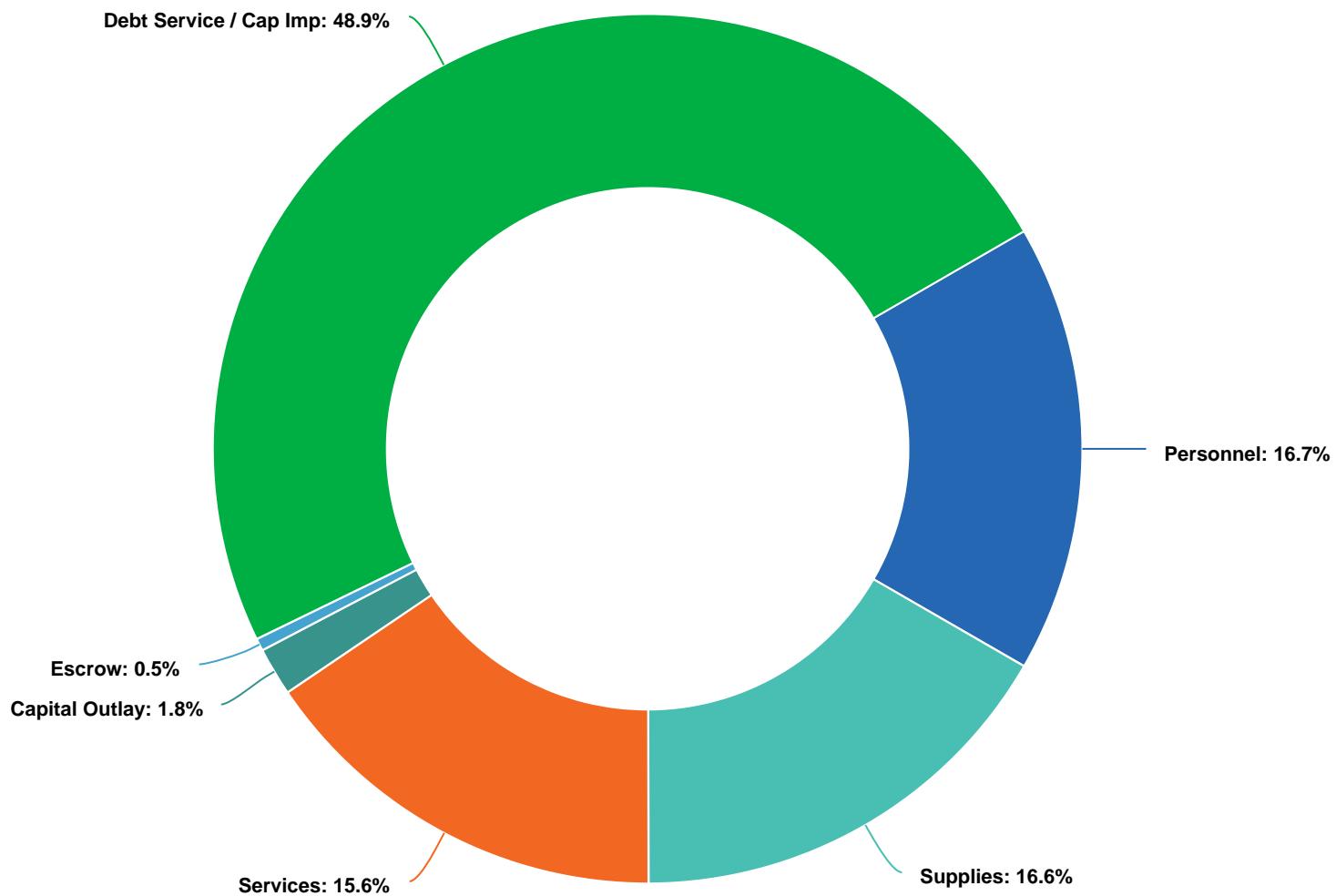
Review by Category

The following is a summary of FY22 through FY24 All Systems Budgets by Category:

ALL SYSTEMS BUDGET BY CATEGORY

Category	2021-22 Actual	2022-23 Original	2022-23 Amended	2023-24 Proposed
Personnel	\$ 95,065,906	\$ 112,964,485	\$ 112,223,305	\$ 123,925,830
Supplies	84,173,484	113,691,540	117,326,905	123,611,345
Services	78,814,552	101,244,545	95,480,260	115,718,330
Capital Outlay	13,898,948	14,223,670	19,164,925	13,427,400
Escrow	7,545,150	5,128,025	12,615,645	3,422,810
Debt Service / Cap Imp	296,784,970	323,724,000	321,937,000	363,287,100
Total	\$ 576,283,010	\$ 670,976,265	\$ 678,748,040	\$ 743,392,815

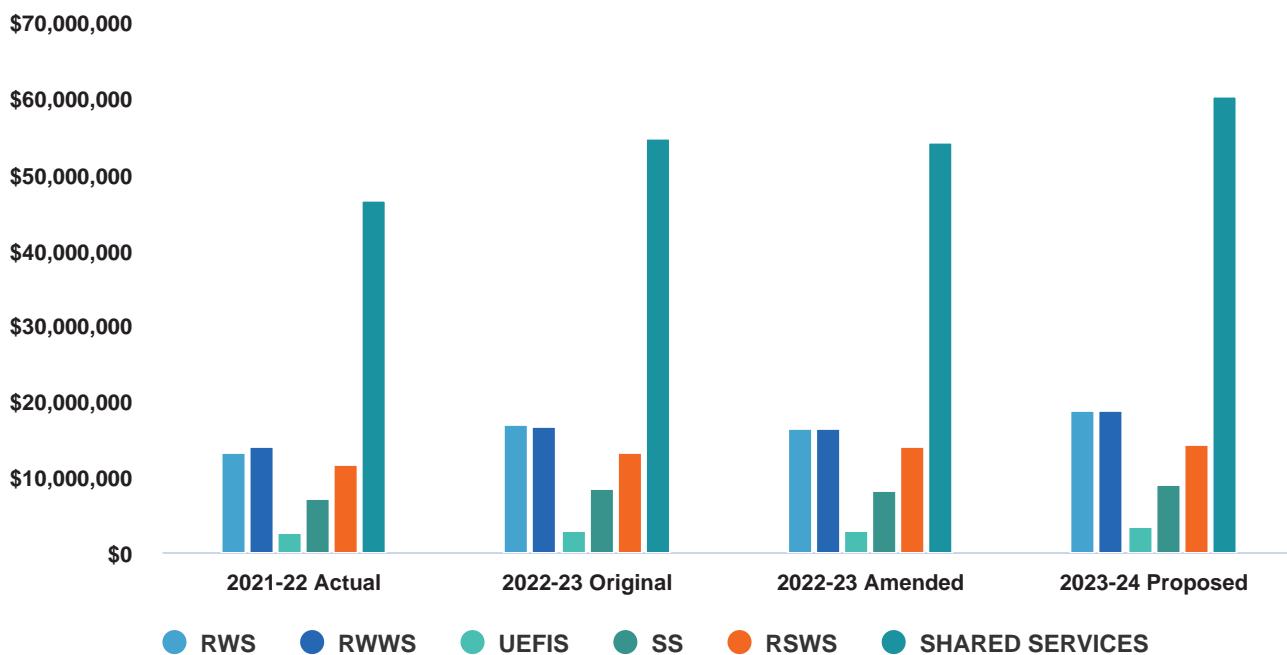
PROPOSED BUDGET EXPENSES BY CATEGORY



Personnel

The FY23 Amended All Systems Budget for Personnel is expected to be \$112,223,305 which is (\$741,180) or -0.7% less than the FY23 Original Budget. Savings from vacancies were offset by increased overtime and retirement funding costs.

PERSONNEL EXPENSES BY SYSTEM



Personnel	2021-22 Actual	2022-23 Original	2022-23 Amended	2023-24 Proposed
RWS	\$ 13,204,603	\$ 17,036,445	\$ 16,428,915	\$ 18,700,640
RWWS	\$ 13,878,942	\$ 16,746,445	\$ 16,396,040	\$ 18,688,480
UEFIS	\$ 2,559,145	\$ 2,967,375	\$ 2,984,200	\$ 3,335,865
SMALL SYSTEMS	\$ 7,261,730	\$ 8,441,540	\$ 8,252,950	\$ 8,878,640
RSWS	\$ 11,656,661	\$ 13,122,690	\$ 14,001,040	\$ 14,204,120
SHARED SERVICES	\$ 46,504,823	\$ 54,649,990	\$ 54,160,160	\$ 60,118,085
Total Personnel	\$ 95,065,906	\$ 112,964,485	\$ 112,223,305	\$ 123,925,830

The FY24 All Systems Budget for personnel is \$123,925,830 which is \$10,961,345 or 9.7% greater than the FY23 Original Budget. The increase in salaries and benefits is primarily the result of funding 26 net new positions as well as employee performance merits, retirement plan funding increases, and rising health insurance costs.

The District faces several challenges when it comes to staffing:

- Maintaining appropriate staffing levels as the District's operations and service area grows
- Maintaining and building bench strength in key positions
- Ensuring compensation is competitive in the local labor market
- Keeping employees safe and healthy
- Providing career development opportunities for staff

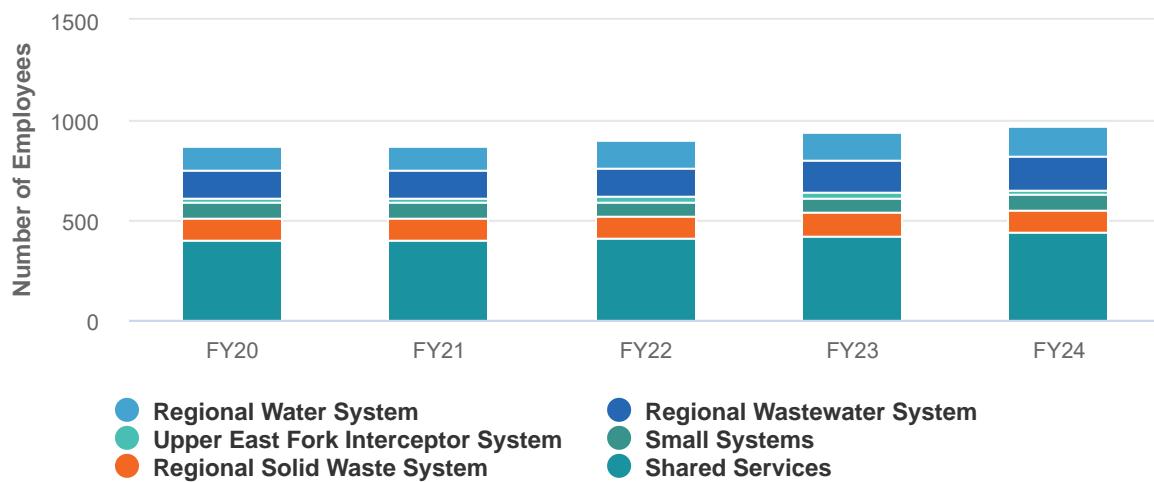
Meeting these challenges, as an organization, is a priority and the District includes multiple personnel initiatives as part of the Strategic Plan to ensure they are met.

In FY23, the District performed an internal pay compression analysis that resulted in 70 employees receiving a salary adjustment to better align their pay with their knowledge, skills, experience and abilities. In FY24, the District is recommending an average 5% merit increase based on employee performance. There will also be a 2% adjustment to the pay grades. These adjustments will help ensure employees continue to be compensated fairly in the tight labor market.

Each year managers complete a performance evaluation for each of their staff. The performance evaluation is intended to assist managers and employees by providing a tool to:

- Recognize good performance
- Identify areas for improvement
- Create incentives for increased efficiency and good conduct
- Provide a record to support classification changes, salary adjustments and disciplinary actions
- Improve communications between managers and employees

DISTRICT STAFFING SUMMARY



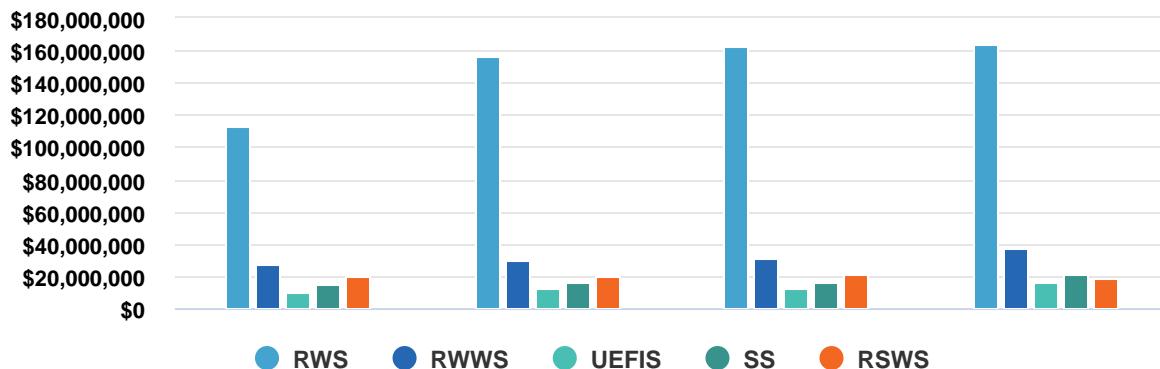
District Wide Staffing	FY20	FY21	FY22	FY23	FY24
Regional Water System	127	127	136	146	153
Regional Wastewater System	137	140	145	160	165
Upper East Fork Interceptor System	22	22	23	23	24
Small Systems	75	74	74	76	75
Regional Solid Waste System	113	114	113	116	116
Shared Services	399	398	406	422	436
Total Positions	873	875	897	943	969

Total budgeted positions for FY24 are 969, a 2.8% increase from the prior year. Departments originally requested a total of 51 positions and after reviewing all of the requests a net of 26 new positions were added. The position additions are related to growth in the Operating Systems and the need for additional Shared Service employees to support the Operating Systems. RWS increased by 7 positions to implement new programs and for growth in the system. Wastewater Systems collectively added a net of 5 positions which included the elimination of a Wastewater Supervisor in order to be efficient. Shared Services increased by 14 positions, which spans multiple departments including: Construction, Engineering, Tech Services, Human Resources, Accounting, Procurement, Safety and the Lab. All staffing changes are reflected within each department's staffing summaries throughout the budget document.

Operations

The FY23 Amended All Systems Budget for Operations is \$244,587,735 which is \$10,299,955 or 4.4% greater than the FY23 Original Budget. The primary cause of this increase is due to additional transfers to the Contingency Fund in the RWS to meet reserve requirements and increases to chemicals. Both the transfer and higher chemicals were offset by additional revenues and had no impact on the rates. There were also some purchase orders that had to be carried over from the prior year due to supply chain issues, but these were offset using escrow funds.

OPERATING EXPENSES BY SYSTEM



Operating	2021-22 Actual	2022-23 Original	2022-23 Amended	2023-24 Proposed
RWS	\$ 113,103,229	\$ 156,088,647	\$ 162,593,768	\$ 164,046,759
RWWS	27,140,540	30,289,203	31,600,607	36,762,731
UEFIS	9,750,848	12,409,526	12,949,115	15,805,081
SS	14,591,801	15,569,926	16,463,420	20,535,938
RSWS	19,845,716	19,930,478	20,980,826	19,029,375
Total Operating	\$ 184,432,134	\$ 234,287,780	\$ 244,587,735	\$ 256,179,885

The FY24 All Systems Budget for Operations is \$256,179,885 which is \$21,892,105 or 9.3% greater than the FY23 Original Budget.

The following areas increased:

- Chemicals were higher in the RWS based on expected additional volume of water to be treated. Chemical unit price increases have normalized compared to the previous year.
- Pipeline Maintenance driven by the Linear Asset Management Program (LAMP) initiative which will allow better risk management / proactive maintenance within the RWS
- Engineering/Consultant Services for an inspection on the Plano Water Transmission Ridgeview pipeline
- Special Studies & Reports for capacity assessments in the Lower East Fork Interceptor System
- Lake Maintenance at Lavon Lake due to increases in the US Army Corps of Engineers (USACE) agreement
- Equipment Maintenance in the RWS and RWWS
- Fire & Extended Coverage Insurance due to increased property valuations

The above increases were partially offset by the following:

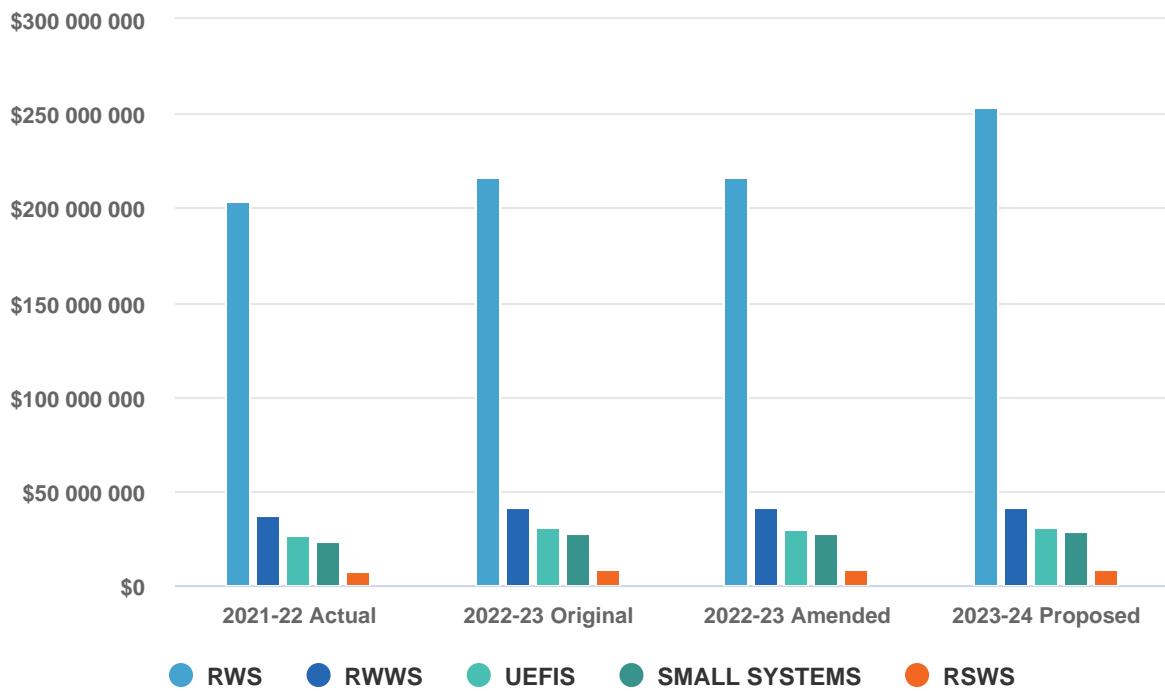
- Fuel, Oil and Lube based on lower fuel bid pricing compared to current
- Electric Power reductions based on usage
- Prior year included funding for landfill expansion, however it only occurs every other year, so in FY24 it is not budgeted
- Lower expected need for Special Maintenance in the RWS. Special Maintenance consists of Lagoon cleaning / residual hauling, various rehabilitation projects, replacements, basin/clearwell cleanings and other miscellaneous maintenance.

Capital

The service area for the District is considered one of the fastest growing in the nation. This growth, along with aging infrastructure, makes ongoing investment in capital projects a critical element of continuing to provide services for Member Cities and Customers. In addition to short term capital outlay, included as part of the operating budget, the District funds its capital projects through transfers to capital improvement funds as well as issuing long term debt. In FY24, 49% of the total All Systems Budget is related to these transfers and debt service payments. New capital projects include the cost to build the project as well as future ongoing O&M costs. For planning purposes the District uses a percentage of a project's capital cost to estimate future O&M costs, generally between 1-6% depending on the type of facility being built. Over time, these additional costs are expected to be offset by the additional revenue that is generated by growing demands on the systems.

The FY23 Amended All Systems Budget for Capital is \$321,937,000 which is (\$1,787,000) or (-0.6%) less than the FY23 Original Budget. This variance was caused by slightly lower debt service costs due to capital projects shifting and causing a delay in a planned bond sale. Savings from delayed bond sales were used to pay off existing Extendable Commercial Paper (ECP) in the RWS as well as increasing transfers to the Capital Improvement Fund in the RSWS.

CAPITAL EXPENSE BY SYSTEM



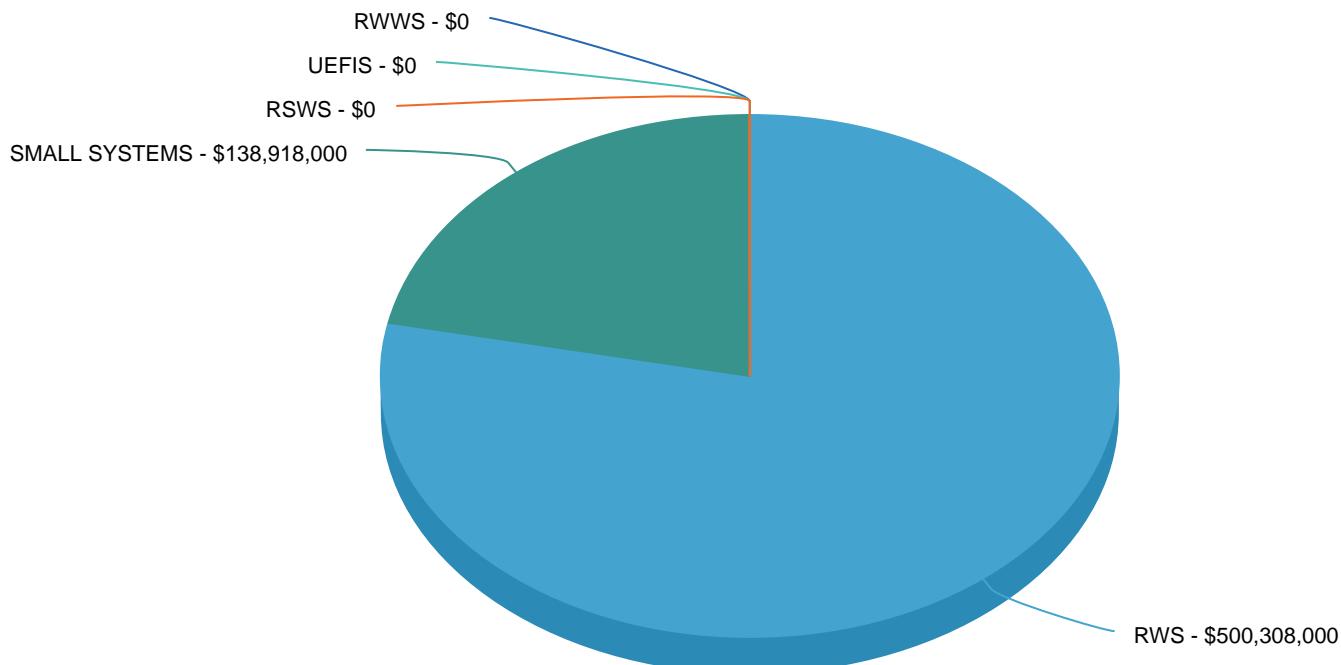
Capital	2021-22 Actual	2022-23 Original	2022-23 Amended	2023-24 Proposed
RWS	\$ 203,111,066	\$ 215,909,345	\$ 215,897,645	\$ 253,364,350
RWWS	\$ 37,610,554	\$ 41,622,485	\$ 41,122,485	\$ 41,313,930
UEFIS	\$ 26,143,087	\$ 30,278,020	\$ 29,378,020	\$ 30,940,310
SS	\$ 22,908,653	\$ 27,871,880	\$ 27,372,280	\$ 28,671,760
RSWS	\$ 7,011,611	\$ 8,042,270	\$ 8,166,570	\$ 8,996,750
Total Capital	\$ 296,784,970	\$ 323,724,000	\$ 321,937,000	\$ 363,287,100

The FY24 All Systems Budget for Capital is \$363,287,100 which is \$39,563,100 or 12.2% greater than the FY23 Original Budget. The increase is due to higher debt service payments as well as increased transfers to the capital improvement fund in the RWS. For FY24, the District has approximately \$1.4 billion worth of capital projects planned. These projects will be funded with capital improvement funds, bond issues and Extendable Commercial Paper (ECP). ECP is a short-term financing vehicle that acts like a revolving line of credit that will be repaid with long-term bonds in the future. There are no planned refundings of existing ECP debt in FY24.

- In the RWS, bond sales of \$500 million plus closing costs to fund Phase II of the Bois d'Arc Lake Raw Water Pump Station and Phase II of the Leonard Water Treatment Plant and components through the Texas Water Development Board's (TWDB) SWIFT program. There will also be \$450M of capital projects that will be funded with ECP.
- In the RWWS, no bond sales are planned although \$240 million of capital projects that will be funded with ECP including the South Mesquite Regional WWTP Peak Flow Management and Expansion and the Rowlett Creek Regional WWTP Peak Flow Management Phase II
- In the UEFIS, no bond sales are planned although nearly \$30 million of capital projects will be funded with ECP including the Preston Road Lift Station Expansion
- In the Small Systems, bond sales of approximately \$140 million for the design and construction of the Muddy Creek WWTP Expansion to 12.5 MGD; construction of the Muddy Creek WWTP Operations Building Improvements; construction and inspection of the Forney Mustang Creek Lift Station Phase II and Forney Mustang Creek Parallel Force Main; and Design of the Buffalo Creek Parallel Interceptor Phase II
- In the RSWS, no bond sales are planned but work is continuing on projects that were included in the FY23 bond sale that closed in July 2023

A complete listing of the contracts to be funded by the planned bond issues is included in the Appendix of the full budget document.

BUDGETED BOND ISSUES



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REGIONAL WATER SYSTEM

FY24 FAST BUDGET FACTS

WATER SERVICES

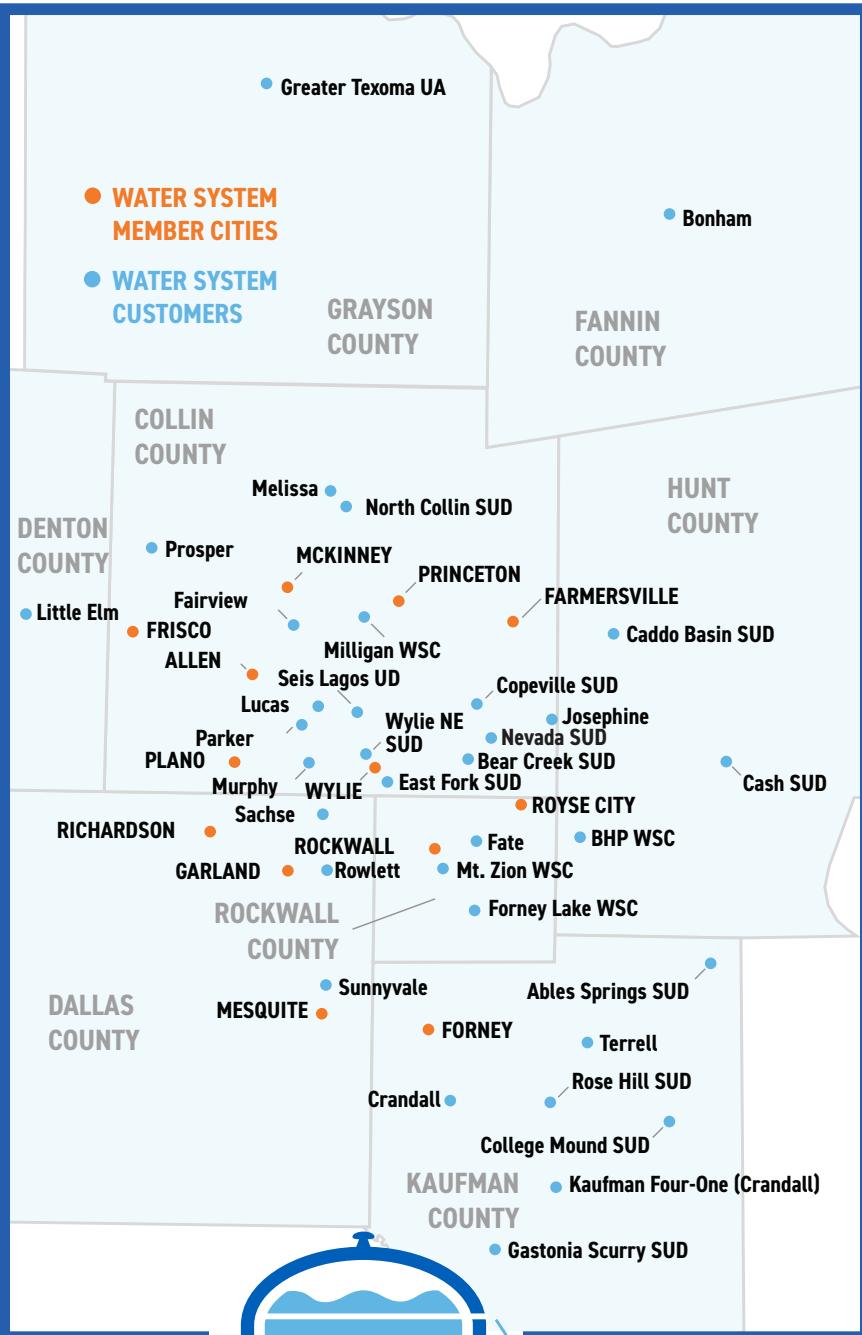
COMMUNITIES SERVED

153
EMPLOYEES

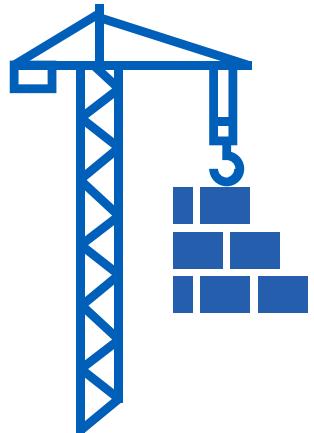
 **694+**
Miles of water
transmission lines

7 
Water treatment
PLANTS

Typically
32 BILLION
Gallons of water
re-used
annually

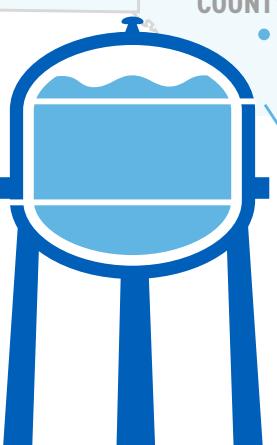


\$984
MILLION
In water system
Capital Improvement
Program projects



Average Annual
Water Use
81% Member
Cities
19% Customers

FY24 Annual Minimum
127.3 BILLION
Gallons of treated water



Regional Water System

Water Supply

The District's raw water is currently supplied by water rights held in Lavon Lake, Bois d'Arc Lake, Lake Texoma and Lake Jim Chapman, with Lavon Lake serving as the primary source of raw water. Additional supplies are furnished by contracted rights in Lake Tawakoni and Lake Fork Reservoir. The District also has the following raw water sources:

- A permitted water right for up to 64 MGD of capacity from the Wilson Creek Regional Wastewater Treatment Plant of highly treated effluent that is discharged into Lavon Lake
- A current supply of approximately 45 MGD from the East Fork Water Reuse Project that is discharged into Lavon Lake
- An additional maximum of 56,050 acre-feet per year through the Trinity River Main Stem Pump Station which is supplied through the East Fork Water Reuse Project to Lavon Lake
- A Lake Bonham supply of 4.8 MGD serving the Bonham Water Treatment Plant

To meet future water needs, the District continues to plan and participate in the statewide water planning process mandated by Senate Bill 1 as passed into law in 1997. The 2021 Region C Water Plan was submitted to the Texas Water Development Board (TWBD) and was included in the 2022 State Water Plan. The planning process is very complex due to the 50-year planning horizon and the multifaceted water management strategies that have been identified to meet the region's water supply needs.

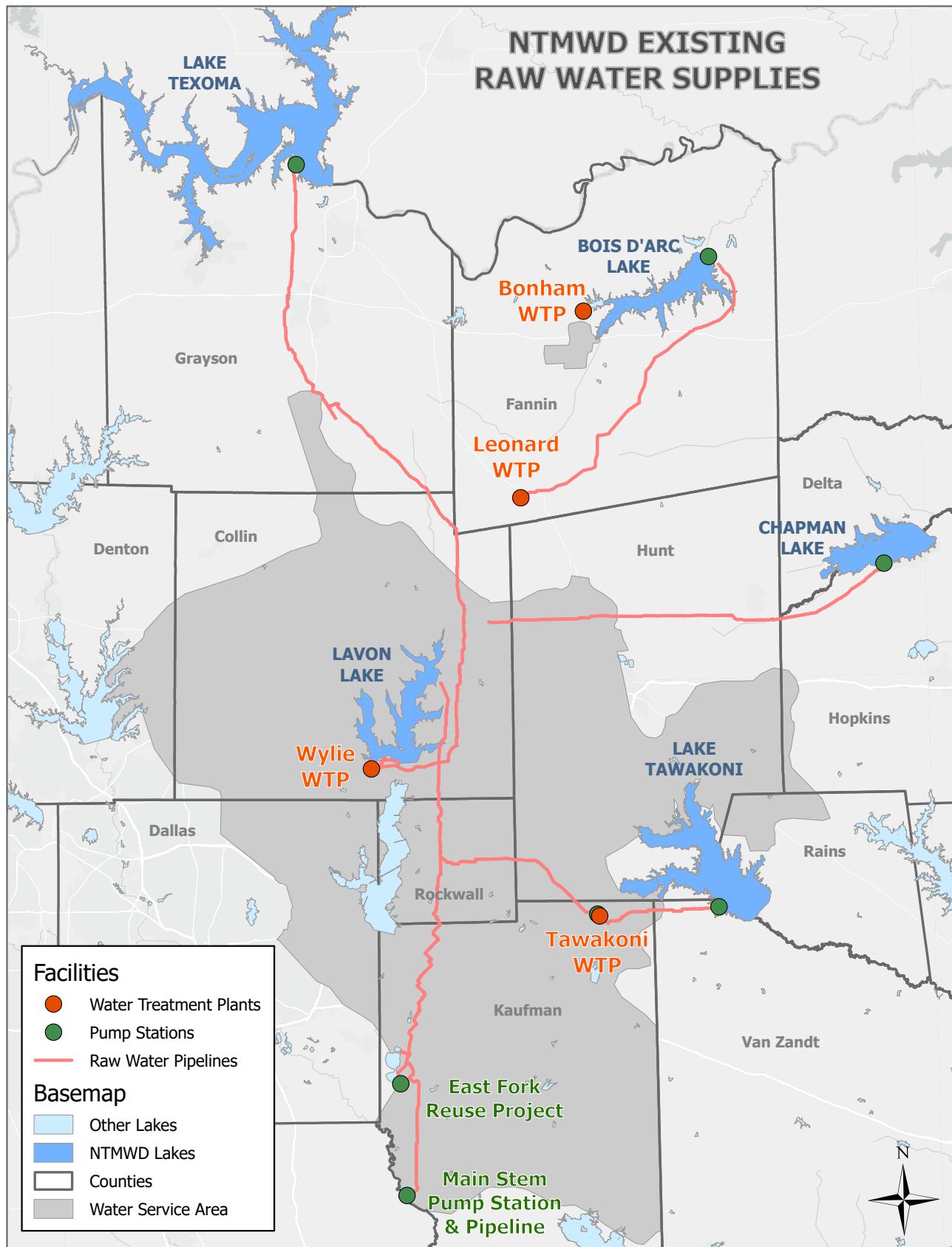
Water Quality

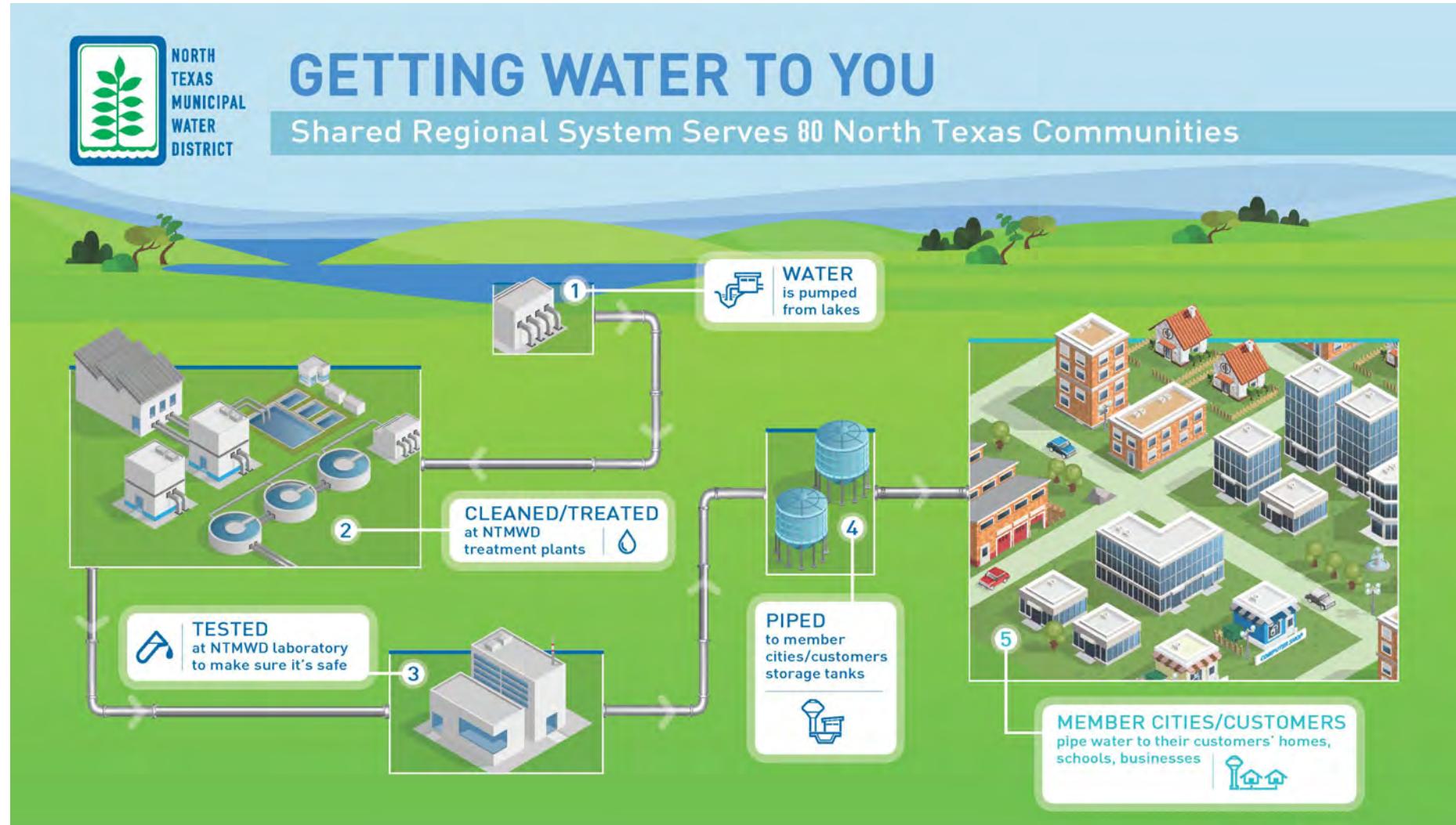
The District's top priority is to keep drinking water safe. To ensure quality water for the communities served, the District's nationally accredited laboratory conducts and processes hundreds of samples every day. Findings are reported to ensure drinking water meets or surpasses regulatory standards set by the Texas Commission on Environmental Quality (TCEQ), the U.S. Environmental Protection Agency (EPA) and the Safe Drinking Water Act.

To make sure the District provides high quality water that meets or surpasses EPA regulations and requirements, NTMWD treats water to remove or reduce sediment, bacteria and other impurities. The seven water treatment plants use a rigorous, multi-step process to treat and disinfect the water to ensure its safety as it travels through pipes to homes and businesses. The District continuously monitors and tests the water before delivering it to our Member Cities and Customers. The District publishes the levels of all regulated contaminants in our annual Water Quality Report (also known as Consumer Confidence Report or CCR).

The NTMWD Environmental Services Lab is accredited by the TCEQ for the National Environmental Laboratory Accreditation Program (NELAP) for potable and non-potable parameters and conducts nearly 250,000 tests per year.

Member Cities and Customers also test the water before they distribute it to their consumers. They produce their own annual water quality reports. Most of these can be accessed at each city or water utility's website.



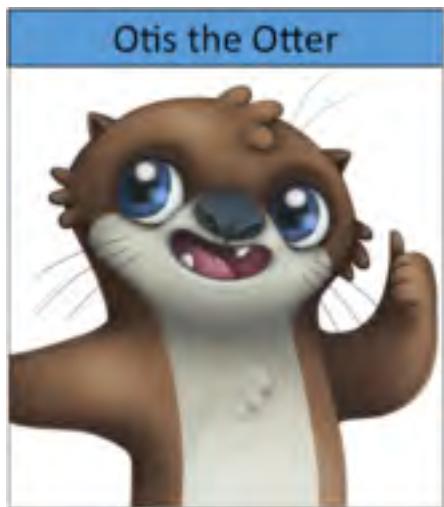


Water Conservation Efforts

Water conservation is an integral part of regional and state water supply planning. As reflected in the 2021 Region C Water Plan, over 30% of the District's water supplies is proposed to come from conservation and reuse over the 50-year planning horizon.

NTMWD initiated a concerted effort to establish a water conservation program approximately 20 years ago. Since then, the District has been recognized as a leader in water conservation for innovative outreach campaign programs. Award-winning programs such as Water IQ, Water4Otter, and the Water is Awesome campaign align messaging across multiple platforms to educate the public about water conservation. For example, the Water is Awesome campaign, which was developed in partnership with Tarrant Regional Water District and Dallas Water Utilities, has engaged millions of North Texans to educate them about water-wise landscaping and smart irrigation practices through print ads, social media, television, radio and billboards.

The Water4Otter program teaches grades K-5 about water conservation and water quality through interactive programs featuring mascot characters Otis the Otter, Farah Fox and Bob the Bobcat. Otis and friends visit local schools and introduce kids to the concept of "one water" and the importance of water treatment, wastewater treatment, stormwater management and watershed protection. In 2023, the Water4Otter program held 22 in-person school performances for grades K-5. Planning is ongoing to expand the program into Fannin County in 2024 to support conservation programs in the Bois d'Arc Lake Watershed.



In addition to education and outreach, the District supports data-driven tools to help residents and businesses in the service area conserve water. One such program is Water My Yard, a free service that provides weekly watering guidance based on local weather data from a network of weather stations and rain gauges in the NTMWD service area. Each week, over 20,000 subscribers use the WaterMyYard.org program to receive customized watering advice specific to their lawns and irrigation systems. The program helps prevent overwatering and wasteful irrigation, especially during the summer when water demand is high.

The District also works in cooperation with Member Cities and Customers to facilitate an Industrial, Commercial, Institutional and Multifamily (ICIM) water conservation program. NTMWD provides services such as workshops for city staff, voluntary site surveys and customized dashboards based on city-generated data to help identify areas that would benefit from increased conservation measures. In 2023, surveys were performed at over 125 buildings identifying a potential savings of 87 million gallons a year. In 2024, the Water Efficiency Operations Surveys will continue to be offered to businesses to identify water inefficiencies and provide recommendations for newer technologies or methods to help curb water waste.

In 2023, the District began working with Member Cities and Customers to complete the 5-year updates to its Water Conservation Plan and the Water Resource & Emergency Management Plan. In addition to developing its own plans, NTMWD provides model versions of each plan formatted to assist Member Cities and Customers with updates to their own Water Conservation Plan and Water Resource Emergency Management Plan.. These plans will help provide consistency for conservation efforts and response to water resource emergencies across NTMWD's service area. These plans fulfill NTMWD regulatory requirements to maintain and update conservation and drought management plans and serve as a foundation for water conservation and water resource management for the NTMWD service area.

Planning For The Future

Source Water Protection

Protecting and preserving existing water sources to ensure long-term health and viability is important for all water suppliers and is critical for watersheds where urbanization is taking place, such as the Lavon Lake Watershed. In 2016, the District partnered with Texas A&M Agrilife to develop a Lavon Lake Watershed Protection Plan (Plan) with the aim of protecting and improving the quality of water in Lavon Lake over the long term. Plan development included numerous public meetings to weigh in on specific strategies and establish the stakeholder group to represent diverse interests within the watershed. The stakeholder group was the primary body tasked with reviewing and recommending activities to include in the Plan. Completed and accepted by the EPA in 2017, the Plan is currently being implemented.

In 2021, the District organized a similar stakeholder group in Fannin County to aid in the development of a plan for Bois d'Arc Lake. The District engaged the stakeholders and the Texas Water Resources Institute to develop a Plan that incorporates local initiatives that will protect and improve water quality in the new reservoir. In 2022, the EPA accepted the Plan, which will create opportunities for grant-funded implementation projects in the future. Implementation of the Bois d'Arc Lake Plan began in 2023.

Short and Long-Term Supplies

The District is actively pursuing options for the development of additional supplies to meet short-term and long-term needs. As a part of these efforts, the District has developed partnerships with other water providers in the DFW Metroplex and beyond to help meet the many challenges that lie ahead.

To meet short-term needs, the District was successful in getting a 3-year temporary water right for Lavon Lake water from the TCEQ in May 2021. The District also contracted with the Trinity River Authority to purchase up to 50,060 acre-feet per year of reuse to be withdrawn out of the Trinity River at the Main Stem Pump Station which began in 2019.

To help meet long-term needs, the District constructed Bois d'Arc Lake and water delivery from Bois d'Arc Lake began in 2023.

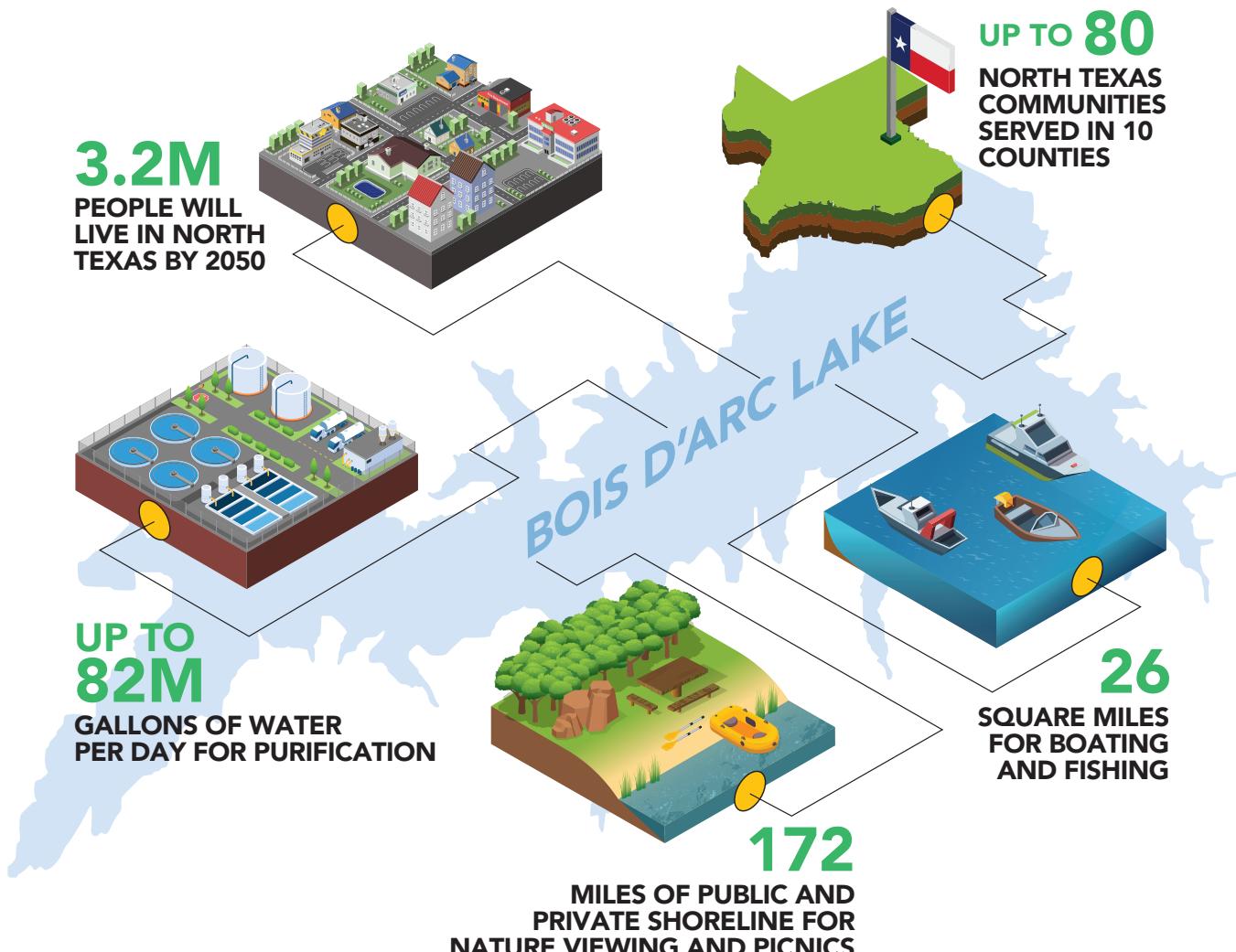
The District also participates in the statewide water planning process through the Region C Water Planning Group. There are a number of recommended and alternate water management strategies for the District included in the 2021 Region C Water Plan that are intended to help meet long-term needs, including:

- Conservation
- Additional Lake Texoma with blending
- Additional measures to access full Lavon Lake yield
- Additional Lavon watershed reuse
- Expanded wetland reuse
- Marvin Nichols Reservoir
- Wright Patman reallocation
- Oklahoma water resources
- Infrastructure to treat and deliver existing water supplies
- Toledo Bend Reservoir
- Lake O' the Pines
- Lake Texoma with desalination rather than blending
- Carrizo Wilcox groundwater
- Aquifer Storage and Recovery
- George Parkhouse Reservoir (North)
- George Parkhouse Reservoir (South)

The District Staff remains confident that sufficient raw water supplies can be developed through the innovative and diligent efforts of the District's Board of Directors and Staff. Through the partnerships now being developed, new supplies can be delivered at the lowest possible cost to the District's Member Cities and Customers.

IN NORTH TEXAS, OUR DREAMS ARE BIG. SO IS BOIS D'ARC LAKE.

Everyone loves North Texas! In fact, it's attracting more new residents and businesses than almost any part of the state. Bois d'Arc Lake —Texas' first major reservoir in nearly 30 years — will help ensure a reliable water supply today and tomorrow, plus offer big recreation benefits, too.



NORTH
TEXAS
MUNICIPAL
WATER
DISTRICT

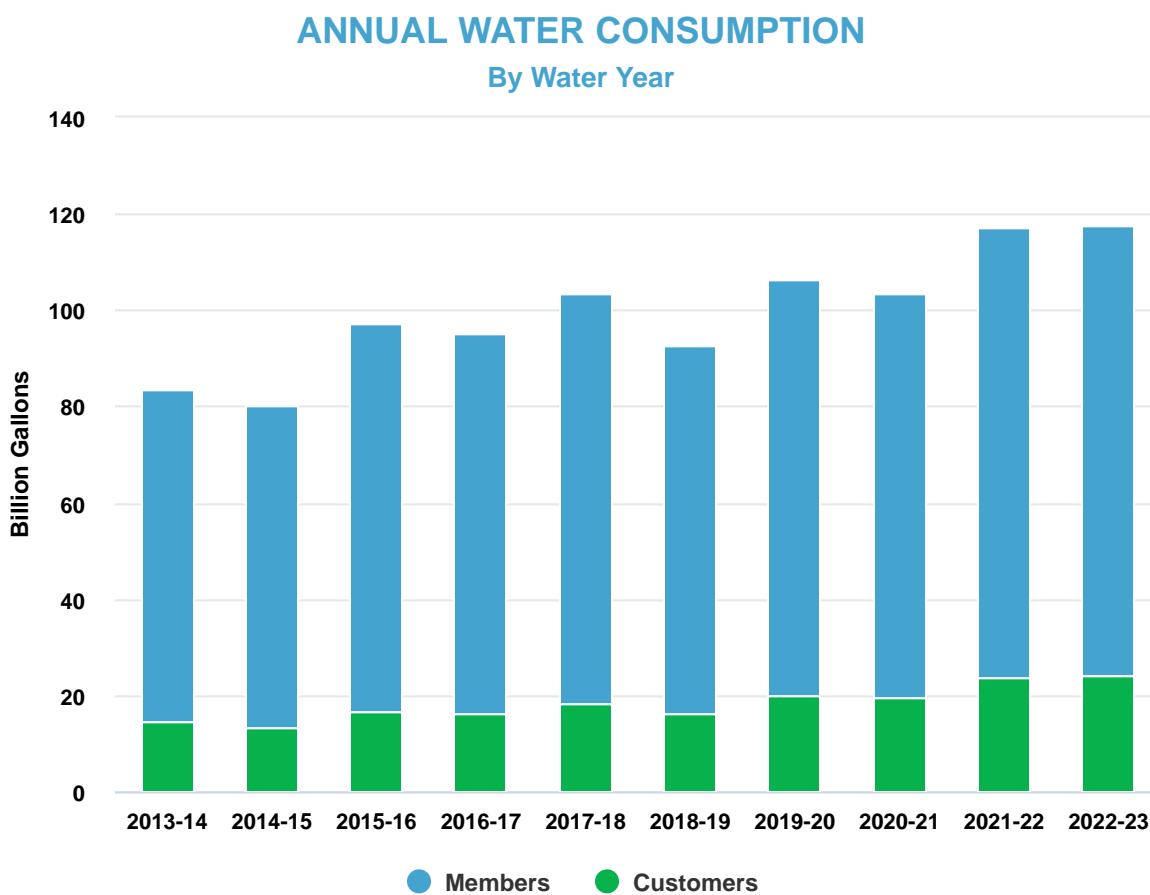


BOIS
D'ARC
LAKE

Bois d'Arc Lake is now a core source of water for North Texas through treatment at the new Leonard Water Treatment Plant which began treating and delivering water from Bois d'Arc Lake in Spring 2023.

Minimum Annual Demand

Water Consumption for the FY23 water year (August 1, 2022 through July 31, 2023) was 117,545,397,000 gallons. This was 231,669,000 gallons or 0.2% more than the prior year's consumption of 117,313,728,000 gallons and 8,918,154,000 gallons or 7.1% less than the budgeted minimum annual demand of 126,463,551,000 gallons for the year. Historical water consumption is presented below:



Prior to 2021, the District used a take or pay contract methodology for all of its Member Cities and Customers. Annual minimums for water were set based on the highest annual usage with no opportunity to reduce the requirement. In 2021, the District and its Member Cities renegotiated the water contract and updated the annual minimum methodology to include the potential for reductions based on the amount of water actually used. Under the new methodology, all Members who use less than their annual minimum are eligible for a reduction, which is applied in phases. The first phase, the Natural Drawdown Method, is to be applied over an 8 year period. The reduction is calculated by totaling up all of the Member Cities and Customers who exceeded their annual minimums and dividing by three. This amount is then applied as a reduction to the Member Cities, who did not exceed their minimums, on a proportional basis. Customers are also switched to this new methodology when they enter into a new contract. Beginning in year 9, the methodology will transition to a rolling average to determine the annual minimums. Total Minimum Annual Demands for FY24 are scheduled at 127,307,589,000 gallons. The following table presents the Minimum Annual Demands for each Member City and for Customers collectively:

FY24
ANNUAL MINIMUMS

Member Cities	(1,000 gallons)
Allen	6,337,339
Farmersville	273,807
Forney	2,866,785
Frisco	14,133,266
Garland	13,055,765
McKinney	12,390,810
Mesquite	7,819,360
Plano	25,457,479
Princeton	1,372,059
Richardson	10,565,349
Rockwall	4,728,973
Royse City	873,326
Wylie	1,930,568
Total Member Cities	101,804,886
Customers	25,502,703
Grand Total	127,307,589

WATER RATE CALCULATION

The water rate is set each year by taking the total expenses and backing out other revenues to determine the annual requirement from water sales revenue. The annual requirement is divided by the annual minimums after taking into account the revenue from the Customer premium to arrive at a Member City Rate. The Customer Rate is set at 5 cents above the Member City Rate. Below is the calculation for the upcoming year:

Regional Water System Rate Calculation

Total Expenses	\$	469,388,075
Total Other Revenues		-2,415,741
Net Expenses	\$	466,972,334
Maintain 90 Day Minimum - Operating Fund		4,035,805
Revenues Needed from Water Sales	\$	471,008,139
Member City Revenue	\$	375,660,029
Customer Revenue including premium		95,348,109
Total Revenues from Water Sales	\$	471,008,139

Annual Minimums (1,000 gallons)

Member Cities	101,804,886
Customers	25,502,703
	127,307,589

Member City Rate	\$	3.69
Customer Rate	\$	3.74

The budget provides funding for the production of treated water based on the Minimum Annual Demands. When a city's actual annual demand exceeds the budgeted Minimum Annual Demand, additional variable costs (power, chemicals and purchased water) are incurred to meet the increased demands placed on the system. In order to recover these costs, the Board of Directors has established Excess Water Rates for water demands in excess of the Minimum Annual Demands. For FY24, it is proposed that the Excess Water Rate be adjusted from \$0.81 to \$0.83 per 1,000 gallons for Member Cities and from \$0.86 to \$0.88 per 1,000 gallons for Customer Cities. In addition, some Customers may pay the full water rate for any excess water in accordance with their contracts.

Water Variable Cost Rebate Policy

The Board of Directors has also established a Water Variable Cost Rebate Policy. In accordance with the policy, each city's actual usage is compared to its Minimum Annual Demand and the Board determines whether to rebate the variable cost (\$0.81 per 1,000 gallons for FY23) to the cities for water that was budgeted to be produced, but was not actually consumed. This policy rewards cities that effectively manage their water usage and encourages conservation. Per the rebate policy the total amount of funds to be considered for rebate shall be calculated as the difference between the budgeted fiscal year variable costs and the unaudited actual variable expenses. If variable expenses are greater than the budgeted fiscal year variable costs/charges then no rebate will be administered. The schedule below provides the budgeted and actual demand and excess charges and eligibility for rebates for Member Cities and Customers for FY23.

2022-23 Water Excess / Rebates

City	Minimum Annual Demand (1,000 Gallons)	2023 Actuals (1,000 Gallons)	2023 Excess	2023 Rebate Eligibility
Allen	6,345,484	6,172,615	\$ -	Eligible
Farmersville	274,168	266,503	-	Eligible
Forney	2,754,485	2,866,785	90,963	Not Eligible
Frisco	14,146,008	13,875,567	-	Eligible
Garland	13,136,918	11,414,433	-	Eligible
McKinney	12,417,706	11,846,835	-	Eligible
Mesquite	7,867,721	6,841,259	-	Eligible
Plano	25,655,890	21,444,585	-	Eligible
Princeton	1,137,352	1,372,059	190,113	Not Eligible
Richardson	10,586,918	10,129,122	-	Eligible
Rockwall	4,739,824	4,509,508	-	Eligible
Rose City	846,122	873,326	22,035	Not Eligible
Wylie	1,850,497	1,930,568	64,858	Not Eligible
Total Members	101,759,093	93,543,165	\$ 367,968	
Customers	24,704,458	24,002,232	2,601,528	
Grand Total	126,463,551	117,545,397	\$ 2,969,497	

Revenues and Expenditures

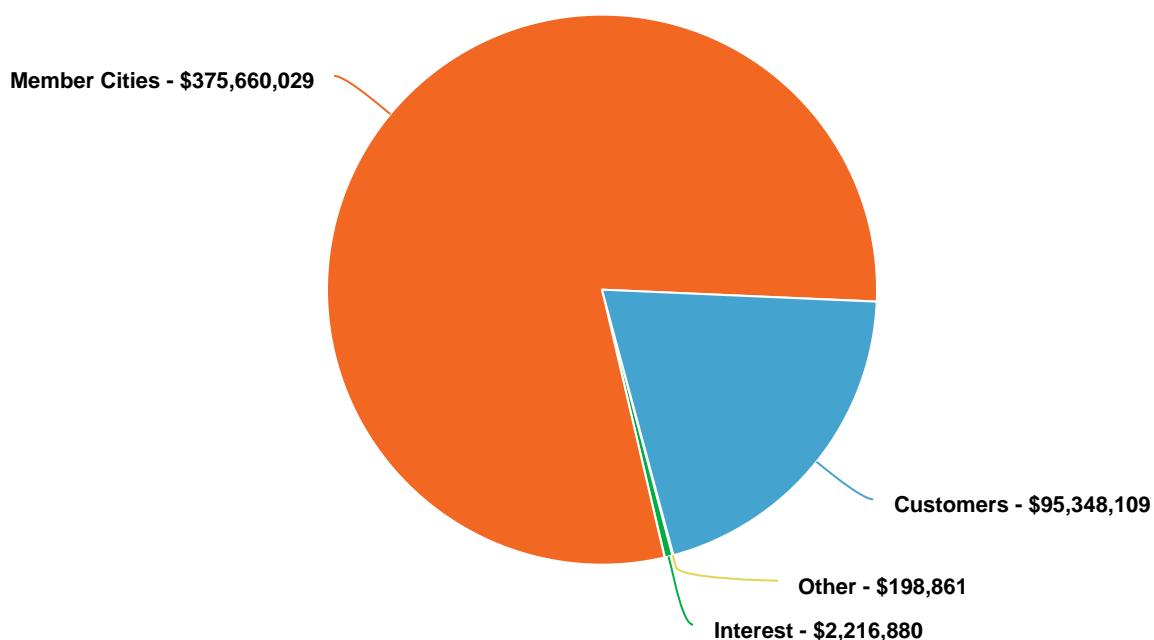
Category	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues	\$ 369,218,497	\$ 430,650,970	\$ 433,009,570	\$ 473,423,880	\$ 42,772,910	9.9%

Expenditures

Personnel	\$ 13,204,603	\$ 17,036,445	\$ 16,428,915	\$ 18,700,640	\$ 1,664,195	9.8%
Supplies	55,218,130	79,093,355	80,499,635	84,722,260	5,628,905	7.1%
Services	86,674,568	104,647,025	102,386,030	107,213,255	2,566,230	2.5%
Capital Outlay	1,060,089	3,014,610	3,156,820	3,299,500	284,890	9.5%
Escrow	1,250,000	4,088,070	11,588,070	2,088,070	(2,000,000)	-48.9%
Debt Service	203,111,066	215,909,345	215,897,645	253,364,350	37,455,005	17.3%
Total	\$ 360,518,456	\$ 423,788,850	\$ 429,957,115	\$ 469,388,075	\$ 45,599,225	10.8%

The FY23 Amended Budget for total estimated revenues is expected to be \$433,009,570 and the Amended Budget for total estimated expenses is expected to be \$429,957,115 which is driven higher by the increased transfers to the Contingency Fund to maintain 150 Days of Operating and Maintenance reserves in accordance with the fund balance policy. For FY24, Member City and Customer water sales revenues are projected to be \$471,008,139, which reflects the increased annual minimum consumption along with the increased rate to cover increased operating costs. Combined with other water sales of \$19,490, interest income of \$2,216,880 and other budgeted revenues of \$179,371, total budgeted revenue for FY24 is \$473,423,880.

RWS ANNUAL BUDGETED REVENUE



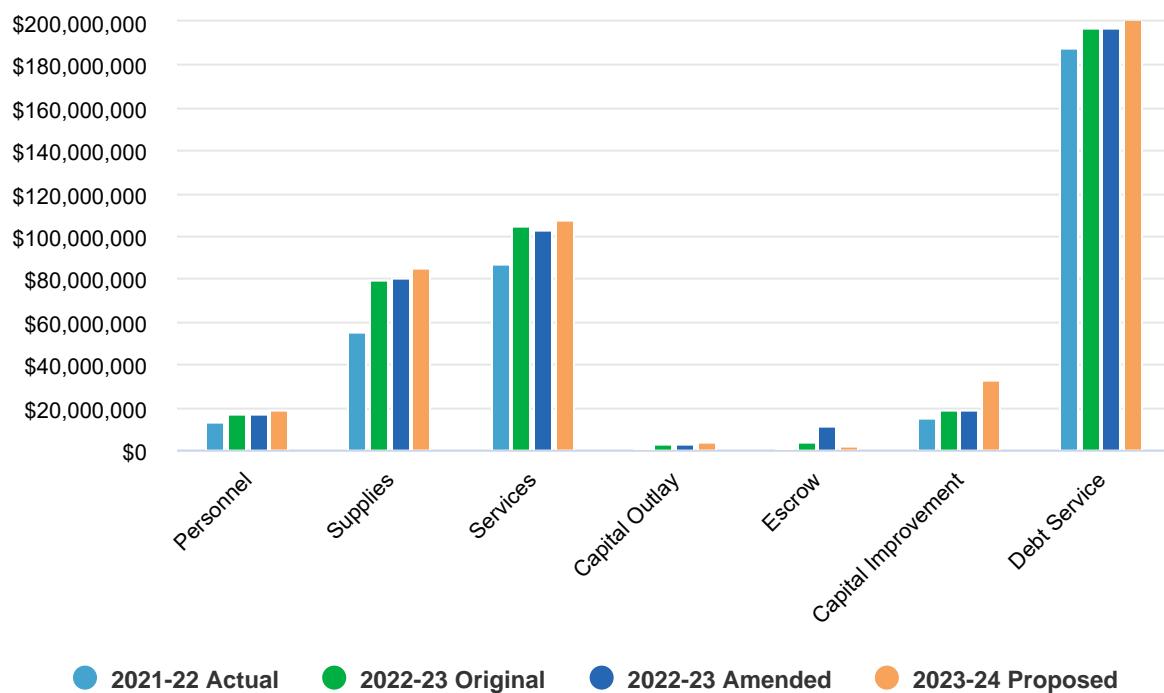
The FY23 Amended Budget for expenditures totals \$429,957,115, which is \$6,168,265 or 1.5% greater than the FY23 Original Budget of \$423,788,850. This increase is due primarily to increases to the Contingency Fund in order to ensure that our reserves are funded in keeping with the Fund Balance Policy. While chemical costs have increased, they were offset by lower wholesale water purchases and lower electric power.

For the FY24 Annual Budget, the total RWS expenditures requested are \$469,388,075, which is \$45,599,225 or 10.8% greater than the FY23 Original Budget.

Major budget variances are explained below:

- Increase in Personnel of \$1,664,195 due to an additional 7.5 headcount. Three of these positions are for Wylie Plant Operations including a project coordinator, data specialist and professional engineer. There is also a training and development position shared between Wylie Plant Operations and Wastewater. Leonard WTP is adding an information systems assistant while Water Transmission Systems is adding two operator positions and a supervisor. These positions are driven by new programs, growth and to cure existing deficiencies.
- Increase of \$5,628,905 in Supplies driven by chemicals due to added volume. Price increases appear to have normalized over the past year.
- Increase of \$2,566,230 for Services as a result of Pipeline Maintenance necessitated by the implementation of the LAMP initiative. Lake Maintenance at Lavon Lake is higher due to increases in the agreement with the US Army Corps of Engineers (USACE). These rising costs are partially offset by the reduction in Electric Power based on usage.
- Increase of \$284,890 in Capital Outlay to replace WTP II Basin Towers and WTP IV sodium chlorite storage upgrades. The budget also funds equipment for pipeline closures and installing a tapping sleeve at the Texoma Pump Station.
- Higher Debt Service expenses and Capital Improvement Fund transfers increase capital costs by \$37,455,005. These increases relate to issuing debt for Phase II of the Bois d'Arc Lake and the Leonard Treatment Plant through TWDB's SWIFT program, plus some additional cash funding for capital projects in accordance with policy.

REGIONAL WATER SYSTEM EXPENDITURES



**Regional Water System
Operating Fund**

Regional Water System	FY23	FY23	FY24
	Budget	Amended	Proposed
Fund Balance:			
Beginning Balance	\$ 40,776,866	\$ 50,226,041	\$ 53,278,496
Excess Funds to Member Cities	-	-	-
Balance after required transfers	40,776,866	50,226,041	53,278,496
Revenues	430,650,970	433,009,570	473,423,880
Expenditures	423,788,850	429,957,115	469,388,075
Increase / (Decrease)	6,862,120	3,052,455	4,035,805
Ending Balance	\$ 47,638,986	\$ 53,278,496	\$ 57,314,301
Target Balance 90 Days	51,937,682	55,350,029	
Excess Funds	\$ 1,340,814	\$ 1,964,272	
Divided by Next Years Daily Operating Expense	\$ 577,085	\$ 577,085	\$ 615,000
Days of Operating Expense	83	87	93

Daily Operating & Maintenance Expense Calculation:

Total Expenditures	\$ 423,788,850	\$ 429,957,115	\$ 469,388,075
Less:			
Debt Service	196,809,345	196,797,645	220,364,350
Transfer to Capital Improvement Fund	19,100,000	19,100,000	33,000,000
Transfer to Contingency / Escrows	4,088,070	11,588,070	2,088,070
Capital Outlay	3,014,610	3,156,820	3,299,500
Total Operating & Maintenance Expense	200,776,825	199,314,580	210,636,155
Divided by Days	365	365	365
 Daily Operating Expense	 \$ 550,073	 \$ 546,067	 \$ 577,085
 Projected FY25 Daily Operating Expense from Strategic Financial Plan			\$ 615,000

Regional Water System Contingency Fund

	2022-23 Original	2022-23 Amended	2023-24 Proposed
Fund Balance:			
Beginning Balance	\$ 20,000,000	\$ 21,321,905	\$ 32,680,960
Budgeted Transfer from Operating	4,000,000	11,500,000	2,000,000
Transfer to Operating - Prior Year PO Carryover	-	(140,945)	-
Ending Balance	\$ 24,000,000	\$ 32,680,960	\$ 34,680,960

Historical Balances:

Fiscal Year	Ending Balance
2018	\$ 19,099,864
2019	\$ 19,423,373
2020	\$ 23,902,427
2021	\$ 18,213,717
2022	\$ 21,321,905

The Contingency Fund has been established pursuant to Bond Resolutions to fund unexpected or extraordinary system expenses.

Regional Water System Operating Reserves

	2022-23 Original	2022-23 Amended	2023-24 Proposed
Fund Balance:			
Operating Fund	\$ 47,638,986	\$ 53,278,596	\$ 57,314,301
Contingency Fund	24,000,000	32,680,960	34,680,960
Total Operating Reserves	<u>\$ 71,638,986</u>	<u>\$ 85,959,556</u>	<u>\$ 91,995,261</u>
Next Year's Daily Operating Expense	\$ 577,085	\$ 577,085	\$ 615,000
Days of Operating Reserves	124	149	150

Beginning with FY23, District policy sets a minimum range of 130-150 days of operating reserves with a target of 150 days for the combined balances in the Operating Fund and Contingency Fund.

**Regional Water System
Capital Improvement Fund**

**Projected
Balance:**

5/31/23	Fund Balance	\$ 113,471,166
	Remaining Payments to be made on Authorized Projects	(72,613,130)
	Balance Available for Future Projects	40,858,036
	Remaining Budgeted Transfers from Operating Fund	6,366,668
	Payment from Collin County	
	Park Road Expansion - Project 573, AM #5625	10,000
	CAI # 21.07.03	45,000
	Projects to be Considered for Award	(27,883,657)
9/30/23	Balance Available for Future Projects	19,396,047
	FY24 Transfers from Operating Fund	33,000,000
	FY24 Expected Projects	(37,000,000)
9/30/24	Balance Available for Future Projects	<u><u>\$ 15,396,047</u></u>

Historical Balances:

Fiscal Year	Balance	Unencumbered Balance	Targeted Unencumbered Balance
2018	\$ 159,460,250	\$ 50,076,168	\$ 14,687,728
2019	\$ 163,033,605	\$ 56,331,990	\$ 15,109,170
2020	\$ 158,489,565	\$ 35,982,230	\$ 13,903,003
2021	\$ 140,633,791	\$ 22,698,848	\$ 15,066,183
2022	\$ 117,208,364	\$ 20,668,201	\$ 15,000,000

John Bunker Sands Wetland Center



Regional Water System Facilities

5330 – Wylie Treatment Plant Complex

The Wylie Treatment Plant Complex consists of the four water treatment plants and the raw water pumping facilities located in Wylie. The WTPs currently have a maximum capacity of 840 MGD. The Wylie complex also operates one of the largest ozonation treatment facilities in the world and is currently undergoing conversion to biologically active filtration, which is estimated to be completed by 2026. Raw water from Lavon Lake, Lake Texoma, Chapman Reservoir, the Tawakoni Raw Water Supply Project and the East Fork Raw Water Supply Project is treated at the Wylie WTP. Safe, dependable, potable drinking water meeting all federal and state standards is treated in Wylie and then transported to Member Cities and Customers.

5331 – Texoma Pump Station

The Texoma Pump Station consists of a pump station at Lake Texoma and a 25 mile, 72-inch pipeline from Lake Texoma connecting to a balancing reservoir near Howe, TX. From the balancing reservoir, a 46-mile 96/84-inch pipeline conveys the water by gravity to blending facilities at the Wylie WTP where the Texoma water is mixed with Lavon Lake water. Transport of the water directly to the Wylie WTP is a federal and state requirement due to the presence of zebra mussels in Lake Texoma. The 96/84-inch pipeline can convey approximately 125 MGD to the Wylie WTP with average conveyance expected to be about 75 MGD.

5332 – Chapman Pump Station

The Chapman Pump Station has a maximum capacity of 55 MGD. Raw water is transferred from Chapman Reservoir to Lavon Lake through a 39-mile, 84-inch diameter pipeline. Raw water from Chapman Reservoir is treated at the Wylie WTP.

5333 – Tawakoni Pump Station and Water Treatment Plant

The Tawakoni Pump Station and Water Treatment Plant provides for the operation and maintenance of the Tawakoni Raw Water Supply Project pump stations, pipeline facilities and the WTP. The facilities consist of a lake pump station, an intermediate pump station, 12 miles of 60-inch diameter pipeline, 18 miles of 54-inch diameter pipeline and a 30 MGD WTP. The pump station and raw water pipeline system has a maximum capacity of 75 MGD.

Raw water is diverted from Lake Tawakoni via an existing intake structure acquired from the City of Terrell and treated at the Tawakoni WTP. Raw water can also be delivered through the lake pump station into a 60-inch pipeline that terminates at an above grade ground storage reservoir at the intermediate pump station site. The intermediate pump station re-pumps water from the ground storage reservoir through a 54-inch pipeline to the 84-inch East Fork Raw Water Supply Project Pipeline. Lake Tawakoni water is blended with water from the East Fork Water Supply Project in the 84-inch East Fork Water Supply Project Pipeline and transported to Lavon Lake. Blended raw water from Lake Tawakoni and the East Fork Raw Water Supply Project is discharged into the Pilot Grove arm of Lavon Lake. The water is treated at the Wylie WTP.

5334 – East Fork Raw Water Supply (The Wetlands)

The East Fork Raw Water Supply facilities consist of constructed wetlands, a conveyance pump station and 44 miles of 84-inch diameter pipeline. Water is diverted out of the East Fork of the Trinity River via the Main Stem Pump Station into a 2,000 acre wetlands. Diverted river water flows through the various wetland cells and is collected in a pool at the south end of the project. Water collected in the pool is pumped via the conveyance pump station through the 84-inch pipeline to the Pilot Grove arm of Lavon Lake. Raw water from the East Fork Water Supply Project is blended with water in Lavon Lake and treated at the Wylie WTP.

5335 – Bonham Water Treatment Plant

The Bonham Water Treatment Plant provides for the operation and maintenance of the Bonham Water Treatment Plant, raw water pumping facilities and raw water pipeline. The water treatment plant has a maximum capacity of 6.6 MGD. Raw water is transferred from Lake Bonham through an intake structure to the raw water pump station then to the WTP via a raw water pipeline. Potable water meeting all state and federal standards is produced at the Bonham WTP.

5336 – Bois d'Arc Lake

The Bois d'Arc Lake provides for the operation and maintenance of the Bois d'Arc Lake 90-foot dam, spillway, discharge channel, pump station and other District-owned lake facilities. The impounding of water began in early 2021 and water delivery began in 2023 with a firm yield of 82 MGD.

5337 – Leonard Water Treatment Plant

The Leonard Water Treatment Plant provides for the operation and maintenance of the Leonard Water Treatment Plant, raw water pumping facilities, 35-mile raw water pipeline and storage reservoir that was opened in 2023. The Leonard WTP will have an initial capacity of 70 MGD.

5338 – Transmission System

The Transmission System provides for the operation and maintenance of treated water transmission pipelines and associated valves, pump stations, delivery points, ground storage tanks, easements and related infrastructure.

5339 – Main Stem Pump Station

The Main Stem Pump Station (MSPS) diverts water from the Trinity River, through 16 miles of 72-inch diameter pipeline, and conveys it to the East Fork Raw Water Supply where it flows through an 1,840-acre wetland before it is conveyed to Lavon Lake.

Wylie Treatment Plant Complex

Overview

The Wylie Treatment Plant Complex consists of four water treatment plants in Wylie, TX (total nominal treatment capacity of 840 MGD) and the operation of the NTMWD Transmission System to meet and/or exceed water quality regulatory standards. The Wylie Complex treats raw water from Lavon Lake, Lake Texoma, Chapman Reservoir, Lake Tawakoni and the East Fork Water Reuse Project. In addition, the department is responsible for sustaining these assets through maintenance and asset management programs to ensure reliable and continuous service to our customers in order to meet system demands for approximately 2 million people.

Plant Operations is tasked with managing the District's raw water conveyance and water rights accounting activities as well as customer treated water consumption reporting. The department is also responsible for managing the NTMWD Watershed Protection Program. The goal of the Watershed Protection Program is to protect and improve the quality of NTMWD water resources by working closely with stakeholders to identify and implement watershed best management strategies. The Water Conservation Program strives to make efficient use of existing water resources through the implementation of technologies and programs that reduce per capita water consumption.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Continuously optimize the water treatment process to meet water quality goals as source water conditions change.
- Adopt and implement a Preventive Maintenance plan that increases the reliability, efficiency and awareness of our critical assets.
- Develop and implement maintenance strategies that improve asset life cycle cost and increase asset availability.
- Implement an enhanced multi-year Operations and Maintenance Plan.
- Exceed minimum regulatory requirements for quality of water treated and delivered to Member Cities and Customers.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Manage the conveyance and transmission systems efficiently to minimize cost as operational conditions allow.
- Evaluate watershed Best Management Practices (BMP) that may provide cost avoidance by delaying water quality degradation and subsequent water treatment enhancements.
- Utilize current in-house technologies to develop analytical tools to improve our operations of the transmission system.
- Implement water conservation strategies to result in the most efficient use of existing water supplies.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Operate the treatment plants and transmission system to provide our consumers with water quality that meets and/or exceeds regulatory requirements.
- Coordinate with Member Cities, Customers and partner agencies to meet all system demands throughout the year.
- Cultivate partnerships to develop watershed protection plans and implement BMPs.
- Promote and provide presentations and tours of the East Fork Water Reuse Project and the John Bunker Sands Wetland Center, the Wylie Water Treatment Plant and the Environmental Service Building.

People: Build a talented, competent and committed team

- Continue staff development through internal and external training programs that enhance the knowledge and skill sets of employees.

Major Budget Drivers

- Chemicals
- Personnel
- Electric Power
- Maintenance
- Water Quality
- Regulatory Compliance

Position Summary

Wylie Treatment Plant Complex			
Full-Time Positions	FY23	FY24	Difference
Administrative Technician	1.0	1.0	-
Asset Risk Manager	1.0	1.0	-
Assistant Deputy (Water Resources)	1.0	1.0	-
Assistant Deputy (Water Treatment & Conveyance)	1.0	1.0	-
Assistant Water System Manager - Treatment	2.0	2.0	-
Chemical System Maintenance Supervisor	1.0	1.0	-
Information Systems Assistant	2.0	2.0	-
Lead Control Room Operator	4.0	4.0	-
Lead Water Plant Operator	4.0	4.0	-
Maintenance Worker	1.0	1.0	-
Operations Data Specialist I - 2nd Qtr	-	1.0	1.0
Operations Technical Support Manager	0.5	0.5	-
Operations Training & Development Manager	0.5	0.5	-
Operations Training & Development Specialist *	0.5	1.0	0.5
Professional Engineer	1.0	1.0	-
Professional Engineer - Special Projects & Water - 2nd Qtr	1.0	2.0	1.0
Water Operations Assistant	1.0	1.0	-
Water Operations Projects Coordinator	-	1.0	1.0
Water Operations Shift Supervisor	4.0	4.0	-
Water Plant Mechanic	3.0	3.0	-
Water Plant Operator II	26.0	26.0	-
Water Plant Operator III	19.0	19.0	-
Water Plant Supervisor IV	1.0	1.0	-
Water Quality Technician	1.0	1.0	-
Water Resource Operations Manager	1.0	1.0	-
Water Treatment System Manager *	1.0	1.0	-
Water Conveyance System Manager *	1.0	1.0	-
Water Treatment Residuals Coordinator	1.0	1.0	-
Watershed Manager	1.0	1.0	-
Total Full-Time Positions	81.5	85.0	3.5

* Title change in FY24

Expense Detail

Wylie Treatment Plant Complex	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 4,701,709	\$ 6,157,015	\$ 5,523,645	\$ 6,572,000	\$ 414,985	6.7%
511060 - Overtime	649,189	575,000	575,000	732,000	157,000	27.3%
512000 - Social Security	391,157	462,480	439,675	496,170	33,690	7.3%
513000 - Workers' Comp Ins	107,195	126,685	101,635	74,340	(52,345)	-41.3%
513010 - Unemployment Ins	10,954	-	-	-	-	0.0%
513020 - Hospitalization Ins	1,029,623	1,243,090	1,243,090	1,396,105	153,015	12.3%
513040 - Dental Ins	47,905	56,780	51,560	56,845	65	0.1%
513060 - Life Ins	11,463	14,920	12,500	14,025	(895)	-6.0%
513070 - LT Disability Ins	-	-	16,920	25,210	25,210	0.0%
514000 - Retirement	734,255	848,320	1,083,260	1,107,370	259,050	30.5%
514010 - Retiree - Insurance	235,780	277,315	347,115	343,675	66,360	23.9%
514020 - Comp Absences-vac.	71,645	64,470	64,470	49,525	(14,945)	-23.2%
514030 - Comp Absences-sick	-	47,495	47,495	19,260	(28,235)	-59.4%
515000 - Cell Phone Stipend	27,260	34,560	31,865	35,040	480	1.4%
Personnel Total	\$ 8,018,134	\$ 9,908,130	\$ 9,538,230	\$ 10,921,565	\$ 1,013,435	10.2%
Supplies						
520100 - Office Supplies	\$ 9,462	\$ 12,715	\$ 12,715	\$ 12,715	\$ -	0.0%
520110 - Computer Supplies	59,436	48,815	48,815	58,815	10,000	20.5%
520200 - Xerox Supplies	5,373	6,000	6,000	6,000	-	0.0%
520300 - Clothing Supplies	30,546	39,800	33,800	32,800	(7,000)	-17.6%
520600 - Fuel, Oil and Lube	45,615	23,895	29,895	45,000	21,105	88.3%
520630 - Toll Fees	497	-	-	-	-	0.0%
520700 - Machine Oil & Lube	43,309	30,000	30,000	46,000	16,000	53.3%
520800 - Small Tools & Equip	32,912	29,500	29,500	30,805	1,305	4.4%
520900 - Janitorial Supplies	42	-	-	-	-	0.0%
521000 - Laboratory Supplies	139,090	104,250	104,250	139,500	35,250	33.8%
521110 - Safety Supplies	101,722	131,830	131,830	125,760	(6,070)	-4.6%
521200 - Chem - Other	170,476	87,025	45,580	23,000	(64,025)	-73.6%
521201 - Chem - Lime	236,966	777,800	-	95,140	(682,660)	-87.8%
521202 - Chem - Ferric Sulfate	23,828,764	27,983,640	27,665,270	25,814,420	(2,169,220)	-7.8%
521203 - Chem - Chlorine	4,118,002	5,329,930	6,995,740	6,510,520	1,180,590	22.2%
521204 - Chem - Ammonia	640,629	975,780	1,247,020	1,741,630	765,850	78.5%
521205 - Chem - Fluoride	230,524	575,200	660,450	614,630	39,430	6.9%
521209 - Chem - Polymers	610,861	879,510	1,423,620	1,324,870	445,360	50.6%
521214 - Chem - Caustic	14,500,935	15,830,440	21,721,020	20,214,460	4,384,020	27.7%
521216 - Chem - Sodium Chlorite	3,195,340	2,580,790	3,210,930	2,774,170	193,380	7.5%
521218 - Chem - Liquid Oxygen	1,786,193	2,891,200	2,136,770	1,988,560	(902,640)	-31.2%
521300 - Botanical Supplies	227	-	-	-	-	0.0%
521400 - Electrical Supplies	845,565	813,900	663,900	846,500	32,600	4.0%
521500 - Mechanical Supplies	722,904	815,000	815,000	877,630	62,630	7.7%
521600 - Pipeline Supplies	222	-	-	-	-	0.0%
521700 - Building Supplies	69,675	89,000	89,000	89,000	-	0.0%
521900 - Vehicle Supplies	3,160	8,000	8,000	8,000	-	0.0%
521910 - Tires and Tubes	2,388	3,000	3,000	3,000	-	0.0%

Expense Detail (continued)

Wylie Treatment Plant Complex	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
522000 - Equipment Supplies	\$ 365,113	\$ 391,540	\$ 459,465	\$ 879,865	\$ 488,325	124.7%
522200 - Road Maintenance Supp	84,763	99,750	99,750	99,750	-	0.0%
523000 - Other Supplies	301	100,000	100,000	400,000	300,000	300.0%
Supplies Total	\$ 51,881,011	\$ 60,658,310	\$ 67,771,320	\$ 64,802,540	\$ 4,144,230	6.8%
Services						
530300 - Automotive Insurance	\$ 13,136	\$ 15,390	\$ 15,390	\$ 11,880	\$ (3,510)	-22.8%
530400 - Fire & Exten Cov Ins	1,000,355	1,387,150	1,218,135	1,842,705	455,555	32.8%
530900 - General Liability Ins	(44,735)	117,555	117,555	89,435	(28,120)	-23.9%
531000 - Telephone	3,248	4,200	4,200	4,200	-	0.0%
531020 - Internet Service	32,409	19,680	19,680	32,800	13,120	66.7%
531100 - Electric Power	5,721,503	5,750,000	6,433,995	6,483,340	733,340	12.8%
531200 - Bank Service Fees	2,157	2,000	2,000	2,000	-	0.0%
531300 - Engin/Consultant Svc	1,267,341	850,000	850,000	975,000	125,000	14.7%
531310 - Special Studies & Rpts	-	200,000	200,000	275,000	75,000	37.5%
531320 - Water Conservation Prog	1,875,377	-	-	-	-	0.0%
531400 - Legal Service	178,689	200,000	150,000	200,000	-	0.0%
531490 - Raw Water Development	-	475,000	475,000	475,000	-	0.0%
531500 - Planning & Development	383	18,000	18,000	18,000	-	0.0%
531600 - Printing & Binding	72	3,600	3,600	3,600	-	0.0%
531700 - Advertising	16,509	9,700	9,700	9,700	-	0.0%
531800 - Rent or Lease Payment	91,469	114,400	114,400	100,830	(13,570)	-11.9%
531810 - Demurrage	285,506	140,000	140,000	300,000	160,000	114.3%
531900 - Travel and Training	72,794	77,520	77,520	110,900	33,380	43.1%
532000 - Mem & Subscriptions	102,805	174,070	174,070	178,330	4,260	2.4%
532100 - Vehicle Maint	2,995	4,115	4,115	4,115	-	0.0%
532110 - Veh Maint by RSWS	3,659	7,000	7,000	7,000	-	0.0%
532200 - Equipment Maintenance	1,228,022	1,460,350	1,460,350	1,603,190	142,840	9.8%
532210 - Special Maintenance	7,378,498	10,072,000	10,832,000	9,627,000	(445,000)	-4.4%
532220 - Pipeline Maintenance	13,584	-	-	-	-	0.0%
532230 - Facilities Maintenance	314,355	1,005,500	855,500	705,500	(300,000)	-29.8%
532300 - Postage	-	300	300	300	-	0.0%
532600 - Lake Maintenance	890,207	1,114,400	1,114,400	2,205,600	1,091,200	97.9%
532800 - Grounds Maintenance	17,601	-	-	-	-	0.0%
532850 - Building Maintenance	56,376	46,500	46,500	46,500	-	0.0%
532900 - Electrical Sys Maint	540,614	550,670	550,670	550,670	-	0.0%
533000 - Other Services	107,064	24,800	24,800	24,800	-	0.0%
533030 - Contractual Safety Serv	31,143	207,200	207,200	177,630	(29,570)	-14.3%
533500 - Lab Svc - Contract	94,218	153,650	153,650	168,650	15,000	9.8%
533900 - Permits, Ins, & Lic Fees	10,480	40,000	40,000	40,000	-	0.0%
534000 - Uninsured losses	9,500	1,000	1,000	1,000	-	0.0%
534200 - Plant Security Services	449,210	475,000	475,000	500,000	25,000	5.3%
Shared Services	25,383,158	25,839,635	28,241,575	24,506,930	(1,332,705)	-5.2%
Services Total	\$47,149,700	\$ 50,560,385	\$ 54,037,305	\$ 51,281,605	\$ 721,220	1.4%

Expense Detail (continued)

Wylie Treatment Plant Complex	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Capital Outlay						
540300 - Vehicle Equipment	\$ 59,690	\$ -	\$ 59,690	\$ -	\$ -	0.0%
540400 - Office Equipment	106,206	-	-	-	-	0.0%
540500 - Machinery	188,442	1,280,000	1,280,000	1,176,000	(104,000)	-8.1%
540700 - Non-Vehicle Equipment	38,131	-	-	-	-	0.0%
542000 - Other Capital Outlay	-	550,000	572,075	1,200,000	650,000	118.2%
Capital Outlay Total	\$ 392,469	\$ 1,830,000	\$ 1,911,765	\$ 2,376,000	\$ 546,000	29.8%
Grand Total	\$107,441,314	\$122,956,825	\$133,258,620	\$129,381,710	\$ 6,424,885	5.2%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$6,424,885 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to the addition of 3 new positions, higher Wages, Overtime and Insurance costs
- Equipment Supplies increased due to need for additional ozone analyzers, floc drive sprockets and floc paddle stuffing boxes, replacement bulk ferric tank, along with increase in costs to chlorine analyzer parts
- Other Supplies increased due to cost and volume increases of anthracite in order to bring filters to standard levels
- Lake Maintenance went up as a result of USACE agreement increases
- Other Capital Outlay is up due to WTP II Basin towers replacement and WTP IV sodium chlorite storage upgrades

Texoma Pump Station

Overview

The Texoma Pump Station system serves to transfer raw water from Lake Texoma to the Wylie WTP. The Transmission System Department manages this system, which consists of a pump station at Lake Texoma and approximately 25 miles of 72-inch pipeline from Lake Texoma connecting to a balancing reservoir near Howe, Texas. From the balancing reservoir, an approximately 46-mile 96/84-inch pipeline conveys the water by gravity to blending facilities at the Wylie WTP, where the Texoma water is mixed with raw water from Lavon Lake. Transport of the water directly to the Wylie WTP is a federal and state requirement due to the presence of zebra mussels in Lake Texoma. The 84-inch pipeline can convey approximately 125 MGD to the Wylie WTP with average conveyance expected to be about 75 MGD. The use of the pipeline to Wylie began in May 2014. The District shares operations and maintenance costs with the Greater Texoma Utility Authority (GTUA) on an 80% to 20% basis for the pump station and pipeline from the pump station to the City of Sherman WTP.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Preserve assets by performing targeted assessments using state of the industry technologies, then establish short-term and long-term, proactive measures to address results.
- Continue the maintenance and replacement of combination air release valves (CAVs) on an annual, programmed basis.
- Monitor and mitigate the silting of the intake channel and the lake in general.
- Implement system risk reduction strategies where appropriate and cost effective.
- Understand the effects of seasonal variations in Lake Texoma raw water and on the water that passes through the balancing reservoir.
- Improve predictive/preventative maintenance techniques.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Effectively manage corrosion within the system.
- Enhance and improve asset management initiatives to preserve and make informed decisions on repairing, replacing and maintaining equipment and facilities.
- Safeguard our natural resources through understanding of regulations and potential hazards, especially as they relate to zebra mussel and reservoir (dam) management.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Partner with Member Cities and Customers, especially with GTUA and primary/essential customers.
- Continue to develop an understanding of water quality needs for primary customers.
- Engage with operational staff of the City of Sherman to increase awareness and understanding of one another's systems.
- Develop relationships with other governmental and private entities where interests and needs overlap, especially the Grayson County Emergency Management staff and officials, as well as other entities involved with Lake Texoma.

People: Build a talented, competent and committed team

- Participate actively and enthusiastically in understanding the unique requirement of this raw water system.

Major Budget Drivers

- Electric Power
- Infrastructure assessment, maintenance, improvements and repairs

Expense Detail

Texoma Pump Station	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies						
520700 - Machine Oil & Lube	\$ 4,125	\$ 11,100	\$ 11,100	\$ 11,100	\$ -	0.0%
521110 - Safety Supplies	-	500	500	-	(500)	-100.0%
521400 - Electrical Supplies	1,247	6,000	6,000	6,000	-	0.0%
521500 - Mechanical Supplies	604	2,000	2,000	2,000	-	0.0%
521600 - Pipeline Supplies	70,433	135,200	140,405	74,990	(60,210)	-44.5%
521700 - Building Supplies	10,850	23,000	23,000	13,000	(10,000)	-43.5%
Supplies Total	\$ 87,260	\$ 177,800	\$ 183,005	\$ 107,090	\$ (70,710)	-39.8%
Services						
531000 - Telephone	\$ 2,907	\$ 3,600	\$ 3,600	\$ 3,600	\$ -	0.0%
531100 - Electric Power	958,170	1,500,000	1,101,730	1,104,165	(395,835)	-26.4%
531103 - Recov-GTUA Power	(143,010)	(180,000)	(180,000)	(180,000)	-	0.0%
532200 - Equipment Maintenance	3,455	-	-	7,675	7,675	0.0%
532210 - Special Maintenance	-	2,625	2,625	4,055	1,430	54.5%
532220 - Pipeline Maintenance	322,857	15,000	15,000	15,000	-	0.0%
532230 - Facilities Maintenance	-	815	815	-	(815)	-100.0%
532800 - Grounds Maintenance	-	30,500	30,500	30,500	-	0.0%
532900 - Electrical Sys Maint	-	9,000	9,000	31,500	22,500	250.0%
533000 - Other Services	123,139	-	-	-	-	0.0%
533030 - Contractual Safety Serv	665	3,820	3,820	1,000	(2,820)	-73.8%
534000 - Uninsured losses	100,077	-	-	-	-	0.0%
Shared Services	631,790	473,365	513,250	612,550	139,185	29.4%
Services Total	\$ 2,000,050	\$ 1,858,725	\$ 1,500,340	\$ 1,630,045	\$ (228,680)	-12.3%
Capital Outlay						
540800 - Pipeline Equipment	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000	0.0%
Capital Outlay Total	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000	0.0%
Grand Total	\$ 2,087,310	\$ 2,036,525	\$ 1,683,345	\$ 1,937,135	\$ (99,390)	-4.9%

Major FY24 Budget Items

The department's FY24 Proposed Budget has decreased by \$99,390 from the FY23 Original Budget. Major variances are explained below:

- Electric System Maintenance increased as a result of need for Static Var Compensator/Switching Capacitor for switchgear and soft state maintenance
- Pipeline Equipment increased due to increase need for pipeline closure section and tapping sleeve
- Electric Power decreased due to lower demand
- Shared Services allocation increased due to higher allocated costs from the Shared Services Fund

Chapman Pump Station

Overview

The Chapman Pump Station system serves to transfer raw water from Lake Chapman (originally named Cooper Lake) to Lavon Lake. The Transmission Department manages this system, which consists of a pump station at Lake Chapman with the maximum capacity of 55 MGD. Raw water is transferred from Chapman Reservoir to Lavon Lake through a 39-mile, 84-inch diameter pipeline. The pump station and pipeline have been in operation since the mid-90's and the District shares operations and maintenance (O&M) costs with the City of Irving on a 50% to 50% basis for the pump station and pipeline, which for the District discharges into Lavon Lake at Hickory Creek in the northeast reaches of Lavon Lake. Water Rights and O&M cost responsibilities at Lake Chapman are also shared with the Upper Trinity Water Region Water District (UTRWD) and the Sulfur River Municipal Water District.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Preserve assets by performing targeted assessments using state-of-the-industry technologies, then establish short and long-term, proactive measures to address results.
- Continue the maintenance and replacement of combination air release valves (CAVs) on an annual, programmed basis.
- Address easement maintenance and access on an annual basis.
- Provide redundancy where appropriate and cost effective.
- Improve predictive/preventative maintenance techniques.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Effectively manage corrosion within the system.
- Monitor and mitigate the silting of the intake channel and the lake in general.
- Develop and improve additional asset management initiatives to preserve and make informed decisions on repairing, replacing and maintaining.
- Safeguard our natural resources through understanding of potential hazards, especially as they relate to zebra mussels and their impact on reservoir (dam) management.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Collaborate with system partners through quarterly O&M committee meetings.
- Engage with operational staff of the City of Irving and UTRWD to increase awareness and understanding of one another's systems.
- Develop relationships with other governmental and private entities where interests and needs overlap, including property owners along the pipeline route.

People: Build a talented, competent and committed team

- Participate actively and enthusiastically in the understanding of the unique requirements of this raw water system.

Major Budget Drivers

- Electric Power
- Infrastructure maintenance, improvements and repairs
- Replacement Pipeline Segments and Materials

Expense Detail

Chapman Pump Station	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies						
520700 - Machine Oil & Lube	\$ 12,390	\$ 9,200	\$ 9,200	\$ 9,200	\$ -	0.0%
521110 - Safety Supplies	-	500	500	500	-	0.0%
521400 - Electrical Supplies	4,895	54,500	54,500	9,500	(45,000)	-82.6%
521500 - Mechanical Supplies	5,848	5,000	5,000	5,000	-	0.0%
521600 - Pipeline Supplies	65,779	63,740	74,140	68,160	4,420	6.9%
521700 - Building Supplies	2,478	2,000	2,000	2,000	-	0.0%
522000 - Equipment Supplies	-	5,000	5,000	5,000	-	0.0%
522200 - Road Maint Supplies	-	10,000	10,000	15,000	5,000	50.0%
525000 - Recovery - Supplies	(46,539)	(74,970)	(80,170)	(57,180)	17,790	-23.7%
Supplies Total	\$ 44,850	\$ 74,970	\$ 80,170	\$ 57,180	\$ (17,790)	-23.7%
Services						
531000 - Telephone	\$ 948	\$ 1,445	\$ 1,445	\$ 1,440	\$ (5)	-0.3%
531100 - Electric Power	2,218,334	2,500,000	2,295,185	2,300,000	(200,000)	-8.0%
531101 - Recov-Sulp Springs Pwr	(67,993)	(100,000)	(100,000)	(100,000)	-	0.0%
531102 - Recov-Irving Power	(1,146,268)	(1,400,000)	(1,400,000)	(1,400,000)	-	0.0%
531300 - Engin/Consultant Svc	-	-	-	150,000	150,000	0.0%
532200 - Equipment Maintenance	101,876	3,000	3,000	5,000	2,000	66.7%
532210 - Special Maintenance	-	7,500	7,500	7,500	-	0.0%
532220 - Pipeline Maintenance	-	-	-	17,000	17,000	0.0%
532800 - Grounds Maintenance	45,707	45,000	45,000	71,000	26,000	57.8%
532850 - Building Maintenance	-	2,000	2,000	-	(2,000)	-100.0%
532900 - Electrical Sys Maint	8,736	5,000	5,000	82,000	77,000	1540.0%
533030 - Contractual Safety Serv	-	4,000	4,000	1,000	(3,000)	-75.0%
533900 - Permits, Ins, & Lic Fees	187	500	500	500	-	0.0%
535000 - Recovery - Contractual	(168,338)	(146,960)	(146,960)	(279,080)	(132,120)	89.9%
Shared Services	179,221	225,475	225,475	222,720	(2,755)	-1.2%
Services Total	\$ 1,172,411	\$ 1,146,960	\$ 942,145	\$ 1,079,080	\$ (67,880)	-5.9%
Capital Outlay						
542000 - Other Capital Outlay	\$ -	\$ 160,000	\$ 160,000	\$ 125,000	\$ (35,000)	-21.9%
545000 - Recovery - Cap Outlay	-	(80,000)	(80,000)	(62,500)	17,500	-21.9%
Capital Outlay Total	\$ -	\$ 80,000	\$ 80,000	\$ 62,500	\$ (17,500)	-21.9%
Escrow						
550660 - Rsv for Maintenance	\$ 100,000	\$ 176,140	\$ 176,140	\$ 176,140	\$ -	0.0%
551000 - Recovery - Irving Escrow	(50,000)	(88,070)	(88,070)	(88,070)	-	0.0%
Escrow Total	\$ 50,000	\$ 88,070	\$ 88,070	\$ 88,070	\$ -	0.0%
Grand Total	\$ 1,267,261	\$ 1,390,000	\$ 1,190,385	\$ 1,286,830	\$ (103,170)	-7.4%

Major FY24 Budget Items

The department's FY24 Proposed Budget has decreased by \$103,170 from the FY23 Original Budget. Major variances are explained below:

- Electrical System Maintenance increased due to HVAC switchgear and soft start maintenance addition to Pump Station
- Electrical Supplies decreased as a result of lower demand and need
- Engineering/Consultant Service went up due to Engineering study for Thrust in Phase #2 of Cooper Pipeline System

Tawakoni Raw Water Pump Station and Water Treatment Plant

Overview

The Tawakoni Raw Water Supply Project is responsible for the operation and maintenance of the water treatment plant, 2 pump stations and pipeline facilities. The facilities consist of a lake pump station, an intermediate pump station, 7 miles of 48-inch diameter treated water pipeline, 7 miles of 42-inch diameter treated water pipeline, 12 miles of 60-inch diameter raw water pipeline, 18 miles of 54-inch raw water pipeline and a 30 MGD water treatment plant.

Raw water is diverted from Lake Tawakoni and conveyed through a 60-inch raw water line to an above grade balancing reservoir located at the water treatment plant site. The water is either treated in the plant or conveyed through the 42- and 48-inch pipelines to an interconnect with the main NTMWD transmission system on the west side of Terrell, Texas. The intermediate pump station re-pumps water from the balancing reservoir through the 54-inch pipeline to the 84-inch East Fork Water Reuse Project Pipeline. Lake Tawakoni water is blended with water from the East Fork Water Reuse Project in the 84-inch East Fork Water Reuse Project Pipeline and transported to Lavon Lake. Blended raw water from Lake Tawakoni and the East Fork Raw Water Reuse Project is discharged into the Pilot Grove arm of Lavon Lake. The water is treated at the Wylie Water Treatment Plant Complex.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Continuously optimize the water treatment process to meet water quality goals and regulations as source water conditions change.
- Pursue Treatment Plant Optimization Recognition through the Texas Optimization Program (TOPS).
- Exceed minimum regulatory requirements for quality of water treated and delivered to Member Cities and Customers.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Manage the conveyance and transmission systems efficiently to minimize cost as operational conditions allow.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- The operation of the Tawakoni facilities provides our customers with water quality that meets and/or exceeds regulatory requirements.
- Meet all system demands throughout the year.

People: Build a talented, competent and committed team

- Continue staff development through internal and external training programs that enhance the knowledge and skill sets of employees.
- Promote and maintain safety and the safety training programs for all levels of the Tawakoni Team.

Major Budget Drivers

- Chemicals
- Personnel
- Electric Power
- Maintenance
- Water Quality
- Regulatory Compliance

Position Summary

Tawakoni Pump Station & WTP		FY23	FY24	Difference
Full-Time Positions				
Lead Water Plant Operator		1.0	1.0	-
Water Plant Mechanic		1.0	1.0	-
Water Plant Operator II		6.0	6.0	-
Water Plant Operator III		2.0	2.0	-
Water Plant Supervisor I		1.0	1.0	-
Total Full-Time Positions		11.0	11.0	-

Expense Detail

Expense Category	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 649,725	\$ 731,215	\$ 701,775	\$ 754,270	\$ 23,055	3.2%
511060 - Overtime	92,460	95,000	95,000	95,000	-	0.0%
512000 - Social Security	54,362	55,935	57,220	57,705	1,770	3.2%
513000 - Workers' Comp Ins	19,256	20,720	17,615	11,935	(8,785)	-42.4%
513020 - Hospitalization Ins	172,572	189,915	189,915	197,570	7,655	4.0%
513040 - Dental Ins	7,845	8,645	9,380	9,075	430	5.0%
513060 - Life Ins	1,606	1,800	1,645	1,620	(180)	-10.0%
513070 - LT Disability Ins	-	-	2,120	2,865	2,865	0.0%
514000 - Retirement	84,655	102,825	131,300	125,880	23,055	22.4%
514010 - Retiree - Insurance	27,185	33,615	42,075	39,065	5,450	16.2%
514020 - Comp Absences-vacation	-	5,205	5,205	7,900	2,695	51.8%
514030 - Comp Absences-sick	10,885	-	-	-	-	0.0%
515000 - Cell Phone Stipend	3,520	3,840	3,840	3,840	-	0.0%
Personnel Total	\$ 1,124,070	\$ 1,248,715	\$ 1,257,090	\$ 1,306,725	\$ 58,010	4.6%
Supplies						
520100 - Office Supplies	\$ 4,545	\$ 600	\$ 600	\$ 600	-	0.0%
520110 - Computer Supplies	6,410	4,500	4,500	6,500	2,000	44.4%
520200 - Xerox Supplies	-	300	300	-	(300)	-100.0%
520300 - Clothing Supplies	3,282	5,300	5,300	4,800	(500)	-9.4%
520600 - Fuel, Oil and Lube	6,560	5,000	5,000	28,000	23,000	460.0%
520700 - Machine Oil & Lube	3,959	5,000	5,000	5,000	-	0.0%
520800 - Small Tools & Equip	2,593	1,400	1,400	1,400	-	0.0%
520900 - Janitorial Supplies	241	-	-	-	-	0.0%
521000 - Laboratory Supplies	46,440	20,240	20,240	27,240	7,000	34.6%
521110 - Safety Supplies	4,343	9,585	9,585	7,635	(1,950)	-20.3%
521200 - Chem - Other	21,938	63,780	70,510	67,520	3,740	5.9%
521201 - Chem - Lime	115,660	214,390	271,040	278,350	63,960	29.8%
521202 - Chem - Ferric Sulfate	516,549	1,084,670	950,590	959,210	(125,460)	-11.6%
521203 - Chem - Chlorine	289,990	390,530	391,070	401,630	11,100	2.8%
521204 - Chem - Ammonia	41,124	60,710	71,190	73,110	12,400	20.4%
521205 - Chem - Fluoride	16,548	29,730	31,180	32,040	2,310	7.8%
521209 - Chem - Polymers	50,656	75,760	111,970	114,990	39,230	51.8%
521216 - Chem - Sodium Chlorite	93,292	207,200	203,930	209,440	2,240	1.1%
521218 - Chem - Liquid Oxygen	63,820	97,130	71,520	73,450	(23,680)	-24.4%

Expense Detail (continued)

Tawakoni Pump Station & WTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
521300 - Botanical Supplies	\$ 319	\$ -	\$ -	\$ -	\$ -	0.0%
521401 - Electrical Supplies	59,420	47,000	47,000	51,000	4,000	8.5%
521500 - Mechanical Supplies	109,099	48,200	48,200	80,200	32,000	66.4%
521600 - Pipeline Supplies	1,824	2,000	2,000	2,000	-	0.0%
521700 - Building Supplies	31,714	12,800	12,800	21,000	8,200	64.1%
521900 - Vehicle Supplies	966	800	800	800	-	0.0%
521910 - Tires and Tubes	642	600	600	600	-	0.0%
522000 - Equipment Supplies	32,736	2,800	2,800	35,550	32,750	1169.6%
522200 - Road Maint Supplies	18,079	500	500	500	-	0.0%
Supplies Total	\$ 1,542,748	\$ 2,390,525	\$ 2,339,625	\$ 2,482,565	\$ 92,040	3.9%
Services						
530300 - Automotive Insurance	\$ 1,710	\$ 1,755	\$ 1,755	\$ 1,475	\$ (280)	-16.0%
530400 - Fire & Exten Cov Ins	128,672	178,610	146,845	163,635	(14,975)	-8.4%
531000 - Telephone	2,565	-	-	-	-	0.0%
531020 - Internet Service	27,209	25,720	25,720	29,520	3,800	14.8%
531100 - Electric Power	2,005,454	1,827,200	1,000,000	1,003,840	(823,360)	-45.1%
531130 - Wholesale Water Purch	2,317,244	3,132,720	2,632,720	3,007,725	(124,995)	-4.0%
531300 - Engin/Consultant Svc	13,336	-	-	14,000	14,000	0.0%
531700 - Advertising	768	-	-	-	-	0.0%
531800 - Rent or Lease Payment	3,119	4,000	4,000	4,300	300	7.5%
531900 - Travel and Training	4,465	3,700	3,700	3,700	-	0.0%
532000 - Mem & Subscriptions	245	230	230	230	-	0.0%
532100 - Vehicle Maint	17	-	-	-	-	0.0%
532110 - Veh Maint by Solid Waste	272	1,500	1,500	1,000	(500)	-33.3%
532200 - Equipment Maintenance	162,807	405,000	405,000	368,050	(36,950)	-9.1%
532210 - Special Maintenance	-	25,000	25,000	1,200	(23,800)	-95.2%
532220 - Pipeline Maintenance	294	1,000	1,000	1,000	-	0.0%
532230 - Facilities Maintenance	216,061	169,000	169,000	399,000	230,000	136.1%
532800 - Grounds Maintenance	61,523	40,000	40,000	95,000	55,000	137.5%
532900 - Electrical Sys Maint	114,546	397,250	397,250	130,000	(267,250)	-67.3%
533000 - Other Services	163,748	154,020	154,020	461,995	307,975	200.0%
533030 - Contractual Safety Serv	2,600	3,500	3,500	3,500	-	0.0%
533500 - Lab Svc - Contract	6,298	12,000	12,000	20,000	8,000	66.7%
533900 - Permits, Ins, & Lic Fees	3,419	4,000	4,000	7,700	3,700	92.5%
534200 - Plant Security Services	28,891	-	-	30,000	30,000	0.0%
Shared Services	2,486,076	2,309,740	2,549,800	2,097,420	(212,320)	-9.2%
Services Total	\$ 7,751,338	\$ 8,695,945	\$ 7,577,040	\$ 7,844,290	\$ (851,655)	-9.8%
Capital Outlay						
540200 - Building	\$ -	\$ -	\$ -	\$ 65,000	\$ 65,000	0.0%
540500 - Machinery	8,250	-	-	-	-	0.0%
540800 - Pipeline Equipment	70,895	-	-	145,000	145,000	0.0%
Capital Outlay Total	\$ 79,145	\$ -	\$ -	\$ 210,000	\$ 210,000	0.0%
Grand Total	\$ 10,497,302	\$ 12,335,185	\$ 11,173,755	\$ 11,843,580	\$ (491,605)	-4.0%

Major FY24 Budget Items

The department's FY24 Proposed Budget has decreased by \$491,605 from the FY23 Original Budget. Major variances are explained below:

- Equipment Supplies increased for the purchase of needed reclaim pump
- Electric Power decreased as a result of reallocation of funds to Conveyance for Conveyance Station usage
- Other Services increased due to TSR cleaning and Basin 1 concrete repairs
- Facilities Maintenance increased as a result of Operations Building roof restoration
- Shared Services decreased for FY24 due to allocation changes
- Pipeline Equipment increased for an IPS Raw Ball Valve Replacement
- Building costs added a Parts Cover for the LAMP initiative

East Fork Raw Water Supply (The Wetlands)

Overview

The Wetlands Operations consist of a diversion pump station and constructed wetlands. Water is diverted from the East Fork of the Trinity River via the diversion pump station into a 1,840 acre wetlands. Diverted water from the Main Stem of the Trinity River is also conveyed into the wetlands via the Main Stem Pump Station (MSPS) and pipeline. Diverted river water flows through managed wetland cells and is collected in a pool located at the south end of the project. Water collected in the pool is pumped via the conveyance pump station through the 84-inch pipeline to the Pilot Grove arm of Lavon Lake. Raw water from the East Fork Water Reuse Project is blended with water in Lavon Lake and treated at the Wylie Water Treatment Plant Complex.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Maintain a healthy and robust wetlands ecosystem through proper wetlands management and control strategies.
- Ensure treatment performance capabilities of the wetlands through vegetation management and replanting efforts.
- Meet the water supply and water quality objectives of NTMWD.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Effective wetlands management through the use of best practices to ensure diverted flows provide a thriving ecosystem for the wetlands.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Educational benefits of the project are achieved through collaborative efforts with local and state partners through a variety of programs.
- Provide an inviting and welcoming environment at the John Bunker Sands Wetland Center facility and grounds through thoughtful and proactive maintenance activities.

People: Build a talented, competent and committed team

- Continue staff development through internal and external training programs that enhance the knowledge and skill sets of employees.

Major Budget Drivers

- Personnel
- Maintenance
- Raw Water Pumping and Electric Power
- Re-planting aquatic species
- Water Quality

Position Summary

The Wetlands Operations			
Full-Time Positions	FY23	FY24	Difference
Lead Operator	1.0	1.0	-
Maintenance Worker - Wetlands	5.0	5.0	-
Wetlands Supervisor	1.0	1.0	-
Total Full-Time Positions	7.0	7.0	-

Expense Detail

The Wetlands Operations		2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category		Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel							
510000 - Wages	\$ 361,160	\$ 400,735	\$ 365,635	\$ 416,220	\$ 15,485		3.9%
511060 - Overtime	1,099	1,500	1,500	1,500	-		0.0%
512000 - Social Security	26,348	30,655	27,435	31,840	1,185		3.9%
513000 - Workers' Comp Ins	9,825	11,350	8,650	6,590	(4,760)		-41.9%
513020 - Hospitalization Ins	92,202	100,520	100,520	95,210	(5,310)		-5.3%
513040 - Dental Ins	4,255	4,710	3,505	3,815	(895)		-19.0%
513060 - Life Ins	922	1,000	880	910	(90)		-9.0%
513070 - LT Disability Ins	-	-	1,155	1,630	1,630		0.0%
514000 - Retirement	46,405	56,515	72,165	69,230	12,715		22.5%
514010 - Retiree - Insurance	14,900	18,475	23,125	21,485	3,010		16.3%
514020 - Comp Absences-vacation	-	1,425	1,425	3,980	2,555		179.3%
515000 - Cell Phone Stipend	3,080	3,360	3,120	3,360	-		0.0%
Personnel Total	\$ 560,196	\$ 630,245	\$ 609,115	\$ 655,770	\$ 25,525	4.1%	
Supplies							
520100 - Office Supplies	\$ -	\$ 200	\$ 200	\$ 350	\$ 150		75.0%
520110 - Computer Supplies	\$ 1,247	\$ 2,610	\$ 2,610	\$ 2,460	(\$150)		-5.7%
520300 - Clothing Supplies	\$ 4,201	\$ 5,350	\$ 5,350	\$ 4,860	(\$490)		-9.2%
520600 - Fuel, Oil and Lube	\$ 22,088	\$ 12,900	\$ 12,900	\$ 12,900	-		0.0%
520700 - Machine Oil & Lube	\$ 3,620	\$ 14,000	\$ 14,000	\$ 14,000	-		0.0%
520800 - Small Tools & Equip	\$ 5,148	\$ 3,800	\$ 3,800	\$ 4,400	600		15.8%
520810 - Fire Extinguishers	\$ -	\$ 400	\$ 400	\$ 400	-		0.0%
520820 - Expendable Supplies	\$ 5,305	\$ 6,000	\$ 6,000	\$ 6,000	-		0.0%
520900 - Janitorial Supplies	\$ 177	\$ 200	\$ 200	\$ 200	-		0.0%
521000 - Laboratory Supplies	\$ -	\$ 450	\$ 450	\$ 450	-		0.0%
521110 - Safety Supplies	\$ 4,061	\$ 3,860	\$ 3,860	\$ 3,860	-		0.0%
521300 - Botanical Supplies	\$ 1,505	\$ 2,600	\$ 2,600	\$ 2,600	-		0.0%
521400 - Electrical Supplies	\$ 27,802	\$ 27,000	\$ 27,000	\$ 27,000	-		0.0%
521500 - Mechanical Supplies	\$ 7,079	\$ 21,000	\$ 21,000	\$ 27,000	\$ 6,000		28.6%
521600 - Pipeline Supplies	\$ 857	\$ 1,000	\$ 1,000	\$ 1,000	-		0.0%
521700 - Building Supplies	\$ 3,703	\$ 1,000	\$ 1,000	\$ 2,000	\$ 1,000		100.0%
521900 - Vehicle Supplies	\$ 4,281	\$ 3,300	\$ 3,300	\$ 4,200	\$ 900		27.3%
521910 - Tires and Tubes	\$ 3,428	\$ 4,200	\$ 4,200	\$ 4,200	-		0.0%
522000 - Equipment Supplies	\$ 6,319	\$ 5,000	\$ 5,000	\$ 5,500	\$ 500		10.0%
522200 - Road Maintenance Supplies	\$ -	\$ 15,000	\$ 15,000	\$ 24,000	\$ 9,000		60.0%
Supplies Total	\$ 100,821	\$ 129,870	\$ 129,870	\$ 147,380	\$ 17,510	13.5%	

Expense Detail (continued)

The Wetlands Operations		2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget	
Services							
530300 - Automotive Insurance	\$ 6,193	\$ 7,930	\$ 7,930	\$ 10,145	\$ 2,215		27.9%
530400 - Fire & Exten Cov Ins	55,807	77,465	24,325	29,255	(48,210)		-62.2%
531000 - Telephone	9,923	5,400	5,400	6,000	600		11.1%
531020 - Internet Service	2,363	960	960	2,040	1,080		112.5%
531100 - Electric Power	2,124,059	151,050	211,090	201,050	50,000		33.1%
531120 - Retail Water Service	396	500	500	800	300		60.0%
531130 - Wholesale Water Purch	3,300,416	677,860	677,860	788,645	110,785		16.3%
531300 - Engin/Consultant Svc	-	249,000	249,000	256,000	7,000		2.8%
531310 - Special Studies & Rpts	183,694	-	-	-	-		0.0%
531800 - Rent or Lease Payment	-	1,000	1,000	1,000	-		0.0%
531900 - Travel and Training	962	3,700	3,700	3,700	-		0.0%
532100 - Vehicle Maint	7,469	1,000	1,000	1,000	-		0.0%
532110 - Veh Maint by Solid Waste	3,748	2,000	2,000	2,000	-		0.0%
532200 - Equipment Maintenance	199,134	104,000	104,000	104,000	-		0.0%
532210 - Special Maintenance	-	120,000	120,000	160,000	40,000		33.3%
532220 - Pipeline Maintenance	20,790	-	-	-	-		0.0%
532230 - Facilities Maintenance	18,275	10,000	10,000	10,000	-		0.0%
532240 - Nature Center	180,982	218,000	218,000	227,000	9,000		4.1%
532800 - Grounds Maintenance	5,120	-	-	-	-		0.0%
532900 - Electrical Sys Maint	61,226	38,100	38,100	52,100	14,000		36.7%
533000 - Other Services	401,804	401,500	401,500	401,500	-		0.0%
533020 - Contract Labor	101,750	150,000	150,000	110,000	(40,000)		-26.7%
534200 - Plant Security Services	4,480	5,000	5,000	5,000	-		0.0%
Shared Services	2,075,957	1,093,515	1,190,580	860,755	(232,760)		-21.3%
Services Total	\$ 8,764,546	\$ 3,317,980	\$ 3,421,945	\$ 3,231,990	\$ (85,990)		-2.6%
Capital Outlay							
540200 - Building	\$ -	\$ -	\$ -	\$ 160,000	\$ 160,000		0.0%
540300 - Vehicle Equipment	161,826	-	-	-	-		0.0%
540700 - Non-Vehicle Equipment	205,113	-	-	-	-		0.0%
Capital Outlay Total	\$ 366,939	\$ -	\$ -	\$ 160,000	\$ 160,000		0.0%
Grand Total	\$ 9,792,503	\$ 4,078,095	\$ 4,160,930	\$ 4,195,140	\$ 117,045		2.9%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$117,045 from the FY23 Original Budget. Major variances are explained below:

- Electric Power increased due to increased demand and rising costs
- Wholesale Water Purchases increased due to increase in unit costs and effluent discharge volumes
- Shared Services decreased for FY24
- Capital Outlay increased as a result of remodeling and repairs to staff offices

Bonham Water Treatment Plant

Overview

The Bonham WTP is responsible for the operation and maintenance of the treatment plant, raw water pumping facilities and raw water pipeline. The WTP has a maximum permitted treatment capacity of 6.6 MGD. The Bonham WTP was the first NTMWD potable water facility to incorporate both ozone and chlorine dioxide to address source water quality issues, a treatment scheme that is now used at all other NTMWD potable water treatment facilities. Raw water is conveyed from Lake Bonham through an intake structure to the raw water pump station then to the water plant via a raw water pipeline.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Continuously optimize the water treatment process to meet water quality goals as source water conditions change.
- Pursue Treatment Plant Optimization Recognition through the Texas Optimization Program (TOPS).
- Exceed minimum regulatory requirements for quality of water treated and delivered to Member Cities and Customers.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Manage the conveyance system and treatment plant efficiently to minimize cost as operational conditions allow.
- Carry out the five-year asset management roadmap associated with the facility.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Provide customers with water quality that meets and/or exceeds regulatory requirements.
- Meet all system demands throughout the year.

People: Build a talented, competent and committed team

- Continue staff development through internal and external training programs that enhance the knowledge and skill sets of employees.
- Promote and maintain safety and the safety training programs for all levels of the Bonham Team.

Major Budget Drivers

- Chemicals
- Personnel
- Maintenance
- Electric Power
- Water Quality
- Regulatory Compliance

Position Summary

Bonham WTP		FY23	FY24	Difference
Full-Time Positions				
Water Plant Mechanic		1.0	1.0	-
Water Plant Operator II		8.0	8.0	-
Water Plant Operator III		1.0	1.0	-
Water Plant Supervisor I		1.0	1.0	-
Total Full-Time Positions		11.0	11.0	-

Expense Detail

Bonham WTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 623,738	\$ 726,815	\$ 702,700	\$ 742,115	\$ 15,300	2.1%
511060 - Overtime	95,013	85,000	85,000	85,000	-	0.0%
512000 - Social Security	51,071	55,605	55,955	56,775	1,170	2.1%
513000 - Workers' Comp Ins	18,518	20,590	17,535	11,740	(8,850)	-43.0%
513020 - Hospitalization Ins	181,556	200,155	200,155	224,810	24,655	12.3%
513040 - Dental Ins	8,436	9,425	8,985	9,425	-	0.0%
513060 - Life Ins	1,552	1,795	1,605	1,600	(195)	-10.9%
513070 - LT Disability Ins	-	-	2,125	2,825	2,825	0.0%
514000 - Retirement	83,235	101,270	129,315	125,470	24,200	23.9%
514010 - Retiree - Insurance	26,730	33,105	41,435	38,940	5,835	17.6%
514020 - Comp Absences-vacation	-	-	-	12,775	12,775	0.0%
514030 - Comp Absences-sick	-	6,770	6,770	-	(6,770)	-100.0%
515000 - Cell Phone Stipend	2,760	2,880	2,880	3,840	960	33.3%
Personnel Total	\$ 1,092,609	\$ 1,243,410	\$ 1,254,460	\$ 1,315,315	\$ 71,905	5.8%
Supplies						
520100 - Office Supplies	\$ 1,732	\$ 200	\$ 200	\$ 550	\$ 350	175.0%
520110 - Computer Supplies	4,389	2,800	2,800	2,700	(100)	-3.6%
520300 - Clothing Supplies	4,860	5,800	5,800	5,800	-	0.0%
520600 - Fuel, Oil and Lube	3,555	5,330	5,330	28,330	23,000	431.5%
520700 - Machine Oil & Lube	4,627	500	500	4,600	4,100	820.0%
520800 - Small Tools & Equip	693	700	700	700	-	0.0%
520900 - Janitorial Supplies	508	-	-	200	200	0.0%
521000 - Laboratory Supplies	28,783	19,840	19,840	21,440	1,600	8.1%
521110 - Safety Supplies	5,549	7,780	7,780	6,500	(1,280)	-16.5%
521200 - Chem - Other	14,237	23,130	34,060	23,910	780	3.4%
521201 - Chem - Lime	30,398	66,540	77,160	77,160	10,620	16.0%
521202 - Chem - Ferric Sulfate	102,489	130,130	112,190	107,250	(22,880)	-17.6%
521203 - Chem - Chlorine	63,873	65,790	50,900	61,020	(4,770)	-7.3%
521204 - Chem - Ammonia	-	7,590	8,060	7,890	300	4.0%
521205 - Chem - Fluoride	3,478	3,640	2,960	2,960	(680)	-18.7%
521209 - Chem - Polymers	-	8,350	10,490	10,480	2,130	25.5%
521216 - Chem - Sodium Chlorite	19,886	23,550	69,830	24,820	1,270	5.4%
521218 - Chem - Liquid Oxygen	15,199	18,840	16,970	16,970	(1,870)	-9.9%
521400 - Electrical Supplies	47,276	32,000	32,000	32,000	-	0.0%
521500 - Mechanical Supplies	174,106	386,000	341,000	67,500	(318,500)	-82.5%
521600 - Pipeline Supplies	7,376	150	150	30,000	29,850	19900.0%
521700 - Building Supplies	21,480	2,300	2,300	6,700	4,400	191.3%
521900 - Vehicle Supplies	580	450	450	450	-	0.0%
521910 - Tires and Tubes	2	500	500	500	-	0.0%
522000 - Equipment Supplies	23,748	2,800	2,800	5,650	2,850	101.8%
522200 - Road Maintenance Supplies	75	-	-	-	-	0.0%
523000 - Other Supplies	448	-	-	-	-	0.0%
Supplies Total	\$ 579,346	\$ 814,710	\$ 804,770	\$ 546,080	\$ (268,630)	-33.0%

Expense Detail (continued)

Bonham WTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services						
530300 - Automotive Insurance	\$ 1,710	\$ 1,755	\$ 1,755	\$ 1,475	\$ (280)	-16.0%
530400 - Fire & Exten Cov Ins	14,292	19,840	12,815	38,400	18,560	93.5%
531000 - Telephone	3,987	4,080	4,080	4,080	-	0.0%
531020 - Internet Service	2,792	3,195	3,195	8,740	5,545	173.6%
531100 - Electric Power	63,663	82,510	83,810	82,510	-	0.0%
531300 - Engin/Consultant Svc	12,526	-	-	-	-	0.0%
531700 - Advertising	370	-	-	-	-	0.0%
531800 - Rent or Lease Payment	4,623	1,000	1,000	2,920	1,920	192.0%
531900 - Travel and Training	4,214	3,500	3,500	3,500	-	0.0%
532000 - Mem & Subscriptions	453	435	435	435	-	0.0%
532100 - Vehicle Maint	17	-	-	-	-	0.0%
532110 - Veh Maint by Solid Waste	198	400	400	400	-	0.0%
532200 - Equipment Maintenance	108,424	58,720	58,720	133,700	74,980	127.7%
532210 - Special Maintenance	12,691	6,000	6,000	81,200	75,200	1253.3%
532800 - Grounds Maintenance	6,700	9,120	9,120	27,120	18,000	197.4%
532900 - Electrical Sys Maint	10,095	25,000	25,000	29,000	4,000	16.0%
533000 - Other Services	172,905	15,240	15,240	229,390	214,150	1405.2%
533030 - Contractual Safety Serv	975	900	900	1,000	100	11.1%
533500 - Lab Svc - Contract	19,425	15,670	15,670	23,670	8,000	51.1%
533900 - Permits, Ins, & Lic Fees	1,504	1,950	1,950	4,650	2,700	138.5%
534200 - Plant Security Services	3,536	-	-	-	-	0.0%
Shared Services	824,349	847,320	917,345	777,135	(70,185)	-8.3%
Services Total	\$ 1,269,449	\$ 1,096,635	\$ 1,160,935	\$ 1,449,325	\$ 352,690	32.2%
Capital Outlay						
540200 - Building	\$ 23,900	\$ -	\$ -	\$ -	\$ -	0.0%
540300 - Vehicle Equipment	-	48,280	48,280	-	(48,280)	-100.0%
540700 - Non-Vehicle Equipment	5,628	-	-	-	-	0.0%
Capital Outlay Total	\$ 29,528	\$ 48,280	\$ 48,280	\$ -	(48,280)	-100.0%
Grand Total	\$ 2,970,932	\$ 3,203,035	\$ 3,268,445	\$ 3,310,720	\$ 107,685	3.4%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$107,685 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased as a result of higher Wages, Insurance and Retirement costs
- Mechanical Supplies decreased as a result of reduction in need
- Special Maintenance increased due to needed repairs on the Raw Water Intake Gate
- Other Services increased as a result of repairs to Sedimentation Basin 1
- Pipeline Supplies increased due to the replacement of chemical trench piping

Bois d'Arc Lake FM 897 Boat Ramp



Bois d'Arc Lake Department

Overview

The Bois d'Arc Lake Department is responsible for oversight and program management of the Bois d'Arc Lake (BDL) Program including the dam, spillway, intake, discharge channel, pump station and NTMWD-owned lake facilities. The department also manages the design and implementation of the programs associated with BDL such as the Shoreline Management Plan and Lake Operations Plan. In addition, the department will coordinate with other NTMWD departments, outside agencies and contract program teams in order to meet the standards and qualifications to successfully implement the programs necessary to effectively operate the BDL Program.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Operating the Lake Operations Center and Dam Maintenance Facility.
- Carry out the established NTMWD approved Shoreline Management Plan.
- Maintain and carry out the BDL Operations Plan
- Continue meeting or surpassing regulatory requirements.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Implement and carry out the five-year asset management roadmap associated with the Bois d'Arc Lake Program.
- Continue to identify and improve efficiencies in systems, processes and staffing throughout the Bois d'Arc Lake Program.
- Continue working with other NTMWD supporting departments for the ongoing operations of Bois d'Arc Lake.
- Work with Fannin County, surrounding communities and property owners on maintaining a successful Shoreline Management Plan.
- Stand ready to activate and utilize the Emergency Management Plans associated with Bois d'Arc Lake if necessary.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Work closely with other NTMWD departments and outside agencies to operate efficiently and in compliance with regulations set forth by the governing entities and the NTMWD Board of Directors.
- Increase public awareness of the role, services, resources and value of the NTMWD through regional collaboration and effective use of NTMWD facilities.
- Continue to provide educational resources and classroom/meeting room spaces for Fannin County and other area organizations at Bois d'Arc Lake Operations Center.
- Work on continuing the partnerships with agencies in Fannin County.

People: Build a talented, competent and committed team

- Continue training and professional development activities for the Bois d'Arc Lake team.
- Promote and maintain a safety training program for all levels of the Bois d'Arc Lake team.
- Provide adequate workspaces and facilities for department employees.

Major Budget Drivers

- Safety of access and use of Bois d'Arc Lake
- Operations and Maintenance of Dam and associated facilities
- Mitigation and monitoring requirements
- Personnel
- Equipment / Supplies / Services

Position Summary

Bois d'Arc Lake Department

Full-Time Positions	FY23	FY24	Difference
Administrative Technician	1.0	1.0	-
Bois d'Arc Lake Crew Leader	2.0	2.0	-
Bois d'Arc Lake Operations Manager	1.0	1.0	-
Bois d'Arc Lake Operator II	4.0	4.0	-
Bois d'Arc Lake Permit Supervisor	1.0	1.0	-
Bois d'Arc Lake Permit Technician	1.0	1.0	-
Bois d'Arc Lake Supervisor	1.0	1.0	-
Total Full-Time Positions	11.0	11.0	-

Expense Detail

Bois d'Arc Lake Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 454,836	\$ 785,730	\$ 685,995	\$ 795,675	\$ 9,945	1.3%
511060 - Overtime	7,552	80,000	80,000	80,000	-	0.0%
512000 - Social Security	34,364	59,535	52,230	60,870	1,335	2.2%
513000 - Workers' Comp Ins	4,341	10,625	7,585	6,825	(3,800)	-35.8%
513020 - Hospitalization Ins	55,923	132,780	132,780	172,410	39,630	29.8%
513040 - Dental Ins	5,655	8,570	7,960	9,740	1,170	13.7%
513060 - Life Ins	1,090	1,930	1,560	1,700	(230)	-11.9%
513070 - LT Disability Ins	-	-	2,175	3,115	3,115	0.0%
514000 - Retirement	68,170	112,210	143,285	136,375	24,165	21.5%
514010 - Retiree - Insurance	21,890	36,680	45,915	42,325	5,645	15.4%
514020 - Comp Absences-vacation	-	13,750	13,750	7,640	(6,110)	-44.4%
515000 - Cell Phone Stipend	2,720	4,800	4,560	5,280	480	10.0%
Personnel Total	\$ 656,541	\$ 1,246,610	\$ 1,177,795	\$ 1,321,955	\$ 75,345	6.0%

Supplies

520100 - Office Supplies	\$ 13,001	\$ 6,225	\$ 6,225	\$ 6,875	\$ 650	10.4%
520110 - Computer Supplies	21,041	15,045	15,045	19,440	4,395	29.2%
520200 - Xerox Supplies	2,742	1,000	1,000	1,000	-	0.0%
520300 - Clothing Supplies	4,962	5,080	5,080	6,955	1,875	36.9%
520600 - Fuel, Oil and Lube	29,629	53,250	53,250	53,250	-	0.0%
520630 - Toll Fees	18	200	200	200	-	0.0%
520700 - Machine Oil & Lube	205	3,500	3,500	3,500	-	0.0%
520800 - Small Tools & Equip	39,307	5,000	5,000	15,800	10,800	216.0%
520820 - Expendable Supplies	-	3,000	3,000	3,700	700	23.3%
520900 - Janitorial Supplies	2,232	5,300	5,300	5,300	-	0.0%
521110 - Safety Supplies	52,765	21,400	21,400	26,435	5,035	23.5%
521300 - Botanical Supplies	479	5,000	5,000	5,000	-	0.0%
521400 - Electrical Supplies	415	10,000	10,000	10,000	-	0.0%
521500 - Mechanical Supplies	1,407	10,000	10,000	10,000	-	0.0%
521700 - Building Supplies	15,439	5,000	5,000	5,500	500	10.0%
521900 - Vehicle Supplies	7,534	4,700	4,700	4,700	-	0.0%

Expense Detail (continued)

Bois d'Arc Lake Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
521910 - Tires and Tubes	\$ 95	\$ 5,000	\$ 5,000	\$ 5,000	\$ -	0.0%
522200 - Road Maintenance Supplies	29,290	33,000	33,000	33,000	\$ -	0.0%
Supplies Total	\$ 220,558	\$ 191,700	\$ 191,700	\$ 215,655	\$ 23,955	12.5%
Services						
530300 - Automotive Insurance	\$ 6,414	\$ 13,435	\$ 13,435	\$ 21,320	\$ 7,885	58.7%
530400 - Fire & Exten Cov Ins	-	28,500	6,145	16,705	(11,795)	-41.4%
530900 - General Liability Ins	-	100,000	100,000	100,000	\$ -	0.0%
531020 - Internet Service	30,282	51,960	51,960	55,260	3,300	6.4%
531100 - Electric Power	19,801	50,000	75,000	91,800	41,800	83.6%
531120 - Retail Water Service	3,880	9,600	9,600	9,600	\$ -	0.0%
531300 - Engin/Consultant Svc	402,425	1,205,000	1,205,000	1,020,165	(184,835)	-15.3%
531400 - Legal Service	-	35,000	35,000	35,000	\$ -	0.0%
531600 - Printing & Binding	-	6,700	6,700	6,700	\$ -	0.0%
531700 - Advertising	9,782	7,500	7,500	29,000	21,500	286.7%
531800 - Rent or Lease Payment	-	8,770	8,770	8,770	\$ -	0.0%
531900 - Travel and Training	7,687	10,000	10,000	22,830	12,830	128.3%
532000 - Mem & Subscriptions	602	990	990	1,390	400	40.4%
532100 - Vehicle Maint	2,780	3,300	3,300	3,700	400	12.1%
532110 - Veh Maint by Solid Waste	1,621	2,500	2,500	2,700	200	8.0%
532200 - Equipment Maintenance	4,055	56,700	56,700	58,300	1,600	2.8%
532210 - Special Maintenance	-	500	500	1,000	500	100.0%
532230 - Facilities Maintenance	4,427	26,900	26,900	33,400	6,500	24.2%
532300 - Postage	620	750	750	1,000	250	33.3%
532600 - Lake Maintenance	75,150	110,000	110,000	110,000	\$ -	0.0%
532800 - Grounds Maintenance	3,574	13,820	13,820	15,080	1,260	9.1%
532850 - Building Maintenance	4,528	52,000	52,000	28,500	(23,500)	-45.2%
533000 - Other Services	242,434	309,500	309,500	304,500	(5,000)	-1.6%
533020 - Contract Labor	300	106,960	106,960	145,600	38,640	36.1%
533030 - Contractual Safety Serv	-	-	-	3,000	3,000	0.0%
Shared Services	1,823,630	1,751,130	1,831,105	1,634,850	(116,280)	-6.6%
Services Total	\$ 2,643,992	\$ 3,961,515	\$ 4,044,135	\$ 3,760,170	\$ (201,345)	-5.1%
Capital Outlay						
540200 - Building	\$ 16,381	\$ -	\$ -	\$ -	\$ -	0.0%
540700 - Non-Vehicle Equipment	8,350	-	-	-	-	0.0%
Capital Outlay Total	\$ 24,731	\$ -	\$ -	\$ -	\$ -	0.0%
Grand Total	\$ 3,545,823	\$ 5,399,825	\$ 5,413,630	\$ 5,297,780	\$ (102,045)	-1.9%

Major FY24 Budget Items

The department's FY24 Proposed Budget has decreased by \$102,045 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- Advertising increased as a result of higher printing costs and reallocation of \$15,000 from Engineering/Consultant Service for communications support
- Shared Services decreased for FY24

Leonard Water Treatment Plant Operations Center



Leonard Water Treatment Plant

Overview

The Leonard WTP is a 70 MGD plant (ultimate build-out to 280 MGD) that officially started pumping potable water into the transmission system on March 14, 2023. Raw water is conveyed from BDL through a 90-inch pipeline to a 210 MG terminal storage reservoir located on the Leonard WTP property. Treated water from the Leonard WTP is conveyed to the north part of the NTMWD north regional transmission system in McKinney, Texas.

The addition of BDL and the Leonard WTP will diversify water supplies and provide additional capacity and reliability to the region's treated water system. Similar to the other treatment facilities, the department is responsible for sustaining plant assets through its maintenance and asset management programs to ensure reliable and continuous service to our customers in order to meet system demands for approximately 2 million people.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Continuously study and optimize the water treatment process to meet water quality goals as source water conditions change.
- Pursue Treatment Plant Optimization Recognition through the Texas Optimization Program (TOPs).
- Exceed minimum regulatory requirements for quality of water treated and delivered to Member Cities and Customers.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Manage the conveyance and transmission systems efficiently to minimize cost as operational conditions allow.
- Implement and carry out the five-year assessment roadmap associated with the facility.
- Stand ready to activate and utilize the Emergency Management and Risk Management Plans associated with the Leonard WTP.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Work on continuing partnerships with surrounding local emergency planning committees on emergency action planning.
- Work closely with other NTMWD departments and outside agencies to operate efficiently and in compliance with regulations set forth by the governing entities and the NTMWD Board of Directors.

People: Build a talented, competent and committed team

- Continue staff development through internal and external training programs that enhance the knowledge and skill sets of employees.
- Promote and maintain safety and the safety training programs for all levels of the Leonard Team..

Major Budget Drivers

- Personnel
- Electric Power
- Chemicals
- Water Quality
- Regulatory Compliance

Position Summary

Leonard WTP

Full-Time Positions	FY23	FY24	Difference
Information Systems Assistant	-	1.0	1.0
Lead Water Plant Operator	2.0	2.0	-
Mechanic's Assistant	1.0	1.0	-
Water Plant Mechanic	1.0	1.0	-
Water Plant Operator II	8.0	8.0	-
Water Plant Operator III	2.0	2.0	-
Water Plant Supervisor II	1.0	1.0	-
Total Full-Time Positions	15.0	16.0	1.0

Expense Detail

Leonard WTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 617,150	\$ 955,615	\$ 836,745	\$ 994,775	\$ 39,160	4.1%
511060 - Overtime	83,590	147,000	147,000	147,000	-	0.0%
512000 - Social Security	51,684	73,110	67,230	76,095	2,985	4.1%
513000 - Workers' Comp Ins	18,004	27,080	20,730	14,900	(12,180)	-45.0%
513020 - Hospitalization Ins	112,904	178,085	178,085	231,070	52,985	29.8%
513040 - Dental Ins	4,316	6,625	5,840	6,835	210	3.2%
513060 - Life Ins	1,487	2,370	1,925	2,195	(175)	-7.4%
513070 - LT Disability Ins	-	-	2,500	3,715	3,715	0.0%
514000 - Retirement	106,295	133,395	170,340	168,670	35,275	26.4%
514010 - Retiree - Insurance	34,130	43,605	54,585	52,345	8,740	20.0%
514020 - Comp Absences-vacation	895	12,335	12,335	11,260	(1,075)	-8.7%
514030 - Comp Absences-sick	-	41,690	41,690	2,955	(38,735)	-92.9%
515000 - Cell Phone Stipend	3,920	6,720	6,040	7,200	480	7.1%
Personnel Total	\$ 1,034,375	\$ 1,627,630	\$ 1,545,045	\$ 1,719,015	\$ 91,385	5.6%

Supplies

520100 - Office Supplies	\$ 25,576	\$ 2,000	\$ 2,000	\$ 2,000	\$ -	0.0%
520110 - Computer Supplies	27,808	2,615	2,615	5,760	3,145	120.3%
520200 - Xerox Supplies	-	720	720	-	(720)	-100.0%
520300 - Clothing Supplies	6,000	10,100	10,100	4,800	(5,300)	-52.5%
520600 - Fuel, Oil and Lube	5,915	10,550	10,550	124,550	114,000	1080.6%
520630 - Toll Fees	400	-	-	-	-	0.0%
520700 - Machine Oil & Lube	4,672	8,000	8,000	8,000	-	0.0%
520800 - Small Tools & Equip	18,477	3,080	3,080	3,080	-	0.0%
521000 - Laboratory Supplies	12,426	74,515	74,515	74,515	-	0.0%
521110 - Safety Supplies	19,871	12,020	12,020	15,000	2,980	24.8%
521200 - Chem - Other	32,159	922,560	380,810	423,000	(499,560)	-54.1%
521201 - Chem - Lime	-	157,060	650	208,010	50,950	32.4%
521202 - Chem - Ferric Sulfate	129,879	5,492,810	2,930,510	5,655,360	162,550	3.0%
521203 - Chem - Chlorine	-	1,641,940	1,093,880	2,111,000	469,060	28.6%
521204 - Chem - Ammonia	15,031	426,910	279,110	538,610	111,700	26.2%
521205 - Chem - Fluoride	7,670	116,150	66,110	127,570	11,420	9.8%
521209 - Chem - Polymers	23,326	372,670	189,990	680,110	307,440	82.5%

Expense Detail (continued)

Leonard WTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
521214 - Chem - Caustic	\$ 98,264	\$ 3,107,740	\$ 2,097,640	\$ 4,048,050	\$ 940,310	30.3%
521216 - Chem - Sodium Chlorite	25,552	667,040	381,900	736,990	69,950	10.5%
521218 - Chem - Liquid Oxygen	21,213	379,470	202,250	390,290	10,820	2.9%
521400 - Electrical Supplies	1,701	31,000	31,000	31,000	-	0.0%
521500 - Mechanical Supplies	19,370	30,150	30,150	30,150	-	0.0%
521700 - Building Supplies	14,386	1,000	1,000	1,000	-	0.0%
521900 - Vehicle Supplies	1,740	1,500	1,500	1,500	-	0.0%
521910 - Tires and Tubes	644	685	685	685	-	0.0%
522000 - Equipment Supplies	20,317	48,000	48,000	48,650	650	1.4%
Supplies Total	\$ 532,396	\$ 13,520,285	\$ 7,858,785	\$ 15,269,680	\$ 1,749,395	12.9%
Services						
530300 - Automotive Insurance	\$ 6,463	\$ 7,485	\$ 7,485	\$ 5,870	\$ (1,615)	-21.6%
530400 - Fire & Exten Cov Ins	-	140,915	173,710	473,060	332,145	235.7%
530900 - General Liability Ins	-	100,000	100,000	100,000	-	0.0%
531000 - Telephone	-	505	505	420	(85)	-16.8%
531020 - Internet Service	4,222	6,720	6,720	17,060	10,340	153.9%
531100 - Electric Power	514,848	2,900,000	1,609,710	2,900,000	-	0.0%
531700 - Advertising	2,747	-	-	-	-	0.0%
531800 - Rent or Lease Payment	9,764	8,640	8,640	9,360	720	8.3%
531900 - Travel and Training	9,079	6,200	6,200	6,200	-	0.0%
532000 - Mem & Subscriptions	238	610	610	610	-	0.0%
532100 - Vehicle Maint	25	-	-	-	-	0.0%
532110 - Veh Maint by Solid Waste	753	1,500	1,500	1,500	-	0.0%
532200 - Equipment Maintenance	9,763	143,000	143,000	231,080	88,080	61.6%
532210 - Special Maintenance	(40,455)	5,000	5,000	5,000	-	0.0%
532230 - Facilities Maintenance	400	26,100	26,100	26,100	-	0.0%
532300 - Postage	-	150	150	150	-	0.0%
532800 - Grounds Maintenance	3,220	50,000	50,000	50,000	-	0.0%
532900 - Electrical Sys Maint	-	-	-	100,000	100,000	0.0%
533000 - Other Services	40,225	34,800	34,800	119,800	85,000	244.3%
533030 - Contractual Safety Serv	-	18,000	18,000	33,300	15,300	85.0%
533500 - Lab Svc - Contract	-	32,475	32,475	40,475	8,000	24.6%
533900 - Permits, Ins, & Lic Fees	23,047	34,500	34,500	66,500	32,000	92.8%
534000 - Uninsured losses	811	-	-	-	-	0.0%
Shared Services	4,934,578	6,410,655	4,983,220	6,345,345	(65,310)	-1.0%
Services Total	\$ 5,519,728	\$ 9,927,255	\$ 7,242,325	\$ 10,531,830	\$ 604,575	6.1%
Capital Outlay						
540300 - Vehicle Equipment	\$ 51,948	\$ 28,000	\$ 28,000	\$ 24,000	\$ (4,000)	-14.3%
Capital Outlay Total	\$ 51,948	\$ 28,000	\$ 28,000	\$ 24,000	\$ (4,000)	-14.3%
Grand Total	\$ 7,138,446	\$ 25,103,170	\$ 16,674,155	\$ 27,544,525	\$ 2,441,355	9.7%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$2,441,355 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance costs and one new position
- Chemicals increased due to continued inflation on prices and a full year of operations
- Electrical System Maintenance increased as a result of plant now being operational and future need for maintenance
- Fuel, Oil and Lube increased in order to supply both plant generators and fuel for maintenance runs
- Other Services increased as a result of new Public Safety Agreement with the City of Leonard and Oil Storage/Disposal Facility

Water Conveyance System

Overview

The Water Conveyance System Department is responsible for all matters pertaining to treated water conveyance operations in the District's approximately 2,200 square mile service area. This includes nearly 600 miles of pipelines, with associated valves, pump stations, delivery points, ground storage tanks, easements, electrical, instrumentation and supervisory control and data acquisition (SCADA) and related infrastructure. Conveyance oversees the operation, maintenance, administration and improvement of these facilities to provide superior water to Member Cities and Customers, and works to maintain, develop and implement initiatives to improve the reliability and integrity of this infrastructure.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Develop a robust asset management program.
- Respond in a timely manner to events impacting water delivery, system components or the environment.
- Optimize water quality through addition of new water quality analyzers.
- Use hydraulic models to enhance system operation.
- Preserve assets by performing targeted assessments using state-of-the-industry technologies, then establish short and long-term, proactive measures to address results.
- Implement system risk reduction strategies where appropriate and cost effective.
- Improve predictive/preventative maintenance techniques.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Accurately measure and minimize water loss.
- Economize through effective pumping strategies.
- Effectively manage corrosion within the system.
- Pursue needed capabilities based on understood needs.
- Enhance and improve asset management initiatives to preserve and make informed decisions on repairing, replacing and maintaining equipment and facilities.
- Safeguard our natural resources through understanding of potential hazards.
- Collect and understand appropriate data, coupled with a technical depth of knowledge in order to make the most informed decisions.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Partner with Member Cities and Customers in optimizing transmission system water quality.
- Engage with operational staff of constituents to increase awareness and understanding of one another's systems.
- Develop relationships with governmental and private entities where interests and needs overlap.
- Share knowledge and experiences across municipalities and NTMWD departments to develop a broader understanding of all stakeholders.
- Share resources when possible.
- Communicate responsively and effectively.

People: Build a talented, competent and committed team

- Practice continuous improvement and education, both formally and informally.
- Participate actively and enthusiastically in internal training opportunities.
- Share experiences in order to learn from one another.
- Seek educational opportunities outside the organization.

Major Budget Drivers

- Electric Power
- Infrastructure Maintenance, Improvements and Repairs

Position Summary

Water Conveyance System	FY23	FY24	Difference
Full-Time Positions			
Assistant Water Conveyance System Manager *	1.0	1.0	-
Lead Water Conveyance System Operator *	2.0	3.0	1.0
Professional Engineer	1.0	1.0	-
Water Conveyance System Operator II *	5.0	6.0	1.0
Water Conveyance Supervisor II	-	1.0	1.0
Total Full-Time Positions	9.0	12.0	3.0

* Title change in FY24

Expense Detail

Water Conveyance System	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 493,427	\$ 707,665	\$ 599,315	\$ 935,530	\$ 227,865	32.2%
511060 - Overtime	20,259	48,000	48,000	48,000	-	0.0%
512000 - Social Security	37,966	53,850	47,005	71,575	17,725	32.9%
513000 - Workers' Comp Ins	6,836	12,350	8,025	10,400	(1,950)	-15.8%
513020 - Hospitalization Ins	108,870	147,265	147,265	167,060	19,795	13.4%
513040 - Dental Ins	5,390	6,755	5,170	6,210	(545)	-8.1%
513060 - Life Ins	1,151	1,720	1,335	2,045	325	18.9%
513070 - LT Disability Ins	-	-	1,875	3,680	3,680	0.0%
514000 - Retirement	28,075	99,800	127,440	157,140	57,340	57.5%
514010 - Retiree - Insurance	9,015	32,625	40,835	48,770	16,145	49.5%
514020 - Comp Absences-vacation	5,050	17,355	17,355	4,125	(13,230)	-76.2%
515000 - Cell Phone Stipend	2,640	4,320	3,560	5,760	1,440	33.3%
Personnel Total	\$ 718,678	\$ 1,131,705	\$ 1,047,180	\$ 1,460,295	\$ 328,590	29.0%

Supplies

520100 - Office Supplies	\$ 681	\$ 6,175	\$ 6,175	\$ 4,155	\$ (2,020)	-32.7%
520110 - Computer Supplies	3,437	42,340	42,340	11,665	(30,675)	-72.4%
520300 - Clothing Supplies	1,798	12,130	12,130	10,445	(1,685)	-13.9%
520600 - Fuel, Oil and Lube	21,926	26,810	26,810	61,510	34,700	129.4%
520630 - Toll Fees	60	150	150	1,560	1,410	940.0%
520700 - Machine Oil & Lube	-	3,500	3,500	3,500	-	0.0%
520800 - Small Tools & Equip	(13,298)	65,955	65,955	64,280	(1,675)	-2.5%
521000 - Laboratory Supplies	2,513	90,215	90,215	84,450	(5,765)	-6.4%
521110 - Safety Supplies	6,668	49,035	49,035	30,665	(18,370)	-37.5%
521218 - Chem - Liquid Oxygen	-	198,000	198,000	170,160	(27,840)	-14.1%
521400 - Electrical Supplies	3,586	49,800	49,800	45,000	(4,800)	-9.6%
521500 - Mechanical Supplies	154	1,000	1,000	3,990	2,990	299.0%
521600 - Pipeline Supplies	179,341	278,640	283,845	393,150	114,510	41.1%
521700 - Building Supplies	5,028	10,220	10,220	9,725	(495)	-4.8%

Expense Detail (continued)

Water Conveyance System	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
521910 - Tires and Tubes	\$ 2,077	\$ 4,835	\$ 4,835	\$ 5,375	\$ 540	11.2%
522000 - Equipment Supplies	8,171	57,290	57,290	85,420	28,130	49.1%
Supplies Total	\$ 222,142	\$ 896,095	\$ 901,300	\$ 985,050	\$ 88,955	9.9%
Services						
530300 - Automotive Insurance	\$ 1,750	\$ 4,460	\$ 4,460	\$ 2,780	\$ (1,680)	-37.7%
530400 - Fire & Exten Cov Ins	-	-	99,390	131,410	131,410	0.0%
531020 - Internet Service	40,388	80,220	80,220	82,140	1,920	2.4%
531100 - Electric Power	5,956,306	13,071,595	10,801,235	11,956,175	(1,115,420)	-8.5%
531300 - Engin/Consultant Svc	557,630	595,000	595,000	876,000	281,000	47.2%
531400 - Legal Service	-	15,000	15,000	15,000	-	0.0%
531700 - Advertising	315	150	150	150	-	0.0%
531900 - Travel and Training	9,830	4,900	4,900	12,000	7,100	144.9%
532000 - Mem & Subscriptions	571	705	705	750	45	6.4%
532100 - Vehicle Maint	2,018	9,380	9,380	6,045	(3,335)	-35.6%
532110 - Veh Maint by Solid Waste	2,282	5,180	5,180	5,265	85	1.6%
532200 - Equipment Maintenance	4,775	104,000	104,000	237,130	133,130	128.0%
532210 - Special Maintenance	24,992	13,320	13,320	22,335	9,015	67.7%
532220 - Pipeline Maintenance	156,997	315,600	315,600	4,669,825	4,354,225	1379.7%
532230 - Facilities Maintenance	-	90,400	90,400	88,900	(1,500)	-1.7%
532700 - Radio Maintenance	23,780	26,955	26,955	51,955	25,000	92.7%
532800 - Grounds Maintenance	36,059	34,275	34,275	265,415	231,140	674.4%
532900 - Electrical Sys Maint	-	70,200	70,200	124,000	53,800	76.6%
533010 - Texoma O & M Cost	101,292	462,615	462,615	125,100	(337,515)	-73.0%
533030 - Contractual Safety Serv	1,045	4,500	4,500	2,000	(2,500)	-55.6%
533900 - Permits, Ins, & Lic Fees	722	700	700	700	-	0.0%
534000 - Uninsured losses	(376,941)	-	-	-	-	0.0%
Shared Services	3,793,701	4,718,455	5,163,135	3,641,355	(1,077,100)	-22.8%
Services Total	\$10,337,512	\$19,627,610	\$17,901,320	\$22,316,430	\$ 2,688,820	13.7%
Capital Outlay						
540300 - Vehicle Equipment	\$ 91,729	\$ 144,830	\$ 205,275	\$ 177,000	\$ 32,170	22.2%
540500 - Machinery	23,600	883,500	883,500	90,000	(793,500)	-89.8%
Capital Outlay Total	\$ 115,329	\$ 1,028,330	\$ 1,088,775	\$ 267,000	\$ (761,330)	-74.0%
Grand Total	\$11,466,501	\$23,058,145	\$21,312,980	\$25,148,305	\$ 2,090,160	9.1%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$2,090,160 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance, Retirement costs and 3 new positions
- Pipeline Maintenance increased as a result of additional gates being added for ROW
- Grounds Maintenance increased due to reallocation from Texoma and BDL budgets along with increases in prices
- Engineering/Consultant Service increased as a result of Condition Assessment for ground storage tanks, pipelines and Operational assessment for shutdowns and accessibility
- Shared Services decreased for FY24

Main Stem Pump Station

Overview

The Main Stem Pump Station (MSPS) consists of a diversion pump station on the Trinity River along with 16 miles of 72-inch diameter pipeline. The MSPS diverts water from the Trinity River near Rosser, Texas and conveys it to the East Fork Raw Water Supply (the Wetlands) where it flows through a 1,840-acre wetland before it is conveyed to Lavon Lake. Raw water pumped from the Main Stem Pump Station to the East Fork Reuse Project is blended with water in Lavon Lake and treated at the Wylie Water Treatment Plant Complex.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Preserve assets by performing targeted assessments using state-of-the-industry technologies, then establish short and long-term, proactive measures to address results.
- Address easement maintenance and access on an annual basis.
- Meet the water supply and water quality objectives of NTMWD.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Manage the system efficiently to minimize cost as operational conditions allow.
- Utilize effective pumping strategies to minimize costs and meet water supply and water quality objectives.
- Develop and improve asset management initiatives to preserve and make informed decisions on repairing, replacing and maintaining equipment and facilities.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Educational benefits of the project are achieved through collaborative efforts with local and state partners through a variety of programs.
- Communicate responsively and effectively.

People: Build a talented, competent and committed team

- Continue staff development through internal and external training programs that enhance the knowledge and skill sets of employees.

Major Budget Drivers

- Maintenance
- Electric Power
- Water supply costs

Expense Detail

Main Stem Pump Station	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies						
520600 - Fuel, Oil and Lube	\$ -	\$ 1,500	\$ 1,500	\$ 1,500	\$ -	0.0%
520700 - Machine Oil & Lube		- 2,000	2,000	2,000	-	0.0%
521400 - Electrical Supplies		- 9,250	9,250	9,250	-	0.0%
521500 - Mechanical Supplies		- 10,000	10,000	10,000	-	0.0%
521600 - Pipeline Supplies		- 167,520	167,520	37,810	(129,710)	-77.4%
521700 - Building Supplies		- 500	500	500	-	0.0%
522000 - Equipment Supplies		- 1,450	1,450	1,450	-	0.0%
522200 - Road Maintenance Supplies		- 10,000	10,000	12,000	2,000	20.0%
Supplies Total	\$ -	\$ 202,220	\$ 202,220	\$ 74,510	\$ (127,710)	-63.2%
Services						
530400 - Fire & Exten Cov Ins	\$ -	\$ 68,000	\$ 67,630	\$ 145,595	\$ 77,595	114.1%
531000 - Telephone		- 900	900	900	-	0.0%
531020 - Internet Service		- 1,020	1,020	1,020	-	0.0%
531100 - Electric Power		- 288,000	288,000	288,000	-	0.0%
531130 - Wholesale Water Purch		- 2,661,425	2,661,425	2,661,425	-	0.0%
532200 - Equipment Maintenance		- 66,000	66,000	36,900	(29,100)	-44.1%
532210 - Special Maintenance		- 57,500	57,500	51,500	(6,000)	-10.4%
532220 - Pipeline Maintenance		- 18,000	18,000	8,000	(10,000)	-55.6%
532230 - Facilities Maintenance		- 17,500	17,500	6,500	(11,000)	-62.9%
532800 - Grounds Maintenance		- 30,000	30,000	22,900	(7,100)	-23.7%
532900 - Electrical Sys Maint		- 24,000	24,000	44,000	20,000	83.3%
533030 - Contractual Safety Serv		- 3,000	3,000	1,500	(1,500)	-50.0%
534200 - Plant Security Services		- 4,000	4,000	14,000	10,000	250.0%
Shared Services		- 877,135	982,030	721,250	(155,885)	-17.8%
Services Total	\$ -	\$ 4,116,480	\$ 4,221,005	\$ 4,003,490	\$ (112,990)	-2.7%
Grand Total	\$ -	\$ 4,318,700	\$ 4,423,225	\$ 4,078,000	\$ (240,700)	-5.6%

Major FY24 Budget Items

The department's FY24 Proposed Budget has decreased by \$240,700 from the FY23 Original Budget. Major variances are explained below:

- Pipeline Supplies decreased due to sufficient stock inventory
- Electrical System Maintenance increased as a result of variable frequency drive (VFD) maintenance and switchgear soft start
- Shared Services decreased for FY24 due to allocation changes

Expense Detail

RWS Escrow, CIF & DS	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Contingency Fund	\$ 1,200,000	\$ 4,000,000	\$ 11,500,000	\$ 2,000,000	\$ (2,000,000)	-50.0%
Capital Imp Fund	\$ 15,000,000	\$ 19,100,000	\$ 19,100,000	\$ 33,000,000	\$ 13,900,000	72.8%
Debt Service						
Bonds:						
Current (P&I)	\$ 184,957,258	\$ 185,808,626	\$ 185,808,626	\$ 185,743,907	\$ (64,719)	0.0%
New (P&I)	-	13,512,939	-	29,368,209	15,855,270	117.3%
ECP	50,432	1,500,000	12,500,000	5,000,000	3,500,000	233.3%
Total	\$ 185,007,690	\$ 200,821,564	\$ 198,308,626	\$ 220,112,116	\$ 19,290,552	9.6%
Other						
Fund Balance Change	\$ 2,980,842	\$ (434,664)	\$ 2,066,574	\$ 81,084	\$ 515,748	-118.7%
Tfrs from Construction	-	(3,745,000)	(3,745,000)	-	3,745,000	-100.0%
Total	\$ 2,980,842	\$ (4,179,664)	\$ (1,678,426)	\$ 81,084	\$ 4,260,748	-101.9%
Transfer to I&S Fund	\$ 187,938,100	\$ 195,141,900	\$ 184,130,200	\$ 215,193,200	\$ 20,051,300	10.3%
Bond Service Fees	\$ 30,060	\$ 35,470	\$ 35,470	\$ 36,790	\$ 1,320	3.7%
ECP Fees	40,000	79,500	79,500	81,885	2,385	3.0%
Total	\$ 70,060	\$ 114,970	\$ 114,970	\$ 118,675	\$ 3,705	3.2%
Notes						
Chapman - City of Cooper	\$ 52,474	\$ 52,475	\$ 52,475	\$ 52,475	\$ -	0.0%
Total	\$ 52,474	\$ 52,475	\$ 52,475	\$ 52,475	\$ -	0.0%
Total Debt Service	\$ 188,111,066	\$ 196,809,345	\$ 196,797,645	\$ 220,364,350	\$ 23,555,005	12.0%
Total Escrow, CIF & DS	\$ 204,311,066	\$ 219,909,345	\$ 227,397,645	\$ 255,364,350	\$ 35,455,005	16.1%

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REGIONAL WASTEWATER SYSTEM

FY24 FAST BUDGET FACTS

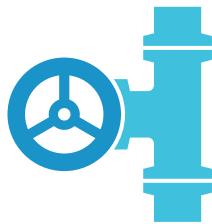
WASTEWATER SERVICES

COMMUNITIES SERVED

264
EMPLOYEES

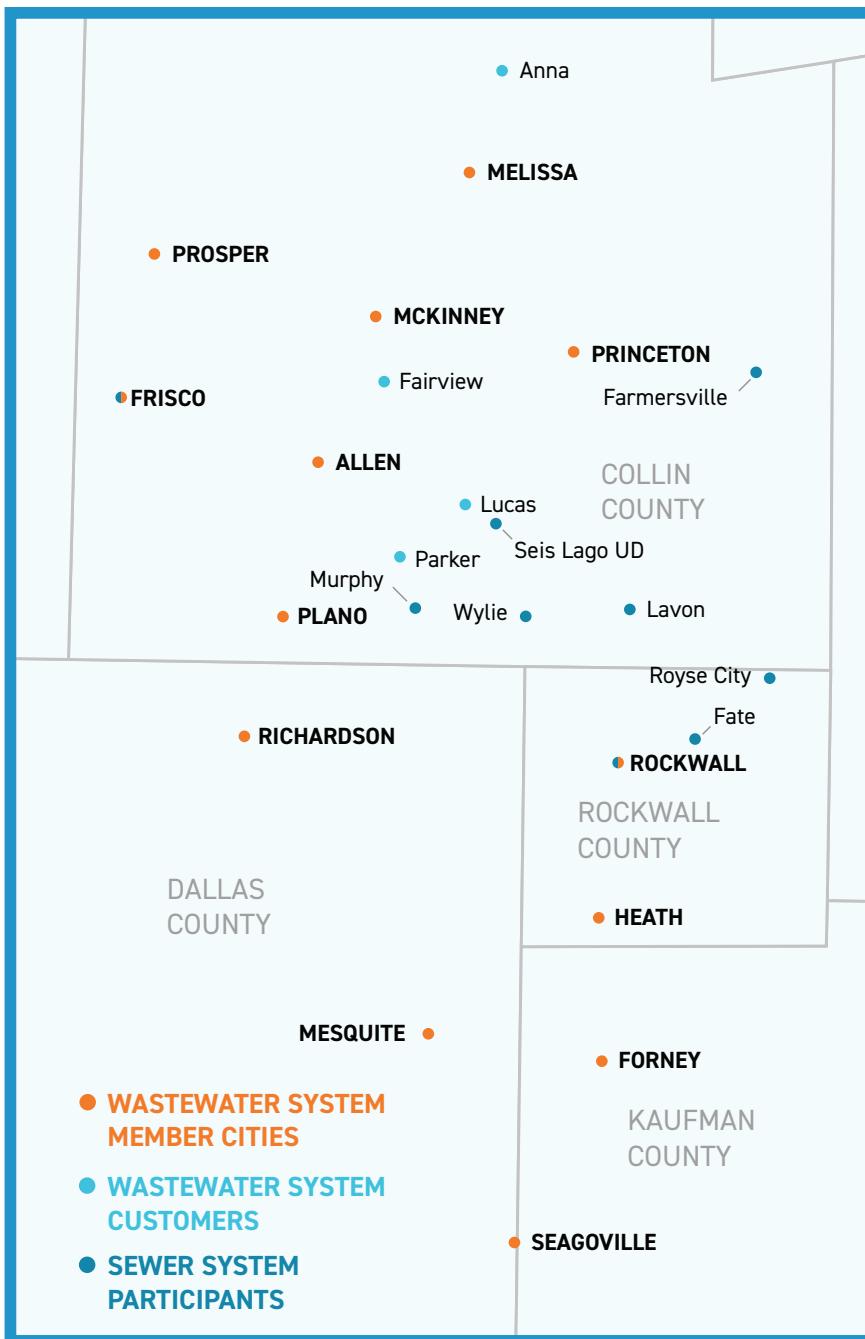
\$421.3
MILLION

In regional wastewater, conveyance & sewer system Capital Improvement Program projects



46

BILLION
estimated gallons of wastewater flows

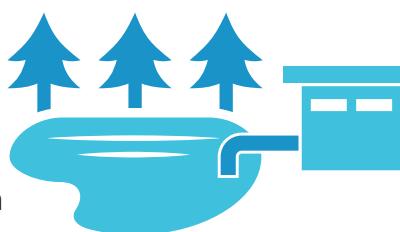


236
MILES
large-diameter wastewater pipelines

179.5 MGD
(MILLION GALLONS/DAY)
average annual wastewater treatment capacity



Around
15 BILLION
Gallons projected
to be treated through
wetland for reuse



Typically
20 BILLION
Gallons treated wastewater returned to Lavon Lake for reuse each year

*Includes Sister Grove Regional Water Resource Recovery Facility under construction.

Sister Grove RWWRF Construction

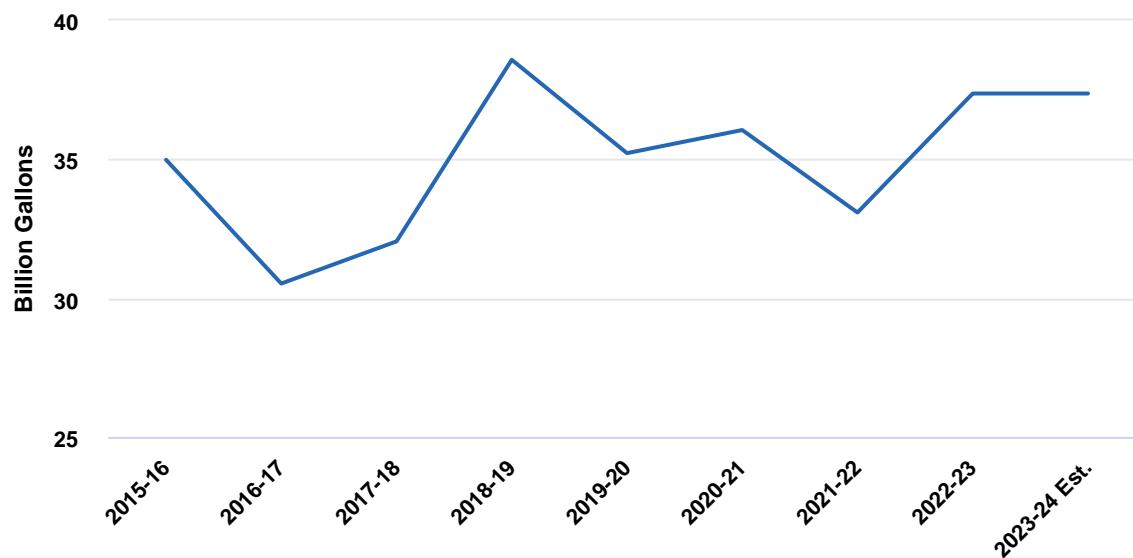


Regional Wastewater System

The Regional Wastewater System (RWWS) provides proper wastewater management in full accordance with both state and federal regulations. The wastewater treatment facilities provide the equally important other half of the District's water equation, which is essential to protecting the public health, protecting and enhancing the water environment and supporting economic development.

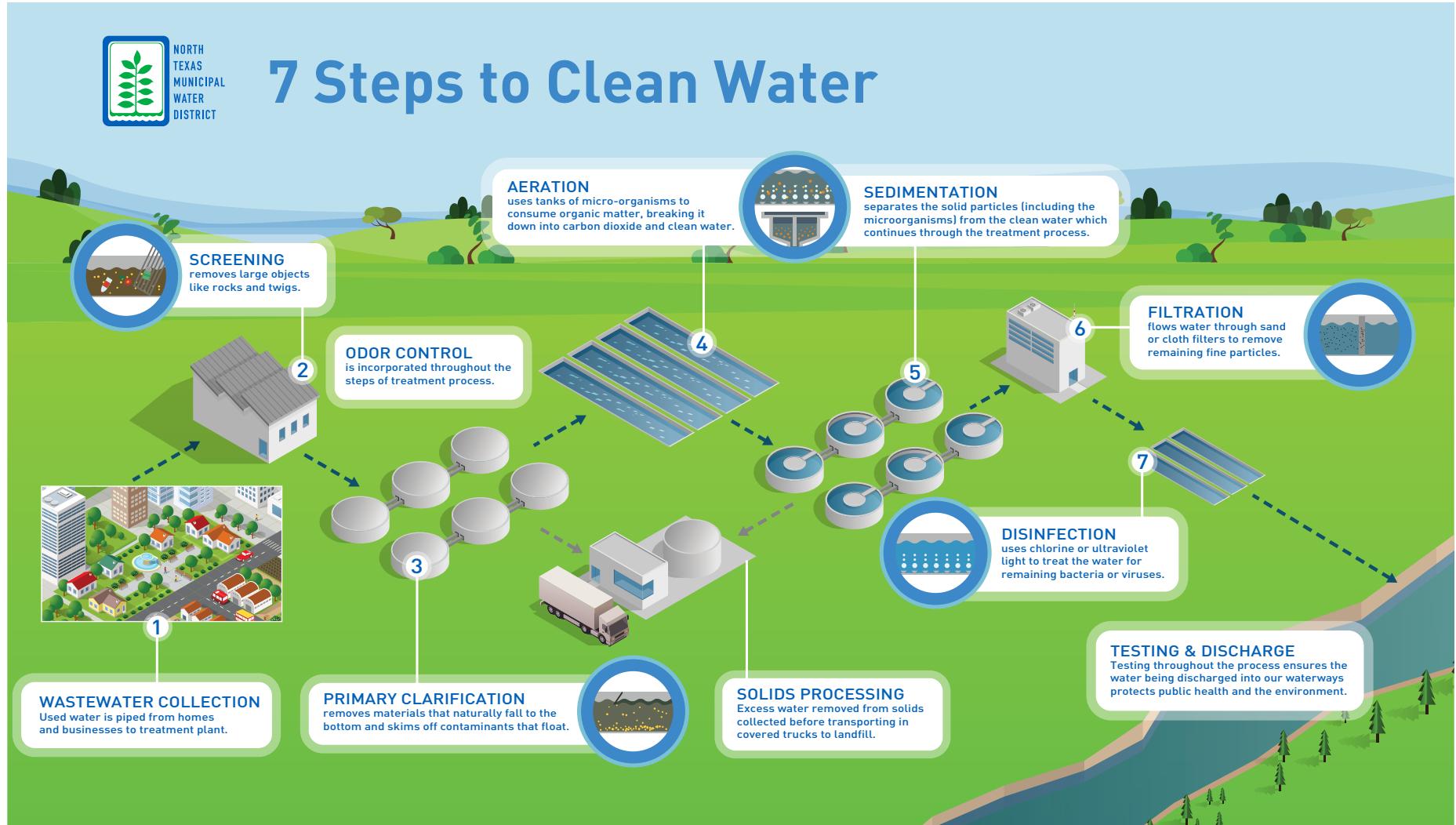
The RWWS provides wholesale wastewater services to nearly 1.4 million residents for the thirteen Member Cities of Allen, Forney, Frisco, Heath, McKinney, Melissa, Mesquite, Plano, Princeton, Prosper, Richardson, Rockwall and Seagoville as well as other Customers in North Texas. Regional service allows communities to share costs and avoid building and maintaining separate facilities and systems, providing cost efficiencies. The District treats the majority of wastewater flows at five Regional Wastewater Treatment Plants (RWWT). Wastewater conveyance (interceptors) systems transport wastewater to these treatment plants through more than 236 miles of large-diameter wastewater pipelines. The plants process and treat up to 179.5 MGD of wastewater. In FY22, 33.1 billion gallons of wastewater were billed for treatment by the Regional Wastewater System.

REGIONAL WASTEWATER ANNUAL FLOWS



Treatment

Wastewater comes from many sources like showers, sinks, dishwashers, laundry, toilets, car washes, hospitals and more. In studies done by the U.S. Environmental Protection Agency, Americans produce up to 100 gallons of wastewater each day. This equals about 1,600 glasses of water. Over 99.9% of wastewater is water while the remaining less than 0.1% consists of solids, chemicals, nutrients, fats and other pollutants. Once through the treatment process, the cleaned water meets or surpasses all regulatory requirements and is released back into local waterways to blend with larger water supply sources as well as be used for irrigation and to sustain aquatic life.



Revenues and Expenditures

Category	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues	\$ 85,340,767	\$ 97,359,870	\$ 97,346,400	\$ 108,374,210	\$ 11,014,340	11.3%

Expenditures

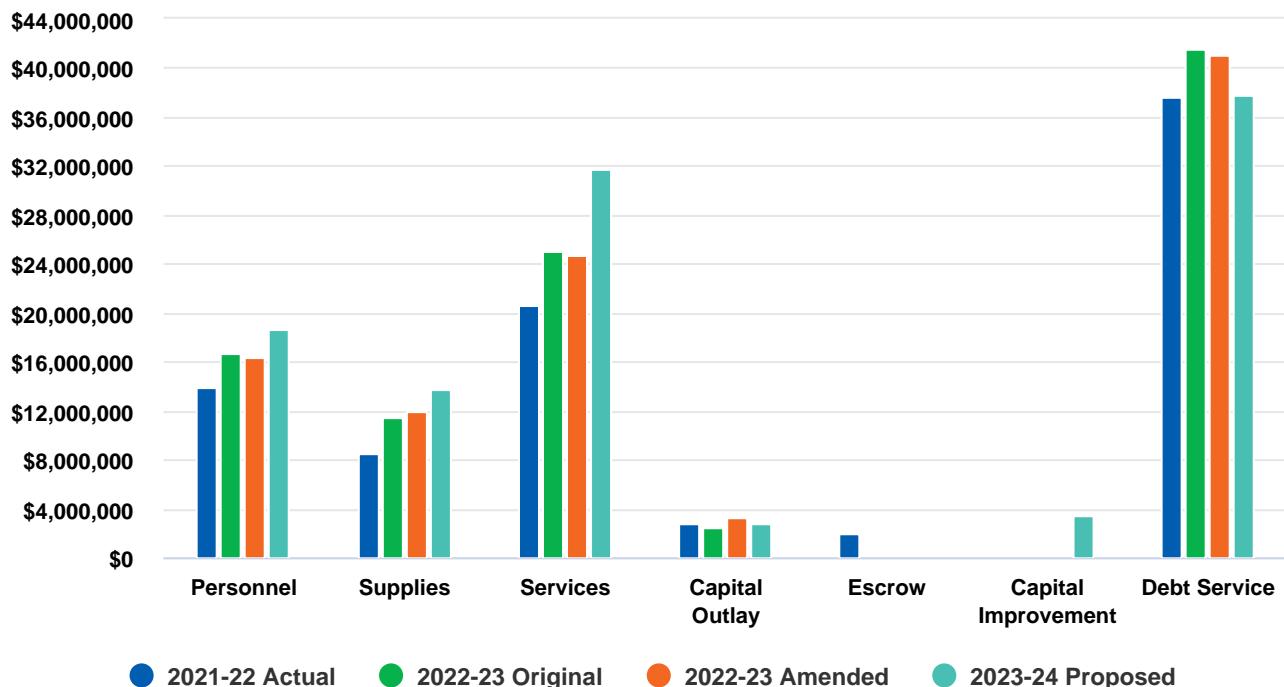
Personnel	\$ 13,878,942	\$ 16,746,445	\$ 16,396,040	\$ 18,688,480	\$ 1,942,035	11.6%
Supplies	8,425,898	11,432,545	11,868,400	13,805,105	2,372,560	20.8%
Services	20,627,982	25,067,190	24,637,585	31,779,895	6,712,705	26.8%
Capital Outlay	2,773,041	2,491,205	3,321,890	2,786,800	295,595	11.9%
Escrow	2,024,350	-	-	-	-	0.0%
Debt Service	37,610,554	41,622,485	41,122,485	41,313,930	(308,555)	-0.7%
Total	\$ 85,340,767	\$ 97,359,870	\$ 97,346,400	\$ 108,374,210	\$ 11,014,340	11.3%

The FY23 Amended Budget for expenditures and revenues totals \$97,346,400, which is \$13,470 or 0.0% less than the FY23 Original Budget of \$97,359,870.

For the FY24 Annual Budget, the total RWWS expenditures are \$108,374,210 which is \$11,014,340 or 11.3% greater than the FY23 Original Budget. Major budget variances are explained below:

- Increase in Personnel of \$1,942,035 due to the higher insurance and retirement costs. Wages increased due to the addition of 4.5 new positions, three at South Mesquite RWWTP and one for Floyd Branch RWWTP. There will also be a shared training and development position between the RWS and RWWS.
- Increase in Supplies of \$2,372,560 primarily due to higher prices on chemicals, bi-annual carbon change out for the headworks at Wilson Creek and changes to chemicals used.
- Increase in Services of \$6,712,705 due to higher Shared Services allocation and the increased cost for commercial property insurance due to higher property valuations. Landfill Service Fees, Equipment Maintenance and Electric Power also saw significant increases that are attributable to the Sister Grove plant being open.

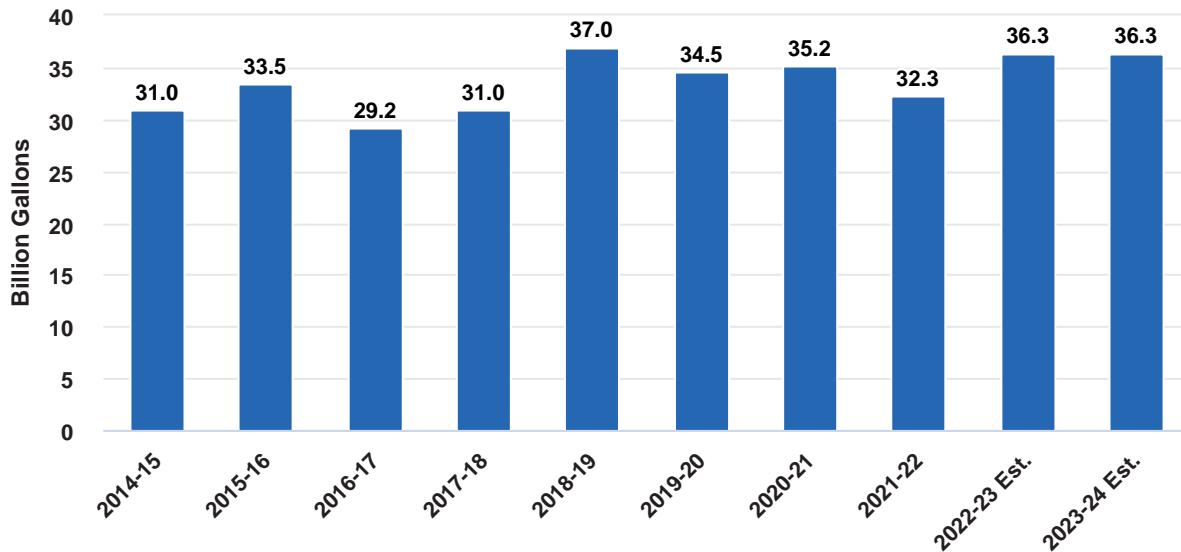
RWWS EXPENDITURES



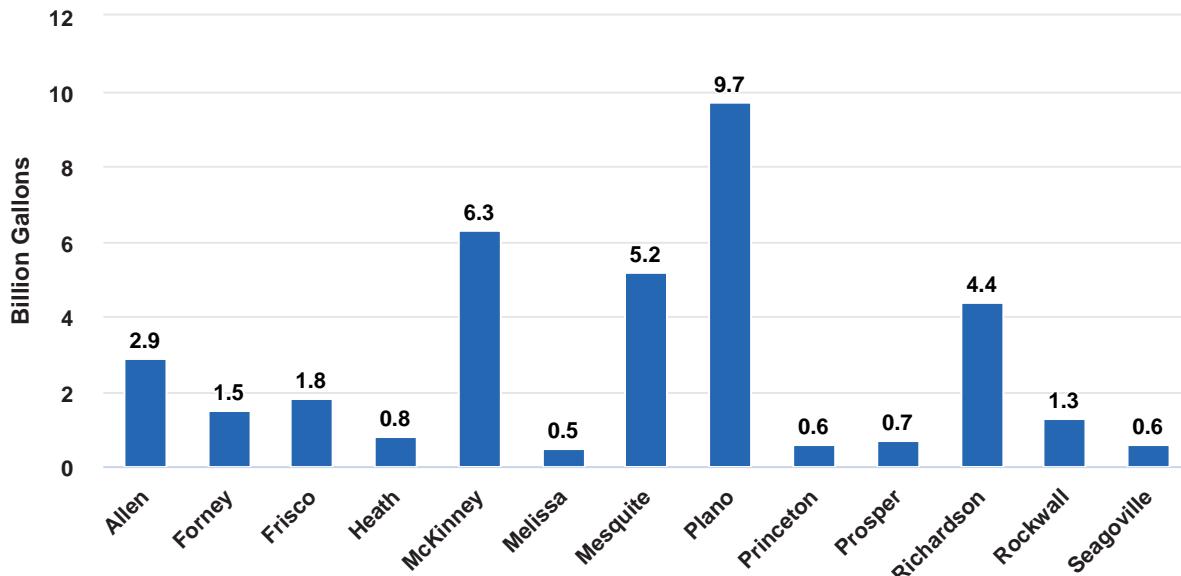
Regional Wastewater System Flows

Finance compiles the actual flows for each of the four regional wastewater treatment plants based on data provided in monthly reports by RWWS management. Member City annual flows for the amended FY23 budget were 36.3 billion gallons. Annual Member City flows for FY24 are estimated to be 36.3 billion gallons.

REGIONAL WASTEWATER MEMBER CITY FLOWS



PROPOSED BUDGET ESTIMATED FLOWS BY MEMBER CITIES



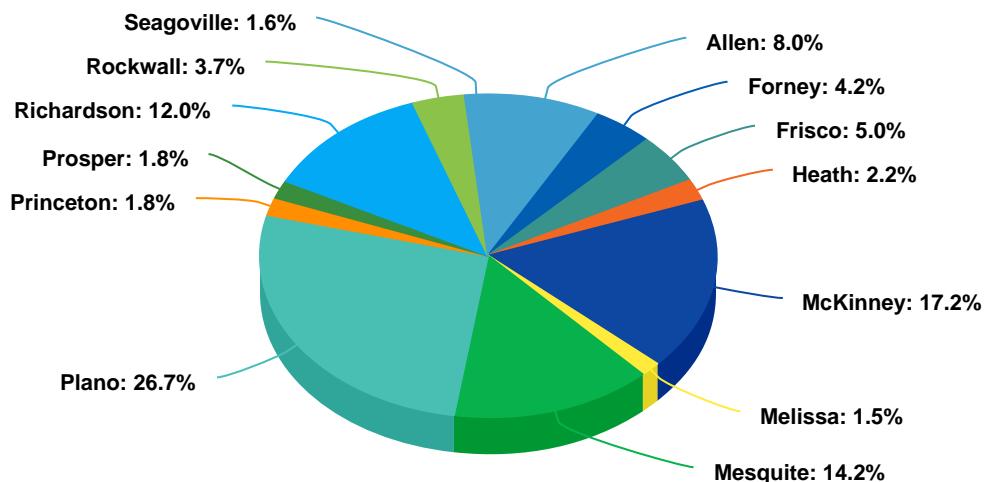
Budgeted Member City flows are the greater of forecasted flows or required minimums.

Cost Allocation for Member Cities

The Regional Wastewater System and its wastewater treatment plants have been acquired or constructed under a common bond pledge. Member Cities share the cost for wastewater treatment on the basis of proportional flow considering all five regional plants. Charges are based on current budgeted expenditures and are allocated to each city at the beginning of the year based on estimated flows. At the end of the year, the actual cost for each city is determined based on actual flows and final billings are adjusted accordingly.

Cost allocation by Member City based on flows for the FY24 Budget is presented below:

PROPOSED BUDGET MEMBER CITY COST ALLOCATION



The total charges to be allocated to the Member Cities for FY24 are \$103,623,315 after deducting interest and other revenue in the estimated amount of \$4,750,895 from the proposed budget of \$108,374,210.

City	2021-22		2022-23		2022-23		2023-24	
	Actual		Original Budget		Amended Budget		Proposed Budget	
Allen	\$ 6,553,551		\$ 7,383,567		\$ 7,368,891		\$ 8,314,626	
Forney	3,162,118		3,112,631		3,875,724		4,373,141	
Frisco	4,674,081		5,548,487		4,608,321		5,199,761	
Heath	993,931		1,133,917		2,009,283		2,267,158	
McKinney	14,787,089		16,611,742		15,821,152		17,851,665	
Melissa	1,097,053		1,248,288		1,345,427		1,518,102	
Mesquite	11,408,632		13,704,714		13,080,701		14,759,500	
Plano	22,583,258		26,720,207		24,513,339		27,659,420	
Princeton	1,091,635		1,090,952		1,640,752		1,851,329	
Prosper	1,465,971		1,633,770		1,647,320		1,858,740	
Richardson	9,413,130		10,529,602		11,034,888		12,451,123	
Rockwall	3,297,117		3,658,867		3,395,073		3,830,803	
Seagoville	1,502,761		1,516,921		1,495,954		1,687,947	
Total	\$ 82,030,329		\$ 93,893,665		\$ 91,836,825		\$ 103,623,315	
Flows (1,000)		32,276,951		36,600,000		36,300,000		36,300,000
Member Cost per 1,000	\$ 2.54		\$ 2.57		\$ 2.53		\$ 2.85	

RWWS Fund Balances**Capital Improvement Fund****Projected Balance:**

07/31/23	Fund Balance	\$ 3,128,532
	Remaining Payments to be made on Authorized Projects	(350,283)
	Remaining Budgeted Transfers from Operating Fund	-
09/30/23	Balance Available for Future Projects	<u>2,778,248</u>
	Balance Transfers from Operating Fund	3,500,000
	Expected Projects	-
	Interest Income	60,085
09/30/24	Balance Available for Future Projects	<u>\$ 6,338,334</u>

Reserve for Maintenance Fund**Projected Balance:**

09/30/23	Expected Fund Balance	\$ 2,475,733
	Balance Transfers from Operating Fund	-
	Expected Projects	-
	Interest Income	53,543
09/30/24	Balance Available for Future Projects	<u>\$ 2,529,276</u>

Preventative Maintenance Escrow**Projected Balance:**

09/30/23	Expected Fund Balance	\$ 475,385
	Balance Transfers from Operating Fund	-
	Expected Projects	-
	Interest Income	10,281
09/30/24	Balance Available for Future Projects	<u>\$ 485,667</u>

Regional Wastewater Treatment Plants (RWWTP)

5070 – Sister Grove Regional Water Resource Recovery Facility (RWRRF)

Due to unprecedeted growth in the service area, the District is building the Sister Grove RWRRF in New Hope, Texas. In April of 2020, the District received the wastewater permit from the TCEQ. The facility is currently under construction.

5080 – Wilson Creek RWWTP

The Wilson Creek RWWTP is a 64 MGD plant that utilizes conventional activated sludge and Biological Nutrient Removal (BNR) treatment with advanced tertiary treatment. The plant is located at 3020 Orr Road in Allen and discharges treated wastewater into Lavon Lake. Wilson Creek RWWTP serves the Cities of Allen, Frisco, McKinney, Melissa, Plano, Princeton, Prosper, Anna, Lucas and Parker.

5090 – Floyd Branch RWWTP

The Floyd Branch RWWTP is a 4.75 MGD activated sludge and trickling filter plant. The plant is located at 111 W. Buckingham in Richardson treating wastewater for the City of Richardson. The plant discharges treated wastewater into Floyd Branch, a tributary of White Rock Lake.

5100 – Rowlett Creek RWWTP

The Rowlett Creek RWWTP is a 24 MGD conventional activated sludge plant, located at 1401 Los Rios Blvd. in Plano. The plant treats wastewater for Plano and Richardson and discharges into Rowlett Creek, a tributary of Lake Ray Hubbard.

5180 – Mesquite RWWTP

The Mesquite RWWTP is a 33 MGD conventional activated sludge treatment and BNR removal plant located at 3500 Lawson Road in Mesquite. It treats wastewater for the Cities of Forney, Heath, Mesquite, Rockwall and Seagoville. Plant effluent is discharged into South Mesquite Creek, which flows into the East Fork of the Trinity River.

Sister Grove RWRRF

Overview

The Sister Grove Regional Water Resource Recovery Facility (RWRRF) is being constructed with an initial average annual daily treatment capacity of 16 MGD. The plant is located north of the Town of New Hope. The plant will include liquid treatment process facilities, solids handling process facilities, ultraviolet (UV) disinfection, peak flow handling facilities and plant operations support facilities. The project also consists of approximately 21,659 linear feet of 96-inch diameter pipeline from the facility site to the outfall at Stiff Creek.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Apply proven technologies and processes to reliably and efficiently meet or surpass regulatory requirements.
- Leverage NTMWD's computerized maintenance management system (CMMS) to increase equipment reliability, effectiveness and efficiency and reduce equipment downtime and failures.
- Produce and maintain a five-year plan to meet wastewater treatment needs today and in the future.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- The plant discharges into Lavon Lake under the following permit limits:
 - 5 mg/L CBOD, 5mg/L TSS, 1.3-3 (seasonal) mg/L Ammonia, and Total Phosphorus not to exceed annual mass loading of 53,576 pounds / year
- Manage budgets in a disciplined and transparent manner.
- Continually evaluate technologies and processes that could improve water quality, lower costs or improve operational efficiency.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Continue to collaborate with cities served through increased dialogue and partnering efforts.
- Continue to operate plants in a manner that maintains a good neighbor status.
- Engage and communicate with cities served regarding wastewater services provided and future needs.

People: Build a talented, competent and committed team

- Continue to invest in comprehensive employee training and development programs.
- Provide safe facilities and working conditions.
- Attract and retain a highly qualified workforce through enhanced recruitment and competitive compensation.

Major Budget Drivers

- New Department Initiation
- Personnel
- Equipment / Supplies / Services

Position Summary

Sister Grove RWRRF

Full-Time Positions	FY23	FY24	Difference
Information Systems Assistant	1.00	1.00	-
Lead Wastewater Plant Operator	3.00	3.00	-
Mechanic's Assistant	1.00	1.00	-
Wastewater Mechanic	1.00	1.00	-
Wastewater Plant Operator II	7.00	7.00	-
Wastewater Plant Operator III	6.00	6.00	-
Wastewater Plant Supervisor I	1.00	1.00	-
Wastewater Plant Supervisor II	1.00	1.00	-
Total Full-Time Positions	21.0	21.0	-

Expense Detail

Sister Grove RWRRF	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 209,765	\$ 1,218,725	\$ 812,605	\$ 1,430,885	\$ 212,160	17.4%
511060 - Overtime	9,757	10,000	20,000	20,000	10,000	100.0%
512000 - Social Security	16,269	93,245	62,690	109,470	16,225	17.4%
513000 - Workers' Comp Ins	4,196	25,620	13,985	22,925	(2,695)	-10.5%
513020 - Hospitalization Ins	29,533	210,940	210,940	287,570	76,630	36.3%
513040 - Dental Ins	1,112	6,860	4,940	11,820	4,960	72.3%
513060 - Life Ins	504	3,140	1,765	3,125	(15)	-0.5%
513070 - LT Disability Ins	-	-	2,865	5,545	5,545	0.0%
514000 - Retirement	61,625	172,230	219,925	237,510	65,280	37.9%
514010 - Retiree - Insurance	19,790	56,300	70,470	73,710	17,410	30.9%
514020 - Comp Absences-vacation	-	-	-	830	830	0.0%
515000 - Cell Phone Stipend	1,360	10,080	5,200	10,440	360	3.6%
Personnel Total	\$ 353,913	\$ 1,807,140	\$ 1,425,385	\$ 2,213,830	\$ 406,690	22.5%
Supplies						
520100 - Office Supplies	\$ 302	\$ 31,500	\$ 31,500	\$ 35,260	\$ 3,760	11.9%
520110 - Computer Supplies	13,068	49,120	34,120	30,050	(19,070)	-38.8%
520300 - Clothing Supplies	5,533	15,510	15,510	20,675	5,165	33.3%
520600 - Fuel, Oil and Lube	894	2,095	2,095	29,035	26,940	1285.9%
520610 - Generator Fuel	-	5,000	-	75,600	70,600	1412.0%
520630 - Toll Fees	-	250	250	1,530	1,280	512.0%
520700 - Machine Oil & Lube	-	-	-	3,305	3,305	0.0%
520800 - Small Tools & Equip	766	69,750	59,750	40,250	(29,500)	-42.3%
520810 - Fire Extinguishers	-	100	100	450	350	350.0%
520900 - Janitorial Supplies	-	1,000	1,000	2,000	1,000	100.0%
521000 - Laboratory Supplies	-	6,500	6,500	18,355	11,855	182.4%
521100 - Medical Supplies	-	150	150	5,675	5,525	3683.3%
521110 - Safety Supplies	5,658	29,375	26,875	33,705	4,330	14.7%
521200 - Chem - Other	-	-	-	5,805	5,805	0.0%
521209 - Chem - Polymers	-	-	-	58,770	58,770	0.0%
521210 - Chem - Hypochlorite	-	-	-	34,800	34,800	0.0%
521212 - Chem - Liq Ferr Sulfate	-	-	-	30,900	30,900	0.0%
521214 - Chem - Caustic	-	-	-	22,780	22,780	0.0%

Expense Detail (continued)

Sister Grove RWRRF	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
521300 - Botanical Supplies	\$ -	\$ -	\$ -	\$ 10,000	\$ 10,000	0.0%
521400 - Electrical Supplies	-	-	-	26,750	26,750	0.0%
521500 - Mechanical Supplies	-	-	-	25,500	25,500	0.0%
521700 - Building Supplies	-	-	-	4,750	4,750	0.0%
521900 - Vehicle Supplies	15	3,250	1,905	9,270	6,020	185.2%
521910 - Tires and Tubes	-	1,400	900	7,880	6,480	462.9%
522000 - Equipment Supplies	-	-	-	2,500	2,500	0.0%
522100 - Welding Supplies	-	-	-	5,000	5,000	0.0%
523000 - Other Supplies	581	12,500	12,500	19,250	6,750	54.0%
Supplies Total	\$ 26,818	\$ 227,500	\$ 193,155	\$ 559,845	\$ 332,345	146.1%
Services						
530300 - Automotive Insurance	\$ 414	\$ 3,035	\$ 3,035	\$ 4,430	\$ 1,395	46.0%
530400 - Fire & Exten Cov Ins	-	75,285	-	400,000	324,715	431.3%
530900 - General Liability Ins	7,531	33,350	33,350	26,585	(6,765)	-20.3%
531020 - Internet Service	267	1,980	1,980	26,630	24,650	1244.9%
531100 - Electric Power	-	4,000	-	663,000	659,000	16475.0%
531120 - Retail Water Service	-	1,000	-	7,200	6,200	620.0%
531300 - Engin/Consultant Svc	-	10,000	-	55,000	45,000	450.0%
531310 - Special Studies & Rpts	2,317	10,000	10,000	21,000	11,000	110.0%
531400 - Legal Service	-	20,000	10,000	20,000	-	0.0%
531700 - Advertising	-	15,300	15,300	8,600	(6,700)	-43.8%
531800 - Rent or Lease Payment	-	30,500	40,500	47,400	16,900	55.4%
531900 - Travel and Training	893	10,590	8,090	31,030	20,440	193.0%
532000 - Mem & Subscriptions	105	105	205	4,480	4,375	4166.7%
532100 - Vehicle Maint	17	1,000	1,000	1,000	-	0.0%
532110 - Veh Maint by Solid Waste	115	-	350	5,000	5,000	0.0%
532200 - Equipment Maintenance	-	-	-	70,500	70,500	0.0%
532800 - Grounds Maintenance	2,940	15,000	15,000	30,000	15,000	100.0%
532850 - Building Maintenance	-	-	-	9,500	9,500	0.0%
533000 - Other Services	575	12,500	12,500	54,500	42,000	336.0%
533030 - Contractual Safety Serv	-	-	-	21,500	21,500	0.0%
533500 - Lab Svc - Contract	-	-	-	10,050	10,050	0.0%
533630 - Landfill Service Fees	-	-	-	123,035	123,035	0.0%
533900 - Permits, Ins, & Lic Fees	26,348	27,140	27,140	27,140	-	0.0%
Shared Services	386,703	959,670	876,535	1,568,210	608,540	63.4%
Services Total	\$ 428,224	\$ 1,230,455	\$ 1,054,985	\$ 3,235,790	\$ 2,005,335	163.0%
Capital Outlay						
540300 - Vehicle Equipment	\$ 51,983	\$ 464,405	\$ 469,110	\$ 392,000	\$ (72,405)	-15.6%
540700 - Non-Vehicle Equipment	-	60,000	47,250	45,000	(15,000)	-25.0%
Capital Outlay Total	\$ 51,983	\$ 524,405	\$ 516,360	\$ 437,000	\$ (87,405)	-16.7%
Grand Total	\$ 860,937	\$ 3,789,500	\$ 3,189,885	\$ 6,446,465	\$ 2,656,965	70.1%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$2,656,965 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- Overall increase in Supplies and Services due to the facility expected to be in operation late in the year

Wilson Creek RWWTP

Overview

The Wilson Creek Regional Wastewater Treatment Plant is a 64 MGD plant located at 3020 Orr Road in Allen, Texas that treats wastewater utilizing activated sludge and biological nutrient removal treatment along with the advanced tertiary treatment. The plant utilizes chlorine as well as UV for disinfection. Wilson Creek RWWTP provides wastewater treatment for the following cities: Allen, Frisco, McKinney, Melissa, Plano, Princeton, Prosper, Anna, Lucas and Parker.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Apply proven technologies and processes to reliably and efficiently meet or surpass regulatory requirements.
- Leverage NTMWD's computerized maintenance management system (CMMS) to increase equipment reliability, effectiveness and efficiency and reduce equipment downtime and failures.
- Produce and maintain a five-year plan to meet wastewater treatment needs today and in the future.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- The plant discharges into Lavon Lake under the following permit limits:
 - 5 mg/L CBOD, 5mg/L TSS, 2 mg/L Ammonia and 0.5 mg/L Phosphorus
- Manage budgets in a disciplined and transparent manner.
- Continually evaluate technologies and processes that could improve water quality, lower costs or improve operational efficiency.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Continue to collaborate with cities served through increased dialogue and partnering efforts.
- Continue to operate plants in a manner that maintains a good neighbor status.
- Engage and communicate with cities served regarding wastewater services provided and future needs.

People: Build a talented, competent and committed team

- Continue to invest in comprehensive employee training and development programs.
- Provide safe facilities and working conditions.
- Attract and retain a highly qualified workforce through enhanced recruitment and competitive compensation.

Major Budget Drivers

- Chemicals for treatment
- Personnel / Overtime
- Electric Power
- Major equipment rehab/replacement

Position Summary

Wilson Creek RWWTP

Full-Time Positions	FY23	FY24	Difference
Assistant Deputy (Wastewater)	1.0	1.0	-
Assistant Regional Wastewater System Manager	1.0	1.0	-
Information Systems Assistant	2.0	2.0	-
Lead Maintenance Technician	1.0	1.0	-
Lead Transport Driver	1.0	1.0	-
Lead Wastewater Plant Operator	5.0	5.0	-
Maintenance Planner Scheduler	1.0	1.0	-
Mechanic's Assistant	3.0	3.0	-
Operations Training & Development Manager	0.5	0.5	-
Operations Training & Development Specialist	0.5	1.0	0.5
Professional Engineer	1.0	1.0	-
Transport Driver	11.0	11.0	-
Wastewater Maintenance Supervisor	1.0	1.0	-
Wastewater Mechanic	3.0	3.0	-
Wastewater Plant Operator II	19.0	19.0	-
Wastewater Plant Operator III	10.0	10.0	-
Wastewater Plant Supervisor I	1.0	1.0	-
Wastewater Plant Supervisor II	1.0	1.0	-
Wastewater Plant Supervisor III	1.0	1.0	-
Wastewater Project Coordinator	1.0	1.0	-
Total Full-Time Positions	65.0	65.5	0.5

Expense Detail

Wilson Creek RWWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 3,574,814	\$ 4,282,005	\$ 4,013,605	\$ 4,419,940	\$ 137,935	3.2%
511060 - Overtime	574,245	400,000	450,000	400,000	-	0.0%
512000 - Social Security	302,026	327,565	328,165	338,125	10,560	3.2%
513000 - Workers' Comp Ins	71,640	78,975	66,240	67,505	(11,470)	-14.5%
513020 - Hospitalization Ins	912,878	1,011,135	1,011,135	1,152,750	141,615	14.0%
513040 - Dental Ins	40,495	44,585	40,090	46,055	1,470	3.3%
513060 - Life Ins	8,861	10,535	9,295	9,515	(1,020)	-9.7%
513070 - LT Disability Ins	-	-	12,195	16,955	16,955	0.0%
514000 - Retirement	608,910	597,180	762,565	800,830	203,650	34.1%
514010 - Retiree - Insurance	195,525	195,215	244,355	248,540	53,325	27.3%
514020 - Comp Absences-vacation	41,350	40,330	40,330	40,845	515	1.3%
514030 - Comp Absences-sick	-	16,010	16,010	75,975	59,965	374.5%
515000 - Cell Phone Stipend	23,647	28,190	27,195	29,190	1,000	3.5%
Personnel Total	\$ 6,354,393	\$ 7,031,725	\$ 7,021,180	\$ 7,646,225	\$ 614,500	8.7%

Supplies

520100 - Office Supplies	\$ 12,967	\$ 7,100	\$ 7,100	\$ 8,735	\$ 1,635	23.0%
520110 - Computer Supplies	51,596	34,975	34,975	54,795	19,820	56.7%
520200 - Xerox Supplies	4,376	-	-	-	-	0.0%
520300 - Clothing Supplies	26,796	32,695	32,695	35,475	2,780	8.5%
520600 - Fuel, Oil and Lube	318,265	425,115	425,115	425,085	(30)	0.0%

Expense Detail (continued)

Wilson Creek RWWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
520610 - Generator Fuel	\$ 40,386	\$ 88,400	\$ 48,400	\$ 61,200	\$ (27,200)	-30.8%
520630 - Toll Fees	11,843	14,555	14,555	14,545	(10)	-0.1%
520700 - Machine Oil & Lube	27,988	22,675	22,675	27,350	4,675	20.6%
520800 - Small Tools & Equip	37,446	49,730	49,730	46,530	(3,200)	-6.4%
520810 - Fire Extinguishers	-	750	750	750	-	0.0%
520900 - Janitorial Supplies	8,359	10,000	10,000	10,000	-	0.0%
521000 - Laboratory Supplies	27,213	33,845	33,845	36,545	2,700	8.0%
521100 - Medical Supplies	3,252	5,240	5,240	5,240	-	0.0%
521110 - Safety Supplies	41,908	57,265	57,265	50,250	(7,015)	-12.3%
521200 - Chem - Other	359,573	92,400	92,400	365,280	272,880	295.3%
521203 - Chem - Chlorine	183,063	330,480	330,480	476,400	145,920	44.2%
521208 - Chem - Ferric Chloride	62,902	115,000	115,000	115,000	-	0.0%
521209 - Chem - Polymers	1,004,692	1,454,850	1,454,850	1,419,500	(35,350)	-2.4%
521210 - Chem - Hypochlorite	30,685	105,250	105,250	51,615	(53,635)	-51.0%
521211 - Chem - Sulfur Dioxide	95,248	121,680	121,680	182,520	60,840	50.0%
521212 - Chem - Liq Ferr Sulfate	397,093	475,200	800,200	633,220	158,020	33.3%
521214 - Chem - Caustic	-	3,635	3,635	4,185	550	15.1%
521300 - Botanical Supplies	10,308	15,500	15,500	15,500	-	0.0%
521400 - Electrical Supplies	404,807	676,690	401,690	551,690	(125,000)	-18.5%
521500 - Mechanical Supplies	537,418	597,750	597,750	645,450	47,700	8.0%
521700 - Building Supplies	25,497	13,000	13,000	15,250	2,250	17.3%
521900 - Vehicle Supplies	107,840	126,530	126,530	135,275	8,745	6.9%
521910 - Tires and Tubes	84,144	89,440	89,440	134,125	44,685	50.0%
522000 - Equipment Supplies	62,940	88,820	88,820	82,360	(6,460)	-7.3%
522100 - Welding Supplies	4,888	6,050	6,050	6,200	150	2.5%
522200 - Road Maint Supplies	1,450	10,000	10,000	20,000	10,000	100.0%
523000 - Other Supplies	156,155	215,605	215,605	219,150	3,545	1.6%
Supplies Total	\$ 4,141,100	\$ 5,320,225	\$ 5,330,225	\$ 5,849,220	\$ 528,995	9.9%
Services						
530300 - Automotive Insurance	\$ 65,050	\$ 68,995	\$ 68,995	\$ 78,660	\$ 9,665	14.0%
530400 - Fire & Exten Cov Ins	66,884	83,535	164,735	406,400	322,865	386.5%
530900 - General Liability Ins	16,084	5,670	5,670	3,640	(2,030)	-35.8%
531000 - Telephone	20,786	6,900	21,900	20,400	13,500	195.7%
531020 - Internet Service	178,632	180,270	180,270	179,960	(310)	-0.2%
531100 - Electric Power	1,266,982	1,482,000	1,482,000	1,518,000	36,000	2.4%
531120 - Retail Water Service	599	6,720	6,720	10,200	3,480	51.8%
531200 - Bank Service Fees	3,057	1,000	1,000	1,000	-	0.0%
531300 - Engin/Consultant Svc	80,065	-	17,000	50,000	50,000	0.0%
531310 - Special Studies & Rpts	92,293	80,000	80,000	237,400	157,400	196.8%
531400 - Legal Service	62,701	115,000	115,000	122,750	7,750	6.7%
531520 - Employee Programs	47	-	35	-	-	0.0%
531700 - Advertising	1,812	300	300	300	-	0.0%
531800 - Rent or Lease Payment	23,842	54,025	34,025	53,945	(80)	-0.1%
531900 - Travel and Training	46,254	39,885	39,885	56,860	16,975	42.6%
532000 - Mem & Subscriptions	37,772	19,225	19,225	19,890	665	3.5%

Expense Detail (continued)

Wilson Creek RWWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services (continued)						
532100 - Vehicle Maint	\$ 28,562	\$ 40,000	\$ 40,000	\$ 40,000	\$ -	0.0%
532110 - Veh Maint by Solid Waste	73,457	95,000	95,000	95,000	\$ -	0.0%
532200 - Equipment Maintenance	349,202	398,000	348,000	758,490	360,490	90.6%
532700 - Radio Maintenance	330	-	-	-	-	0.0%
532800 - Grounds Maintenance	86,142	74,645	74,645	138,080	63,435	85.0%
532850 - Building Maintenance	1,306	15,800	45,800	15,800	-	0.0%
532900 - Electrical Sys Maint	108,396	145,000	102,000	201,500	56,500	39.0%
533000 - Other Services	788,157	1,118,900	1,068,900	332,480	(786,420)	-70.3%
533030 - Contractual Safety Serv	-	13,375	13,375	51,000	37,625	281.3%
533100 - Administration	38,555	77,105	77,105	-	(77,105)	-100.0%
533380 - Odor Control Crew	6,276	35,000	15,000	35,000	-	0.0%
533500 - Lab Svc - Contract	7,777	14,880	14,880	14,880	-	0.0%
533630 - Landfill Service Fees	1,581,943	1,677,800	1,677,800	2,055,690	377,890	22.5%
533900 - Permits, Ins, & Lic Fees	140,377	147,000	132,000	147,000	-	0.0%
534000 - Uninsured losses	(23,869)	-	13,100	-	-	0.0%
Shared Services	3,767,537	4,148,545	4,176,785	5,696,725	1,548,180	37.3%
Services Total	\$ 8,917,008	\$ 10,144,575	\$ 10,131,150	\$ 12,341,050	\$ 2,196,475	21.7%
Capital Outlay						
540200 - Building	\$ 176,312	\$ 30,000	\$ 176,410	\$ 365,000	\$ 335,000	1116.7%
540300 - Vehicle Equipment	596,487	423,500	945,910	17,000	(406,500)	-96.0%
540500 - Machinery	333,312	423,500	423,500	607,500	184,000	43.4%
540700 - Non-Vehicle Equipment	119,633	239,000	239,000	72,500	(166,500)	-69.7%
542000 - Other Capital Outlay	-	-	-	175,000	175,000	0.0%
Capital Outlay Total	\$ 1,225,744	\$ 1,116,000	\$ 1,784,820	\$ 1,237,000	\$ 121,000	10.8%
Grand Total	\$ 20,638,244	\$ 23,612,525	\$ 24,267,375	\$ 27,073,495	\$ 3,460,970	14.7%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$3,460,970 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- An overall increase in Chemicals due to higher prices
- Fire & Extended Coverage Insurance increased due to higher commercial property insurance premiums
- Special Studies & Reports increased for a Hydromantis plant model development and a per-and polyfluoroalkyl substances (PFAS) monitoring data review
- Equipment Maintenance increased as a result of reallocating all service agreements from Other Services account
- Landfill Service Fees is higher due to increased disposal costs and additional loads
- Shared Services allocation increased for FY24
- Building expenses increased to build a maintenance storage warehouse, replace the shade canopy at the operations building and for sidewalk and access roads concrete repairs
- Machinery is higher to replace a grit classifier, replace a bullgear assembly for clarifier unit and purchase spare pumps needed for the ferric and polymer feed systems
- Other Capital Outlay increased for washdown station for trucks to help with odor per the Oversight Committee agreement

Floyd Branch RWWTP

Overview

The Floyd Branch Regional Wastewater Treatment Plant is a 4.75 MGD activated sludge plant located at 111 W. Buckingham in Richardson, Texas. The plant utilizes activated sludge and bio-mag treatment technology and UV for disinfection. This plant serves the City of Richardson.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Apply proven technologies and processes to reliably and efficiently meet or surpass regulatory requirements.
- Leverage NTMWD's computerized maintenance management system (CMMS) to increase equipment reliability, effectiveness and efficiency and reduce equipment downtime and failures.
- Produce and maintain a five-year plan to meet wastewater treatment needs today and in the future.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Ensure compliance with water quality requirements. The plant discharges into Floyd Branch under the following permit limits:
 - (March-November) 10 mg/L CBOD, 15mg/L TSS, 2 mg/L Ammonia
 - (December - February) 10 mg/L CBOD, 15 mg/L TSS, 4 mg/L Ammonia
- Manage budgets in a disciplined and transparent manner.
- Continually evaluate technologies and processes that could improve water quality, lower costs or improve operational efficiency.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Continue to collaborate with the City of Richardson through increased dialogue and partnering efforts.
- Continue to operate plants in a manner that maintains a good neighbor status.
- Engage and communicate with the City of Richardson regarding wastewater services currently provided and future needs.

People: Build a talented, competent and committed team

- Continue to invest in comprehensive employee training and development programs.
- Provide safe facilities and working conditions.
- Attract and retain a highly qualified workforce through enhanced recruitment and competitive compensation.

Major Budget Drivers

- Chemicals for treatment
- Personnel
- Electric Power
- Major equipment rehab/replacement

Position Summary

Floyd Branch RWWTP

Full-Time Positions	FY23	FY24	Difference
Lead Wastewater Plant Operator	1.0	1.0	-
Wastewater Coordinator	1.0	1.0	-
Wastewater Mechanic	-	1.0	1.0
Wastewater Plant Operator II	3.0	3.0	-
Wastewater Plant Operator III	2.0	2.0	-
Wastewater Plant Supervisor III	0.2	0.2	-
Total Full-Time Positions	7.2	8.2	1.0

Expense Detail

Expense Category	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 403,181	\$ 472,080	\$ 465,345	\$ 521,340	\$ 49,260	10.4%
511060 - Overtime	52,819	25,000	40,000	25,000	-	0.0%
512000 - Social Security	33,641	36,105	36,995	39,890	3,785	10.5%
513000 - Workers' Comp Ins	8,365	9,225	7,990	9,060	(165)	-1.8%
513020 - Hospitalization Ins	62,607	69,770	69,770	99,305	29,535	42.3%
513040 - Dental Ins	3,388	3,785	4,710	5,065	1,280	33.8%
513060 - Life Ins	948	1,150	1,050	1,130	(20)	-1.7%
513070 - LT Disability Ins	-	-	1,365	1,985	1,985	0.0%
514000 - Retirement	67,380	63,950	81,660	100,665	36,715	57.4%
514010 - Retiree - Insurance	21,640	20,905	26,165	31,240	10,335	49.4%
514020 - Comp Absences-vacation	15,935	-	-	10,450	10,450	0.0%
514030 - Comp Absences-sick	-	1,990	1,990	1,475	(515)	-25.9%
515000 - Cell Phone Stipend	1,393	1,660	1,665	2,070	410	24.7%
Personnel Total	\$ 671,297	\$ 705,620	\$ 738,705	\$ 848,675	\$ 143,055	20.3%

Supplies

520100 - Office Supplies	\$ 988	\$ 2,105	\$ 2,105	\$ 2,035	\$ (70)	-3.3%
520110 - Computer Supplies	2,981	2,910	2,910	6,800	3,890	133.7%
520200 - Xerox Supplies	916	-	-	1,200	1,200	0.0%
520300 - Clothing Supplies	3,906	4,200	4,200	4,200	-	0.0%
520600 - Fuel, Oil and Lube	3,732	7,905	7,905	7,860	(45)	-0.6%
520610 - Generator Fuel	440	19,300	9,300	19,300	-	0.0%
520630 - Toll Fees	8	110	110	105	(5)	-4.5%
520700 - Machine Oil & Lube	-	2,290	3,490	4,790	2,500	109.2%
520800 - Small Tools & Equip	3,551	6,150	6,150	6,550	400	6.5%
520810 - Fire Extinguishers	-	125	125	250	125	100.0%
520900 - Janitorial Supplies	653	900	900	900	-	0.0%
521000 - Laboratory Supplies	6,856	6,290	6,290	4,710	(1,580)	-25.1%
521100 - Medical Supplies	-	500	500	500	-	0.0%
521110 - Safety Supplies	5,247	13,760	10,760	8,540	(5,220)	-37.9%
521200 - Chem - Other	1,818	128,500	128,500	109,530	(18,970)	-14.8%
521209 - Chem - Polymers	17,076	125,270	35,270	104,855	(20,415)	-16.3%
521210 - Chem - Hypochlorite	7,190	46,395	16,395	26,450	(19,945)	-43.0%
521214 - Chem - Caustic	-	2,430	2,430	2,620	190	7.8%

Expense Detail (continued)

Floyd Branch RWWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
521300 - Botanical Supplies	\$ 714	\$ 1,650	\$ 1,650	\$ 1,650	\$ -	0.0%
521400 - Electrical Supplies	44,958	57,280	67,280	106,010	48,730	85.1%
521500 - Mechanical Supplies	19,511	51,100	51,100	51,100	\$ -	0.0%
521700 - Building Supplies	10,520	11,800	6,800	4,300	(7,500)	-63.6%
521900 - Vehicle Supplies	1,178	5,015	3,015	5,005	(10)	-0.2%
521910 - Tires and Tubes	2	1,630	1,630	3,610	1,980	121.5%
522000 - Equipment Supplies	4,517	28,500	43,500	28,500	\$ -	0.0%
522100 - Welding Supplies	-	500	500	500	\$ -	0.0%
522200 - Road Maint. Supplies	-	30,000	15,000	10,000	(20,000)	-66.7%
523000 - Other Supplies	4,593	7,375	7,375	9,375	2,000	27.1%
Supplies Total	\$ 141,356	\$ 563,990	\$ 435,190	\$ 531,245	\$ (32,745)	-5.8%
Services						
530300 - Automotive Insurance	\$ 1,619	\$ 1,815	\$ 1,815	\$ 2,540	\$ 725	39.9%
530400 - Fire & Exten Cov Ins	6,209	8,620	13,465	37,130	28,510	330.7%
530900 - General Liability Ins	(1,716)	470	470	645	175	37.2%
531000 - Telephone	5,619	1,200	4,200	3,360	2,160	180.0%
531020 - Internet Service	28,870	28,810	28,810	31,760	2,950	10.2%
531100 - Electric Power	173,882	190,500	190,500	175,800	(14,700)	-7.7%
531120 - Retail Water Service	1,898	1,920	4,920	2,280	360	18.8%
531300 - Engin/Consultant Svc	28,295	30,000	123,260	35,000	5,000	16.7%
531310 - Special Studies & Rpts	3,212	20,000	10,000	47,000	27,000	135.0%
531400 - Legal Service	26,846	19,500	19,500	23,000	3,500	17.9%
531700 - Advertising	605	6,400	6,400	16,900	10,500	164.1%
531800 - Rent or Lease Payment	5,546	11,550	11,550	11,770	220	1.9%
531900 - Travel and Training	3,277	3,605	6,105	2,730	(875)	-24.3%
532000 - Mem & Subscriptions	3,048	1,585	1,585	580	(1,005)	-63.4%
532100 - Vehicle Maint	284	200	200	200	\$ -	0.0%
532110 - Veh Maint by Solid Waste	325	500	500	500	\$ -	0.0%
532200 - Equipment Maintenance	8,193	56,990	31,990	67,650	10,660	18.7%
532800 - Grounds Maintenance	3,394	4,440	4,440	46,945	42,505	957.3%
532850 - Building Maintenance	-	1,540	7,540	1,540	\$ -	0.0%
532900 - Electrical Sys Maint	-	18,000	18,000	28,800	10,800	60.0%
533000 - Other Services	129,780	242,035	291,205	613,415	371,380	153.4%
533030 - Contractual Safety Serv	2,152	6,175	6,175	17,350	11,175	181.0%
533100 - Administration	3,770	7,545	7,545	-	(7,545)	-100.0%
533380 - Odor Control Crew	1,185	5,000	5,000	5,000	\$ -	0.0%
533500 - Lab Svc - Contract	4,511	6,500	6,500	6,500	\$ -	0.0%
533630 - Landfill Service Fees	47,505	62,215	62,215	64,080	1,865	3.0%
533900 - Permits, Ins, & Lic Fees	178,043	32,665	32,665	32,665	\$ -	0.0%
534000 - Uninsured losses	528	-	-	-	\$ -	0.0%
Shared Services	496,406	827,155	820,850	767,230	(59,925)	-7.2%
Services Total	\$ 1,163,287	\$ 1,596,935	\$ 1,717,405	\$ 2,042,370	\$ 445,435	27.9%

Expense Detail (continued)

Floyd Branch RWWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Capital Outlay						
540300 - Vehicle Equipment	\$ 30,340	\$ 14,000	\$ 30,000	\$ 7,000	\$ (7,000)	-50.0%
540500 - Machinery	248,289	164,000	187,440	181,000	17,000	10.4%
540700 - Non-Vehicle Equipment	-	24,000	26,600	23,000	(1,000)	-4.2%
Capital Outlay Total	\$ 278,629	\$ 202,000	\$ 244,040	\$ 211,000	\$ 9,000	4.5%
Grand Total	\$ 2,254,568	\$ 3,068,545	\$ 3,135,340	\$ 3,633,290	\$ 564,745	18.4%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$564,745 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs, as well as the addition of a Wastewater Mechanic position
- An overall decrease in Chemicals based off of current burn rate
- Fire & Extended Coverage Insurance increased due to higher commercial property insurance premiums and valuations
- Special Studies & Reports increased for PFAS monitoring and reporting
- Grounds Maintenance is higher due to repairs and maintenance of miscellaneous concrete throughout the plant
- Other Services increased for construction and labor cost for a supplemental environmental project (SEP)
- Machinery is higher for improvements to the blend tank mixing mechanism and solids transfer pumps along with replacing the recirculation pump for the de-watering chemical scrubber

Rowlett Creek RWWTP

Overview

The Rowlett Creek Regional Wastewater Treatment Plant is a 24 MGD plant located at 1401 Los Rios Boulevard in Plano, Texas. The plant utilizes activated sludge and membrane bioreactor (MBR) treatment technology, along with chlorine for disinfection. This plant treats wastewater from the Cities of Plano and Richardson.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Apply proven technologies and processes to reliably and efficiently meet or surpass regulatory requirements.
- Leverage NTMWD's computerized maintenance management system (CMMS) to increase equipment reliability, effectiveness and efficiency and reduce equipment downtime and failures.
- Produce and maintain a five-year plan to meet wastewater treatment needs today and in the future.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Ensure compliance with water quality requirements. The plant discharges into Rowlett Creek, a tributary of Lake Ray Hubbard, under the following permit limits:
 - (March-November) 5 mg/L CBOD, 5 mg/L TSS, 1.2 mg/L Ammonia and 1 mg/L Phosphorus
 - (December - February) 7 mg/L CBOD, 12 mg/L TSS, 3 mg/L Ammonia and 1 mg/L Phosphorus
- Manage budgets in a disciplined and transparent manner.
- Continually evaluate technologies and processes that could improve water quality, lower costs or improve operational efficiency.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Continue to collaborate with cities through increased dialogue and partnering efforts.
- Continue to operate plants in a manner that maintains a good neighbor status.
- Engage and communicate with cities served regarding wastewater services provided and future needs.

People: Build a talented, competent and committed team

- Continue to invest in comprehensive employee training and development programs.
- Provide safe facilities and working conditions.
- Attract and retain a highly qualified workforce through enhanced recruitment and competitive compensation.

Major Budget Drivers

- Chemicals for treatment
- Personnel
- Electric Power
- Major equipment rehab/replacement

Position Summary

Rowlett Creek RWWTP

Full-Time Positions	FY23	FY24	Difference
Administrative Technician	1.0	1.0	-
Asset Risk Manager	1.0	1.0	-
Information Systems Assistant	1.0	1.0	-
Lead Maintenance Technician	1.0	1.0	-
Lead Wastewater Plant Operator	4.0	4.0	-
Mechanic's Assistant	1.0	1.0	-
Operations Data Specialist I	1.0	1.0	-
Transport Driver	4.0	4.0	-
Wastewater Mechanic	1.0	1.0	-
Wastewater Plant Operator II	7.0	7.0	-
Wastewater Plant Operator III	6.0	6.0	-
Wastewater Plant Supervisor II	1.0	1.0	-
Wastewater Plant Supervisor III	0.8	0.8	-
Total Full-Time Positions	29.8	29.8	-

Expense Detail

Rowlett Creek RWWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 1,650,481	\$ 1,881,335	\$ 1,819,585	\$ 1,947,620	\$ 66,285	3.5%
511060 - Overtime	150,058	120,000	120,000	120,000	-	0.0%
512000 - Social Security	131,271	143,920	142,365	149,000	5,080	3.5%
513000 - Workers' Comp Ins	32,265	35,700	29,970	31,315	(4,385)	-12.3%
513020 - Hospitalization Ins	369,580	432,375	432,375	489,105	56,730	13.1%
513040 - Dental Ins	17,943	20,980	20,110	21,120	140	0.7%
513060 - Life Ins	4,004	4,630	4,170	4,190	(440)	-9.5%
513070 - LT Disability Ins	-	-	5,490	7,410	7,410	0.0%
514000 - Retirement	265,380	262,250	334,875	361,720	99,470	37.9%
514010 - Retiree - Insurance	85,215	85,730	107,305	112,260	26,530	30.9%
514020 - Comp Absences-vacation	-	-	-	15,325	15,325	0.0%
514030 - Comp Absences-sick	6,860	11,710	11,710	8,500	(3,210)	-27.4%
515000 - Cell Phone Stipend	11,142	13,380	11,970	11,925	(1,455)	-10.9%
Personnel Total	\$ 2,724,199	\$ 3,012,010	\$ 3,039,925	\$ 3,279,490	\$ 267,480	8.9%

Supplies

520100 - Office Supplies	\$ 3,973	\$ 4,930	\$ 4,930	\$ 4,620	\$ (310)	-6.3%
520110 - Computer Supplies	13,759	19,225	19,225	20,505	1,280	6.7%
520200 - Xerox Supplies	4,171	-	-	-	-	0.0%
520300 - Clothing Supplies	17,113	18,250	18,250	19,280	1,030	5.6%
520600 - Fuel, Oil and Lube	103,878	156,695	156,695	156,640	(55)	0.0%
520610 - Generator Fuel	6,700	56,305	26,305	56,305	-	0.0%
520630 - Toll Fees	102	350	350	340	(10)	-2.9%
520700 - Machine Oil & Lube	3,105	17,045	17,045	17,045	-	0.0%
520800 - Small Tools & Equip	37,953	9,750	9,750	9,750	-	0.0%
520810 - Fire Extinguishers	-	1,000	1,000	1,000	-	0.0%
520900 - Janitorial Supplies	2,860	2,700	2,700	2,500	(200)	-7.4%

Expense Detail (continued)

Rowlett Creek RWWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
521000 - Laboratory Supplies	\$ 22,787	\$ 20,535	\$ 20,535	\$ 15,135	\$ (5,400)	-26.3%
521100 - Medical Supplies	-	1,315	1,315	1,315	-	0.0%
521110 - Safety Supplies	20,786	19,500	14,500	28,795	9,295	47.7%
521200 - Chem - Other	532,066	733,985	733,985	1,155,850	421,865	57.5%
521203 - Chem - Chlorine	271,746	569,160	569,160	614,695	45,535	8.0%
521206 - Chem - Carbon	27,600	41,400	41,400	41,400	-	0.0%
521209 - Chem - Polymers	179,584	387,960	387,960	407,480	19,520	5.0%
521210 - Chem - Hypochlorite	23,124	62,595	62,595	67,040	4,445	7.1%
521211 - Chem - Sulfur Dioxide	92,160	202,800	202,800	219,025	16,225	8.0%
521212 - Chem - Liq Ferr Sulfate	264,901	5,760	581,760	765,160	759,400	13184.0%
521214 - Chem - Caustic	-	32,705	32,705	35,325	2,620	8.0%
521300 - Botanical Supplies	1,708	1,500	1,500	1,500	-	0.0%
521400 - Electrical Supplies	106,054	76,130	91,130	86,130	10,000	13.1%
521500 - Mechanical Supplies	188,985	181,350	136,350	128,400	(52,950)	-29.2%
521700 - Building Supplies	8,139	10,000	10,000	10,000	-	0.0%
521900 - Vehicle Supplies	36,926	52,555	77,555	64,545	11,990	22.8%
521910 - Tires and Tubes	21,420	25,355	25,355	27,350	1,995	7.9%
522000 - Equipment Supplies	21,184	16,250	17,750	16,250	-	0.0%
522100 - Welding Supplies	232	4,250	1,750	4,250	-	0.0%
522200 - Road Maint Supplies	-	30,000	5,000	10,000	(20,000)	-66.7%
523000 - Other Supplies	59,519	65,600	59,600	65,980	380	0.6%
Supplies Total	\$ 2,072,533	\$ 2,826,955	\$ 3,330,955	\$ 4,053,610	\$ 1,226,655	43.4%
Services						
530300 - Automotive Insurance	\$ 23,415	\$ 30,175	\$ 30,175	\$ 32,040	\$ 1,865	6.2%
530400 - Fire & Exten Cov Ins	16,270	22,585	15,725	166,475	143,890	637.1%
530900 - General Liability Ins	408	5,610	5,610	4,200	(1,410)	-25.1%
531000 - Telephone	1,608	1,620	1,620	1,855	235	14.5%
531020 - Internet Service	24,588	24,680	24,680	27,895	3,215	13.0%
531100 - Electric Power	882,754	1,135,800	1,135,800	1,018,185	(117,615)	-10.4%
531110 - Nat Gas, Butane & Kero	-	720	720	720	-	0.0%
531120 - Retail Water Service	35,024	19,200	19,200	29,520	10,320	53.8%
531300 - Engin/Consultant Svc	24,876	-	-	-	-	0.0%
531310 - Special Studies & Rpts	2,091	60,000	45,000	46,300	(13,700)	-22.8%
531400 - Legal Service	28,607	16,500	17,000	25,500	9,000	54.5%
531520 - Employee Programs	-	-	35	-	-	0.0%
531700 - Advertising	2,213	300	300	300	-	0.0%
531800 - Rent or Lease Payment	20,915	278,055	78,055	224,905	(53,150)	-19.1%
531900 - Travel and Training	40,166	23,040	18,040	30,735	7,695	33.4%
532000 - Mem & Subscriptions	13,050	6,830	6,830	6,145	(685)	-10.0%
532100 - Vehicle Maint	18,260	29,155	29,155	29,155	-	0.0%
532110 - Veh Maint by Solid Waste	26,336	25,000	25,000	25,000	-	0.0%
532200 - Equipment Maintenance	108,544	201,450	166,450	219,050	17,600	8.7%

Expense Detail (continued)

Rowlett Creek RWWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services (continued)						
532700 - Radio Maintenance	\$ -	\$ 500	\$ 500	\$ 500	\$ -	0.0%
532800 - Grounds Maintenance	18,508	32,540	42,540	32,160	(380)	-1.2%
532850 - Building Maintenance	-	55,010	20,010	25,010	(30,000)	-54.5%
532900 - Electrical Sys Maint	44,448	88,420	53,420	108,000	19,580	22.1%
533000 - Other Services	156,060	84,375	154,375	260,100	175,725	208.3%
533030 - Contractual Safety Serv	475	8,535	8,535	48,535	40,000	468.7%
533100 - Administration	16,975	33,950	33,950	-	(33,950)	-100.0%
533380 - Odor Control Crew	17,024	20,000	15,000	20,000	-	0.0%
533500 - Lab Svc - Contract	7,312	11,170	11,170	11,170	-	0.0%
533630 - Landfill Service Fees	681,848	829,500	829,500	854,400	24,900	3.0%
533900 - Permits, Ins, & Lic Fees	74,847	79,175	79,175	79,175	-	0.0%
Shared Services	1,823,968	1,960,780	1,893,975	2,650,875	690,095	35.2%
Services Total	\$ 4,110,591	\$ 5,084,675	\$ 4,761,545	\$ 5,977,905	\$ 893,230	17.6%
Capital Outlay						
540300 - Vehicle Equipment	\$ 479,736	\$ 14,000	\$ 37,385	\$ 19,000	\$ 5,000	35.7%
540500 - Machinery	104,551	83,800	83,800	404,800	321,000	383.1%
540700 - Non-Vehicle Equipment	31,619	-	-	-	-	0.0%
Capital Outlay Total	\$ 615,906	\$ 97,800	\$ 121,185	\$ 423,800	\$ 326,000	333.3%
Grand Total	\$ 9,523,230	\$ 11,021,440	\$ 11,253,610	\$ 13,734,805	\$ 2,713,365	24.6%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$2,713,365 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- An overall increase in chemicals due to rising costs
- Fire & Extended Coverage Insurance increased due to higher commercial property insurance premiums and valuations
- Other Services increased to paint worn plant structures and coat the primary clarifier effluent launder and scum box
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund
- Machinery increased to purchase a spare fan for the headworks bioscrubber odor control unit, repair Roberts filters floor, purchase spare grit pump and motor for the new grit system and replace the secondary clarifier skimmer arms

South Mesquite WWTP

Overview

The South Mesquite Regional Wastewater Treatment Plant is a 33 MGD conventional and biological nutrient removal plant located at 3500 Lawson Road in Mesquite, Texas. This plant utilizes UV for disinfection and treats wastewater from the Cities of Forney, Heath, Mesquite, Rockwall and Seagoville.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Apply proven technologies and processes to reliably and efficiently meet or surpass regulatory requirements.
- Leverage NTMWD's computerized maintenance management system (CMMS) to increase equipment reliability, effectiveness and efficiency and reduce equipment downtime and failures.
- Produce and maintain a five-year plan to meet wastewater treatment needs today and in the future.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Ensure compliance with water quality requirements. The plant discharges into South Mesquite Creek and then flows into the East Fork of the Trinity River, under the following permit limits:
 - 7 mg/L CBOD, 15 mg/L TSS, 3 mg/L Ammonia
- Manage budgets in a disciplined and transparent manner.
- Continually evaluate technologies and processes that could improve water quality, lower costs or improve operational efficiency.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Continue to collaborate with cities through increased dialogue and partnering efforts.
- Continue to operate plants in a manner that maintains a good neighbor status.
- Engage and communicate with cities served regarding wastewater services provided and future needs.

People: Build a talented, competent and committed team

- Continue to invest in comprehensive employee training and development programs.
- Provide safe facilities and working conditions.
- Attract and retain a highly qualified workforce through enhanced recruitment and competitive compensation.

Major Budget Drivers

- Chemicals for treatment
- Personnel
- Electric Power
- Landfill Disposal Fees

Position Summary

South Mesquite WWTP

Full-Time Positions	FY23	FY24	Difference
Information Systems Assistant	1.0	1.0	-
Lead Maintenance Technician	1.0	1.0	-
Lead Wastewater Plant Operator	4.0	4.0	-
Mechanic's Assistant	2.0	2.0	-
Operations Technical Support Manager	0.5	0.5	-
Regional Wastewater System Manager	1.0	1.0	-
Transport Driver	4.0	4.0	-
Wastewater Mechanic	1.0	2.0	1.0
Wastewater Plant Operator II	14.0	16.0	2.0
Wastewater Plant Operator III	6.0	6.0	-
Wastewater Plant Supervisor I	1.0	1.0	-
Wastewater Plant Supervisor II	1.0	1.0	-
Wastewater Plant Supervisor III	1.0	1.0	-
Total Full-Time Positions	37.5	40.5	3.0

Expense Detail

South Mesquite WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 2,116,543	\$ 2,507,340	\$ 2,363,545	\$ 2,736,445	\$ 229,105	9.1%
511060 - Overtime	378,391	300,000	300,000	300,000	-	0.0%
512000 - Social Security	185,788	191,800	194,325	209,355	17,555	9.2%
513000 - Workers' Comp Ins	45,162	48,020	40,545	44,425	(3,595)	-7.5%
513020 - Hospitalization Ins	511,683	563,865	563,865	645,930	82,065	14.6%
513040 - Dental Ins	23,617	26,095	23,725	26,610	515	2.0%
513060 - Life Ins	5,199	6,185	5,445	5,960	(225)	-3.6%
513070 - LT Disability Ins	-	-	7,190	10,530	10,530	0.0%
514000 - Retirement	340,095	353,265	451,095	506,765	153,500	43.5%
514010 - Retiree - Insurance	109,205	115,480	144,545	157,275	41,795	36.2%
514020 - Comp Absences-vacation	47,810	11,955	11,955	23,710	11,755	98.3%
514030 - Comp Absences-sick	-	50,835	50,835	16,725	(34,110)	-67.1%
515000 - Cell Phone Stipend	11,650	15,110	13,775	16,530	1,420	9.4%
Personnel Total	\$ 3,775,141	\$ 4,189,950	\$ 4,170,845	\$ 4,700,260	\$ 510,310	12.2%
Supplies						
520100 - Office Supplies	\$ 8,188	\$ 6,595	\$ 6,595	\$ 6,520	\$ (75)	-1.1%
520110 - Computer Supplies	29,478	30,320	30,320	45,440	15,120	49.9%
520200 - Xerox Supplies	4,583	-	-	-	-	0.0%
520300 - Clothing Supplies	17,068	19,270	19,270	21,170	1,900	9.9%
520600 - Fuel, Oil and Lube	127,917	131,640	131,640	139,805	8,165	6.2%
520610 - Generator Fuel	842	13,600	8,600	13,600	-	0.0%
520630 - Toll Fees	1,129	3,070	3,070	3,060	(10)	-0.3%
520700 - Machine Oil & Lube	8,668	10,080	10,080	10,080	-	0.0%

Expense Detail (continued)

South Mesquite RWWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies						
520800 - Small Tools & Equip	\$ 29,644	\$ 35,505	\$ 35,505	\$ 36,005	\$ 500	1.4%
520810 - Fire Extinguishers	-	500	500	500	-	0.0%
520900 - Janitorial Supplies	7,469	4,500	4,500	4,500	-	0.0%
521000 - Laboratory Supplies	30,151	13,325	13,325	19,795	6,470	48.6%
521100 - Medical Supplies	-	500	500	500	-	0.0%
521110 - Safety Supplies	26,891	19,775	19,775	25,420	5,645	28.5%
521200 - Chem - Other	91,548	250,680	250,680	273,540	22,860	9.1%
521203 - Chem - Chlorine	22,458	69,320	69,320	69,320	-	0.0%
521209 - Chem - Polymers	196,420	467,460	451,460	490,980	23,520	5.0%
521210 - Chem - Hypochlorite	-	29,040	45,040	46,000	16,960	58.4%
521214 - Chem - Caustic	-	11,630	11,630	20,000	8,370	72.0%
521215 - Chem - Bioxide	402,548	419,605	419,605	538,160	118,555	28.3%
521300 - Botanical Supplies	619	2,000	2,000	2,000	-	0.0%
521400 - Electrical Supplies	345,128	243,225	293,225	258,600	15,375	6.3%
521500 - Mechanical Supplies	361,369	326,450	266,450	366,950	40,500	12.4%
521700 - Building Supplies	6,431	7,500	17,500	7,500	-	0.0%
521900 - Vehicle Supplies	44,084	40,320	40,320	50,265	9,945	24.7%
521910 - Tires and Tubes	23,577	31,780	31,780	48,290	16,510	52.0%
522000 - Equipment Supplies	156,322	137,025	227,025	144,025	7,000	5.1%
522100 - Welding Supplies	738	2,500	2,500	2,500	-	0.0%
522200 - Road Maint Supplies	12,004	3,000	3,000	3,000	-	0.0%
523000 - Other Supplies	88,818	163,660	163,660	163,660	-	0.0%
Supplies Total	\$ 2,044,092	\$ 2,493,875	\$ 2,578,875	\$ 2,811,185	\$ 317,310	12.7%
Services						
530300 - Automotive Insurance	\$ 22,122	\$ 24,890	\$ 24,890	\$ 26,860	\$ 1,970	7.9%
530400 - Fire & Exten Cov Ins	42,066	58,390	55,810	187,915	129,525	221.8%
530900 - General Liability Ins	9,127	16,605	16,605	12,705	(3,900)	-23.5%
531000 - Telephone	5,976	4,800	4,800	6,000	1,200	25.0%
531020 - Internet Service	146,858	92,155	92,155	170,780	78,625	85.3%
531100 - Electric Power	837,539	926,300	926,300	953,000	26,700	2.9%
531120 - Retail Water Service	10,219	7,200	16,200	12,000	4,800	66.7%
531310 - Special Studies & Rpts	4,418	25,000	53,000	120,300	95,300	381.2%
531400 - Legal Service	18,503	16,500	16,500	25,000	8,500	51.5%
531520 - Employee Programs	-	-	30	-	-	0.0%
531700 - Advertising	1,871	2,300	2,300	300	(2,000)	-87.0%
531800 - Rent or Lease Payment	21,367	33,250	43,250	38,105	4,855	14.6%
531900 - Travel and Training	46,138	36,280	31,280	50,295	14,015	38.6%
532000 - Mem & Subscriptions	18,070	9,550	9,550	9,285	(265)	-2.8%
532100 - Vehicle Maint	26,873	38,805	38,805	50,805	12,000	30.9%
532110 - Veh Maint by Solid Waste	22,587	30,000	30,000	30,000	-	0.0%
532200 - Equipment Maintenance	192,968	310,000	310,000	515,800	205,800	66.4%
532800 - Grounds Maintenance	33,262	35,000	35,000	47,000	12,000	34.3%
532850 - Building Maintenance	51,452	30,670	52,670	130,670	100,000	326.1%

Expense Detail (continued)

South Mesquite RWWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services (continued)						
532900 - Electrical Sys Maint	\$ 108,872	\$ 100,000	\$ 100,000	\$ 150,000	\$ 50,000	50.0%
533000 - Other Services	227,521	389,000	389,000	346,800	(42,200)	-10.8%
533020 - Contract Labor	-	12,000	-	12,000	-	0.0%
533030 - Contractual Safety Serv	1,570	1,295	1,295	1,795	500	38.6%
533100 - Administration	21,655	43,305	43,305	-	(43,305)	-100.0%
533380 - Odor Control Crew	811	6,000	6,000	6,000	-	0.0%
533500 - Lab Svc - Contract	8,832	11,930	11,930	12,350	420	3.5%
533630 - Landfill Service Fees	1,381,343	1,356,420	1,356,420	1,364,190	7,770	0.6%
533900 - Permits, Ins, & Lic Fees	128,072	135,615	131,615	135,615	-	0.0%
534000 - Uninsured losses	1,964	-	-	-	-	0.0%
Shared Services	2,616,820	3,257,290	3,173,790	3,767,210	509,920	15.7%
Services Total	\$ 6,008,873	\$ 7,010,550	\$ 6,972,500	\$ 8,182,780	\$ 1,172,230	16.7%
Capital Outlay						
540200 - Building	\$ 128,836	\$ -	\$ -	\$ -	\$ -	0.0%
540300 - Vehicle Equipment	91,984	258,000	346,485	83,000	(175,000)	-67.8%
540500 - Machinery	308,894	293,000	273,000	325,000	32,000	10.9%
540700 - Non-Vehicle Equipment	65,020	-	36,000	52,000	52,000	0.0%
541000 - Laboratory Equipment	6,045	-	-	18,000	18,000	0.0%
Capital Outlay Total	\$ 600,779	\$ 551,000	\$ 655,485	\$ 478,000	\$ (73,000)	-13.2%
Grand Total	\$12,428,884	\$14,245,375	\$14,377,705	\$16,172,225	\$ 1,926,850	13.5%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$1,926,850 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs. In addition, a new Wastewater Mechanic and two new Wastewater Plant Operator II positions were approved for FY24.
- An overall increase in Chemicals due to rising costs
- Fire & Extended Coverage Insurance increased due to higher commercial property insurance premiums and valuations
- Electric Power increased based on forecasted usage and higher costs
- Special Studies & Reports increased for a hydraulic modeling update which is needed due to process changes, PFAS monitoring and reporting, and an algae control study needed to help understand how to treat algae growth in the filter complex and non-pot system
- Equipment Maintenance increased to inspect and rehabilitate a turbo blower as well as rehabilitating the motors for lift stations #1 and #2
- Building Maintenance is higher for conveyance pipe coatings needed to preserve the integrity of the pipes
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund

Expense Detail

RWWS Escrow and DS	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Rsv for Maint Escrow	\$ 1,178,350	\$ -	\$ -	\$ -	\$ -	0.0%
Tsf to Capital Improvement	\$ 1,178,350	\$ -	\$ -	\$ 3,500,000	\$ 3,500,000	0.0%
Debt Service						
Bonds:						
Current (P&I)	\$ 37,718,899	\$ 36,896,622	\$ 36,896,622	\$ 36,413,197	\$ (483,425)	-1.3%
ECP	33,044	1,500,000	1,000,000	4,000,000	2,500,000	166.7%
Total	\$ 37,751,943	\$ 38,396,622	\$ 37,896,622	\$ 40,413,197	\$ 2,016,575	5.3%
Other						
Fund Balance Change	\$ (206,099)	\$ 3,116,378	\$ 3,116,378	\$ (2,813,197)	\$ (5,929,575)	-190.3%
Total	\$ (206,099)	\$ 3,116,378	\$ 3,116,378	\$ (2,813,197)	\$ (5,929,575)	-190.3%
Transfer to I&S Fund	\$ 37,545,844	\$ 41,513,000	\$ 41,013,000	\$ 37,600,000	\$ (3,913,000)	-9.4%
Notes						
Bond Service Fees	\$ 28,210	\$ 29,985	\$ 29,985	\$ 33,930	\$ 3,945	13.2%
ECP Fees	36,500	79,500	79,500	180,000	100,500	126.4%
Total	\$ 64,710	\$ 109,485	\$ 109,485	\$ 213,930	\$ 104,445	95.4%
Total Debt Service	\$ 37,610,554	\$ 41,622,485	\$ 41,122,485	\$ 37,813,930	\$ (3,808,555)	-9.2%
Total Escrow and DS	\$ 39,967,254	\$ 41,622,485	\$ 41,122,485	\$ 41,313,930	\$ (308,555)	-0.7%



UPPER EAST FORK INTERCEPTOR SYSTEM

Upper East Fork Interceptor System

The Upper East Fork Interceptor System (UEFIS) is responsible for the conveyance of wastewater for the Member Cities of Allen, Frisco, McKinney, Melissa, Plano, Princeton, Prosper and Richardson; and the Customer Cities of Anna, Fairview, Lucas and Parker to the District's Regional Wastewater System for treatment. The UEFIS consists of 161 miles of pipelines, 19 lift stations and numerous meter stations. During FY22 the UEFIS conveyed approximately 24 billion gallons of wastewater for Member Cities and Customers.

Revenues and Expenditures

Category	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues	\$ 41,415,347	\$ 49,503,070	\$ 48,974,735	\$ 55,601,960	\$ 6,098,890	12.3%

Expenditures

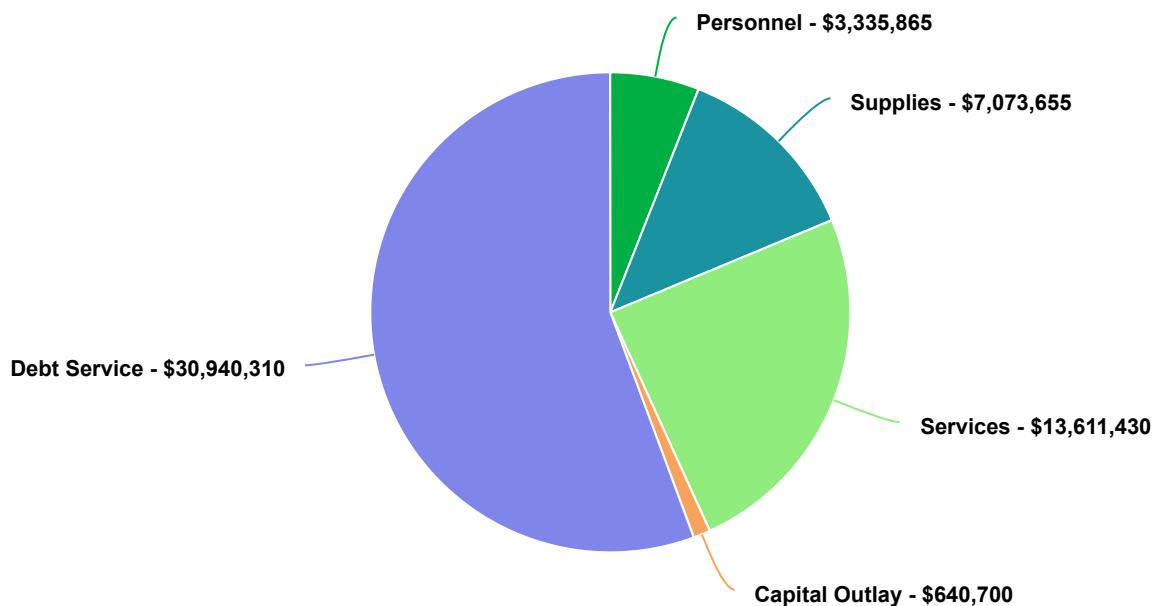
Personnel	\$ 2,559,145	\$ 2,967,375	\$ 2,984,200	\$ 3,335,865	\$ 368,490	12.4%
Supplies	4,517,983	5,197,440	5,239,805	7,073,655	1,876,215	36.1%
Services	7,729,913	10,640,955	10,777,260	13,611,430	2,970,475	27.9%
Capital Outlay	465,220	419,280	595,450	640,700	221,420	52.8%
Debt Service	26,143,087	30,278,020	29,378,020	30,940,310	662,290	2.2%
Total	\$ 41,415,347	\$ 49,503,070	\$ 48,974,735	\$ 55,601,960	\$ 6,098,890	12.3%

The FY23 Amended Budget for expenditures and revenues totals \$48,974,735, which is \$528,335 or 1.1% less than the FY23 Original Budget of \$49,503,070.

For the FY24 Annual Budget, the total UEFIS expenditures are \$55,601,960, which is \$6,098,890 or 12.3% greater than the FY23 Original Budget. Major budget variances are explained below:

- Increase in Personnel of \$368,490 for higher wages, insurance and retirement costs. Wages also increased due to the addition of a Wastewater Conveyance Operator II position
- Increase in Supplies of \$1,876,215 due to higher chemical contract costs
- Increase in Services of \$2,970,475 due to higher expenses and allocation changes in the Shared Service Fund and increased cost for commercial property insurance due to higher valuations, metering evaluations, odor control master plan updates, pipeline condition assessments and the McKinney Prosper aerial pipeline repair project
- Increase in Capital Outlay of \$221,420 to replace four trucks and purchase a new one for the new operator position. In addition, replacement pumps, motors, breakers, and variable frequency drives will also be purchased
- Increase in Debt Service of \$662,290 due to a higher debt service payment that captures the full impact of prior bond issuances

PROPOSED BUDGETED EXPENDITURES

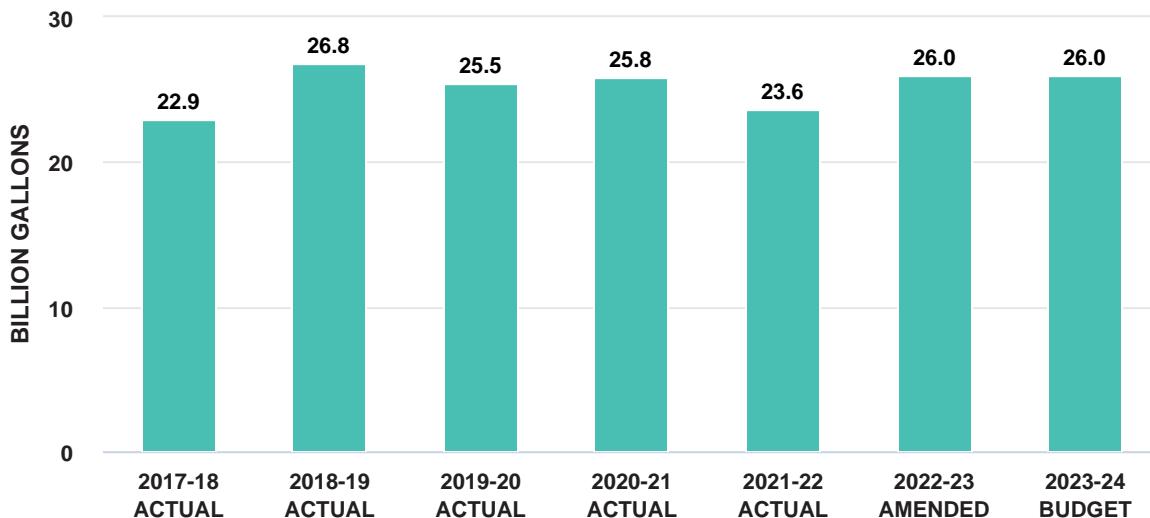


Annual Flows

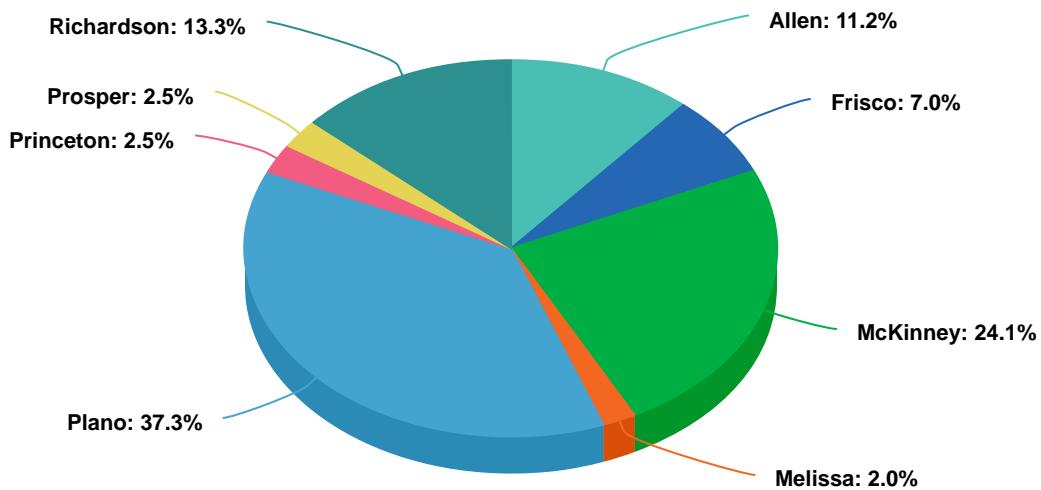
UEFIS has been constructed under a common bond pledge and the participating cities share the cost for wastewater transportation on the basis of proportional flows. Charges are based on current budgeted expenditures and are allocated to each city at the beginning of the year based on estimated flows. At the end of the year, the actual cost for each city is determined based on actual flows and final billing adjustments are applied accordingly.

Flow rates are captured throughout the system. Member City amended annual flows for FY23 are 26.0 billion gallons. Member City flows for FY24 are estimated to be 26.0 billion gallons. Member City flow information is presented below.

UEFIS MEMBER CITY ANNUAL FLOWS



PROPOSED BUDGET MEMBER CITY COST ALLOCATION



Member City Charges

Cities	2021-22		2022-23		2022-23		2023-24	
	Actuals		Original Budget		Amended Budget		Proposed Budget	
Allen	\$	4,306,113	\$	5,049,837	\$	5,107,729	\$	5,854,274
Frisco		3,071,183		3,794,773		3,194,247		3,661,118
McKinney		9,716,088		11,361,256		10,966,393		12,569,242
Melissa		720,855		853,741		932,580		1,068,885
Plano		14,838,689		18,274,729		16,991,361		19,474,818
Princeton		717,272		746,134		1,137,283		1,303,509
Prosper		963,227		1,117,383		1,141,836		1,308,727
Richardson		5,038,189		5,845,022		6,067,156		6,953,932
Total	\$	39,371,614	\$	47,042,875	\$	45,538,585	\$	52,194,505
Flow		23,577,198		26,811,893		25,968,304		25,968,304
Cost per 1,000	\$	1.67	\$	1.75	\$	1.75	\$	2.01

Cost Allocation for Member Cities

The total charges to be allocated to the Member Cities for FY24 are \$52,194,505 after deducting interest and other revenue in the estimated amount of \$3,407,455 from the proposed budget of \$55,601,960.

UEFIS Fund Balances

Capital Improvement Fund

Projected Balance:

07/31/23	Fund Balance	\$ 9,981,909
	Remaining Payments to be made on Authorized Projects	(3,455,611)
	Remaining Budgeted Transfers from Operating Fund	265,084
09/30/23	Expected Fund Balance	<u>6,791,382</u>
	Balance Transfers from Operating Fund	800,000
	Expected Projects	-
	Interest Income	146,877
09/30/24	Balance Available for Future Projects	<u>\$ 7,738,260</u>

Reserve for Maintenance Fund

Projected Balance:

09/30/23	Expected Fund Balance	\$ 1,572,802
	Balance Transfers from Operating Fund	-
	Expected Projects	-
	Interest Income	34,015
09/30/24	Balance Available for Future Projects	<u>\$ 1,606,817</u>

Preventative Maintenance Escrow

Projected Balance:

09/30/23	Expected Fund Balance	\$ 1,100,800
	Balance Transfers from Operating Fund	-
	Expected Projects	-
	Interest Income	23,807
09/30/24	Balance Available for Future Projects	<u>\$ 1,124,607</u>

Upper East Fork Interceptor System

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Implement best management practices related to Capacity, Management, Operation and Maintenance (CMOM).
- Expand pipelines and lift stations as needed to convey wastewater received from the cities.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Implement appropriate preventive maintenance activities to improve equipment efficiency and extend useful life.
- Inspect 10% of the gravity pipelines and manholes on an annual basis in accordance with the District CMOM Plan and Sanitary Sewer Overflow Initiative Agreement with the TCEQ. Utilize data to make informed decisions regarding system rehabilitation and associated investments.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Continue to collaborate with Member Cities and Customers to evaluate and plan for the capacity needs of the UEFIS.
- Collaborate with Member Cities and Customers to identify and reduce inflow and infiltration.

People: Build a talented, competent and committed team

- Utilize effective communication and coaching techniques to realize professional development of the team.

Major Budget Drivers

- Personnel
- Odor Control Chemicals
- Electric Power
- Pipeline Maintenance
- Debt Service for Capital Improvements

Position Summary

UEFIS	FY23	FY24	Difference
Full-Time Positions			
CMOM Program Manager	1.0	1.0	-
Information Systems Assistant	1.0	1.0	-
Lead Maintenance Technician	1.0	1.0	-
Lead Odor Control Operator	1.0	1.0	-
Lead Wastewater Conveyance Operator	2.0	2.0	-
Odor Control Operator II	2.0	2.0	-
Professional Engineer	1.0	1.0	-
Wastewater Conveyance Operator II	8.0	9.0	1.0
Wastewater Conveyance Operator III	3.0	3.0	-
Wastewater Conveyance Supervisor I	1.0	1.0	-
Wastewater Conveyance Supervisor II	1.0	1.0	-
Wastewater Conveyance System Manager	1.0	1.0	-
Total Full-Time Positions	23.0	24.0	1.0

Expense Detail

UEFIS	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 1,635,136	\$ 1,918,180	\$ 1,856,335	\$ 2,047,030	\$ 128,850	6.7%
511060 - Overtime	101,161	120,000	120,000	120,000	-	0.0%
512000 - Social Security	127,124	143,735	141,180	154,260	10,525	7.3%
513000 - Workers' Comp Ins	24,138	28,925	23,635	27,600	(1,325)	-4.6%
513010 - Unemployment Ins	2,903	-	-	-	-	0.0%
513020 - Hospitalization Ins	330,335	384,000	384,000	427,100	43,100	11.2%
513040 - Dental Ins	17,418	20,045	17,055	19,185	(860)	-4.3%
513060 - Life Ins	3,917	4,625	4,210	4,345	(280)	-6.1%
513070 - LT Disability Ins	-	-	5,660	7,900	7,900	0.0%
514000 - Retirement	224,065	236,800	301,940	374,140	137,340	58.0%
514010 - Retiree - Insurance	71,950	77,410	96,750	116,115	38,705	50.0%
514020 - Comp Absences-vacation	5,340	13,485	13,485	19,960	6,475	48.0%
514030 - Comp Absences-sick	5,880	8,695	8,695	6,205	(2,490)	-28.6%
515000 - Cell Phone Stipend	9,778	11,475	11,255	12,025	550	4.8%
Personnel Total	\$ 2,559,145	\$ 2,967,375	\$ 2,984,200	\$ 3,335,865	\$ 368,490	12.4%
Supplies						
520100 - Office Supplies	\$ 2,072	\$ 2,210	\$ 2,960	\$ 2,455	\$ 245	11.1%
520110 - Computer Supplies	34,088	37,255	26,505	43,890	6,635	17.8%
520300 - Clothing Supplies	15,243	13,705	15,465	14,285	580	4.2%
520600 - Fuel, Oil and Lube	105,787	84,530	84,530	88,870	4,340	5.1%
520610 - Generator Fuel	20,722	18,700	18,700	22,100	3,400	18.2%
520630 - Toll Fees	7,456	5,085	8,085	8,590	3,505	68.9%
520700 - Machine Oil & Lube	1,620	2,500	1,000	2,500	-	0.0%
520800 - Small Tools & Equip	142,521	169,020	68,885	144,020	(25,000)	-14.8%
520810 - Fire Extinguishers	-	300	300	300	-	0.0%
520900 - Janitorial Supplies	1,387	1,500	1,500	1,500	-	0.0%
521000 - Laboratory Supplies	713	1,200	1,700	1,200	-	0.0%
521100 - Medical Supplies	-	4,000	1,000	4,000	-	0.0%
521110 - Safety Supplies	28,909	34,470	24,470	28,060	(6,410)	-18.6%
521200 - Chem - Other	2,855,308	3,243,100	3,643,100	4,900,000	1,656,900	51.1%
521208 - Chem - Ferric Chloride	951,122	1,092,000	842,000	1,309,000	217,000	19.9%
521300 - Botanical Supplies	21	100	100	100	-	0.0%
521400 - Electrical Supplies	122,670	130,000	200,000	130,000	-	0.0%
521500 - Mechanical Supplies	40,378	120,000	75,000	120,000	-	0.0%
521600 - Pipeline Supplies	147,914	137,600	127,600	152,600	15,000	10.9%
521700 - Building Supplies	6,954	17,000	8,740	17,000	-	0.0%
521900 - Vehicle Supplies	11,477	16,040	16,040	16,045	5	0.0%
521910 - Tires and Tubes	4,900	12,380	12,380	12,395	15	0.1%
522000 - Equipment Supplies	10,972	40,125	50,125	40,125	-	0.0%
522100 - Welding Supplies	-	100	100	100	-	0.0%
522200 - Road Maint Supplies	500	7,200	2,200	7,200	-	0.0%
523000 - Other Supplies	5,248	7,320	7,320	7,320	-	0.0%
Supplies Total	\$ 4,517,983	\$ 5,197,440	\$ 5,239,805	\$ 7,073,655	\$ 1,876,215	36.1%

Expense Detail (continued)

UEFIS	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services						
530300 - Automotive Insurance	\$ 14,868	\$ 15,170	\$ 15,170	\$ 19,695	\$ 4,525	29.8%
530400 - Fire & Exten Cov Ins	55,429	76,940	59,585	100,265	23,325	30.3%
530530 - Pollution Cont Liab Ins	567	630	630	675	45	7.1%
530900 - General Liability Ins	12,608	23,245	23,245	15,735	(7,510)	-32.3%
531020 - Internet Service	29,123	62,575	62,575	79,290	16,715	26.7%
531100 - Electric Power	1,093,049	1,300,000	1,300,000	1,300,000	-	0.0%
531120 - Retail Water Service	22,223	38,400	28,400	38,400	-	0.0%
531200 - Bank Service Fees	410	700	700	700	-	0.0%
531300 - Engin/Consultant Svc	-	-	3,600	75,000	75,000	0.0%
531310 - Special Studies & Rpts	618,926	760,000	838,035	1,193,700	433,700	57.1%
531400 - Legal Service	974	10,000	5,000	10,000	-	0.0%
531700 - Advertising	675	750	750	750	-	0.0%
531800 - Rent or Lease Payment	68,062	93,420	60,920	93,490	70	0.1%
531900 - Travel and Training	17,714	29,510	19,510	36,415	6,905	23.4%
532000 - Mem & Subscriptions	21,655	11,860	11,860	13,330	1,470	12.4%
532100 - Vehicle Maint	9,639	15,000	10,000	15,000	-	0.0%
532110 - Veh Maint by Solid Waste	9,284	9,000	9,150	12,000	3,000	33.3%
532200 - Equipment Maintenance	286,556	285,000	1,093,575	285,000	-	0.0%
532220 - Pipeline Maintenance	886,030	2,325,000	1,822,710	2,825,000	500,000	21.5%
532230 - Facilities Maintenance	31,119	209,200	154,200	209,200	-	0.0%
532800 - Grounds Maintenance	250,574	221,240	191,240	221,240	-	0.0%
532900 - Electrical Sys Maint	107,146	110,000	90,000	130,000	20,000	18.2%
533000 - Other Services	11,396	35,000	25,000	35,000	-	0.0%
533030 - Contractual Safety Serv	7,808	17,970	17,970	17,970	-	0.0%
533100 - Administration	25,620	51,240	51,240	-	(51,240)	-100.0%
533500 - Lab Svc - Contract	-	-	3,000	5,000	5,000	0.0%
533630 - Landfill Service Fees	127,802	5,280	5,280	5,280	-	0.0%
533640 - Hauling Fees	1,462	1,465	1,740	1,465	-	0.0%
534000 - Uninsured losses	6,032	-	-	-	-	0.0%
Shared Services	4,013,163	4,932,360	4,872,175	6,871,830	1,939,470	39.3%
Services Total	\$ 7,729,913	\$ 10,640,955	\$ 10,777,260	\$ 13,611,430	\$ 2,970,475	27.9%
Capital Outlay						
540300 - Vehicle Equipment	\$ 405,220	\$ 199,280	\$ 509,290	\$ 370,700	\$ 171,420	86.0%
540700 - Non-Vehicle Equipment	60,000	220,000	86,160	270,000	50,000	22.7%
Capital Outlay Total	\$ 465,220	\$ 419,280	\$ 595,450	\$ 640,700	\$ 221,420	52.8%
Capital Improvement						
573010 - Tsf to Capital Impr	\$ -	\$ 1,590,500	\$ 1,590,500	\$ 800,000	\$ (790,500)	-49.7%
Capital Improvement Total	\$ -	\$ 1,590,500	\$ 1,590,500	\$ 800,000	\$ (790,500)	-49.7%

Expense Detail (continued)

UEFIS	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Debt Service						
571000 - Tsf to I & S	\$ 26,072,800	\$ 27,087,200	\$ 27,087,200	\$ 28,539,100	\$ 1,451,900	5.4%
571020 - DebtSvc-ECP	18,277	1,500,000	600,000	1,500,000	-	0.0%
579000 - Bond Service Fees	20,510	26,820	26,820	27,710	890	3.3%
579010 - ECP Fees	31,500	73,500	73,500	73,500	-	0.0%
Debt Service Total	\$ 26,143,087	\$ 28,687,520	\$ 27,787,520	\$ 30,140,310	\$ 1,452,790	5.1%
Grand Total	\$ 41,415,347	\$ 49,503,070	\$ 48,974,735	\$ 55,601,960	\$ 6,098,890	12.3%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$6,098,890 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs, as well as the addition of a Wastewater Conveyance Operator II position
- An overall increase in Chemicals due to rising costs
- Special Studies & Reports increased to perform metering evaluations, odor control master plan updates and condition assessment program management
- Pipeline Maintenance is higher for pipeline inspections and McKinney Prosper aerial repair
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund
- Vehicle Equipment increased to replace four vehicles and purchase a new vehicle for the new Wastewater Conveyance Operator II position
- Reduced transfers to the Capital Improvement Fund
- Debt Service increased due to a higher debt service payment that captures the full impact of prior bond issuances

Expense Detail

UEFIS CIF & Debt Service	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Capital Imp Fund	\$ -	\$ 1,590,500	\$ 1,590,500	\$ 800,000	\$ (790,500)	-49.7%
Debt Service						
Bonds:						
Current (P&I)	\$ 27,875,160	\$ 29,395,767	\$ 28,577,968	\$ 28,613,718	\$ (782,049)	-2.7%
ECP	18,277	1,500,000	600,000	1,500,000	-	0.0%
Total	\$ 27,893,437	\$ 30,895,767	\$ 29,177,968	\$ 30,113,718	\$ (782,049)	-2.5%
Other						
Reserve Fund Interest Tfr	\$ -	\$ -	\$ -	\$ (900,000)	\$ (900,000)	0.0%
Fund Balance Change	(297,586)	747,739	747,738	825,382	77,643	10.4%
Tfrs from Construction	(1,504,774)	(3,056,306)	(2,238,506)	-	3,056,306	-100.0%
Total	\$ (1,802,360)	\$ (2,308,567)	\$ (1,490,768)	\$ (74,618)	\$ 2,233,949	-96.8%
Transfer to I&S Fund	\$ 26,091,077	\$ 28,587,200	\$ 27,687,200	\$ 30,039,100	\$ 1,451,900	5.1%
Bond Service Fees	\$ 20,510	\$ 26,820	\$ 26,820	\$ 27,710	\$ 890	3.3%
ECP Fees	31,500	73,500	73,500	73,500	-	0.0%
Total	\$ 52,010	\$ 100,320	\$ 100,320	\$ 101,210	\$ 890	0.9%
Total Debt Service	\$ 26,143,087	\$ 28,687,520	\$ 27,787,520	\$ 30,140,310	\$ 1,452,790	5.1%
Total CIF and DS	\$ 26,143,087	\$ 30,278,020	\$ 29,378,020	\$ 30,940,310	\$ 662,290	2.2%

SMALL SYSTEMS

Panther Creek Wastewater Treatment Plant



Small Systems

The Small Systems provides the funding for all special facility contracts and includes wastewater treatment plants owned by the District, wastewater treatment plants owned by cities and operated by the District and special projects funded with pledged revenues by the cities. The special projects include water transmission and storage facilities, interceptor facilities and a wastewater pretreatment program. Below are brief descriptions of each facility, grouped by type.

Water Transmission Facilities

The District delivers treated water to Member Cities and Customers via hundreds of miles of pipelines to city and customer water storage tanks. The Member Cities and Customers take over delivering water through their distribution systems to the consumer.

The overall management goals and objectives of these smaller water transmission facilities are consistent with those of the Transmission System department as a whole, further described in the Transmission System section of this budget. Specific details of each facility is below.

201 – Little Elm Water Transmission Facilities - Turned over to the Little Elm in FY24

The Little Elm Water Transmission Pipeline was constructed under a facilities contract with the City of Little Elm. The facilities consist of 18,900 linear feet of 30-inch pipeline aligned generally parallel to Eldorado Parkway. The pipeline begins at the City of Frisco No. 3 delivery point (Eldorado Parkway and just east of Research Road) and travels in a westerly direction to the Frisco-Little Elm border (Eldorado Parkway and just east of FM 423). The Little Elm Pipeline terminates at the City of Little Elm Bob Mansell Pump Station. The District will no longer maintain the facility and will hand control back over to the City of Little Elm as the debt has been paid off. No expenses budgeted for FY24.

202 – Plano Water Transmission Facilities

The Plano-Ridgeview Water Transmission Pipeline was constructed under a contract with the City of Plano. The first phase of the facilities consists of 22,750 linear feet of pipeline ranging in size from 54-inches to 72-inches. The pipeline begins at the City of Plano Ridgeview Pump Station and terminates at Legacy Drive. The second phase of the facilities consists of 33,840 linear feet of pipeline ranging in size from 24-inches to 42-inches. This pipeline runs from Legacy Drive to a point south of Park Boulevard, with an east-west segment from Preston Meadow Drive to Spring Creek Parkway west of Preston Road. The District provides maintenance for this pipeline.

204 – Kaufman Four-One Water Distribution Facilities

The Kaufman Four-One Water Distribution Facilities serves Crandall, Gastonia-Scurry, College Mound and Rose Hill from a delivery point just west of Forney on the Mesquite-Forney Pipeline. The facilities are owned by the four entities and are operated and maintained by the District.

206 – Rockwall-Heath Water Storage Facilities

The Rockwall-Heath Water Storage Facilities was constructed by the District under a facilities contract with the Cities of Rockwall and Heath. The facilities consist of a 3 million gallon (MG) ground storage tank.

207 – Terrell Water Transmission Facilities

The Terrell Water Transmission Facilities were constructed by the District under a facilities contract with the City of Terrell. The facilities consist of a 3 MG ground storage reservoir, where the city takes delivery of treated water from the District's pipeline, a 12 MGD pump station, a 12 to 30-inch pipeline approximately 9 miles in length and a 16-inch pipeline approximately one-half mile in length.

208 – Rockwall Water Pump Station Facilities

The Rockwall Water Pump Station was constructed by the District under a facilities contract with the City of Rockwall. The facilities consist of an 8.6 MGD potable water pump station, which includes three 2.88 MGD vertical turbine pumps, a backup generator, associated electrical and instrumentation components and yard piping.

Wastewater Treatment Plants

The District owns and operates, or has an operations contract for nine wastewater treatment plants (WWTPs) in the Small Systems. The plants are located in Collin, Denton and Rockwall counties. The treatment capacity of the plants range from 0.25 MGD to 10 MGD with a combined treatment capacity for the nine plants of 37.995 MGD. The plants provide wastewater treatment for the cities and communities of Farmersville, Fate, Lavon, Murphy, Royse City, Seis Lagos, Wylie and parts of Frisco and Rockwall that have a combined service population of approximately 265,000 citizens.

The overall management goals and objectives of these smaller wastewater treatment plants are consistent with those of the Regional Wastewater System, further described in the Regional Wastewater section of this budget. Specific details of each facility is below.

305 – South Rockwall (Buffalo Creek) Wastewater Treatment Plant

The South Rockwall (Buffalo Creek) WWTP treats wastewater for the southern portion of Rockwall. The District owns and operates this extended air treatment plant that is located at 4920 Horizon Road in Rockwall. The plant has a design capacity of 2.25 MGD and consists of the Buffalo Creek WWTP, the Lakeside Lift Station and accompanying interceptor line. The plant discharges into Buffalo Creek, which flows into the East Fork of the Trinity River below Lake Ray Hubbard. The Buffalo Creek Golf Course utilizes a portion of the plant effluent for irrigation.

306 – North Rockwall (Squabble Creek) Wastewater Treatment Plant

The North Rockwall (Squabble Creek) WWTP treats wastewater for the northern portion of Rockwall. The District owns and operates the extended air treatment plant that is located at 2215 N. Lakeshore Drive in Rockwall. The plant has a capacity of 1.2 MGD and is equipped with a lift station and pipeline system that allows flow to be diverted away to Buffalo Creek Interceptor System for transfer to the South Mesquite RWWTP. The plant discharges into Squabble Creek, a tributary of Lake Ray Hubbard.

307 – Panther Creek Wastewater Treatment Plant

The Panther Creek WWTP treats wastewater for the northern portion of Frisco. The District owns and operates the biological nutrient removal plant located at 1825 Panther Creek Road in Frisco. The plant has a treatment capacity of 10 MGD and discharges into Panther Creek, a tributary of Lake Lewisville.

308 – Sabine Creek Wastewater Treatment Plant

The Sabine Creek WWTP treats wastewater for the Cities of Royse City and Fate. The District owns and operates this plant located at 1513 Crenshaw Road in Royse City. The extended air treatment plant has a capacity of 3.0 MGD and discharges into Sabine Creek, a tributary of Lake Tawakoni.

309 – Stewart Creek Wastewater Treatment Plant

The Stewart Creek West WWTP treats wastewater for the southern portion of Frisco. The District owns and operates this plant located at 5100 4th Army Drive in Frisco. The current capacity is 10 MGD through a biological nutrient removal process. The plant discharges into Stewart Creek, a tributary of Lake Lewisville.

310 – Muddy Creek Wastewater Treatment Plant

The Muddy Creek WWTP treats wastewater for the Cities of Wylie and Murphy. The conventional activated sludge plant has a capacity of 10 MGD and is located at 5401 Pleasant Valley Road. The plant discharges into Muddy Creek, a tributary of Lake Ray Hubbard.

311 – Seis Lagos Wastewater Treatment Plant

The Seis Lagos WWTP treats wastewater for the Seis Lagos subdivision, which is located at 1007 Riva Ridge Road in the Seis Lagos gated community. The Seis Lagos Municipal Utility District constructed this extended air treatment plant designed for 0.25 MGD flow. The permit is in the name of NTMWD and operates in accordance with an annual operating agreement. The plant discharges into Lavon Lake.

312 – Royse City Wastewater Treatment Plant - Decommissioned in FY22

The Royse City WWTP is not in service. Flow was diverted to the Sabine Creek WWTP. The extended air treatment plant has a design capacity of 500,000 gallons per day. The discharge permit is still effective so the plant can be placed back in service if additional capacity is needed prior to the next expansion of the Sabine Creek WWTP.

313 – Farmersville Wastewater Treatment Plant

The District operates and maintains the Farmersville WWTPs in accordance with an operating agreement with the City of Farmersville. This function consists of two plants. Plant I is a 225,000 gallon per day trickling filter plant. Plant II is a 530,000 gallon per day extended air treatment plant. Both plants discharge into Elm Creek, a tributary of Lavon Lake.

317 – Lavon (Bear Creek) Wastewater Treatment Plant

The Lavon (Bear Creek) WWTP treats wastewater for the City of Lavon and is located at 10531 CR 484 in Lavon. The City of Lavon owns this extended air treatment plant, which is under the operation of NTMWD in accordance with a wastewater treatment agreement. The plant has a capacity of 0.25 MGD and is under the process of expansion to 0.5 MGD. The plant discharges into Bear Creek, a tributary of Lake Ray Hubbard.

Interceptor Facilities

The District owns and operates nine interceptors in the Small Systems. The Small Systems Interceptors provide wastewater conveyance for the Cities of Fate, Forney, Heath, McKinney, Mesquite, Murphy, Rockwall, Royse City, Seagoville and Wylie. UEFIS staff operate and maintain the interceptors. Staff expenses are allocated to the various interceptor budgets in proportion to the inventory of assets that reside within each interceptor system. The individual interceptor budgets are funded solely by the cities that they serve. When the same interceptor serves multiple cities the costs are based on the percentage of flow contributed by each city.

The overall management goals and objectives of these smaller interceptor facilities are consistent with those of the Upper East Fork Interceptor, further described in the Upper East Fork Interceptor section of this budget. Specific details of each facility is below.

502 – Forney Interceptor

The Forney Interceptor Facility transfers wastewater from the City of Forney to the South Mesquite RWWTP. The system consists of a 10.8 MGD lift station, 6,697 feet of gravity sewer and 29,500 feet of pressure sewer main.

503 – Lower East Fork Interceptor

The Lower East Fork Interceptor transfers all of the City of Seagoville and a portion of the City of Mesquite wastewater flow to the South Mesquite RWWTP for treatment. The system consists of 26,110 feet of gravity pipelines, a 16 MGD lift station and 22,320 feet of pressure sewer main.

504 – Muddy Creek Interceptor

The Muddy Creek Interceptor serves the Cities of Wylie and Murphy. The system consists of 21,360 feet of gravity pipelines that transport flow to the Muddy Creek WWTP for treatment.

505 – Parker Creek Interceptor

The Parker Creek Interceptor serves the Cities of Royse City and Fate. The system consists of 26,780 feet of gravity pipelines that transport flow to the Sabine Creek WWTP for treatment.

506 – Sabine Creek Interceptor

The Sabine Creek Interceptor transfers wastewater flow for Royse City to the Sabine Creek WWTP for treatment. The system consists of 16,680 feet of gravity pipelines.

507 – Buffalo Creek Interceptor

The Buffalo Creek Interceptor transfers wastewater for the Cities of Forney, Heath and Rockwall to the South Mesquite RWWTP for treatment. The system consists of 75,300 feet of gravity pipelines, a 30 MGD lift station and 9,900 feet of pressure sewer main.

508 – McKinney Interceptor

The McKinney Interceptor transfers wastewater from McKinney to the Wilson Creek RWWTP for treatment. The system consists of 16,440 feet of gravity pipelines.

509 – Mustang Creek Interceptor

The Mustang Creek Interceptor serves a portion of the City of Forney and transfers wastewater to the South Mesquite RWWTP. The system consists of gravity sewers, force mains and the Forney Lift Station.

510 – Parker Creek Parallel Interceptor

The Parker Creek Parallel Interceptor serves the City of Fate. The system consists of 7,917 feet of gravity pipelines that transport flow to the Sabine Creek WWTP for treatment.

Wastewater Pretreatment Program

The Pretreatment Program is designed to prevent the introduction of pollutants into a wastewater treatment plant that will interfere with its operation by inhibiting or disrupting the treatment processes or that will pass through the treatment plant into waters thus negatively impacting water quality. The Pretreatment staff investigates potential unlawful discharges into the collection and interceptor systems.

604 – Wastewater Pretreatment Program

The Wastewater Pretreatment Program currently provides pretreatment services for the Cities of Allen, Forney, Frisco, McKinney, Melissa, Mesquite, Plano, Richardson, Rockwall, Seagoville, Sunnyvale, Terrell and Wylie as required by the EPA and TCEQ pretreatment regulations. The Pretreatment staff, in partnership with city counterparts, manages seven TCEQ approved pretreatment programs covering 8 wastewater treatment plants and 19 cities.

Charges for Service

Charges for each facility are based on current budgeted expenditure requirements for projected flows. The participating entities for each system are billed. All of the systems are operated on a break-even basis: an adjustment for the difference between actual and budgeted expenditures is prepared at the fiscal year end.

Revenues and Expenditures

Below is a summary, by facility, of the Small Systems FY23 Original and Amended Budgets and the Proposed FY24 Budget.

	2021-22 Actual	2022-23 Original	2022-23 Amended	2023-24 Proposed
Water Facilities:				
Little Elm Water Transmission Facilities*	\$ 279,746	\$ 10,010	\$ 10,010	\$ -
Plano Water Transmission Facilities	26,422	86,410	296,340	1,750,055
Kaufman 4-1 Water Distribution Facilities	123,294	150,695	149,800	164,500
Rockwall-Heath Water Storage Facilities	236,321	237,450	237,370	160,845
Terrell Water Transmission Facilities	743,883	742,495	742,485	743,850
Rockwall Water Pump Station Facilities	174,156	174,240	174,165	175,455
Total	\$ 1,583,821	\$ 1,401,300	\$ 1,610,170	\$ 2,994,705
Wastewater Facilities:				
South Rockwall WWTP	\$ 1,588,572	\$ 1,870,600	\$ 1,868,185	\$ 2,069,335
North Rockwall WWTP	770,813	756,485	980,995	978,175
Panther Creek WWTP	10,090,638	10,390,915	10,356,860	11,076,440
Sabine Creek WWTP	3,207,164	6,847,000	7,137,115	6,828,810
Stewart Creek WWTP	10,420,092	11,298,215	11,296,865	11,873,195
Muddy Creek WWTP	8,133,194	10,144,630	10,041,220	11,361,000
Seis Lagos WWTP	322,625	374,175	373,735	420,565
Royse City WWTP	12,205	-	-	-
Farmersville WWTP	591,997	633,015	632,690	832,075
Lavon WWTP	494,343	526,290	550,185	583,525
Total	\$ 35,631,643	\$ 42,841,325	\$ 43,237,850	\$ 46,023,120
Interceptor Facilities:				
Forney Interceptor	\$ 559,472	\$ 591,530	\$ 591,245	\$ 610,840
Lower East Fork Interceptor	1,792,990	1,992,150	1,991,575	2,952,015
Muddy Creek Interceptor	413,799	304,725	303,550	182,485
Parker Creek Interceptor	376,726	445,075	443,410	445,245
Sabine Creek Interceptor	268,379	99,100	98,660	358,000
Buffalo Creek Interceptor	3,636,913	4,408,505	4,400,285	5,339,530
McKinney Interceptor	43,567	89,750	88,930	52,975
Mustang Creek Interceptor	2,820,811	2,957,305	2,527,285	3,491,660
Parker Creek Parallel Interceptor	237,636	258,165	257,720	264,340
Total	\$ 10,150,292	\$ 11,146,305	\$ 10,702,660	\$ 13,697,090
Other:				
Wastewater Pretreatment Program	\$ 1,196,410	\$ 1,461,610	\$ 1,439,115	\$ 1,764,925
Total	\$ 1,196,410	\$ 1,461,610	\$ 1,439,115	\$ 1,764,925
TOTAL	\$ 48,562,166	\$ 56,850,540	\$ 56,989,795	\$ 64,479,840

*Little Elm Water Transmission was turned back over to the city beginning in FY24

Revenues and Expenditures

Category	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues	\$ 48,562,166	\$ 56,850,540	\$ 56,989,795	\$ 64,479,840	\$ 7,629,300	13.4%

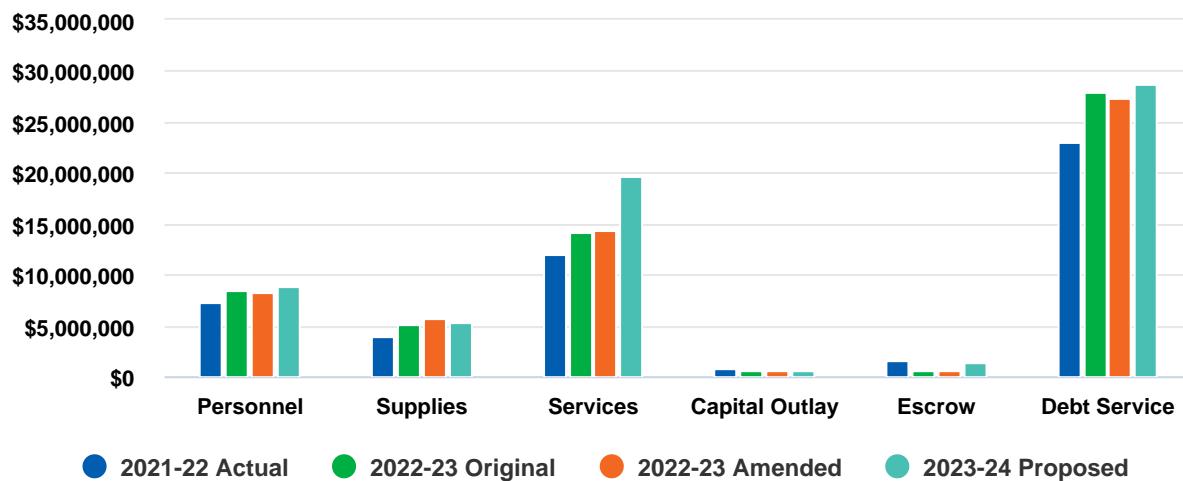
Expenditures

Personnel	\$ 7,261,730	\$ 8,441,540	\$ 8,252,950	\$ 8,878,640	\$ 437,100	5.2%
Supplies	4,027,191	5,156,065	5,713,315	5,284,890	128,825	2.5%
Services	11,972,064	14,163,935	14,392,745	19,686,410	5,522,475	39.0%
Capital Outlay	791,728	567,165	620,930	623,400	56,235	9.9%
Escrow	1,600,800	649,955	637,575	1,334,740	684,785	105.4%
Debt Service	22,908,653	27,871,880	27,372,280	28,671,760	799,880	2.9%
Total	\$ 48,562,166	\$ 56,850,540	\$ 56,989,795	\$ 64,479,840	\$ 7,629,300	13.4%

The FY23 Amended Budget for expenditures totals \$56,989,795, which is \$139,255 or 0.2% greater than the FY23 Original Budget of \$56,850,540. For the FY24 Proposed Budget, the total expenditures for Small Systems facilities requested are \$64,479,840, which is \$7,629,300 or 13.4% greater than the FY23 Original Budget. Major budget variances are explained below:

- Increase in Personnel of \$437,100 due to higher wages, insurance and retirement costs
- Increase in Supplies of \$128,825 driven by higher chemical costs
- Increase in Services of \$5,522,475 due to Shared Service budgets and allocations, increased cost for commercial property insurance due to higher valuations, growth in electric power based on forecasted usage and to perform pipeline maintenance and inspections as well as capacity assessments in some of the systems.
- Increase in Debt Service/Capital Improvement of \$799,880 is the net result of the following:
 - Bond issue for the construction of the Muddy Creek WWTP Operations Building Improvements and Expansion to 12.5 MGD in the Muddy Creek WWTP System
 - Bond issue for the Forney Mustang Creek Lift Station Phase II and Forney Mustang Creek Parallel Force Main
 - Increased FY24 debt service payments for Muddy Creek WWTP, Buffalo Creek Interceptor and Mustang Creek Interceptor related to previous bond issues

SMALL SYSTEMS EXPENDITURES



Small Systems Fund Balances

System Name	Fund	09/30/2023					09/30/2024	
		Projected Unencumbered Beginning Balance	Transfers from Operating	Interest Earnings	Expected Projects	Projected Unencumbered Ending Balance		
Plano Water Transmission Facilities	Contingency	\$ 58,050	\$ 7,000	\$ 1,255	\$ -	\$ 66,306		
Kaufman 4-1 Water Distribution Facilities	Reserve for Maintenance	\$ 27,809	\$ 10,505	\$ 601	\$ -	\$ 38,915		
South Rockwall WWTP	Preventative Maintenance	\$ 191,593	\$ -	\$ 4,144	\$ -	\$ 195,737		
South Rockwall WWTP	Reserve for Maintenance	\$ 44,524	\$ 70,000	\$ 963	\$ -	\$ 115,487		
North Rockwall WWTP	Reserve for Maintenance	\$ 1,516	\$ -	\$ 33	\$ -	\$ 1,549		
Panther Creek WWTP	Capital Improvement	\$ 431,273	\$ -	\$ 9,327	\$ -	\$ 440,600		
Panther Creek WWTP	Preventative Maintenance	\$ 278,253	\$ 80,735	\$ 6,018	\$ -	\$ 365,006		
Panther Creek WWTP	Contingency	\$ 104,284	\$ 80,000	\$ 2,255	\$ -	\$ 186,539		
Sabine Creek WWTP	Capital Improvement	\$ 4,863	\$ -	\$ 105	\$ -	\$ 4,968		
Sabine Creek WWTP	Preventative Maintenance	\$ 15,333	\$ 420,000	\$ 332	\$ (12,500)	\$ 423,165		
Sabine Creek WWTP	Contingency	\$ 55,903	\$ 150,000	\$ 1,209	\$ -	\$ 207,112		
Stewart Creek WWTP	Capital Improvement	\$ 116,743	\$ -	\$ 2,525	\$ -	\$ 119,268		
Stewart Creek WWTP	Preventative Maintenance	\$ 75,566	\$ 86,000	\$ 1,634	\$ -	\$ 163,200		
Stewart Creek WWTP	Contingency	\$ 96,337	\$ -	\$ 2,083	\$ -	\$ 98,420		
Muddy Creek WWTP	Capital Improvement	\$ 1,997	\$ -	\$ 43	\$ -	\$ 2,040		
Muddy Creek WWTP	Preventative Maintenance	\$ 81,838	\$ 5,000	\$ 1,770	\$ (15,395)	\$ 73,212		
Muddy Creek WWTP	Contingency	\$ 12,047	\$ 10,500	\$ 261	\$ -	\$ 22,808		
Seis Lagos WWTP	Preventative Maintenance	\$ 5,078	\$ 2,900	\$ 110	\$ -	\$ 8,088		
Seis Lagos WWTP	Reserve for Maintenance	\$ 12,507	\$ 5,000	\$ 270	\$ -	\$ 17,777		
Farmersville WWTP	Preventative Maintenance	\$ 6,804	\$ 5,000	\$ 147	\$ -	\$ 11,951		
Farmersville WWTP	Reserve for Maintenance	\$ 6,425	\$ 5,000	\$ 139	\$ -	\$ 11,564		
Lavon WWTP	Preventative Maintenance	\$ 11,501	\$ 5,000	\$ 249	\$ -	\$ 16,750		
Lavon WWTP	Reserve for Maintenance	\$ 27,932	\$ 5,000	\$ 604	\$ -	\$ 33,536		
Forney Interceptor	Preventative Maintenance	\$ 593,308	\$ 85,000	\$ 12,831	\$ -	\$ 691,140		
Forney Interceptor	Reserve for Maintenance	\$ 19,166	\$ -	\$ 415	\$ -	\$ 19,581		
Lower East Fork Interceptor	Preventative Maintenance	\$ 677,417	\$ -	\$ 14,651	\$ (410,000)	\$ 282,068		
Lower East Fork Interceptor	Contingency	\$ 26,591	\$ -	\$ 575	\$ -	\$ 27,166		

Small Systems Fund Balances (continued)

System Name	Fund	09/30/2023				Expected Projects	09/30/2024	
		Projected Unencumbered Beginning Balance	Transfers from Operating	Interest Earnings	Projected Unencumbered Ending Balance			
Muddy Creek Interceptor	Preventative Maintenance	\$ 393,587	\$ 1,000	\$ 8,512	\$ -	\$ 403,099		
Muddy Creek Interceptor	Contingency	\$ 24,823	\$ -	\$ 537	\$ -	\$ 25,360		
Parker Creek Interceptor	Capital Improvement	\$ 9,161	\$ 245,000	\$ 198	\$ -	\$ 254,359		
Parker Creek Interceptor	Preventative Maintenance	\$ 523,546	\$ 25,100	\$ 11,323	\$ -	\$ 559,968		
Parker Creek Interceptor	Contingency	\$ 4,413	\$ -	\$ 95	\$ -	\$ 4,508		
Sabine Creek Interceptor	Capital Improvement	\$ 7,189	\$ -	\$ 155	\$ -	\$ 7,345		
Sabine Creek Interceptor	Preventative Maintenance	\$ 466,726	\$ 25,000	\$ 10,094	\$ (270,000)	\$ 231,820		
Sabine Creek Interceptor	Contingency	\$ 31,554	\$ -	\$ 682	\$ -	\$ 32,237		
Buffalo Creek Interceptor	Capital Improvement	\$ 67,128	\$ -	\$ 1,452	\$ -	\$ 68,580		
Buffalo Creek Interceptor	Preventative Maintenance	\$ 927,769	\$ 200,000	\$ 20,065	\$ -	\$ 1,147,834		
Buffalo Creek Interceptor	Contingency	\$ 169,244	\$ -	\$ 3,660	\$ -	\$ 172,904		
McKinney Interceptor	Capital Improvement	\$ 2,852	\$ -	\$ 62	\$ -	\$ 2,914		
McKinney Interceptor	Preventative Maintenance	\$ 311,324	\$ 1,000	\$ 6,733	\$ -	\$ 319,057		
McKinney Interceptor	Reserve for Maintenance	\$ 16,280	\$ -	\$ 352	\$ -	\$ 16,632		
Mustang Creek Interceptor	Capital Improvement	\$ 216,684	\$ -	\$ 4,686	\$ -	\$ 221,371		
Mustang Creek Interceptor	Preventative Maintenance	\$ 484,795	\$ 15,000	\$ 10,485	\$ -	\$ 510,280		
Mustang Creek Interceptor	Contingency	\$ 11,128	\$ -	\$ 241	\$ -	\$ 11,369		
Parker Creek Parallel Interceptor	Capital Improvement	\$ 1,718	\$ -	\$ 37	\$ -	\$ 1,755		
Parker Creek Parallel Interceptor	Preventative Maintenance	\$ 95,731	\$ 35,000	\$ 2,070	\$ -	\$ 132,801		
Parker Creek Parallel Interceptor	Contingency	\$ 32,044	\$ -	\$ 693	\$ -	\$ 32,737		

Water Transmission Facilities

Overview

The Water Transmission Facilities deliver treated water to Member Cities and Customers water storage tanks after NTMWD provides water treatment to raw water. The Members and Customers take over delivering water through their distribution systems. These facilities include:

- Little Elm Water Transmission Facilities - Turned back over to Little Elm in FY24
- Plano Water Transmission Facilities
- Kaufman 4-1 Water Distribution Facilities
- Rockwall-Heath Water Storage Facilities
- Terrell Water Transmission Facilities
- Rockwall Water Pump Station Facilities

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Preserve assets by performing targeted assessments using state of the industry technologies, then establish short-term and long-term, proactive measures to address results.
- Exercise and maintain isolation valves to ensure operability.
- Continue the maintenance and replacement of combination air release valves (CAVs) on an annual, programmed basis.
- Improve predictive/preventative maintenance techniques.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Investigate and mitigate the potential of corrosion within the system.
- Develop and improve additional asset management initiatives to preserve and make informed decisions on repairing, replacing and maintaining assets.
- Safeguard our natural resources through understanding of regulations and potential hazards.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Partner with Member Cities on the operation and maintenance of this system.

Engage with operational staff of the Member Cities to increase awareness and understanding of one another's systems.

- Collaborate with members and customers to identify and implement capital improvements to water system facilities.

People: Build a talented, competent and committed team

- Participate actively and enthusiastically in understanding the unique requirements of this system.

Major Budget Drivers

- Electric Power
- Infrastructure maintenance, improvements and repairs

Little Elm Water Transmission Facilities

Revenues and Expenses

Little Elm Water Transmission Facilities	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
422001-Water Facilities	\$ 279,561	\$ 9,940	\$ 9,870	\$ -	\$ (9,940)	-100.0%
Total Wastewater Sales	\$ 279,561	\$ 9,940	\$ 9,870	\$ -	\$ (9,940)	-100.0%
Other						
440999-Miscellaneous Revenues	\$ 6	\$ -	\$ -	\$ -	\$ -	0.0%
Total Other	\$ 6	\$ -	\$ -	\$ -	\$ -	0.0%
441000-Interest Income	\$ 179	\$ 70	\$ 140	\$ -	\$ (70)	-100.0%
Revenues Total	\$ 279,746	\$ 10,010	\$ 10,010	\$ -	\$ (10,010)	-100.0%
Expenses Total	\$ (279,746)	\$ (10,010)	\$ (10,010)	\$ -	\$ 10,010	-100.0%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Little Elm Water Transmission Facilities	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies						
521600 - Pipeline Supplies	\$ -	\$ 2,000	\$ 1,985	\$ -	\$ (2,000)	-100.0%
Supplies Total	\$ -	\$ 2,000	\$ 1,985	\$ -	\$ (2,000)	-100.0%
Services						
531200 - Bank Service Fees	\$ 1	\$ 5	\$ 5	\$ -	\$ (5)	-100.0%
533100 - Administration	10	20	20	-	(20)	-100.0%
Shared Services	495	2,585	2,600	-	(2,585)	-100.0%
Services Total	\$ 506	\$ 2,610	\$ 2,625	\$ -	\$ (2,610)	-100.0%
Debt Service						
571000 - Tsf to I & S	\$ 270,300	\$ -	\$ -	\$ -	\$ -	0.0%
571010 - Tsf to Reserve	4,500	-	-	-	-	0.0%
579000 - Bond Service Fees	4,440	5,400	5,400	-	(5,400)	-100.0%
Debt Service Total	\$ 279,240	\$ 5,400	\$ 5,400	\$ -	\$ (5,400)	-100.0%
Grand Total	\$ 279,746	\$ 10,010	\$ 10,010	\$ -	\$ (10,010)	-100.0%

Major FY24 Budget Items

The department's FY24 Proposed Budget has decreased by \$10,010 from the FY23 Original Budget. Major variances are explained below:

- The District will no longer be maintaining the facility and will hand control back over to the City of Little Elm as debt has been paid off, so no expenses are budgeted for FY24.

Plano Water Transmission Facilities

Revenues and Expenses

Plano Water Transmission Facilities	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
422001-Water Facilities	\$ 2,812	\$ 86,335	\$ 294,030	\$ 1,747,580	\$ 1,661,245	1924.2%
Total Wastewater Sales	\$ 2,812	\$ 86,335	\$ 294,030	\$ 1,747,580	\$ 1,661,245	1924.2%
Other						
459100-Tfr from Escrow Fund	\$ 23,470	\$ -	\$ -	\$ -	\$ -	0.0%
Total Other	\$ 23,470	\$ -	\$ -	\$ -	\$ -	0.0%
441000-Interest Income	\$ 139	\$ 75	\$ 2,310	\$ 2,475	\$ 2,400	3200.0%
Revenues Total	\$ 26,422	\$ 86,410	\$ 296,340	\$ 1,750,055	\$ 1,663,645	1925.3%
Expenses Total	\$ (26,422)	\$ (86,410)	\$ (296,340)	\$ (1,750,055)	\$ (1,663,645)	1925.3%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Plano Water Transmission Facilities	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies						
521600 - Pipeline Supplies	\$ -	\$ 30,000	\$ 30,000	\$ 20,000	\$ (10,000)	-33.3%
Supplies Total	\$ -	\$ 30,000	\$ 30,000	\$ 20,000	\$ (10,000)	-33.3%
Services						
531300 - Engin/Consultant Svc	\$ -	\$ -	\$ -	\$ 1,662,000	\$ 1,662,000	0.0%
Shared Services	21,422	56,410	266,340	61,055	4,645	8.2%
Services Total	\$ 21,422	\$ 56,410	\$ 266,340	\$ 1,723,055	\$ 1,666,645	2954.5%
Escrow						
550650 - Escrow Acc	\$ 5,000	\$ -	\$ -	\$ -	\$ -	0.0%
550690 - Tsf to Contingency	-	-	-	7,000	7,000	0.0%
Escrow Total	\$ 5,000	\$ -	\$ -	\$ 7,000	\$ 7,000	0.0%
Grand Total	\$ 26,422	\$ 86,410	\$ 296,340	\$ 1,750,055	\$ 1,663,645	1925.3%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$1,663,645 from the FY23 Original Budget. Major variances are explained below:

- Engineering / Consultant Service increased for inspection of the Plano Ridgeview pipeline
- Escrow increased as a result of transfers to the Contingency Fund

Kaufman Four-One Water Distribution Facilities

Revenues and Expenses

Kaufman Four-One Water Distribution Facilities	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
422001-Water Facilities	\$ 123,279	\$ 150,690	\$ 148,790	\$ 163,690	\$ 13,000	8.6%
Total Wastewater Sales	\$ 123,279	\$ 150,690	\$ 148,790	\$ 163,690	\$ 13,000	8.6%
Other						
440140-Master Card Rebates	\$ 1	\$ -	\$ -	\$ -	\$ -	0.0%
440999-Miscellaneous Revenues	\$ 3	\$ -	\$ -	\$ -	\$ -	0.0%
Total Other	\$ 3	\$ -	\$ -	\$ -	\$ -	0.0%
441000-Interest Income	\$ 12	\$ 5	\$ 1,010	\$ 810	\$ 805	16100.0%
Revenues Total	\$ 123,294	\$ 150,695	\$ 149,800	\$ 164,500	\$ 13,805	9.2%
Expenses Total	\$ (123,294)	\$ (150,695)	\$ (149,800)	\$ (164,500)	\$ (13,805)	9.2%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Kaufman Four-One Water Distribution Facilities	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies						
520700 - Machine Oil & Lube	\$ -	\$ 410	\$ 410	\$ 410	\$ -	0.0%
521300 - Botanical Supplies	\$ -	\$ 50	\$ 50	\$ 50	\$ -	0.0%
521400 - Electrical Supplies	\$ 6,758	\$ 5,000	\$ 5,000	\$ 2,500	\$ (2,500)	-50.0%
521500 - Mechanical Supplies	\$ 53	\$ 2,000	\$ 2,000	\$ 2,000	\$ -	0.0%
521600 - Pipeline Supplies	\$ 14,507	\$ 26,000	\$ 26,000	\$ 56,000	\$ 30,000	115.4%
Supplies Total	\$ 21,318	\$ 33,460	\$ 33,460	\$ 60,960	\$ 27,500	82.2%
Services						
530400 - Fire & Exten Cov Ins	\$ 781	\$ 1,085	\$ 695	\$ 6,870	\$ 5,785	533.2%
531100 - Electric Power	\$ 27,338	\$ 45,000	\$ 45,000	\$ 35,000	\$ (10,000)	-22.2%
532200 - Equipment Maintenance	\$ 881	\$ -	\$ -	\$ -	\$ -	0.0%
532800 - Grounds Maintenance	\$ -	\$ 3,450	\$ 3,450	\$ 3,450	\$ -	0.0%
532900 - Electrical Sys Maint	\$ -	\$ 5,000	\$ 5,000	\$ 5,000	\$ -	0.0%
533100 - Administration	\$ 140	\$ 275	\$ 275	\$ -	\$ (275)	-100.0%
Shared Services	\$ 56,330	\$ 51,920	\$ 51,415	\$ 42,715	\$ (9,205)	-17.7%
Services Total	\$ 85,470	\$ 106,730	\$ 105,835	\$ 93,035	\$ (13,695)	-12.8%
Escrow						
550660 - Rsv for Maintenance	\$ 16,505	\$ 10,505	\$ 10,505	\$ 10,505	\$ -	0.0%
Escrow Total	\$ 16,505	\$ 10,505	\$ 10,505	\$ 10,505	\$ -	0.0%
Grand Total	\$ 123,294	\$ 150,695	\$ 149,800	\$ 164,500	\$ 13,805	9.2%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$13,805 from the FY23 Original Budget. Major variances are explained below:

- Pipeline Supplies increased to purchase two tank mixers
- Fire & Extended Coverage Insurance increased due to higher commercial property insurance premiums

Rockwall-Heath Water Storage Facilities

Revenues and Expenses

Rockwall-Heath Water Storage Facilities	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
422001-Water Facilities	\$ 236,197	\$ 237,375	\$ 236,660	\$ 160,235	\$ (77,140)	-32.5%
Total Wastewater Sales	\$ 236,197	\$ 237,375	\$ 236,660	\$ 160,235	\$ (77,140)	-32.5%
441000-Interest Income	\$ 124	\$ 75	\$ 710	\$ 610	\$ 535	713.3%
Revenues Total	\$ 236,321	\$ 237,450	\$ 237,370	\$ 160,845	\$ (76,605)	-32.3%
Expenses Total	\$ (236,321)	\$ (237,450)	\$ (237,370)	\$ (160,845)	\$ 76,605	-32.3%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Rockwall-Heath Water Storage Facilities	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services						
531200 - Bank Service Fees	\$ 1	\$ 5	\$ 5	\$ 5	\$ -	0.0%
Shared Services	560	655	675	1,050	395	60.3%
Services Total	\$ 561	\$ 660	\$ 680	\$ 1,055	\$ 395	59.8%
Debt Service						
571000 - Tsf to I & S	\$ 231,600	\$ 232,100	\$ 232,000	\$ 155,100	\$ (77,000)	-33.2%
579000 - Bond Service Fees	4,160	4,690	4,690	4,690	\$ -	0.0%
Debt Service Total	\$ 235,760	\$ 236,790	\$ 236,690	\$ 159,790	\$ (77,000)	-32.5%
Grand Total	\$ 236,321	\$ 237,450	\$ 237,370	\$ 160,845	\$ (76,605)	-32.3%

Major FY24 Budget Items

The department's FY24 Proposed Budget has decreased by \$76,605 from the FY23 Original Budget. Major variances are explained below:

- Debt Service decreased reflecting a lower payment for FY24

Terrell Water Transmission Facilities

Revenues and Expenses

Terrell Water Transmission Facilities	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
422001-Water Facilities	\$ 743,469	\$ 742,210	\$ 739,700	\$ 741,290	\$ (920)	-0.1%
Total Wastewater Sales	\$ 743,469	\$ 742,210	\$ 739,700	\$ 741,290	\$ (920)	-0.1%
441000-Interest Income	\$ 414	\$ 285	\$ 2,785	\$ 2,560	\$ 2,275	798.2%
Revenues Total	\$ 743,883	\$ 742,495	\$ 742,485	\$ 743,850	\$ 1,355	0.2%
Expenses Total	\$ (743,883)	\$ (742,495)	\$ (742,485)	\$ (743,850)	\$ (1,355)	0.2%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Terrell Water Transmission Facilities	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services						
531200 - Bank Service Fees	\$ 8	\$ 5	\$ 5	\$ 5	\$ -	0.0%
533100 - Administration	5	15	15	-	\$ (15)	-100.0%
Shared Services	2,080	1,385	1,375	1,155	\$ (230)	-16.6%
Services Total	\$ 2,093	\$ 1,405	\$ 1,395	\$ 1,160	\$ (245)	-17.4%
Debt Service						
571000 - Tsf to I & S	\$ 737,100	\$ 736,400	\$ 736,400	\$ 738,000	\$ 1,600	0.2%
579000 - Bond Service Fees	4,690	4,690	4,690	4,690	-	0.0%
Debt Service Total	\$ 741,790	\$ 741,090	\$ 741,090	\$ 742,690	\$ 1,600	0.2%
Grand Total	\$ 743,883	\$ 742,495	\$ 742,485	\$ 743,850	\$ 1,355	0.2%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$1,355 from the FY23 Original Budget. Major variances are explained below:

- No major variances.

Rockwall Water Pump Station Facilities

Revenues and Expenses

Rockwall Water Pump Station Facilities	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
422001-Water Facilities	\$ 174,063	\$ 174,185	\$ 173,495	\$ 174,835	\$ 650	0.4%
Total Wastewater Sales	\$ 174,063	\$ 174,185	\$ 173,495	\$ 174,835	\$ 650	0.4%
441000-Interest Income	\$ 94	\$ 55	\$ 670	\$ 620	\$ 565	1027.3%
Revenues Total	\$ 174,156	\$ 174,240	\$ 174,165	\$ 175,455	\$ 1,215	0.7%
Expenses Total	\$ (174,156)	\$ (174,240)	\$ (174,165)	\$ (175,455)	\$ (1,215)	0.7%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Rockwall Water Pump Station Facilities	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services						
531200 - Bank Service Fees	\$ 1	\$ 5	\$ 5	\$ 5	\$ -	0.0%
Shared Services	390	545	570	1,160	615	112.8%
Services Total	\$ 391	\$ 550	\$ 575	\$ 1,165	\$ 615	111.8%
Debt Service						
571000 - Tsf to I & S	\$ 169,900	\$ 169,000	\$ 168,900	\$ 169,600	\$ 600	0.4%
579000 - Bond Service Fees	3,865	4,690	4,690	4,690	\$ -	0.0%
Debt Service Total	\$ 173,765	\$ 173,690	\$ 173,590	\$ 174,290	\$ 600	0.3%
Grand Total	\$ 174,156	\$ 174,240	\$ 174,165	\$ 175,455	\$ 1,215	0.7%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$1,215 from the FY23 Original Budget. Major variances are explained below:

- No major variances.

Small Systems Wastewater Treatment Plants

Overview

The District owns and operates, or has an operations contract for nine wastewater treatment plants (WWTPs) in Small Systems. The plants are located in Collin, Denton and Rockwall counties. The treatment capacity of the plants range from 0.25 MGD to 10 MGD with a combined treatment capacity for the nine plants of 37.995 MGD. The plants provide wastewater treatment for the Cities of Farmersville, Fate, Lavon, Murphy, Royse City, Seis Lagos, Wylie and parts of Frisco and Rockwall that have a combined service population of approximately 265,000 residents.

Small Systems Wastewater Treatment Plant	Average Daily Rated Treatment Capacity	Communities Served
Panther Creek WWTP	10 MGD	Parts of Frisco
Stewart Creek WWTP	10 MGD	Wylie, Murphy
Muddy Creek WWTP	10 MGD	Royce City, Fate
Sabine Creek WWTP	3 MGD	Parts of Rockwall
Buffalo Creek WWTP	2.25 MGD	Seis Lagos
Squabble Creek WWTP	1.2 MGD	Farmersville
Seis Lagos WWTP	0.25 MGD	Lavon
Farmersville WWTP	0.755 MGD	
Lavon WWTP	0.50 MGD	

Dedicated staff housed in four departments provide daily operation and maintenance of these facilities: Panther Creek WWTP, Stewart Creek WWTP, Muddy Creek WWTP and Small Plants. The personnel within Small Plants rotate between the remaining six plants. Similarly, Panther Creek WWTP, Stewart Creek WWTP and Muddy Creek WWTP each have their own standalone budgets. The cities served by these plants contract and fund budgets for only the plants that serve them.

The six active plants in the Small Plants Department each have a standalone budget. Supplies, Services and Capital Outlay that are required for a specific plant in the Small Plants Department are charged to that plant's budget. Personnel, Supplies, Services and Capital Outlay costs that are not specific but shared by all six plants are allocated by percentage to the six budgets. The cities served by the Small Plants only contract and fund the budget associated with the plant that serves them.

FY2024 Department Objectives (Supporting Strategic Plan)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Apply proven technologies and processes to reliably and efficiently meet or surpass regulatory requirements.
- Leverage NTMWD's computerized maintenance management system (CMMS) to increase equipment reliability, effectiveness and efficiency and reduce equipment downtime and failures.
- Produce and maintain a Five-Year Plan to meet wastewater treatment needs today and in the future.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Treat wastewater from cities served in a manner that protects human health, protects the environment and supports economic growth.
- Leverage NTMWD's asset management system to maximize equipment function and service life.
- Manage budgets in a disciplined and transparent manner.
- Continually evaluate technologies and processes that could improve water quality, lower costs or improve operational efficiency.

Partnership: Actively collaborate with cities, partners, employees and stakeholders

- Continue to collaborate with cities served through increased dialogue and partnering efforts.
- Continue to operate plants in a manner that maintains a good neighbor status.

- Engage and communicate with cities served regarding wastewater services provided and future needs.

People: Build a talented, competent and committed team

- Continue to invest in comprehensive employee training/development programs.
- Provide safe facilities and working conditions.
- Attract and retain a highly qualified workforce through enhanced recruitment and competitive compensation.

Major Budget Drivers

While the budget drivers for individual plants may vary slightly, generally, the following items are significant portions of the overall budget for each of these plants.

- Chemicals
- Electric Power
- Personnel
- Equipment repair and replacement

South Rockwall (Buffalo Creek) Wastewater Treatment Plant**Revenues and Expenses**

South Rockwall WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 1,556,087	\$ 1,848,040	\$ 1,831,540	\$ 2,033,875	\$ 185,835	10.1%
Total Wastewater Sales	\$ 1,556,087	\$ 1,848,040	\$ 1,831,540	\$ 2,033,875	\$ 185,835	10.1%
Other						
440040-Recov of Prior Year Exp	\$ 2,437	\$ -	\$ -	\$ -	\$ -	0.0%
440110-Effluent	24,880	20,840	20,840	20,840	-	0.0%
440140-Master Card Rebates	868	-	-	-	-	0.0%
440999-Miscellaneous Revenue	751	-	-	-	-	0.0%
Total Other	\$ 28,936	\$ 20,840	\$ 20,840	\$ 20,840	\$ -	0.0%
441000-Interest Income	\$ 3,550	\$ 1,720	\$ 15,805	\$ 14,620	\$ 12,900	750.0%
Revenues Total	\$ 1,588,572	\$ 1,870,600	\$ 1,868,185	\$ 2,069,335	\$ 198,735	10.6%
Expenses Total	\$ (1,588,572)	\$ (1,870,600)	\$ (1,868,185)	\$ (2,069,335)	\$ (198,735)	10.6%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

South Rockwall WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages						
511060 - Overtime	\$ 146,185	\$ 169,945	\$ 165,370	\$ 175,675	\$ 5,730	3.4%
512000 - Social Security	16,541	15,245	20,245	15,245	-	0.0%
513000 - Workers' Comp Ins	11,853	13,015	13,365	13,450	435	3.3%
513020 - Hospitalization Ins	2,678	2,960	2,590	2,540	(420)	-14.2%
513040 - Dental Ins	44,729	52,020	52,020	59,240	7,220	13.9%
513060 - Life Ins	2,277	2,625	2,470	2,505	(120)	-4.6%
513070 - LT Disability Ins	358	415	380	370	(45)	-10.8%
514000 - Retirement	358	380	355	36,185	9,905	37.7%
514010 - Retiree - Insurance	23,380	26,280	33,555	11,230	2,640	30.7%
514020 - Comp Absences-vacation	7,505	8,590	10,750	3,445	1,105	47.2%
514030 - Comp Absences-sick	2,220	2,340	2,340	-	(800)	-100.0%
515000 - Cell Phone Stipend	-	800	800	1,120	10	0.9%
Personnel Total	\$ 259,714	\$ 295,345	\$ 305,520	\$ 321,700	\$ 26,355	8.9%
Supplies						
520100 - Office Supplies						
520110 - Computer Supplies	\$ 23	\$ 55	\$ 55	\$ 55	-	0.0%
520300 - Clothing Supplies	99	295	295	300	5	1.7%
520600 - Fuel, Oil and Lube	1,817	825	1,375	-	(825)	-100.0%
520610 - Generator Fuel	11	35	35	40	5	14.3%
520630 - Toll Fees	328	600	600	600	-	0.0%
520700 - Machine Oil & Lube	-	5	5	5	-	0.0%
	722	800	800	-	(800)	-100.0%

Expense Detail (continued)

South Rockwall WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
520800 - Small Tools & Equip	\$ 13,447	\$ 13,100	\$ 12,900	\$ 9,100	\$ (4,000)	-30.5%
520810 - Fire Extinguishers	384	400	600	400	-	0.0%
521000 - Laboratory Supplies	-	-	400	-	-	0.0%
521110 - Safety Supplies	298	3,015	2,615	510	(2,505)	-83.1%
521200 - Chem - Other	173	1,470	1,160	500	(970)	-66.0%
521203 - Chem - Chlorine	33,184	65,960	65,960	45,000	(20,960)	-31.8%
521210 - Chem - Hypochlorite	1,202	1,430	1,740	2,750	1,320	92.3%
521211 - Chem - Sulfur Dioxide	16,185	28,985	28,985	17,500	(11,485)	-39.6%
521215 - Chem - Bioxide	20,388	30,340	30,340	20,000	(10,340)	-34.1%
521400 - Electrical Supplies	19,207	14,000	26,000	14,000	-	0.0%
521500 - Mechanical Supplies	68,955	35,000	50,000	35,000	-	0.0%
521700 - Building Supplies	202	1,000	1,000	1,000	-	0.0%
521900 - Vehicle Supplies	-	5	5	5	-	0.0%
521910 - Tires and Tubes	-	15	15	20	5	33.3%
522000 - Equipment Supplies	-	2,550	2,150	500	(2,050)	-80.4%
522200 - Road Maint Supplies	-	1,200	1,200	1,600	400	33.3%
523660 - Small Plants Supplies	33,629	31,440	31,440	37,555	6,115	19.4%
Supplies Total	\$ 210,252	\$ 232,525	\$ 259,675	\$ 186,440	\$ (46,085)	-19.8%
Services						
530300 - Automotive Insurance	\$ 1,471	\$ 2,125	\$ 2,125	\$ 1,945	\$ (180)	-8.5%
530400 - Fire & Exten Cov Ins	634	880	565	12,750	11,870	1348.9%
530900 - General Liability Ins	148	165	165	115	(50)	-30.3%
531000 - Telephone	10,396	2,400	7,800	-	(2,400)	-100.0%
531020 - Internet Service	584	255	255	285	30	11.8%
531100 - Electric Power	101,539	140,000	140,000	120,000	(20,000)	-14.3%
531200 - Bank Service Fees	1	5	5	5	-	0.0%
531310 - Special Studies & Rpts	50,847	-	-	-	-	0.0%
531400 - Legal Service	6,585	4,000	4,000	8,500	4,500	112.5%
531700 - Advertising	1,499	300	300	300	-	0.0%
531800 - Rent or Lease Payment	295	1,610	1,610	1,615	5	0.3%
531900 - Travel and Training	205	705	705	550	(155)	-22.0%
532000 - Mem & Subscriptions	1,654	840	840	925	85	10.1%
532200 - Equipment Maintenance	5,991	11,500	77,400	14,500	3,000	26.1%
532220 - Pipeline Maintenance	-	-	-	91,060	91,060	0.0%
532230 - Facilities Maintenance	-	-	-	350,000	350,000	0.0%
532800 - Grounds Maintenance	3,448	5,160	5,160	7,920	2,760	53.5%
532900 - Electrical Sys Maint	17,916	12,000	12,000	26,000	14,000	116.7%
533000 - Other Services	246,575	372,000	264,000	1,000	(371,000)	-99.7%
533030 - Contractual Safety Serv	-	2,750	2,750	-	(2,750)	-100.0%
533100 - Administration	2,855	5,705	5,705	-	(5,705)	-100.0%
533380 - Odor Control Crew	384	1,000	1,000	1,000	-	0.0%
533500 - Lab Svc - Contract	7,304	8,280	8,280	7,580	(700)	-8.5%
533630 - Landfill Service Fees	5,884	4,425	4,425	4,425	-	0.0%
533640 - Hauling Fees	2,574	3,350	3,350	3,110	(240)	-7.2%
533660 - Small Plants Exp	24,857	23,155	22,880	18,695	(4,460)	-19.3%

Expense Detail (continued)

South Rockwall WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services (continued)						
533670 - Hauling and Dewatering	\$ 55,072	\$ 67,550	\$ 67,550	\$ 60,000	\$ (7,550)	-11.2%
533900 - Permits, Ins, & Lic Fees	15,630	16,115	16,115	16,115	-	0.0%
Shared Services	242,796	302,665	295,015	379,070	76,405	25.2%
Services Total	\$ 807,144	\$ 988,940	\$ 944,000	\$ 1,127,465	\$ 138,525	14.0%
Capital Outlay						
540500 - Machinery	\$ 48,200	\$ 12,000	\$ 12,000	\$ 80,000	\$ 68,000	566.7%
540700 - Non-Vehicle Equipment	-	-	5,200	-	-	0.0%
543660 - Small Plants Capital	12,373	9,800	9,800	28,420	18,620	190.0%
Capital Outlay Total	\$ 60,573	\$ 21,800	\$ 27,000	\$ 108,420	\$ 86,620	397.3%
Escrow						
550660 - Rsv for Maintenance	\$ -	\$ -	\$ -	\$ 70,000	\$ 70,000	0.0%
550700 - Prev Maint Escrow	-	80,100	80,100	-	(80,100)	-100.0%
Escrow Total	\$ -	\$ 80,100	\$ 80,100	\$ 70,000	\$ (10,100)	-12.6%
Debt Service						
571000 - Tsf to I & S	\$ 246,200	\$ 247,200	\$ 247,200	\$ 248,100	\$ 900	0.4%
579000 - Bond Service Fees	4,690	4,690	4,690	7,210	2,520	53.7%
Debt Service Total	\$ 250,890	\$ 251,890	\$ 251,890	\$ 255,310	\$ 3,420	1.4%
Grand Total	\$ 1,588,572	\$ 1,870,600	\$ 1,868,185	\$ 2,069,335	\$ 198,735	10.6%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$198,735 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- Facilities Maintenance is higher because expenses were reallocated from the Other Services account. Funds will be used for the rehabilitation of the biological treatment units (BTU) and for manhole rehabilitation and repairs.
- Pipeline Maintenance increased for the CMOM inspection of the Lakeside South Side A pipeline
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund
- Machinery increased to purchase bypass pump and a spare lift pump and stand
- Small Plants Capital increased due to a higher allocation for equipment purchases

North Rockwall (Squabble Creek) Wastewater Treatment Plant

Revenues and Expenses

North Rockwall WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 767,472	\$ 756,185	\$ 978,140	\$ 975,310	\$ 219,125	29.0%
Total Wastewater Sales	\$ 767,472	\$ 756,185	\$ 978,140	\$ 975,310	\$ 219,125	29.0%
Other						
440040-Recov of Prior Year Exp	\$ 1,402	\$ -	\$ -	\$ -	\$ -	0.0%
440140-Master Card Rebates	919	-	-	-	-	0.0%
440999-Miscellaneous Revenue	578	-	-	-	-	0.0%
Total Other	\$ 2,900	\$ -	\$ -	\$ -	\$ -	0.0%
441000-Interest Income	\$ 442	\$ 300	\$ 2,855	\$ 2,865	\$ 2,565	855.0%
Revenues Total	\$ 770,813	\$ 756,485	\$ 980,995	\$ 978,175	\$ 221,690	29.3%
Expenses Total	\$ (770,813)	\$ (756,485)	\$ (980,995)	\$ (978,175)	\$ (221,690)	29.3%
Net Revenues	\$ -	0.0%				

Expense Detail

North Rockwall WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 99,295	\$ 120,455	\$ 117,440	\$ 117,125	\$ (3,330)	-2.8%
511060 - Overtime	11,414	10,890	15,890	10,890	-	0.0%
512000 - Social Security	8,060	9,215	9,490	8,970	(245)	-2.7%
513000 - Workers' Comp Ins	1,839	2,090	1,845	1,690	(400)	-19.1%
513020 - Hospitalization Ins	30,491	37,175	37,175	39,610	2,435	6.6%
513040 - Dental Ins	1,563	1,865	1,765	1,665	(200)	-10.7%
513060 - Life Ins	243	295	265	235	(60)	-20.3%
513060 - LT Disability Ins	-	-	360	455	455	0.0%
514000 - Retirement	18,105	16,240	20,735	25,140	8,900	54.8%
514010 - Retiree - Insurance	5,810	5,310	6,645	7,800	2,490	46.9%
514020 - Comp Absences-vacation	2,725	1,540	1,540	2,315	775	50.3%
514030 - Comp Absences-sick	-	700	700	-	(700)	-100.0%
515000 - Cell Phone Stipend	675	800	800	745	(55)	-6.9%
Personnel Total	\$ 180,219	\$ 206,575	\$ 214,650	\$ 216,640	\$ 10,065	4.9%

Supplies	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies						
520300 - Clothing Supplies	\$ 1,210	\$ 590	\$ 990	\$ -	\$ (590)	-100.0%
520700 - Machine Oil & Lube	480	600	600	-	(600)	-100.0%
520800 - Small Tools & Equip	661	1,000	930	9,000	8,000	800.0%
520810 - Fire Extinguishers	153	160	230	160	-	0.0%
521110 - Safety Supplies	648	1,750	1,750	1,500	(250)	-14.3%
521200 - Chem - Other	30	100	100	100	-	0.0%
521203 - Chem - Chlorine	20,621	22,265	22,015	27,740	5,475	24.6%
521209 - Chem - Polymers	6,797	13,595	13,595	22,410	8,815	64.8%
521210 - Chem - Hypochlorite	558	860	1,110	2,200	1,340	155.8%

Expense Detail (continued)

North Rockwall WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
521211 - Chem - Sulfur Dioxide	\$ 16,772	\$ 18,195	\$ 18,195	\$ 24,260	\$ 6,065	33.3%
521215 - Chem - Bioxide	176,587	98,110	314,110	210,000	111,890	114.0%
521400 - Electrical Supplies	6,549	6,000	6,950	6,000	-	0.0%
521500 - Mechanical Supplies	27,178	18,100	52,100	18,100	-	0.0%
521700 - Building Supplies	-	1,000	-	1,000	-	0.0%
522000 - Equipment Supplies	-	2,025	25	1,000	(1,025)	-50.6%
522200 - Road Maint Supplies	-	1,200	-	1,600	400	33.3%
523000 - Other Supplies	1,739	2,500	1,700	4,350	1,850	74.0%
523660 - Small Plants Supplies	23,192	22,455	22,455	24,970	2,515	11.2%
Supplies Total	\$ 283,175	\$ 210,505	\$ 456,855	\$ 354,390	\$ 143,885	68.4%
Services						
530300 - Automotive Insurance	\$ 968	\$ 1,460	\$ 1,460	\$ 1,370	\$ (90)	-6.2%
530400 - Fire & Exten Cov Ins	723	1,005	645	15,350	14,345	1427.4%
530900 - General Liability Ins	100	115	115	85	(30)	-26.1%
531020 - Internet Service	150	90	90	90	-	0.0%
531100 - Electric Power	62,101	43,800	67,800	67,115	23,315	53.2%
531310 - Special Studies & Rpts	49	2,500	-	-	(2,500)	-100.0%
531400 - Legal Service	3,799	16,500	1,100	7,000	(9,500)	-57.6%
531700 - Advertising	1,596	2,300	300	300	(2,000)	-87.0%
531800 - Rent or Lease Payment	5,713	4,500	-	4,500	-	0.0%
531900 - Travel and Training	10	-	-	-	-	0.0%
532200 - Equipment Maintenance	1,801	3,500	2,750	3,500	-	0.0%
532800 - Grounds Maintenance	2,732	1,800	1,800	6,420	4,620	256.7%
532900 - Electrical Sys Maint	-	2,500	-	3,600	1,100	44.0%
533000 - Other Services	5,756	22,000	1,550	2,000	(20,000)	-90.9%
533100 - Administration	1,070	2,140	2,140	-	(2,140)	-100.0%
533380 - Odor Control Crew	-	500	500	500	-	0.0%
533500 - Lab Svc - Contract	4,362	5,000	5,000	5,000	-	0.0%
533630 - Landfill Service Fees	30,044	10,330	10,330	10,330	-	0.0%
533640 - Hauling Fees	9,990	7,520	7,520	12,690	5,170	68.8%
533660 - Small Plants Exp	17,143	16,540	16,345	12,430	(4,110)	-24.8%
533900 - Permits, Ins, & Lic Fees	8,112	8,345	8,345	8,345	-	0.0%
Shared Services	142,670	170,760	164,300	197,620	26,860	15.7%
Services Total	\$ 298,886	\$ 323,205	\$ 292,090	\$ 358,245	\$ 35,040	10.8%
Capital Outlay						
540500 - Machinery	\$ -	\$ 9,200	\$ 10,400	\$ 30,000	\$ 20,800	226.1%
543660 - Small Plants Capital	8,533	7,000	7,000	18,900	11,900	170.0%
Capital Outlay Total	\$ 8,533	\$ 16,200	\$ 17,400	\$ 48,900	\$ 32,700	201.9%
Grand Total	\$ 770,813	\$ 756,485	\$ 980,995	\$ 978,175	\$ 221,690	29.3%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$221,690 from the FY23 Original Budget. Major variances are explained below:

- An overall increase in Chemicals due to higher chemical costs
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund
- Electric Power increased based on forecasted usage and higher costs
- Machinery increased to purchase a spare floating aerator and spare rollers, which are required since there is no back-up press
- Small Plants Capital increased due to a higher allocation for equipment purchases

Panther Creek Wastewater Treatment Plant

Position Summary

Panther Creek WWTP		FY23	FY24	Difference
Full-Time Positions				
Information Systems Assistant		1.0	1.0	-
Lead Wastewater Plant Operator		2.0	2.0	-
Sewer System Plants Manager		1.0	1.0	-
Wastewater Plant Operator II		8.0	8.0	-
Wastewater Plant Operator III		4.0	4.0	-
Wastewater Plant Supervisor I		1.0	1.0	-
Wastewater Plant Supervisor II		1.0	-	(1.0)
Wastewater Plant Supervisor III		-	0.5	0.5
Total Full-Time Positions		18.0	17.5	(0.5)

Revenues and Expenses

Panther Creek WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 10,057,875	\$ 10,384,810	\$ 10,312,880	\$ 11,035,490	\$ 650,680	6.3%
Total Wastewater Sales	\$ 10,057,875	\$ 10,384,810	\$ 10,312,880	\$ 11,035,490	\$ 650,680	6.3%
Other						
440040-Recov of Prior Yr Exp	\$ 15,723	\$ -	\$ -	\$ -	\$ -	0.0%
440140-Master Card Rebates	6,033	-	-	-	-	0.0%
440999-Miscellaneous Revenue	648	-	-	-	-	0.0%
Total Other	\$ 22,404	\$ -	\$ -	\$ -	\$ -	0.0%
441000-Interest Income	\$ 10,359	\$ 6,105	\$ 43,980	\$ 40,950	\$ 34,845	570.8%
Revenues Total	\$ 10,090,638	\$ 10,390,915	\$ 10,356,860	\$ 11,076,440	\$ 685,525	6.6%
Expenses Total	\$ (10,090,638)	\$ (10,390,915)	\$ (10,356,860)	\$ (11,076,440)	\$ (685,525)	6.6%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Panther Creek WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages						
510000 - Wages	\$ 1,103,953	\$ 1,252,900	\$ 1,215,670	\$ 1,254,895	\$ 1,995	0.2%
511060 - Overtime	96,835	60,000	70,000	125,000	65,000	108.3%
512000 - Social Security	87,352	95,840	96,995	95,995	155	0.2%
513000 - Workers' Comp Ins	20,675	22,915	19,670	19,055	(3,860)	-16.8%
513020 - Hospitalization Ins	274,491	315,665	315,665	326,200	10,535	3.3%
513040 - Dental Ins	12,443	13,550	13,765	13,555	5	0.0%
513060 - Life Ins	2,677	3,065	2,805	2,680	(385)	-12.6%
513060 - LT Disability Ins	-	-	5,945	4,795	4,795	0.0%
514000 - Retirement	167,985	173,525	221,580	261,635	88,110	50.8%
514010 - Retiree - Insurance	53,945	56,725	71,000	81,200	24,475	43.1%

Expense Detail (continued)

Panther Creek WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel (continued)						
514020 - Comp Absences-vacation	\$ 19,900	\$ 7,760	\$ 7,760	\$ 125	\$ (7,635)	-98.4%
514030 - Comp Absences-sick	-	3,545	3,545	-	(3,545)	-100.0%
515000 - Cell Phone Stipend	7,126	8,015	8,005	7,815	(200)	-2.5%
Personnel Total	\$ 251,633	\$ 252,635	\$ 320,640	\$ 358,250	\$ 105,615	41.8%
Supplies						
520100 - Office Supplies	\$ 1,637	\$ 1,885	\$ 1,885	\$ 1,880	\$ (5)	-0.3%
520110 - Computer Supplies	5,073	9,475	9,475	6,950	(2,525)	-26.6%
520300 - Clothing Supplies	9,241	8,200	8,200	8,200	-	0.0%
520600 - Fuel, Oil and Lube	9,726	7,040	7,040	7,035	(5)	-0.1%
520610 - Generator Fuel	-	5,340	3,065	3,075	(2,265)	-42.4%
520630 - Toll Fees	1,485	1,035	1,535	1,535	500	48.3%
520700 - Machine Oil & Lube	3,547	2,980	2,980	2,985	5	0.2%
520800 - Small Tools & Equip	10,350	12,660	12,660	12,660	-	0.0%
520810 - Fire Extinguishers	-	400	400	400	-	0.0%
520900 - Janitorial Supplies	3,289	2,500	2,500	2,500	-	0.0%
521000 - Laboratory Supplies	4,067	5,735	5,735	6,000	265	4.6%
521100 - Medical Supplies	69	575	575	575	-	0.0%
521110 - Safety Supplies	11,290	6,915	6,915	7,265	350	5.1%
521200 - Chem - Other	2,018	5,775	5,775	3,215	(2,560)	-44.3%
521203 - Chem - Chlorine	-	620	620	620	-	0.0%
521209 - Chem - Polymers	42,090	51,200	51,200	53,455	2,255	4.4%
521210 - Chem - Hypochlorite	15,537	42,980	42,980	14,520	(28,460)	-66.2%
521212 - Chem - Liq Ferr Sulfate	53,632	100,800	100,800	15,450	(85,350)	-84.7%
521215 - Chem - Bioxide	497,570	559,800	559,800	653,850	94,050	16.8%
521300 - Botanical Supplies	-	2,500	2,500	2,500	-	0.0%
521400 - Electrical Supplies	110,872	112,650	104,650	108,450	(4,200)	-3.7%
521500 - Mechanical Supplies	107,910	195,950	192,945	172,700	(23,250)	-11.9%
521700 - Building Supplies	1,230	1,500	4,000	1,500	-	0.0%
521900 - Vehicle Supplies	1,347	2,035	2,035	2,035	-	0.0%
521910 - Tires and Tubes	1,511	4,530	4,530	2,250	(2,280)	-50.3%
522000 - Equipment Supplies	10,633	9,600	9,600	18,100	8,500	88.5%
522100 - Welding Supplies	-	650	650	-	(650)	-100.0%
523000 - Other Supplies	20,406	22,510	22,510	22,170	(340)	-1.5%
Supplies Total	\$ 924,531	\$ 1,177,840	\$ 1,167,560	\$ 1,131,875	\$ (45,965)	-3.9%
Services						
530300 - Automotive Insurance	\$ 1,820	\$ 2,020	\$ 2,020	\$ 1,425	\$ (595)	-29.5%
530400 - Fire & Exten Cov Ins	60,820	84,425	65,530	78,405	(6,020)	-7.1%
530900 - General Liability Ins	1,297	1,185	1,185	2,500	1,315	111.0%
531000 - Telephone	-	7,100	7,100	-	(7,100)	-100.0%
531020 - Internet Service	26,951	33,385	33,385	30,695	(2,690)	-8.1%
531100 - Electric Power	650,918	557,000	557,000	675,000	118,000	21.2%
531110 - Nat Gas, Butane & Kero	858	1,155	1,155	1,155	-	0.0%
531200 - Bank Service Fees	23	40	40	40	-	0.0%
531310 - Special Studies & Rpts	325	10,000	-	7,700	(2,300)	-23.0%

Expense Detail (continued)

Panther Creek WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services (continued)						
531400 - Legal Service	\$ 4,653	\$ 6,000	\$ 6,000	\$ 10,250	\$ 4,250	70.8%
531520 - Employee Programs	-	-	505	-	-	0.0%
531700 - Advertising	16	300	300	300	-	0.0%
531800 - Rent or Lease Payment	3,911	7,075	7,075	7,060	(15)	-0.2%
531900 - Travel and Training	10,689	17,160	17,160	20,355	3,195	18.6%
532000 - Mem & Subscriptions	8,764	4,535	4,535	4,855	320	7.1%
532100 - Vehicle Maint	314	2,000	2,000	2,000	-	0.0%
532110 - Veh Maint by Solid Waste	1,620	1,000	1,770	1,000	-	0.0%
532200 - Equipment Maintenance	29,209	35,905	55,905	33,100	(2,805)	-7.8%
532800 - Grounds Maintenance	25,019	19,600	19,600	38,500	18,900	96.4%
532850 - Building Maintenance	7,930	20,360	20,360	10,360	(10,000)	-49.1%
532900 - Electrical Sys Maint	12,397	23,000	23,000	23,000	-	0.0%
533000 - Other Services	90,887	29,200	29,200	84,415	55,215	189.1%
533030 - Contractual Safety Serv	-	9,370	9,370	1,120	(8,250)	-88.0%
533100 - Administration	9,555	19,110	19,110	-	(19,110)	-100.0%
533380 - Odor Control Crew	612	3,500	3,500	500	(3,000)	-85.7%
533500 - Lab Svc - Contract	9,004	11,490	11,490	11,490	-	0.0%
533630 - Landfill Service Fees	250,714	304,150	304,150	304,150	-	0.0%
533640 - Hauling Fees	84,816	120,750	120,750	126,000	5,250	4.3%
533900 - Permits, Ins, & Lic Fees	45,888	47,355	47,355	47,355	-	0.0%
534000 - Uninsured losses	-	-	5,930	-	-	0.0%
Shared Services	1,118,494	1,344,785	1,303,000	1,739,390	394,605	29.3%
Services Total	\$ 2,457,504	\$ 2,722,955	\$ 2,679,480	\$ 3,262,120	\$ 539,165	19.8%
Capital Outlay						
540300 - Vehicle Equipment	\$ 13,085	\$ 46,405	\$ 46,405	-	\$ (46,405)	-100.0%
540500 - Machinery	-	35,000	15,800	-	(35,000)	-100.0%
540700 - Non-Vehicle Equipment	9,170	-	-	-	-	0.0%
Capital Outlay Total	\$ 22,255	\$ 81,405	\$ 62,205	-	\$ (81,405)	-100.0%
Escrow						
550690 - Tsf to Contingency	\$ -	\$ -	\$ -	\$ 80,000	\$ 80,000	0.0%
550700 - Prev Maint Escrow	175,070	61,830	61,830	80,735	18,905	30.6%
Escrow Total	\$ 175,070	\$ 61,830	\$ 61,830	\$ 160,735	\$ 98,905	160.0%
Capital Improvement						
573010 - Tsf to Capital Impr	\$ 305,726	\$ -	\$ -	-	-	0.0%
Capital Improvement Total	\$ 305,726	\$ -	\$ -	-	-	0.0%
Debt Service						
571000 - Tsf to I & S	\$ 4,349,100	\$ 4,317,000	\$ 4,317,000	\$ 4,317,500	\$ 500	0.0%
579000 - Bond Service Fees	9,070	16,380	16,380	11,260	(5,120)	-31.3%
Debt Service Total	\$ 4,358,170	\$ 4,333,380	\$ 4,333,380	\$ 4,328,760	\$ (4,620)	-0.1%
Grand Total	\$ 10,090,638	\$ 10,390,915	\$ 10,356,860	\$ 11,076,440	\$ 685,525	6.6%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$685,525 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Overtime and Retirement costs
- Electric Power increased based on forecasted usage and higher costs
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund
- Other Services increased for carbon can media replacements
- Escrow is higher due to increased transfers to the Preventative Maintenance Fund and the Contingency Fund

Sabine Creek Wastewater Treatment Plant**Revenues and Expenses**

Sabine Creek WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 3,196,711	\$ 6,832,915	\$ 7,062,285	\$ 6,793,155	\$ (39,760)	-0.6%
Total Wastewater Sales	\$ 3,196,711	\$ 6,832,915	\$ 7,062,285	\$ 6,793,155	\$ (39,760)	-0.6%
Other						
440040-Recov of Prior Year Exp	\$ 2,646	\$ -	\$ -	\$ -	\$ -	0.0%
440070-Rental/Lease Income	\$ 100	\$ -	\$ -	\$ -	\$ -	0.0%
440140-Master Card Rebates	\$ 1,669	\$ -	\$ -	\$ -	\$ -	0.0%
440999-Miscellaneous Revenue	\$ 3,630	\$ -	\$ -	\$ -	\$ -	0.0%
459100-Tfr from Escrow Fund	\$ -	\$ 12,500	\$ 51,070	\$ 12,500	\$ -	0.0%
Total Other	\$ 8,045	\$ 12,500	\$ 51,070	\$ 12,500	\$ -	0.0%
441000-Interest Income	\$ 2,408	\$ 1,585	\$ 23,760	\$ 23,155	\$ 21,570	1360.9%
Revenues Total	\$ 3,207,164	\$ 6,847,000	\$ 7,137,115	\$ 6,828,810	\$ (18,190)	-0.3%
Expenses Total	\$ (3,207,164)	\$ (6,847,000)	\$ (7,137,115)	\$ (6,828,810)	\$ 18,190	-0.3%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Sabine Creek WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
Personnel						
510000 - Wages	\$ 185,930	\$ 213,205	\$ 207,705	\$ 224,935	\$ 11,730	5.5%
511060 - Overtime	\$ 20,562	\$ 18,775	\$ 30,775	\$ 18,775	\$ -	0.0%
512000 - Social Security	\$ 15,078	\$ 16,300	\$ 16,770	\$ 17,205	\$ 905	5.6%
513000 - Workers' Comp Ins	\$ 3,327	\$ 3,645	\$ 3,185	\$ 3,210	\$ (435)	-11.9%
513020 - Hospitalization Ins	\$ 55,559	\$ 64,150	\$ 64,150	\$ 74,995	\$ 10,845	16.9%
513040 - Dental Ins	\$ 2,837	\$ 3,225	\$ 3,045	\$ 3,170	\$ (55)	-1.7%
513060 - Life Ins	\$ 461	\$ 515	\$ 475	\$ 470	\$ (45)	-8.7%
513070 - LT Disability Ins	\$ -	\$ -	\$ 635	\$ 885	\$ 885	0.0%
514000 - Retirement	\$ 27,585	\$ 30,895	\$ 39,455	\$ 45,895	\$ 15,000	48.6%
514010 - Retiree - Insurance	\$ 8,860	\$ 10,100	\$ 12,640	\$ 14,245	\$ 4,145	41.0%
514020 - Comp Absences-vacation	\$ 5,425	\$ 2,960	\$ 2,960	\$ 4,560	\$ 1,600	54.1%
514030 - Comp Absences-sick	\$ -	\$ 1,140	\$ 1,140	\$ -	\$ (1,140)	-100.0%
515000 - Cell Phone Stipend	\$ 1,240	\$ 1,400	\$ 1,400	\$ 1,465	\$ 65	4.6%
Personnel Total	\$ 326,864	\$ 366,310	\$ 384,335	\$ 409,810	\$ 43,500	11.9%
Supplies						
520100 - Office Supplies	\$ 1,077	\$ 2,055	\$ 2,055	\$ 2,055	\$ -	0.0%
520110 - Computer Supplies	\$ 1,258	\$ 900	\$ 900	\$ 905	\$ 5	0.6%
520300 - Clothing Supplies	\$ 2,439	\$ 1,020	\$ 1,720	\$ -	\$ (1,020)	-100.0%
520600 - Fuel, Oil and Lube	\$ -	\$ 35	\$ 35	\$ 40	\$ 5	14.3%
520610 - Generator Fuel	\$ 567	\$ 780	\$ 825	\$ 780	\$ -	0.0%
520630 - Toll Fees	\$ -	\$ 5	\$ 5	\$ 5	\$ -	0.0%
520700 - Machine Oil & Lube	\$ 1,298	\$ 4,000	\$ 3,955	\$ -	\$ (4,000)	-100.0%
520800 - Small Tools & Equip	\$ 548	\$ 4,000	\$ 2,000	\$ 4,000	\$ -	0.0%

Expense Detail (continued)

Sabine Creek WWTP		2021-22		2022-23		2022-23		2023-24		Variance \$	Variance %
Expense Category		Actual		Original Budget		Amended Budget		Proposed Budget	To Original Budget	To Original Budget	
Supplies (continued)											
520810 - Fire Extinguishers	\$ 384	\$ 400	\$ 575	\$ 400	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 0.0%	
520900 - Janitorial Supplies	330	1,200	300	1,200						0.0%	
521000 - Laboratory Supplies	619	2,000	2,000	2,000						0.0%	
521110 - Safety Supplies	356	2,020	520	1,015	(1,005)					-49.8%	
521200 - Chem - Other	675	600	600	600						0.0%	
521203 - Chem - Chlorine	3,596	5,295	5,040	4,160	(1,135)					-21.4%	
521209 - Chem - Polymers	20,608	42,975	55,625	40,820	(2,155)					-5.0%	
521210 - Chem - Hypochlorite	1,347	1,720	3,125	3,300	1,580					91.9%	
521400 - Electrical Supplies	33,224	28,000	50,155	41,000	13,000					46.4%	
521500 - Mechanical Supplies	42,496	34,020	152,595	39,420	5,400					15.9%	
521700 - Building Supplies	3,831	4,250	1,595	2,750	(1,500)					-35.3%	
521900 - Vehicle Supplies	71	5	5	5						0.0%	
521910 - Tires and Tubes	-	15	15	15						0.0%	
522000 - Equipment Supplies	2,929	5,025	-	-	(5,025)					-100.0%	
522200 - Road Maint Supplies	670	2,400	-	3,200	800					33.3%	
523000 - Other Supplies	8,774	8,000	12,600	8,000	-					0.0%	
523660 - Small Plants Supplies	41,746	38,715	38,715	47,535	8,820					22.8%	
Supplies Total	\$ 168,842	\$ 189,435	\$ 334,960	\$ 203,205	\$ 13,770	\$ 7.3%					
Services											
530300 - Automotive Insurance	\$ 2,350	\$ 3,405	\$ 3,405	\$ 3,080	\$ (325)						-9.5%
530400 - Fire & Exten Cov Ins	4,195	5,820	3,585	22,595	16,775						288.2%
530900 - General Liability Ins	2,265	7,255	7,255	4,020	(3,235)						-44.6%
531000 - Telephone	17,801	4,080	3,980	240	(3,840)						-94.1%
531020 - Internet Service	330	1,480	180	550	(930)						-62.8%
531100 - Electric Power	234,891	200,000	259,100	240,000	40,000						20.0%
531120 - Retail Water Service	1,294	1,200	1,400	1,200	-						0.0%
531200 - Bank Service Fees	1	5	105	5	-						0.0%
531310 - Special Studies & Rpts	15,730	80,000	75,000	30,000	(50,000)						-62.5%
531400 - Legal Service	7,659	41,000	6,000	16,500	(24,500)						-59.8%
531700 - Advertising	1,387	2,300	2,300	2,400	100						4.3%
531800 - Rent or Lease Payment	575	210	280	205	(5)						-2.4%
531900 - Travel and Training	331	1,105	1,035	840	(265)						-24.0%
532000 - Mem & Subscriptions	1,749	840	840	910	70						8.3%
532110 - Veh Maint by Solid Waste	26	-	-	-	-						0.0%
532200 - Equipment Maintenance	34,529	27,100	73,100	29,500	2,400						8.9%
532230 - Facilities Maintenance	-	-	-	2,000	2,000						0.0%
532800 - Grounds Maintenance	3,080	3,250	3,250	5,120	1,870						57.5%
532850 - Building Maintenance	-	2,390	390	2,390	-						0.0%
532900 - Electrical Sys Maint	2,558	24,000	9,570	24,000	-						0.0%
533000 - Other Services	85,386	23,220	8,225	54,220	31,000						133.5%
533100 - Administration	2,315	4,625	4,625	-	(4,625)						-100.0%
533380 - Odor Control Crew	-	100	50	100	-						0.0%
533500 - Lab Svc - Contract	3,840	8,300	8,300	5,000	(3,300)						-39.8%
533630 - Landfill Service Fees	142,192	89,420	89,420	75,000	(14,420)						-16.1%
533640 - Hauling Fees	72,162	73,080	73,080	75,000	1,920						2.6%

Expense Detail (continued)

Sabine Creek WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services (continued)						
533660 - Small Plants Exp	\$ 30,857	\$ 28,510	\$ 28,180	\$ 23,665	\$ (4,845)	-17.0%
533900 - Permits, Ins, & Lic Fees	19,831	30,835	19,835	22,430	(8,405)	-27.3%
Shared Services	340,531	458,135	509,670	392,285	(65,850)	-14.4%
Services Total	\$ 1,027,865	\$ 1,121,665	\$ 1,192,160	\$ 1,033,255	\$ (88,410)	-7.9%
Capital Outlay						
540300 - Vehicle Equipment	\$ 236	\$ -	\$ -	\$ -	\$ -	0.0%
540500 - Machinery	82,177	9,600	65,670	99,200	89,600	933.3%
543660 - Small Plants Capital	15,360	12,070	12,070	35,980	23,910	198.1%
Capital Outlay Total	\$ 97,773	\$ 21,670	\$ 77,740	\$ 135,180	\$ 113,510	523.8%
Escrow						
550690 - Tsf to Contingency	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000	0.0%
550700 - Prev Maint Escrow	-	-	-	420,000	420,000	0.0%
Escrow Total	\$ -	\$ -	\$ -	\$ 570,000	\$ 570,000	0.0%
Debt Service						
571000 - Tsf to I & S	\$ 1,577,100	\$ 5,136,800	\$ 5,136,800	\$ 4,466,100	\$ (670,700)	-13.1%
579000 - Bond Service Fees	8,720	11,120	11,120	11,260	140	1.3%
Debt Service Total	\$ 1,585,820	\$ 5,147,920	\$ 5,147,920	\$ 4,477,360	\$ (670,560)	-13.0%
Grand Total	\$ 3,207,164	\$ 6,847,000	\$ 7,137,115	\$ 6,828,810	\$ (18,190)	-0.3%

Major FY24 Budget Items

The department's FY24 Proposed Budget has decreased by \$18,190 from the FY23 Original Budget. Major variances are explained below:

- Escrow is higher due to increased transfers to the Preventative Maintenance Fund and the Contingency Fund
- Debt service decreased reflecting a slightly lower payment in FY24

Stewart Creek Wastewater Treatment Plant

Position Summary

Stewart Creek WWTP		FY23	FY24	Difference
Full-Time Positions				
Information Systems Assistant		1.0	1.0	-
Lead Wastewater Plant Operator		2.0	2.0	-
Professional Engineer		1.0	1.0	-
Wastewater Mechanic		1.0	1.0	-
Wastewater Plant Operator II		8.0	8.0	-
Wastewater Plant Operator III		4.0	4.0	-
Wastewater Plant Supervisor I		1.0	1.0	-
Wastewater Plant Supervisor II		1.0	-	(1.0)
Wastewater Plant Supervisor III		-	0.5	0.5
Total Full-Time Positions		19.0	18.5	(0.5)

Revenues and Expenses

Stewart Creek WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 10,388,600	\$ 11,291,440	\$ 11,013,935	\$ 11,811,495	\$ 520,055	4.6%
Total Wastewater Sales	\$ 10,388,600	\$ 11,291,440	\$ 11,013,935	\$ 11,811,495	\$ 520,055	4.6%
Other						
440040-Recov of Prior Yr Exp	\$ 13,892	\$ -	\$ -	\$ -	\$ -	0.0%
440140-Master Card Rebates	4,096	-	-	-	-	0.0%
440999-Miscellaneous Revenue	1,833	-	-	-	-	0.0%
459100-Tfr from Escrow Fund	-	-	216,810	-	-	0.0%
Total Other	\$ 19,821	\$ -	\$ 216,810	\$ -	\$ -	0.0%
441000-Interest Income	\$ 11,671	\$ 6,775	\$ 66,120	\$ 61,700	\$ 54,925	810.7%
Revenues Total	\$ 10,420,092	\$ 11,298,215	\$ 11,296,865	\$ 11,873,195	\$ 574,980	5.1%
Expenses Total	\$ (10,420,092)	\$ (11,298,215)	\$ (11,296,865)	\$ (11,873,195)	\$ (574,980)	5.1%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Stewart Creek WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages						
511060 - Overtime	\$ 938,118	\$ 1,281,295	\$ 1,055,980	\$ 1,157,470	\$ (123,825)	-9.7%
512000 - Social Security	134,306	110,000	110,000	110,000	-	0.0%
513000 - Workers' Comp Ins	78,518	98,015	85,335	88,535	(9,480)	-9.7%
513010 - Unemployment Ins	18,693	24,010	17,310	17,795	(6,215)	-25.9%
513020 - Hospitalization Ins	3,115	-	-	-	-	0.0%
513040 - Dental Ins	230,403	292,655	292,655	324,330	31,675	10.8%
513060 - Life Ins	9,692	12,600	10,995	13,345	745	5.9%
513070 - LT Disability Ins	2,303	3,145	2,355	2,500	(645)	-20.5%
514000 - Retirement	-	-	4,400	4,460	4,460	0.0%
514010 - Retiree - Insurance	152,325	174,215	222,465	234,375	60,160	34.5%
	48,915	56,950	71,285	72,740	15,790	27.7%

Expense Detail (continued)

Stewart Creek WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel (continued)						
514020 - Comp Absences-vacation	\$ 31,120	\$ 1,125	\$ 1,125	\$ 18,620	\$ 17,495	1555.1%
514030 - Comp Absences-sick	-	10,905	10,905	19,695	8,790	80.6%
515000 - Cell Phone Stipend	5,893	7,970	7,645	8,240	270	3.4%
Personnel Total	\$ 1,653,401	\$ 2,072,885	\$ 1,892,455	\$ 2,072,105	\$ (780)	0.0%
Supplies						
520100 - Office Supplies	\$ (2,778)	\$ 6,255	\$ 6,255	\$ 1,240	\$ (5,015)	-80.2%
520110 - Computer Supplies	5,020	8,240	8,240	8,435	195	2.4%
520300 - Clothing Supplies	10,805	13,555	13,555	13,865	310	2.3%
520600 - Fuel, Oil and Lube	14,385	10,055	10,055	10,045	(10)	-0.1%
520610 - Generator Fuel	5,923	17,000	17,000	10,200	(6,800)	-40.0%
520630 - Toll Fees	1,603	1,530	1,530	2,030	500	32.7%
520700 - Machine Oil & Lube	749	9,200	9,200	1,305	(7,895)	-85.8%
520800 - Small Tools & Equip	29,779	32,030	32,030	18,030	(14,000)	-43.7%
520810 - Fire Extinguishers	-	900	900	900	-	0.0%
520900 - Janitorial Supplies	2,223	3,500	3,500	3,500	-	0.0%
521000 - Laboratory Supplies	21,980	23,435	23,435	14,175	(9,260)	-39.5%
521100 - Medical Supplies	-	1,955	1,955	1,455	(500)	-25.6%
521110 - Safety Supplies	7,445	24,190	24,190	8,090	(16,100)	-66.6%
521200 - Chem - Other	2,606	13,160	2,825	1,860	(11,300)	-85.9%
521203 - Chem - Chlorine	19,819	12,600	22,935	20,625	8,025	63.7%
521209 - Chem - Polymers	48,313	75,950	74,950	83,500	7,550	9.9%
521210 - Chem - Hypochlorite	25,487	18,880	27,880	20,330	1,450	7.7%
521212 - Chem - Liq Ferr Sulfate	182,568	288,000	288,000	200,000	(88,000)	-30.6%
521214 - Chem - Caustic	3,982	14,535	14,535	4,880	(9,655)	-66.4%
521215 - Chem - Bioxide	467,482	500,310	500,310	706,130	205,820	41.1%
521300 - Botanical Supplies	-	1,000	1,000	-	(1,000)	-100.0%
521400 - Electrical Supplies	87,610	81,500	81,500	134,500	53,000	65.0%
521500 - Mechanical Supplies	203,300	315,625	396,580	313,750	(1,875)	-0.6%
521700 - Building Supplies	339	13,500	5,500	18,000	4,500	33.3%
521900 - Vehicle Supplies	2,597	4,030	4,030	4,030	-	0.0%
521910 - Tires and Tubes	1,169	4,640	4,090	1,995	(2,645)	-57.0%
522000 - Equipment Supplies	90	4,000	35,550	4,000	-	0.0%
522100 - Welding Supplies	186	750	750	750	-	0.0%
522200 - Road Maint Supplies	-	1,000	1,000	1,000	-	0.0%
523000 - Other Supplies	44,241	35,900	35,900	35,900	-	0.0%
Supplies Total	\$ 1,186,924	\$ 1,537,225	\$ 1,649,180	\$ 1,644,520	\$ 107,295	7.0%
Services						
530300 - Automotive Insurance	\$ 1,241	\$ 1,930	\$ 1,930	\$ 1,330	\$ (600)	-31.1%
530400 - Fire & Exten Cov Ins	9,660	13,410	23,165	114,325	100,915	752.5%
530900 - General Liability Ins	1,429	1,510	1,510	1,030	(480)	-31.8%
531020 - Internet Service	24,085	24,430	24,430	27,235	2,805	11.5%
531100 - Electric Power	754,230	630,000	630,000	690,000	60,000	9.5%
531110 - Nat Gas, Butane & Kero	6,551	8,040	8,040	8,040	-	0.0%
531120 - Retail Water Service	-	15	15	15	-	0.0%
531200 - Bank Service Fees	10	20	20	20	-	0.0%

Expense Detail (continued)

Stewart Creek WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services (continued)						
531310 - Special Studies & Rpts	\$ -	\$ 5,000	\$ 5,000	\$ 5,000	\$ -	0.0%
531400 - Legal Service	5,254	6,000	6,000	12,250	6,250	104.2%
531520 - Employee Programs	-	-	30	-	-	0.0%
531700 - Advertising	227	300	500	300	-	0.0%
531800 - Rent or Lease Payment	18,265	22,450	67,450	52,420	29,970	133.5%
531900 - Travel and Training	7,750	15,995	15,765	11,160	(4,835)	-30.2%
532000 - Mem & Subscriptions	8,366	4,010	4,010	4,190	180	4.5%
532100 - Vehicle Maint	1,522	5,310	5,310	5,310	-	0.0%
532110 - Veh Maint by Solid Waste	825	3,000	3,000	3,000	-	0.0%
532200 - Equipment Maintenance	26,978	94,675	123,300	109,600	14,925	15.8%
532230 - Facilities Maintenance	-	-	3,500	-	-	0.0%
532800 - Grounds Maintenance	15,298	34,100	34,100	34,100	-	0.0%
532850 - Building Maintenance	-	68,255	14,630	40,255	(28,000)	-41.0%
532900 - Electrical Sys Maint	5,958	110,000	110,000	60,000	(50,000)	-45.5%
533000 - Other Services	445,935	120,000	224,365	320,000	200,000	166.7%
533030 - Contractual Safety Serv	-	1,520	1,520	1,520	-	0.0%
533100 - Administration	8,915	17,835	17,835	-	(17,835)	-100.0%
533380 - Odor Control Crew	760	4,500	4,500	4,500	-	0.0%
533500 - Lab Svc - Contract	6,572	10,810	10,810	10,810	-	0.0%
533630 - Landfill Service Fees	280,707	348,390	335,890	348,390	-	0.0%
533640 - Hauling Fees	100,912	145,320	137,320	147,000	1,680	1.2%
533900 - Permits, Ins, & Lic Fees	45,888	47,355	47,355	47,355	-	0.0%
534000 - Uninsured losses	6	-	1,000	-	-	0.0%
Shared Services	856,210	1,103,235	1,076,915	1,378,135	274,900	24.9%
Services Total	\$ 2,633,554	\$ 2,847,415	\$ 2,939,215	\$ 3,437,290	\$ 589,875	20.7%
Capital Outlay						
540300 - Vehicle Equipment	\$ 59,690	\$ -	\$ 59,690	\$ -	\$ -	0.0%
540700 - Non-Vehicle Equipment	68,617	165,000	100,635	-	(165,000)	-100.0%
Capital Outlay Total	\$ 128,308	\$ 165,000	\$ 160,325	\$ -	\$(165,000)	-100.0%
Escrow						
550700 - Prev Maint Escrow	\$ 35,000	\$ 15,000	\$ 15,000	\$ 86,000	\$ 71,000	473.3%
Escrow Total	\$ 35,000	\$ 15,000	\$ 15,000	\$ 86,000	\$ 71,000	473.3%
Capital Improvement						
573010 - Tsf to Capital Impr	\$ 91,081	\$ -	\$ -	\$ -	\$ -	0.0%
Capital Improvement Total	\$ 91,081	\$ -	\$ -	\$ -	\$ -	0.0%
Debt Service						
571000 - Tsf to I & S	\$ 4,686,500	\$ 4,656,000	\$ 4,636,000	\$ 4,626,400	\$ (29,600)	-0.6%
579000 - Bond Service Fees	5,325	4,690	4,690	6,880	2,190	46.7%
Debt Service Total	\$ 4,691,825	\$ 4,660,690	\$ 4,640,690	\$ 4,633,280	\$ (27,410)	-0.6%
Grand Total	\$ 10,420,092	\$ 11,298,215	\$ 11,296,865	\$ 11,873,195	\$ 574,980	5.1%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$574,980 from the FY23 Original Budget. Major variances are explained below:

- Chemicals increased due to rising usage and costs
- Fire & Extended Coverage Insurance increased due to higher commercial property insurance premiums
- Electric Power increased based on forecasted usage and higher costs
- Rent or Lease payment is higher to rent equipment to perform lift station repairs
- Other Services is higher for stormwater remediation and improvements and for planned concrete work for sidewalks and drainage
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund
- Increased transfer to the Preventative Maintenance Fund

Muddy Creek Wastewater Treatment Plant

Position Summary

Muddy Creek WWTP		FY23	FY24	Difference
Full-Time Positions				
Information Systems Assistant		1.0	1.0	-
Lead Wastewater Plant Operator		2.0	2.0	-
Wastewater Mechanic		1.0	1.0	-
Wastewater Plant Operator II		8.0	8.0	-
Wastewater Plant Operator III		4.0	4.0	-
Wastewater Plant Supervisor I		1.0	1.0	-
Wastewater Plant Supervisor II		1.0	1.0	-
Wastewater Technician I		1.0	1.0	-
Total Full-Time Positions		19.0	19.0	-

Revenues and Expenses

Muddy Creek WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 7,739,838	\$ 9,779,240	\$ 9,621,485	\$ 10,975,160	\$ 1,195,920	12.2%
Total Wastewater Sales	\$ 7,739,838	\$ 9,779,240	\$ 9,621,485	\$ 10,975,160	\$ 1,195,920	12.2%
Other						
440040-Recov of Prior Yr Exp	\$ 16,848	\$ -	\$ -	\$ -	\$ -	0.0%
440100-Customers - Debt Svc	344,830	344,830	344,830	344,830	-	0.0%
440140-Master Card Rebates	3,365	-	-	-	-	0.0%
440999-Miscellaneous Revenue	21,125	-	-	-	-	0.0%
459100-Tfr from Escrow Fund	-	15,395	46,770	15,395	-	0.0%
Total Other	\$ 386,168	\$ 360,225	\$ 391,600	\$ 360,225	\$ -	0.0%
441000-Interest Income	\$ 7,188	\$ 5,165	\$ 28,135	\$ 25,615	\$ 20,450	395.9%
Revenues Total	\$ 8,133,194	\$ 10,144,630	\$ 10,041,220	\$ 11,361,000	\$ 1,216,370	12.0%
Expenses Total	\$ (8,133,194)	\$ (10,144,630)	\$ (10,041,220)	\$ (11,361,000)	\$ (1,216,370)	12.0%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Muddy Creek WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Expense Category						
Personnel						
510000 - Wages	\$ 1,003,672	\$ 1,275,415	\$ 1,135,820	\$ 1,221,370	\$ (54,045)	-4.2%
511060 - Overtime	110,090	85,000	85,000	85,000	-	0.0%
512000 - Social Security	82,347	97,565	91,520	93,435	(4,130)	-4.2%
513000 - Workers' Comp Ins	19,405	23,870	18,590	18,800	(5,070)	-21.2%
513020 - Hospitalization Ins	195,319	241,360	241,360	259,545	18,185	7.5%
513040 - Dental Ins	8,526	10,420	10,935	11,620	1,200	11.5%
513060 - Life Ins	2,387	3,145	2,585	2,620	(525)	-16.7%
513070 - LT Disability Ins	-	-	5,505	4,685	4,685	0.0%
514000 - Retirement	167,710	171,280	218,720	234,215	62,935	36.7%
514010 - Retiree - Insurance	53,855	55,990	70,085	72,690	16,700	29.8%

Expense Detail

Muddy Creek WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel (continued)						
514020 - Comp Absences-vacation	\$ 11,430	\$ 11,765	\$ 11,765	\$ 2,210	\$ (9,555)	-81.2%
514030 - Comp Absences-sick	-	4,485	4,485	-	(4,485)	-100.0%
515000 - Cell Phone Stipend	7,039	8,915	8,070	8,465	(450)	-5.0%
Personnel Total	\$ 1,661,780	\$ 1,989,210	\$ 1,904,440	\$ 2,014,655	\$ 25,445	1.3%
Supplies						
520100 - Office Supplies	\$ 4,898	\$ 26,670	\$ 6,670	\$ 26,655	\$ (15)	-0.1%
520110 - Computer Supplies	11,678	18,810	18,810	13,020	(5,790)	-30.8%
520200 - Xerox Supplies	945	-	-	-	-	0.0%
520300 - Clothing Supplies	10,436	14,200	14,200	14,200	-	0.0%
520600 - Fuel, Oil and Lube	7,504	6,610	6,610	7,535	925	14.0%
520610 - Generator Fuel	-	7,320	2,320	7,320	-	0.0%
520630 - Toll Fees	89	280	280	280	-	0.0%
520700 - Machine Oil & Lube	2,294	4,890	4,890	4,890	-	0.0%
520800 - Small Tools & Equip	12,433	21,250	19,250	19,000	(2,250)	-10.6%
520810 - Fire Extinguishers	250	375	375	375	-	0.0%
520900 - Janitorial Supplies	1,526	6,060	6,060	6,060	-	0.0%
521000 - Laboratory Supplies	17,204	16,940	16,940	19,955	3,015	17.8%
521100 - Medical Supplies	-	1,010	1,010	1,010	-	0.0%
521110 - Safety Supplies	28,252	23,220	23,220	23,210	(10)	0.0%
521200 - Chem - Other	5,771	10,070	10,070	10,070	-	0.0%
521203 - Chem - Chlorine	7,478	10,300	10,300	10,300	-	0.0%
521209 - Chem - Polymers	84,180	115,220	115,220	103,710	(11,510)	-10.0%
521210 - Chem - Hypochlorite	12,766	20,330	20,330	19,750	(580)	-2.9%
521212 - Chem - Liq Ferr Sulfate	142,911	187,200	178,900	118,660	(68,540)	-36.6%
521214 - Chem - Caustic	-	9,690	17,990	11,230	1,540	15.9%
521300 - Botanical Supplies	-	1,500	1,500	1,500	-	0.0%
521400 - Electrical Supplies	99,703	136,340	161,340	136,340	-	0.0%
521500 - Mechanical Supplies	73,695	124,800	124,800	99,400	(25,400)	-20.4%
521700 - Building Supplies	14,461	14,500	14,500	14,500	-	0.0%
521900 - Vehicle Supplies	3,257	4,035	4,035	4,030	(5)	-0.1%
521910 - Tires and Tubes	1,163	4,480	4,480	4,475	(5)	-0.1%
522000 - Equipment Supplies	536	3,825	3,825	2,025	(1,800)	-47.1%
522100 - Welding Supplies	260	1,000	1,000	1,000	-	0.0%
523000 - Other Supplies	38,957	61,900	61,900	61,900	-	0.0%
Supplies Total	\$ 582,645	\$ 852,825	\$ 850,825	\$ 742,400	\$ (110,425)	-12.9%
Services						
530300 - Automotive Insurance	\$ 1,491	\$ 2,795	\$ 2,795	\$ 1,925	\$ (870)	-31.1%
530400 - Fire & Exten Cov Ins	22,952	31,860	22,910	97,885	66,025	207.2%
530900 - General Liability Ins	1,876	5,805	5,805	2,805	(3,000)	-51.7%
531020 - Internet Service	22,473	36,810	28,010	26,160	(10,650)	-28.9%
531100 - Electric Power	289,940	282,000	282,000	323,865	41,865	14.8%
531120 - Retail Water Service	672	-	-	-	-	0.0%
531200 - Bank Service Fees	41	100	100	100	-	0.0%
531310 - Special Studies & Rpts	2,887	-	15,600	22,700	22,700	0.0%

Expense Detail (continued)

Muddy Creek WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services (continued)						
531400 - Legal Service	\$ 4,066	\$ 6,000	\$ 6,600	\$ 20,250	\$ 14,250	237.5%
531700 - Advertising	446	300	500	8,300	8,000	2666.7%
531800 - Rent or Lease Payment	3,604	6,405	6,405	6,380	(25)	-0.4%
531900 - Travel and Training	9,692	15,750	15,750	20,475	4,725	30.0%
532000 - Mem & Subscriptions	7,772	4,120	4,120	9,495	5,375	130.5%
532100 - Vehicle Maint	432	2,560	1,560	2,560	-	0.0%
532110 - Veh Maint by Solid Waste	2,928	1,000	2,000	1,000	-	0.0%
532200 - Equipment Maintenance	56,548	69,800	69,800	97,000	27,200	39.0%
532230 - Facilities Maintenance	-	-	-	203,000	203,000	0.0%
532800 - Grounds Maintenance	21,474	13,840	23,840	24,000	10,160	73.4%
532850 - Building Maintenance	8,987	10,380	10,380	10,380	-	0.0%
532900 - Electrical Sys Maint	28,833	20,000	20,000	32,000	12,000	60.0%
533000 - Other Services	139,404	298,000	282,400	244,450	(53,550)	-18.0%
533030 - Contractual Safety Serv	26	3,300	3,300	3,300	-	0.0%
533100 - Administration	8,680	17,355	17,355	-	(17,355)	-100.0%
533380 - Odor Control Crew	360	3,000	3,000	-	(3,000)	-100.0%
533500 - Lab Svc - Contract	7,652	11,000	11,000	11,000	-	0.0%
533630 - Landfill Service Fees	245,290	301,035	301,035	427,660	126,625	42.1%
533640 - Hauling Fees	111,006	147,305	147,305	32,350	(114,955)	-78.0%
533900 - Permits, Ins, & Lic Fees	54,407	55,925	55,925	55,925	-	0.0%
Shared Services	1,118,392	1,401,410	1,362,395	1,704,260	302,850	21.6%
Services Total	\$ 2,172,332	\$ 2,747,855	\$ 2,701,890	\$ 3,389,225	\$ 641,370	23.3%
Capital Outlay						
540300 - Vehicle Equipment	\$ 29,266	\$ -	\$ -	\$ -	\$ -	0.00%
540500 - Machinery	330,574	188,000	217,325	109,000	(79,000)	-42.02%
540700 - Non-Vehicle Equipment	80,962	-	-	-	-	0.00%
Capital Outlay Total	\$ 440,802	\$ 188,000	\$ 217,325	\$ 109,000	\$ (79,000)	-42.02%
Escrow						
550690 - Tsf to Contingency	\$ -	\$ -	\$ -	\$ 10,500	\$ 10,500	0.00%
550700 - Prev Maint Escrow	70,395	-	-	5,000	5,000	0.00%
Escrow Total	\$ 70,395	\$ -	\$ -	\$ 15,500	\$ 15,500	0.00%
Debt Service						
571000 - Tsf to I & S	\$ 2,850,200	\$ 4,006,500	\$ 4,006,500	\$ 4,731,200	\$ 724,700	18.09%
574010 - DS Acquisition	344,830	344,830	344,830	344,830	-	0.00%
579000 - Bond Service Fees	10,210	15,410	15,410	14,190	(1,220)	-7.92%
Debt Service Total	\$ 3,205,240	\$ 4,366,740	\$ 4,366,740	\$ 5,090,220	\$ 723,480	16.57%
Grand Total	\$ 8,133,194	\$ 10,144,630	\$ 10,041,220	\$ 11,361,000	\$ 1,216,370	11.99%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$1,216,370 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Insurance and Retirement costs
- Fire & Extended Coverage Insurance increased due to higher commercial property insurance premiums
- Facilities Maintenance increased to recoat the primary clarifier and secondary clarifier coating
- Landfill Services Fees increased because the plant will use Hinton Landfill to save transport driver time, resulting in a reduction in Hauling Fees
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund
- Debt Service increased reflecting a higher payment due to the plant expansion to 12.5MGD

Seis Lagos Wastewater Treatment Plant

Revenues and Expenses

Seis Lagos WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 320,424	\$ 373,905	\$ 371,865	\$ 418,620	\$ 44,715	12.0%
Total Wastewater Sales	\$ 320,424	\$ 373,905	\$ 371,865	\$ 418,620	\$ 44,715	12.0%
Other						
440040-Recov of Prior Year Exp	\$ 747	\$ -	\$ -	\$ -	\$ -	0.0%
440140-Master Card Rebates	442	-	-	-	-	0.0%
440999-Miscellaneous Revenue	514	-	-	-	-	0.0%
Total Other	\$ 1,703	\$ -	\$ -	\$ -	\$ -	0.0%
441000-Interest Income	\$ 498	\$ 270	\$ 1,870	\$ 1,945	\$ 1,675	620.4%
Revenues Total	\$ 322,625	\$ 374,175	\$ 373,735	\$ 420,565	\$ 46,390	12.4%
Expenses Total	\$ (322,625)	\$ (374,175)	\$ (373,735)	\$ (420,565)	\$ (46,390)	12.4%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Seis Lagos WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
Personnel						
510000 - Wages	\$ 62,581	\$ 71,680	\$ 70,050	\$ 77,675	\$ 5,995	8.4%
511060 - Overtime	7,410	6,760	9,260	6,760	-	0.0%
512000 - Social Security	5,090	5,480	5,675	5,945	465	8.5%
513000 - Workers' Comp Ins	1,188	1,285	1,135	1,185	(100)	-7.8%
513020 - Hospitalization Ins	19,325	22,795	22,795	27,355	4,560	20.0%
513040 - Dental Ins	1,004	1,135	1,075	1,145	10	0.9%
513060 - Life Ins	154	165	160	155	(10)	-6.1%
513070 - LT Disability Ins	-	-	215	290	290	0.0%
514000 - Retirement	7,510	9,355	11,945	15,090	5,735	61.3%
514010 - Retiree - Insurance	2,410	3,060	3,830	4,685	1,625	53.1%
514020 - Comp Absences-vacation	1,800	925	925	1,760	835	90.3%
514030 - Comp Absences-sick	-	520	520	-	(520)	-100.0%
515000 - Cell Phone Stipend	432	500	495	500	-	0.0%
Personnel Total	\$ 108,903	\$ 123,660	\$ 128,080	\$ 142,545	\$ 18,885	15.3%

Supplies

520100 - Office Supplies	\$ -	\$ -	\$ 50	\$ -	-	0.0%
520110 - Computer Supplies	-	-	1,300	-	-	0.0%
520300 - Clothing Supplies	578	365	665	-	(365)	-100.0%
520700 - Machine Oil & Lube	278	400	400	-	(400)	-100.0%
520800 - Small Tools & Equip	137	2,500	2,465	500	(2,000)	-80.0%
520810 - Fire Extinguishers	77	80	115	80	-	0.0%
521110 - Safety Supplies	172	4,000	125	750	(3,250)	-81.3%
521200 - Chem - Other	-	100	150	100	-	0.0%
521203 - Chem - Chlorine	6,433	9,315	9,150	11,095	1,780	19.1%

Expense Detail (continued)

Seis Lagos WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
521209 - Chem - Polymers	\$ 3,226	\$ 7,460	\$ 7,460	\$ 6,640	\$ (820)	-11.0%
521210 - Chem - Hypochlorite	418	575	740	1,100	525	91.3%
521400 - Electrical Supplies	28,269	5,000	5,285	6,500	1,500	30.0%
521500 - Mechanical Supplies	17,675	7,000	17,310	7,500	500	7.1%
522000 - Equipment Supplies	417	2,025	25	-	(2,025)	-100.0%
522200 - Road Maint Supplies	-	600	-	800	200	33.3%
523000 - Other Supplies	745	600	975	3,450	2,850	475.0%
523660 - Small Plants Supplies	15,075	13,940	13,940	17,570	3,630	26.0%
Supplies Total	\$ 73,500	\$ 53,960	\$ 60,155	\$ 56,085	\$ 2,125	3.9%
Services						
530300 - Automotive Insurance	\$ 559	\$ 940	\$ 940	\$ 865	\$ (75)	-8.0%
530900 - General Liability Ins	59	75	75	50	(25)	-33.3%
531000 - Telephone	1,100	960	960	960	-	0.0%
531020 - Internet Service	150	90	90	90	-	0.0%
531100 - Electric Power	20,677	29,000	28,000	23,920	(5,080)	-17.5%
531400 - Legal Service	1,174	5,000	2,200	2,000	(3,000)	-60.0%
531700 - Advertising	2,951	300	300	300	-	0.0%
531800 - Rent or Lease Payment	225	1,350	-	1,350	-	0.0%
531900 - Travel and Training	7	-	-	-	-	0.0%
532200 - Equipment Maintenance	-	1,450	11,850	8,950	7,500	517.2%
532800 - Grounds Maintenance	1,739	3,630	4,130	12,610	8,980	247.4%
532900 - Electrical Sys Maint	-	1,500	-	-	(1,500)	-100.0%
533000 - Other Services	850	16,000	905	-	(16,000)	-100.0%
533100 - Administration	410	820	820	-	(820)	-100.0%
533500 - Lab Svc - Contract	522	700	700	700	-	0.0%
533630 - Landfill Service Fees	5,567	5,945	5,945	5,945	-	0.0%
533640 - Hauling Fees	3,842	5,895	5,895	5,335	(560)	-9.5%
533660 - Small Plants Exp	11,143	10,265	10,145	8,750	(1,515)	-14.8%
533670 - Hauling and Dewatering	127	190	190	-	(190)	-100.0%
533900 - Permits, Ins, & Lic Fees	1,290	1,330	1,330	1,330	-	0.0%
Shared Services	76,654	90,650	94,560	107,580	16,930	18.7%
Services Total	\$ 129,046	\$ 176,090	\$ 169,035	\$ 180,735	\$ 4,645	2.6%
Capital Outlay						
540500 - Machinery	\$ -	\$ 9,170	\$ 5,170	\$ 20,000	\$ 10,830	118.1%
543660 - Small Plants Capital	5,547	4,345	4,345	13,300	8,955	206.1%
Capital Outlay Total	\$ 5,547	\$ 13,515	\$ 9,515	\$ 33,300	\$ 19,785	146.4%
Escrow						
550660 - Rsv for Maintenance	\$ 5,630	\$ 1,950	\$ 1,950	\$ 5,000	\$ 3,050	156.4%
550700 - Prev Maint Escrow	-	5,000	5,000	2,900	(2,100)	-42.0%
Escrow Total	\$ 5,630	\$ 6,950	\$ 6,950	\$ 7,900	\$ 950	13.7%
Grand Total	\$ 322,625	\$ 374,175	\$ 373,735	\$ 420,565	\$ 46,390	12.4%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$46,390 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- Other Supplies increased for phase separator liners
- Equipment maintenance is higher for clarifier bridge rehabilitation and repair
- Grounds Maintenance increased for tree trimming, fence repair and gate replacement
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund
- Machinery increased to purchase a 30 yard phase separator
- Small Plants Capital increased due to a higher allocation for equipment purchases

Royse City Wastewater Treatment Plant

Revenues and Expenses

Royse City WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 11,682	\$ -	\$ (135)	\$ -	\$ -	0.0%
Total Wastewater Sales	\$ 11,682	\$ -	\$ (135)	\$ -	\$ -	0.0%
Other						
440040-Recov of Prior Year Exp	\$ 96	\$ -	\$ -	\$ -	\$ -	0.0%
440140-Master Card Rebates	2	-	-	-	-	0.0%
440999-Miscellaneous Revenue	6	-	-	-	-	0.0%
730020-Tfr of Capital Assets	345	-	-	-	-	0.0%
Total Other	\$ 449	\$ -	\$ -	\$ -	\$ -	0.0%
441000-Interest Income	\$ 74	\$ -	\$ 135	\$ -	\$ -	0.0%
Revenues Total	\$ 12,205	\$ -	\$ -	\$ -	\$ -	0.0%
Expenses Total	\$ (12,205)	\$ -	\$ -	\$ -	\$ -	0.0%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Royse City WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 2,540	\$ -	\$ -	\$ -	\$ -	0.0%
511060 - Overtime	156	-	-	-	-	0.0%
512000 - Social Security	194	-	-	-	-	0.0%
513000 - Workers' Comp Ins	28	-	-	-	-	0.0%
513020 - Hospitalization Ins	539	-	-	-	-	0.0%
513040 - Dental Ins	30	-	-	-	-	0.0%
513060 - Life Ins	5	-	-	-	-	0.0%
514000 - Retirement	610	-	-	-	-	0.0%
514010 - Retiree - Insurance	195	-	-	-	-	0.0%
515000 - Cell Phone Stipend	10	-	-	-	-	0.0%
Personnel Total	\$ 4,308	\$ -	\$ -	\$ -	\$ -	0.0%
Supplies						
520300 - Clothing Supplies	\$ 11	\$ -	\$ -	\$ -	\$ -	0.0%
521110 - Safety Supplies	2	-	-	-	-	0.0%
523660 - Small Plants Supplies	331	-	-	-	-	0.0%
Supplies Total	\$ 344	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail (continued)

Royse City WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services						
530300 - Automotive Insurance	\$ 14	\$ -	\$ -	\$ -	\$ -	0.0%
530900 - General Liability Ins	2	-	-	-	-	0.0%
531100 - Electric Power	98	-	-	-	-	0.0%
531400 - Legal Service	174	-	-	-	-	0.0%
531900 - Travel and Training	3	-	-	-	-	0.0%
532800 - Grounds Maintenance	2,095	-	-	-	-	0.0%
533100 - Administration	45	-	-	-	-	0.0%
533660 - Small Plants Exp	245	-	-	-	-	0.0%
533900 - Permits, Ins, & Lic Fees	1,460	-	-	-	-	0.0%
Shared Services	3,295	-	-	-	-	0.0%
Services Total	\$ 7,431	\$ -	\$ -	\$ -	\$ -	0.0%
Capital Outlay						
543660 - Small Plants Capital	\$ 122	\$ -	\$ -	\$ -	\$ -	0.0%
Capital Outlay Total	\$ 122	\$ -	\$ -	\$ -	\$ -	0.0%
Grand Total	\$ 12,205	\$ -	\$ -	\$ -	\$ -	0.0%

Major FY24 Budget Items

The department's FY24 Proposed Budget has decreased by \$0 from the FY23 Original Budget. Major variances are explained below:

- Plant decommissioned in FY22

Farmersville Wastewater Treatment Plant

Revenues and Expenses

Farmersville WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 588,887	\$ 632,670	\$ 628,740	\$ 828,275	\$ 195,605	30.9%
Total Wastewater Sales	\$ 588,887	\$ 632,670	\$ 628,740	\$ 828,275	\$ 195,605	30.9%
Other						
440040-Recov of Prior Year Exp	\$ 1,412	\$ -	\$ -	\$ -	\$ -	0.0%
440140-Master Card Rebates	589	-	-	-	-	0.0%
440999-Miscellaneous Revenue	501	-	-	-	-	0.0%
Total Other	\$ 2,502	\$ -	\$ -	\$ -	\$ -	0.0%
441000-Interest Income	\$ 608	\$ 345	\$ 3,950	\$ 3,800	\$ 3,455	1001.4%
Revenues Total	\$ 591,997	\$ 633,015	\$ 632,690	\$ 832,075	\$ 199,060	31.4%
Expenses Total	\$ (591,997)	\$ (633,015)	\$ (632,690)	\$ (832,075)	\$ (199,060)	31.4%
Net Revenues	\$ -	0.0%				

Expense Detail

Farmersville WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages						
511060 - Overtime	\$ 99,802	\$ 115,200	\$ 112,550	\$ 130,080	\$ 14,880	12.9%
512000 - Social Security	11,813	10,890	14,390	10,890	-	0.0%
513000 - Workers' Comp Ins	8,119	8,815	9,130	9,950	1,135	12.9%
513020 - Hospitalization Ins	1,895	2,085	1,835	1,980	(105)	-5.0%
513040 - Dental Ins	31,999	36,570	36,570	45,845	9,275	25.4%
513060 - Life Ins	1,600	1,835	1,735	1,930	95	5.2%
513060 - LT Disability Ins	243	275	255	275	-	0.0%
514000 - Retirement	-	-	340	495	495	0.0%
514010 - Retiree - Insurance	18,145	19,780	25,260	25,405	5,625	28.4%
514020 - Comp Absences-vacation	5,825	6,465	8,095	7,885	1,420	22.0%
514030 - Comp Absences-sick	3,175	1,465	1,465	3,145	1,680	114.7%
515000 - Cell Phone Stipend	-	645	645	-	(645)	-100.0%
Personnel Total	\$ 183,308	\$ 204,815	\$ 213,060	\$ 238,725	\$ 33,910	16.6%

Supplies

520300 - Clothing Supplies	\$ 1,335	\$ 590	\$ 990	\$ -	\$ (590)	-100.0%
520610 - Generator Fuel	310	600	600	-	(600)	-100.0%
520700 - Machine Oil & Lube	349	600	200	-	(600)	-100.0%
520800 - Small Tools & Equip	136	2,150	1,195	150	(2,000)	-93.0%
520810 - Fire Extinguishers	115	120	175	120	-	0.0%
521110 - Safety Supplies	168	10,500	600	500	(10,000)	-95.2%
521200 - Chem - Other	-	100	3,400	100	-	0.0%
521203 - Chem - Chlorine	7,180	14,550	10,915	13,000	(1,550)	-10.7%
521209 - Chem - Polymers	6,912	20,995	20,995	20,410	(585)	-2.8%
521210 - Chem - Hypochlorite	418	575	910	1,100	525	91.3%

Expense Detail (continued)

Farmersville WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
521400 - Electrical Supplies	\$ 4,544	\$ 12,870	\$ 15,760	\$ 6,000	\$ (6,870)	-53.4%
521500 - Mechanical Supplies	40,129	7,500	18,245	8,000	500	6.7%
521700 - Building Supplies	-	-	800	-	-	0.0%
522000 - Equipment Supplies	-	1,000	-	-	(1,000)	-100.0%
522200 - Road Maint Supplies	-	600	6,080	800	200	33.3%
523000 - Other Supplies	80	800	1,225	800	-	0.0%
523660 - Small Plants Supplies	24,020	22,455	22,455	29,595	7,140	31.8%
Supplies Total	\$ 85,695	\$ 96,005	\$ 104,545	\$ 80,575	\$ (15,430)	-16.1%
Services						
530300 - Automotive Insurance	\$ 2,049	\$ 2,790	\$ 2,790	\$ 2,490	\$ (300)	-10.8%
530900 - General Liability Ins	111	120	120	85	(35)	-29.2%
531000 - Telephone	-	-	80	-	-	0.0%
531020 - Internet Service	418	390	390	390	-	0.0%
531100 - Electric Power	51,762	55,000	56,000	55,000	-	0.0%
531120 - Retail Water Service	5,538	1,200	1,200	1,200	-	0.0%
531310 - Special Studies & Rpts	300	-	-	-	-	0.0%
531400 - Legal Service	801	1,000	-	1,000	-	0.0%
531700 - Advertising	16	300	300	300	-	0.0%
531800 - Rent or Lease Payment	5,826	1,000	-	1,000	-	0.0%
531900 - Travel and Training	9	-	-	-	-	0.0%
532200 - Equipment Maintenance	2,219	5,000	5,620	20,000	15,000	300.0%
532800 - Grounds Maintenance	2,994	3,340	3,340	5,600	2,260	67.7%
532900 - Electrical Sys Maint	-	5,000	5,000	-	(5,000)	-100.0%
533000 - Other Services	4,462	7,500	24,095	-	(7,500)	-100.0%
533030 - Contractual Safety Serv	-	2,750	2,750	-	(2,750)	-100.0%
533100 - Administration	850	1,705	1,705	-	(1,705)	-100.0%
533500 - Lab Svc - Contract	1,044	2,100	2,100	1,400	(700)	-33.3%
533630 - Landfill Service Fees	36,428	13,825	13,825	13,825	-	0.0%
533640 - Hauling Fees	5,544	6,030	6,030	5,880	(150)	-2.5%
533660 - Small Plants Exp	17,755	16,540	16,345	14,735	(1,805)	-10.9%
533900 - Permits, Ins, & Lic Fees	4,376	4,510	4,510	4,510	-	0.0%
Shared Services	162,856	153,885	150,010	237,760	83,875	54.5%
Services Total	\$ 305,358	\$ 283,985	\$ 296,210	\$ 365,175	\$ 81,190	28.6%
Capital Outlay						
540500 - Machinery	\$ 8,799	\$ 34,510	\$ 5,175	\$ 115,200	\$ 80,690	233.8%
543660 - Small Plants Capital	8,838	7,000	7,000	22,400	15,400	220.0%
Capital Outlay Total	\$ 17,637	\$ 41,510	\$ 12,175	\$ 137,600	\$ 96,090	231.5%
Escrow						
550660 - Rsv for Maintenance	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000	0.0%
550700 - Prev Maint Escrow	-	6,700	6,700	5,000	(1,700)	-25.4%
Escrow Total	\$ -	\$ 6,700	\$ 6,700	\$ 10,000	\$ 3,300	49.3%
Grand Total	\$ 591,997	\$ 633,015	\$ 632,690	\$ 832,075	\$ 199,060	31.4%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$199,060 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- Equipment Maintenance increased for lift station check/discharge valve replacement that is needed due to age of existing valves
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund
- Machinery increased for a backup generator and for a spare lift pump
- Small Plants Capital increased due to a higher allocation for equipment purchases

Lavon (Bear Creek) Wastewater Treatment Plant**Revenues and Expenses**

Lavon WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 491,951	\$ 526,030	\$ 547,540	\$ 580,895	\$ 54,865	10.4%
Total Wastewater Sales	\$ 491,951	\$ 526,030	\$ 547,540	\$ 580,895	\$ 54,865	10.4%
Other						
440040-Recov of Prior Year Exp	\$ 938	\$ -	\$ -	\$ -	\$ -	0.0%
440140-Master Card Rebates	455	-	-	-	-	0.0%
440999-Miscellaneous Revenue	603	-	-	-	-	0.0%
Total Other	\$ 1,996	\$ -	\$ -	\$ -	\$ -	0.0%
441000-Intest Income	\$ 397	\$ 260	\$ 2,645	\$ 2,630	\$ 2,370	911.5%
Revenues Total	\$ 494,343	\$ 526,290	\$ 550,185	\$ 583,525	\$ 57,235	10.9%
Expenses Total	\$ (494,343)	\$ (526,290)	\$ (550,185)	\$ (583,525)	\$ (57,235)	10.9%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Lavon WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 112,114	\$ 129,030	\$ 126,190	\$ 120,785	\$ (8,245)	-6.4%
511060 - Overtime	13,606	12,540	12,540	12,540	-	0.0%
512000 - Social Security	9,140	9,865	10,245	9,240	(625)	-6.3%
513000 - Workers' Comp Ins	2,174	2,395	2,105	1,850	(545)	-22.8%
513020 - Hospitalization Ins	35,995	41,730	41,730	42,865	1,135	2.7%
513040 - Dental Ins	1,822	2,080	1,975	1,785	(295)	-14.2%
513060 - Life Ins	275	310	290	250	(60)	-19.4%
513070 - LT Disability Ins	-	-	380	450	450	0.0%
514000 - Retirement	14,090	19,220	24,540	27,490	8,270	43.0%
514010 - Retiree - Insurance	4,525	6,285	7,865	8,530	2,245	35.7%
514020 - Comp Absences-vacation	3,655	1,575	1,575	2,025	450	28.6%
514030 - Comp Absences-sick	-	595	595	-	(595)	-100.0%
515000 - Cell Phone Stipend	790	890	895	780	(110)	-12.4%
Personnel Total	\$ 198,185	\$ 226,515	\$ 230,925	\$ 228,590	\$ 2,075	0.9%
Supplies						
520300 - Clothing Supplies	\$ 1,474	\$ 685	\$ 1,135	\$ -	\$ (685)	-100.0%
520610 - Generator Fuel	-	315	315	-	(315)	-100.0%
520700 - Machine Oil & Lube	388	400	400	-	(400)	-100.0%
520800 - Small Tools & Equip	345	2,500	330	500	(2,000)	-80.0%
520810 - Fire Extinguishers	153	160	230	160	-	0.0%
521110 - Safety Supplies	206	1,500	200	1,500	-	0.0%
521200 - Chem - Other	-	100	100	100	-	0.0%
521203 - Chem - Chlorine	15,417	11,640	33,140	13,870	2,230	19.2%
521209 - Chem - Polymers	6,106	11,540	11,540	11,620	80	0.7%
521210 - Chem - Hypochlorite	418	575	575	1,100	525	91.3%

Expense Detail (continued)

Lavon WWTP	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
521400 - Electrical Supplies	\$ 5,392	\$ 6,800	\$ 2,915	\$ 3,800	\$ (3,000)	-44.1%
521500 - Mechanical Supplies	24,868	8,000	25,945	5,000	(3,000)	-37.5%
522000 - Equipment Supplies	30	2,025	-	-	(2,025)	-100.0%
522200 - Road Maint Supplies	-	1,200	-	1,600	400	33.3%
523000 - Other Supplies	128	2,000	750	2,000	-	0.0%
523660 - Small Plants Supplies	27,665	25,860	25,860	27,745	1,885	7.3%
Supplies Total	\$ 58,081	\$ 45,885	\$ 55,470	\$ 40,145	\$ (5,740)	-12.5%
Services						
530300 - Automotive Insurance	\$ 1,197	\$ 1,745	\$ 1,745	\$ 1,620	\$ (125)	-7.2%
530400 - Fire & Exten Cov Ins	505	700	595	555	(145)	-20.7%
530900 - General Liability Ins	120	135	135	95	(40)	-29.6%
531020 - Internet Service	686	810	810	810	-	0.0%
531400 - Legal Service	3,791	6,000	500	2,500	(3,500)	-58.3%
531700 - Advertising	2,908	300	300	300	-	0.0%
531800 - Rent or Lease Payment	225	2,500	1,075	2,500	-	0.0%
531900 - Travel and Training	8	-	-	-	-	0.0%
532200 - Equipment Maintenance	4,318	4,000	7,070	4,000	-	0.0%
532230 - Facilities Maintenance	-	-	-	46,000	46,000	0.0%
532800 - Grounds Maintenance	992	820	820	1,600	780	95.1%
532900 - Electrical Sys Maint	-	2,500	-	-	(2,500)	-100.0%
533000 - Other Services	24,322	9,500	16,265	-	(9,500)	-100.0%
533100 - Administration	660	1,325	1,325	-	(1,325)	-100.0%
533380 - Odor Control Crew	633	250	50	250	-	0.0%
533500 - Lab Svc - Contract	522	700	700	700	-	0.0%
533630 - Landfill Service Fees	14,725	11,615	11,615	11,615	-	0.0%
533640 - Hauling Fees	9,145	11,455	11,455	13,000	1,545	13.5%
533660 - Small Plants Exp	20,449	19,050	18,825	13,815	(5,235)	-27.5%
533900 - Permits, Ins, & Lic Fees	1,570	3,000	3,000	3,000	-	0.0%
Shared Services	112,215	118,205	122,055	152,580	34,375	29.1%
Services Total	\$ 198,990	\$ 194,610	\$ 198,340	\$ 254,940	\$ 60,330	31.0%
Capital Outlay						
540500 - Machinery	\$ -	\$ 10,000	\$ -	\$ -	\$ (10,000)	-100.0%
543660 - Small Plants Capital	10,179	8,065	8,065	21,000	12,935	160.4%
Capital Outlay Total	\$ 10,179	\$ 18,065	\$ 8,065	\$ 21,000	\$ 2,935	16.2%
Escrow						
550660 - Rsv for Maintenance	\$ 4,400	\$ 4,800	\$ 3,600	\$ 5,000	\$ 200	4.2%
550700 - Prev Maint Escrow	-	7,000	5,820	5,000	(2,000)	-28.6%
Escrow Total	\$ 4,400	\$ 11,800	\$ 9,420	\$ 10,000	\$ (1,800)	-15.3%
Grand Total	\$ 494,343	\$ 526,290	\$ 550,185	\$ 583,525	\$ 57,235	10.9%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$57,235 from the FY23 Original Budget. Major variances are explained below:

- Facilities Maintenance increased for the launderer walls refabrication coating, lift station cleaning and other structural rehabilitation
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund
- Small Plants Capital increased due to a higher allocation for equipment purchases

Small Sewer System

Position Summary

Small Sewer System		FY23	FY24	Difference
Full-Time Positions				
Information Systems Assistant		1.0	1.0	-
Wastewater Mechanic		1.0	1.0	-
Wastewater Plant Operator II		4.0	4.0	-
Wastewater Plant Operator III		3.0	3.0	-
Wastewater Plant Supervisor I		1.0	1.0	-
Wastewater Plant Supervisor II		1.0	1.0	-
Total Full-Time Positions		11.0	11.0	-

Expense Detail

Small Sewer System	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies						
520100 - Office Supplies	\$ 4,086	\$ 4,550	\$ 6,250	\$ 5,050	\$ 500	11.0%
520110 - Computer Supplies	7,763	11,215	10,015	11,575	360	3.2%
520200 - Xerox Supplies	-	450	450	450	-	0.0%
520300 - Clothing Supplies	-	-	-	6,230	6,230	0.0%
520600 - Fuel, Oil and Lube	56,845	49,800	49,800	55,800	6,000	12.0%
520610 - Generator Fuel	-	-	-	3,340	3,340	0.0%
520630 - Toll Fees	147	250	250	250	-	0.0%
520700 - Machine Oil & Lube	-	-	-	7,400	7,400	0.0%
520800 - Small Tools & Equip	29,595	22,000	24,400	24,100	2,100	9.5%
520810 - Fire Extinguishers	-	500	500	600	100	20.0%
520900 - Janitorial Supplies	783	1,120	1,120	1,820	700	62.5%
521000 - Laboratory Supplies	16,213	10,000	10,500	14,000	4,000	40.0%
521110 - Safety Supplies	25,623	26,585	23,085	28,020	1,435	5.4%
521700 - Building Supplies	-	-	100	-	-	0.0%
521900 - Vehicle Supplies	12,993	13,115	16,615	14,615	1,500	11.4%
521910 - Tires and Tubes	3,205	10,280	6,780	8,870	(1,410)	-13.7%
522000 - Equipment Supplies	166	500	500	600	100	20.0%
523000 - Other Supplies	8,239	4,500	4,500	2,250	(2,250)	-50.0%
Supplies Total	\$ 165,658	\$ 154,865	\$ 154,865	\$ 184,970	\$ 30,105	19.4%
Services						
530300 - Automotive Insurance	\$ 121	\$ -	\$ -	\$ -	-	0.0%
531020 - Internet Service	6,323	6,600	6,600	6,600	-	0.0%
531800 - Rent or Lease Payment	2,082	2,050	3,710	2,050	-	0.0%
531900 - Travel and Training	4,773	9,355	7,675	5,685	(3,670)	-39.2%
532000 - Mem & Subscriptions	105	105	125	250	145	138.1%
532100 - Vehicle Maint	5,702	9,000	8,000	9,000	-	0.0%
532110 - Veh Maint by Solid Waste	3,607	3,000	3,000	3,000	-	0.0%
533030 - Contractual Safety Serv	-	2,155	155	1,155	(1,000)	-46.4%
Shared Services	2,315	1,500	4,500	1,500	-	0.0%
Services Total	\$ 25,029	\$ 33,765	\$ 33,765	\$ 29,240	\$ (4,525)	-13.4%

Expense Detail (continued)

Small Sewer System	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Capital Outlay						
540300 - Vehicle Equipment	\$ 60,951	\$ 48,280	\$ 48,280	\$ 140,000	\$ 91,720	190.0%
Capital Outlay Total	\$ 60,951	\$ 48,280	\$ 48,280	\$ 140,000	\$ 91,720	190.0%
Grand Total	\$ 349,058	\$ 317,205	\$ 315,865	\$ 417,060	\$ 99,855	31.5%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$99,855 from the FY23 Original Budget. Major variances are explained below:

- Fuel, Oil, and Lubricants is higher based on forecasted usage
- Clothing Supplies, Generator Fuel, Machine Oil & Lubricants, Laboratory increased because funding from the individual small plants was moved to 601
- Vehicle Equipment increased to purchase an off-road forklift and a gooseneck trailer

Allocation of Expenses

The following shows the allocation of expenses across Small Wastewater Treatment Plants:

Small Sewer System	Allocated Amount
South Rockwall (Buffalo Creek) WWTP	\$ 84,670
North Rockwall (Squabble Creek) WWTP	56,300
Sabine Creek WWTP	107,180
Seis Lagos WWTP	39,620
Farmersville WWTP	66,730
Lavon WWTP	62,560
Total	\$ 417,060

Small Systems Interceptor Facilities

Overview

The District owns and operates nine interceptors in the Small Systems. The Small Systems Interceptors provide wastewater conveyance for the Cities of Fate, Forney, Heath, McKinney, Mesquite, Murphy, Rockwall, Royse City, Seagoville and Wylie. The staff of the UEFIS provide operation and maintenance of the interceptors. Staff expenses are allocated to the various interceptor budgets in proportion to the inventory of assets that reside within each interceptor system. The individual interceptor budgets are funded solely by the cities that they serve. When the same interceptor serves multiple cities the costs are based on the percentage of flow contributed by each city. A brief description of each interceptor system is provided below.

Small Systems Interceptors	FY 2022 Flow Conveyed (Million Gallons)	Communities Served
Forney Interceptor	184	Forney
Lower East Fork Interceptor	732	Mesquite, Seagoville
Muddy Creek Interceptor	2,559	Wylie, Murphy
Parker Creek Interceptor	297	Royse City, Fate
Sabine Creek Interceptor	262	Royse City
Buffalo Creek Interceptor	1,972	Rockwall, Heath, Forney
McKinney Interceptor	1,468	McKinney
Forney Mustang Creek Interceptor	776	Forney
Parker Creek Parallel Interceptor	196	Fate

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Implement best management practices related to Capacity, Management, Operation and Maintenance (CMOM).
- Expand pipelines and lift stations as needed to convey wastewater received from the cities.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Implement appropriate preventive maintenance activities to improve equipment efficiency and extend useful life.
- Inspect 10% of the gravity pipelines and manholes on an annual basis in accordance with the District CMOM Plan and Sanitary Sewer Overflow Initiative Agreement with the TCEQ. Utilize data to make informed decisions regarding system rehabilitation and associated investments.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Continue to collaborate with Member Cities and Customers to evaluate and plan for the capacity needs of the Interceptors.
- Collaborate with Member Cities and Customers to identify and reduce inflow and infiltration.

People: Build a talented, competent and committed team

- Utilize effective communication and coaching techniques to realize professional development of the team.

Major Budget Drivers

- Odor Control Chemicals
- Electric Power
- Pipeline Maintenance
- Debt Service for Capital Improvements

Forney Interceptor

Revenues and Expenses

Forney Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 558,067	\$ 591,115	\$ 586,090	\$ 606,150	\$ 15,035	2.5%
Total Wastewater Sales	\$ 558,067	\$ 591,115	\$ 586,090	\$ 606,150	\$ 15,035	2.5%
Other						
440140-Master Card Rebates	\$ 642	\$ -	\$ -	\$ -	\$ -	0.0%
440999-Miscellaneous Revenue	\$ 16	\$ -	\$ -	\$ -	\$ -	0.0%
Total Other	\$ 658	\$ -	\$ -	\$ -	\$ -	0.0%
441000-Interest Income	\$ 747	\$ 415	\$ 5,155	\$ 4,690	\$ 4,275	1030.1%
Revenues Total	\$ 559,472	\$ 591,530	\$ 591,245	\$ 610,840	\$ 19,310	3.3%
Expenses Total	\$ (559,472)	\$ (591,530)	\$ (591,245)	\$ (610,840)	\$ (19,310)	3.3%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Forney Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 2,994	\$ 4,345	\$ 3,885	\$ 4,640	\$ 295	6.8%
511060 - Overtime	\$ 1	\$ -	\$ 5	\$ -	\$ -	0.0%
512000 - Social Security	\$ 220	\$ 335	\$ 290	\$ 350	\$ 15	4.5%
513000 - Workers' Comp Ins	\$ 13	\$ 10	\$ 15	\$ 10	\$ -	0.0%
513020 - Hospitalization Ins	\$ 387	\$ 525	\$ 525	\$ 575	\$ 50	9.5%
513040 - Dental Ins	\$ 25	\$ 25	\$ 30	\$ 25	\$ -	0.0%
513060 - Life Ins	\$ 7	\$ 5	\$ 10	\$ -	\$ (5)	-100.0%
513070 - LT Disability Ins	\$ -	\$ -	\$ 20	\$ 10	\$ 10	0.0%
514000 - Retirement	\$ -	\$ -	\$ 70	\$ 525	\$ 525	0.0%
514010 - Retiree - Insurance	\$ -	\$ -	\$ 20	\$ 165	\$ 165	0.0%
514020 - Comp Absences-vacation	\$ -	\$ 160	\$ 160	\$ -	\$ (160)	-100.0%
514030 - Comp Absences-sick	\$ -	\$ -	\$ -	\$ 95	\$ 95	0.0%
515000 - Cell Phone Stipend	\$ 8	\$ 15	\$ 15	\$ 15	\$ -	0.0%
Personnel Total	\$ 3,654	\$ 5,420	\$ 5,045	\$ 6,410	\$ 990	18.3%
Supplies						
520610 - Generator Fuel	\$ -	\$ 1,050	\$ 1,050	\$ 1,050	\$ -	0.0%
520700 - Machine Oil & Lube	\$ -	\$ 100	\$ 100	\$ 100	\$ -	0.0%
520800 - Small Tools & Equip	\$ 3,644	\$ 5,500	\$ 5,500	\$ 5,500	\$ -	0.0%
520810 - Fire Extinguishers	\$ 105	\$ 110	\$ 110	\$ 110	\$ -	0.0%
521110 - Safety Supplies	\$ 185	\$ 325	\$ 325	\$ 325	\$ -	0.0%
521200 - Chem - Other	\$ 6,300	\$ 29,150	\$ 24,150	\$ 35,750	\$ 6,600	22.6%
521215 - Chem - Bioxide	\$ 143,664	\$ 112,675	\$ 117,675	\$ 147,660	\$ 34,985	31.0%
521400 - Electrical Supplies	\$ 2,470	\$ 5,000	\$ 17,000	\$ 5,000	\$ -	0.0%
521500 - Mechanical Supplies	\$ 357	\$ 20,000	\$ 20,000	\$ 20,000	\$ -	0.0%
521600 - Pipeline Supplies	\$ 1,195	\$ 6,000	\$ 8,000	\$ 6,000	\$ -	0.0%
521700 - Building Supplies	\$ 83	\$ 100	\$ 100	\$ 100	\$ -	0.0%

Expense Detail (continued)

Forney Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
522000 - Equipment Supplies	\$ -	\$ 750	\$ 750	\$ 750	\$ -	0.0%
522200 - Road Maint Supplies		- 1,200	1,200	1,200	-	0.0%
523000 - Other Supplies		- 150	150	150	-	0.0%
Supplies Total	\$ 158,003	\$ 182,110	\$ 196,110	\$ 223,695	\$ 41,585	22.8%
Services						
530900 - General Liability Ins	\$ 1	\$ -	\$ 5	\$ 5	\$ 5	0.0%
531020 - Internet Service		150	3,010	3,010	3,010	-
531100 - Electric Power	17,939	44,300	39,300	26,800	(17,500)	-39.5%
531310 - Special Studies & Rpts	48,975	25,000	25,830	5,000	(20,000)	-80.0%
531800 - Rent or Lease Payment	-	3,000	3,000	3,000	-	0.0%
532200 - Equipment Maintenance	1,700	10,000	10,000	10,000	-	0.0%
532220 - Pipeline Maintenance	40,486	33,750	5,740	33,750	-	0.0%
532230 - Facilities Maintenance	-	13,000	1,975	13,000	-	0.0%
532800 - Grounds Maintenance	1,900	10,640	10,640	10,640	-	0.0%
532900 - Electrical Sys Maint	-	6,000	1,000	6,000	-	0.0%
533000 - Other Services	-	500	500	500	-	0.0%
533030 - Contractual Safety Serv	-	2,200	2,200	2,200	-	0.0%
533100 - Administration	930	1,865	1,865	-	(1,865)	-100.0%
533380 - Odor Control Crew	3,731	5,500	5,500	5,500	-	0.0%
533630 - Landfill Service Fees	-	1,945	1,945	1,945	-	0.0%
533680 - Conveyance System Exp	79,700	82,400	82,400	91,900	9,500	11.5%
Shared Services	57,303	53,990	59,100	82,485	28,495	52.8%
Services Total	\$ 252,814	\$ 297,100	\$ 254,010	\$ 295,735	\$ (1,365)	-0.5%
Capital Outlay						
542000 - Other Capital Outlay	\$ -	\$ -	\$ 29,180	\$ -	\$ -	0.0%
Capital Outlay Total	\$ -	\$ -	\$ 29,180	\$ -	\$ -	0.0%
Escrow						
550700 - Prev Maint Escrow	\$ 145,000	\$ 106,900	\$ 106,900	\$ 85,000	\$ (21,900)	-20.5%
Escrow Total	\$ 145,000	\$ 106,900	\$ 106,900	\$ 85,000	\$ (21,900)	-20.5%
Grand Total	\$ 559,472	\$ 591,530	\$ 591,245	\$ 610,840	\$ 19,310	3.3%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$19,310 from the FY23 Original Budget. Major variances are explained below:

- An overall increase in Chemicals due to higher chemical costs
- Shared Services allocation increased for FY24
- A decrease in the amount transferred to Preventative Maintenance Fund

Lower East Fork Interceptor

Revenues and Expenses

Lower East Fork Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 1,790,358	\$ 1,990,795	\$ 1,917,800	\$ 2,527,230	\$ 536,435	26.9%
Total Wastewater Sales	\$ 1,790,358	\$ 1,990,795	\$ 1,917,800	\$ 2,527,230	\$ 536,435	26.9%
Other						
440140-Master Card Rebates	\$ 249	\$ -	\$ -	\$ -	\$ -	0.0%
440999-Miscellaneous Revenue	41	-	-	-	-	0.0%
459100-Tfr from Escrow Fund	-	-	58,195	410,000	410,000	0.0%
Total Other	\$ 290	\$ -	\$ 58,195	\$ 410,000	\$ 410,000	0.0%
441000-Interest Income	\$ 2,342	\$ 1,355	\$ 15,580	\$ 14,785	\$ 13,430	991.1%
Revenues Total	\$ 1,792,990	\$ 1,992,150	\$ 1,991,575	\$ 2,952,015	\$ 959,865	48.2%
Expenses Total	\$ (1,792,990)	\$ (1,992,150)	\$ (1,991,575)	\$ (2,952,015)	\$ (959,865)	48.2%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Lower East Fork Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 3,347	\$ 4,870	\$ 4,375	\$ 5,225	\$ 355	7.3%
511060 - Overtime	1	-	5	-	-	0.0%
512000 - Social Security	246	370	330	405	35	9.5%
513000 - Workers' Comp Ins	14	10	15	10	-	0.0%
513020 - Hospitalization Ins	427	585	585	635	50	8.5%
513040 - Dental Ins	27	30	30	30	-	0.0%
513060 - Life Ins	8	5	10	5	-	0.0%
513070 - LT Disability Ins	-	-	20	10	10	0.0%
514000 - Retirement	-	-	75	585	585	0.0%
514010 - Retiree - Insurance	-	-	25	180	180	0.0%
514020 - Comp Absences-vacation	-	175	175	-	(175)	-100.0%
514030 - Comp Absences-sick	-	-	-	115	115	0.0%
515000 - Cell Phone Stipend	9	15	15	15	-	0.0%
Personnel Total	\$ 4,080	\$ 6,060	\$ 5,660	\$ 7,215	\$ 1,155	19.1%
Supplies						
520610 - Generator Fuel	\$ 610	\$ 3,375	\$ 3,375	\$ 3,375	\$ -	0.0%
520700 - Machine Oil & Lube	-	1,015	1,015	1,015	-	0.0%
520800 - Small Tools & Equip	4,891	5,500	5,500	5,500	-	0.0%
520810 - Fire Extinguishers	-	110	110	110	-	0.0%
521110 - Safety Supplies	169	325	325	325	-	0.0%
521200 - Chem - Other	1,897	2,120	2,120	2,600	480	22.6%
521215 - Chem - Bioxide	35,385	66,825	66,825	78,075	11,250	16.8%
521400 - Electrical Supplies	8,394	8,000	8,000	8,000	-	0.0%
521500 - Mechanical Supplies	1,076	22,000	14,515	22,000	-	0.0%

Expense Detail (continued)

Lower East Fork Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
521600 - Pipeline Supplies	\$ -	\$ 5,250	\$ 5,250	\$ 5,250	-	0.0%
521700 - Building Supplies	\$ 51	\$ 100	\$ 165	\$ 100	-	0.0%
522000 - Equipment Supplies	\$ -	\$ 5,350	\$ 5,350	\$ 5,350	-	0.0%
522200 - Road Maint Supplies	\$ -	\$ 1,000	\$ 1,000	\$ 1,000	-	0.0%
Supplies Total	\$ 52,473	\$ 120,970	\$ 113,550	\$ 132,700	\$ 11,730	9.7%
Services						
530400 - Fire & Exten Cov Ins	\$ 3,304	\$ 4,585	\$ 2,935	\$ 3,365	\$ (1,220)	-26.6%
530900 - General Liability Ins	\$ 1	\$ -	\$ 5	\$ 5	\$ 5	0.0%
531020 - Internet Service	\$ 150	\$ 510	\$ 510	\$ 510	\$ -	0.0%
531100 - Electric Power	\$ 35,264	\$ 45,000	\$ 45,000	\$ 45,000	\$ -	0.0%
531120 - Retail Water Service	\$ 493	\$ 1,200	\$ 1,200	\$ 1,200	\$ -	0.0%
531200 - Bank Service Fees	\$ 2	\$ 5	\$ 5	\$ 5	\$ -	0.0%
531310 - Special Studies & Rpts	\$ 34,719	\$ 45,000	\$ 45,000	\$ 702,000	\$ 657,000	1460.0%
531800 - Rent or Lease Payment	\$ 1,763	\$ 8,000	\$ 8,000	\$ 8,000	\$ -	0.0%
532200 - Equipment Maintenance	\$ 7,444	\$ 12,000	\$ 19,400	\$ 12,000	\$ -	0.0%
532220 - Pipeline Maintenance	\$ -	\$ 39,265	\$ 39,265	\$ 389,265	\$ 350,000	891.4%
532230 - Facilities Maintenance	\$ 75,809	\$ 62,400	\$ 120,595	\$ 62,400	\$ -	0.0%
532800 - Grounds Maintenance	\$ 1,439	\$ 21,200	\$ 21,200	\$ 21,200	\$ -	0.0%
532900 - Electrical Sys Maint	\$ 3,616	\$ 6,000	\$ 6,000	\$ 7,200	\$ 1,200	20.0%
533000 - Other Services	\$ -	\$ 2,100	\$ 2,100	\$ 2,100	\$ -	0.0%
533030 - Contractual Safety Serv	\$ -	\$ 2,200	\$ 2,200	\$ 2,200	\$ -	0.0%
533100 - Administration	\$ 1,100	\$ 2,205	\$ 2,205	\$ -	\$ (2,205)	-100.0%
533380 - Odor Control Crew	\$ 2,679	\$ 5,000	\$ 5,000	\$ 5,000	\$ -	0.0%
533630 - Landfill Service Fees	\$ -	\$ 690	\$ 690	\$ 690	\$ -	0.0%
533680 - Conveyance System Exp	\$ 83,300	\$ 90,900	\$ 90,900	\$ 101,300	\$ 10,400	11.4%
Shared Services	\$ 85,996	\$ 107,870	\$ 114,165	\$ 143,470	\$ 35,600	33.0%
Services Total	\$ 337,078	\$ 456,130	\$ 526,375	\$ 1,506,910	\$ 1,050,780	230.4%
Escrow						
550700 - Prev Maint Escrow	\$ 95,000	\$ 108,500	\$ 98,500	\$ -	\$ (108,500)	-100.0%
Escrow Total	\$ 95,000	\$ 108,500	\$ 98,500	\$ -	\$ (108,500)	-100.0%
Debt Service						
571000 - Ts to I & S	\$ 1,300,500	\$ 1,295,800	\$ 1,242,800	\$ 1,300,500	\$ 4,700	0.4%
579000 - Bond Service Fees	\$ 3,860	\$ 4,690	\$ 4,690	\$ 4,690	\$ -	0.0%
Debt Service Total	\$ 1,304,360	\$ 1,300,490	\$ 1,247,490	\$ 1,305,190	\$ 4,700	0.4%
Grand Total	\$ 1,792,990	\$ 1,992,150	\$ 1,991,575	\$ 2,952,015	\$ 959,865	48.2%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$959,865 from the FY23 Original Budget. Major variances are explained below:

- An overall increase in Chemicals due to higher chemical costs
- Special Studies & Reports is higher for manhole and pipeline inspections and to perform meter evaluation of billing meters as well as a capacity assessment study
- Pipeline Maintenance increased for planned manhole and pipeline inspections and repairs, which are escrow funded

Muddy Creek Interceptor

Revenues and Expenses

Muddy Creek Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 413,281	\$ 304,515	\$ 301,775	\$ 180,805	\$ (123,710)	-40.6%
Total Wastewater Sales	\$ 413,281	\$ 304,515	\$ 301,775	\$ 180,805	\$ (123,710)	-40.6%
Other						
440140-Master Card Rebates	\$ 242	\$ -	\$ -	\$ -	\$ -	0.0%
440999-Miscellaneous Revenue	\$ 4	\$ -	\$ -	\$ -	\$ -	0.0%
Total Other	\$ 246	\$ -	\$ -	\$ -	\$ -	0.0%
441000-Interest Income	\$ 272	\$ 210	\$ 1,775	\$ 1,680	\$ 1,470	700.0%
Revenues Total	\$ 413,799	\$ 304,725	\$ 303,550	\$ 182,485	\$ (122,240)	-40.1%
Expenses Total	\$ (413,799)	\$ (304,725)	\$ (303,550)	\$ (182,485)	\$ 122,240	-40.1%
Net Revenues	\$ -	0.0%				

Expense Detail

Muddy Creek Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance%
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 584	\$ 840	\$ 745	\$ 880	\$ 40	4.8%
511060 - Overtime	\$ 0	\$ -	\$ -	\$ -	\$ -	0.0%
512000 - Social Security	\$ 41	\$ 60	\$ 55	\$ 60	\$ -	0.0%
513000 - Workers' Comp Ins	\$ 2	\$ -	\$ 5	\$ -	\$ -	0.0%
513020 - Hospitalization Ins	\$ 76	\$ 105	\$ 105	\$ 115	\$ 10	9.5%
513040 - Dental Ins	\$ 4	\$ -	\$ 5	\$ -	\$ -	0.0%
513060 - Life Ins	\$ 1	\$ -	\$ 5	\$ -	\$ -	0.0%
513070 - LT Disability Ins	\$ -	\$ -	\$ 5	\$ -	\$ -	0.0%
514000 - Retirement	\$ -	\$ -	\$ 15	\$ 100	\$ 100	0.0%
514010 - Retiree - Insurance	\$ -	\$ -	\$ 5	\$ 30	\$ 30	0.0%
514020 - Comp Absences-vacation	\$ -	\$ 35	\$ 35	\$ -	\$ (35)	-100.0%
514030 - Comp Absences-sick	\$ -	\$ -	\$ -	\$ 20	\$ 20	0.0%
515000 - Cell Phone Stipend	\$ 2	\$ -	\$ 5	\$ -	\$ -	0.0%
Personnel Total	\$ 710	\$ 1,040	\$ 985	\$ 1,205	\$ 165	15.9%
Supplies						
520800 - Small Tools & Equip	\$ 4,995	\$ 5,500	\$ 4,800	\$ 5,500	\$ -	0.0%
521110 - Safety Supplies	\$ -	\$ -	\$ 5	\$ -	\$ -	0.0%
521200 - Chem - Other	\$ 3,080	\$ 4,770	\$ 4,770	\$ 5,850	\$ 1,080	22.6%
521215 - Chem - Bioxide	\$ 43,033	\$ 50,920	\$ 61,920	\$ 65,930	\$ 15,010	29.5%
521400 - Electrical Supplies	\$ -	\$ 500	\$ 500	\$ 500	\$ -	0.0%
521500 - Mechanical Supplies	\$ -	\$ 250	\$ 250	\$ 250	\$ -	0.0%
521600 - Pipeline Supplies	\$ -	\$ 250	\$ 250	\$ 250	\$ -	0.0%
Supplies Total	\$ 51,108	\$ 62,190	\$ 72,495	\$ 78,280	\$ 16,090	25.9%

Expense Detail (continued)

Muddy Creek Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services						
531020 - Internet Service	\$ 150	\$ 510	\$ 510	\$ 510	\$ -	0.0%
531100 - Electric Power	\$ 531	\$ 500	\$ 565	\$ 850	\$ 350	70.0%
531120 - Retail Water Service	\$ -	\$ -	\$ 700	\$ 700	\$ 700	0.0%
531200 - Bank Service Fees	\$ 1	\$ 5	\$ 5	\$ 5	\$ -	0.0%
531310 - Special Studies & Rpts	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000	0.0%
531800 - Rent or Lease Payment	\$ -	\$ 100	\$ 100	\$ 100	\$ -	0.0%
532220 - Pipeline Maintenance	\$ -	\$ 22,500	\$ 180	\$ 22,500	\$ -	0.0%
532800 - Grounds Maintenance	\$ -	\$ 5,000	\$ 5,000	\$ 5,000	\$ -	0.0%
533100 - Administration	\$ 670	\$ 1,340	\$ 1,340	\$ -	\$ (1,340)	-100.0%
533380 - Odor Control Crew	\$ 787	\$ 750	\$ 1,000	\$ 1,000	\$ 250	33.3%
533680 - Conveyance System Exp	\$ 10,400	\$ 11,200	\$ 11,200	\$ 12,000	\$ 800	7.1%
Shared Services	\$ 19,052	\$ 13,900	\$ 23,780	\$ 49,645	\$ 35,745	257.2%
Services Total	\$ 31,591	\$ 55,805	\$ 44,380	\$ 97,310	\$ 41,505	74.4%
Escrow						
550700 - Prev Maint Escrow	\$ 69,000	\$ 11,000	\$ 11,000	\$ 1,000	\$ (10,000)	-90.9%
Escrow Total	\$ 69,000	\$ 11,000	\$ 11,000	\$ 1,000	\$ (10,000)	-90.9%
Debt Service						
571000 - Tsf to I & S	\$ 256,700	\$ 170,000	\$ 170,000	\$ -	\$ (170,000)	-100.0%
579000 - Bond Service Fees	\$ 4,690	\$ 4,690	\$ 4,690	\$ 4,690	\$ -	0.0%
Debt Service Total	\$ 261,390	\$ 174,690	\$ 174,690	\$ 4,690	\$ (170,000)	-97.3%
Grand Total	\$ 413,799	\$ 304,725	\$ 303,550	\$ 182,485	\$ (122,240)	-40.1%

Major FY24 Budget Items

The department's FY24 Proposed Budget has decreased by \$122,240 from the FY23 Original Budget. Major variances are explained below:

- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund
- Debt Service decreased because the payment will be made via transfers from the Debt Service Reserve Fund

Parker Creek Interceptor**Revenues and Expenses**

Parker Creek Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 375,899	\$ 444,765	\$ 436,405	\$ 439,020	\$ (5,745)	-1.3%
Total Wastewater Sales	\$ 375,899	\$ 444,765	\$ 436,405	\$ 439,020	\$ (5,745)	-1.3%
Other						
440140-Master Card Rebates	\$ 14	\$ -	\$ -	\$ -	\$ -	0.0%
440999-Miscellaneous Revenue	144	-	-	-	-	0.0%
Total Other	\$ 158	\$ -	\$ -	\$ -	\$ -	0.0%
441000-Interest Income	\$ 669	\$ 310	\$ 7,005	\$ 6,225	\$ 5,915	1908.1%
Revenues Total	\$ 376,726	\$ 445,075	\$ 443,410	\$ 445,245	\$ 170	0.0%
Expenses Total	\$ (376,726)	\$ (445,075)	\$ (443,410)	\$ (445,245)	\$ (170)	0.0%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Parker Creek Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance%
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages						
511060 - Overtime	\$ 2,647	\$ 4,610	\$ 3,945	\$ 5,025	\$ 415	9.0%
512000 - Social Security	1	-	10	-	-	0.0%
513000 - Workers' Comp Ins	196	350	300	390	40	11.4%
513020 - Hospitalization Ins	18	15	20	15	-	0.0%
513040 - Dental Ins	226	360	360	385	25	6.9%
513060 - Life Ins	19	15	25	20	5	33.3%
513070 - LT Disability Ins	6	5	10	-	(5)	-100.0%
514000 - Retirement	-	-	20	15	15	0.0%
514010 - Retiree - Insurance	-	-	90	460	460	0.0%
514020 - Comp Absences-vacation	-	140	140	40	(100)	-71.4%
514030 - Comp Absences-sick	-	-	-	150	150	0.0%
515000 - Cell Phone Stipend	19	10	10	10	-	0.0%
Personnel Total	\$ 3,119	\$ 5,505	\$ 4,960	\$ 6,655	\$ 1,150	20.9%
Supplies						
520800 - Small Tools & Equip						
521110 - Safety Supplies	\$ 4,695	\$ 5,500	\$ 2,500	\$ 5,500	\$ -	0.0%
521400 - Electrical Supplies	-	-	5	-	-	0.0%
521500 - Mechanical Supplies	-	3,000	2,975	3,000	-	0.0%
521600 - Pipeline Supplies	-	250	250	250	-	0.0%
522000 - Equipment Supplies	-	1,000	1,000	1,000	-	0.0%
522200 - Road Maint Supplies	-	2,000	2,000	2,000	-	0.0%
522200 - Road Maint Supplies	-	1,800	1,800	1,800	-	0.0%
Supplies Total	\$ 4,695	\$ 13,550	\$ 10,530	\$ 13,550	\$ -	0.0%

Expense Detail (continued)

Parker Creek Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services						
530900 - General Liability Ins	\$ (212)	\$ -	\$ 5	\$ 5	\$ 5	0.0%
531020 - Internet Service	533	270	270	360	90	33.3%
531100 - Electric Power	491	550	550	600	50	9.1%
531200 - Bank Service Fees	1	5	5	5	-	0.0%
531300 - Engin/Consultant Svc	-	-	30,000	-	-	0.0%
531310 - Special Studies & Rpts	-	-	-	20,000	20,000	0.0%
531800 - Rent or Lease Payment	-	100	100	100	-	0.0%
532200 - Equipment Maintenance	-	100	100	100	-	0.0%
532220 - Pipeline Maintenance	-	24,250	250	24,250	-	0.0%
532800 - Grounds Maintenance	-	5,000	3,500	5,000	-	0.0%
533100 - Administration	775	1,550	1,550	-	(1,550)	-100.0%
533380 - Odor Control Crew	-	750	750	750	-	0.0%
533680 - Conveyance System Exp	25,200	27,100	27,100	29,700	2,600	9.6%
Shared Services	20,694	41,195	38,590	69,380	28,185	68.4%
Services Total	\$ 47,481	\$ 100,870	\$ 102,770	\$ 150,250	\$ 49,380	49.0%
Escrow						
550700 - Prev Maint Escrow	\$ 169,000	\$ 24,500	\$ 24,500	\$ 25,100	\$ 600	2.4%
Escrow Total	\$ 169,000	\$ 24,500	\$ 24,500	\$ 25,100	\$ 600	2.4%
Capital Improvement						
573010 - Tsf to Capital Impr	\$ -	\$ 295,000	\$ 295,000	\$ 245,000	\$ (50,000)	-16.9%
Capital Improvement Total	\$ -	\$ 295,000	\$ 295,000	\$ 245,000	\$ (50,000)	-16.9%
Debt Service						
571000 - Tsf to I & S	\$ 147,741	\$ -	\$ -	\$ -	\$ -	0.0%
579000 - Bond Service Fees	4,690	5,650	5,650	4,690	(960)	-17.0%
Debt Service Total	\$ 152,431	\$ 5,650	\$ 5,650	\$ 4,690	\$ (960)	-17.0%
Grand Total	\$ 376,726	\$ 445,075	\$ 443,410	\$ 445,245	\$ 170	0.0%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$170 from the FY23 Original Budget. Major variances are explained below:

- Special Studies & Reports increased for a meter evaluation of billing meters
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund
- A decrease in the transfer amount to the Capital Improvement Fund

Sabine Creek Interceptor

Revenues and Expenses

Sabine Creek Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 267,895	\$ 98,885	\$ 96,830	\$ 86,125	\$ (12,760)	-12.9%
Total Wastewater Sales	\$ 267,895	\$ 98,885	\$ 96,830	\$ 86,125	\$ (12,760)	-12.9%
Other						
459100-Tfr from Escrow Fund	\$ -	\$ -	\$ -	\$ 270,000	\$ 270,000	0.0%
Total Other	\$ -	\$ -	\$ -	\$ 270,000	\$ 270,000	0.0%
441000-Interest Income	\$ 483	\$ 215	\$ 1,830	\$ 1,875	\$ 1,660	772.1%
Revenues Total	\$ 268,379	\$ 99,100	\$ 98,660	\$ 358,000	\$ 258,900	261.3%
Expenses Total	\$ (268,379)	\$ (99,100)	\$ (98,660)	\$ (358,000)	\$ (258,900)	261.3%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Sabine Creek Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 197	\$ 340	\$ 290	\$ 365	\$ 25	7.4%
511060 - Overtime	0	-	5	-	-	0.0%
512000 - Social Security	13	20	15	15	(5)	-25.0%
513000 - Workers' Comp Ins	1	-	5	-	-	0.0%
513020 - Hospitalization Ins	18	25	25	25	-	0.0%
513040 - Dental Ins	1	-	5	-	-	0.0%
513060 - Life Ins	0	-	-	-	-	0.0%
513070 - LT Disability Ins	-	-	5	-	-	0.0%
514000 - Retirement	-	-	5	35	35	0.0%
514010 - Retiree - Insurance	-	-	-	10	10	0.0%
514020 - Comp Absences-vacation	-	15	15	-	(15)	-100.0%
514030 - Comp Absences-sick	-	-	-	15	15	0.0%
515000 - Cell Phone Stipend	0	-	5	-	-	0.0%
Personnel Total	\$ 230	\$ 400	\$ 375	\$ 465	\$ 65	16.3%
Supplies						
520800 - Small Tools & Equip	\$ 1,795	\$ 2,500	\$ 2,490	\$ 2,500	\$ -	0.0%
521110 - Safety Supplies	-	-	5	-	-	0.0%
521500 - Mechanical Supplies	-	50	50	50	-	0.0%
521600 - Pipeline Supplies	101	400	400	400	-	0.0%
Supplies Total	\$ 1,896	\$ 2,950	\$ 2,945	\$ 2,950	\$ -	0.0%
Services						
530900 - General Liability Ins	\$ (54)	\$ -	\$ -	\$ -	\$ -	0.0%
531200 - Bank Service Fees	1	5	5	5	-	0.0%
531310 - Special Studies & Rpts	-	-	20,000	40,000	40,000	0.0%
531800 - Rent or Lease Payment	-	100	100	100	-	0.0%
532220 - Pipeline Maintenance	-	22,500	2,500	252,500	230,000	1022.2%

Expense Detail (continued)

Sabine Creek Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services (continued)						
532800 - Grounds Maintenance	\$ 2,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ -	0.0%
533100 - Administration	250	495	495	-	(495)	-100.0%
533380 - Odor Control Crew	-	750	750	750	-	0.0%
533680 - Conveyance System Exp	4,500	4,800	4,800	5,200	400	8.3%
Shared Services	3,766	13,450	13,040	21,340	7,890	58.7%
Services Total	\$ 10,463	\$ 47,100	\$ 46,690	\$ 324,895	\$ 277,795	589.8%
Escrow						
550660 - Rsv for Maintenance	\$ 25,000	\$ -	\$ -	\$ -	\$ -	0.0%
550700 - Prev Maint Escrow	108,000	43,000	43,000	25,000	(18,000)	-41.9%
Escrow Total	\$ 133,000	\$ 43,000	\$ 43,000	\$ 25,000	\$ (18,000)	-41.9%
571000 - Tsf to I & S	\$ 118,100	\$ -	\$ -	\$ -	\$ -	0.0%
579000 - Bond Service Fees	4,690	5,650	5,650	4,690	(960)	-17.0%
Debt Service Total	\$ 122,790	\$ 5,650	\$ 5,650	\$ 4,690	\$ (960)	-17.0%
Grand Total	\$ 268,379	\$ 99,100	\$ 98,660	\$ 358,000	\$ 258,900	261.3%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$258,900 from the FY23 Original Budget. Major variances are explained below:

- Special Studies & Reports and Pipeline Maintenance increased for planned manhole and pipeline inspections/repairs, which are escrow funded
- Transfers to the Preventative Maintenance Fund decreased based on forecasted need for pipeline inspections and repairs
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund

Buffalo Creek Interceptor**Revenues and Expenses**

Buffalo Creek Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 3,632,792	\$ 4,406,325	\$ 4,357,820	\$ 5,298,875	\$ 892,550	20.3%
Total Wastewater Sales	\$ 3,632,792	\$ 4,406,325	\$ 4,357,820	\$ 5,298,875	\$ 892,550	20.3%
Other						
440140-Master Card Rebates	\$ 434	\$ -	\$ -	\$ -	\$ -	0.0%
440999-Miscellaneous Revenue	191	-	-	-	-	0.0%
Total Other	\$ 625	\$ -	\$ -	\$ -	\$ -	0.0%
441000-Interest Income	\$ 3,496	\$ 2,180	\$ 42,465	\$ 40,655	\$ 38,475	1764.9%
Revenues Total	\$ 3,636,913	\$ 4,408,505	\$ 4,400,285	\$ 5,339,530	\$ 931,025	21.1%
Expenses Total	\$ (3,636,913)	\$ (4,408,505)	\$ (4,400,285)	\$ (5,339,530)	\$ (931,025)	21.1%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Buffalo Creek Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 6,609	\$ 9,935	\$ 8,985	\$ 10,580	\$ 645	6.5%
511060 - Overtime	2	-	10	-	-	0.0%
512000 - Social Security	493	755	660	810	55	7.3%
513000 - Workers' Comp Ins	27	30	30	20	(10)	-33.3%
513020 - Hospitalization Ins	570	800	800	875	75	9.4%
513040 - Dental Ins	53	65	65	65	-	0.0%
513060 - Life Ins	15	15	20	15	-	0.0%
513070 - LT Disability Ins	-	-	45	35	35	0.0%
514000 - Retirement	-	-	130	1,180	1,180	0.0%
514010 - Retiree - Insurance	-	-	40	365	365	0.0%
514020 - Comp Absences-vacation	-	260	260	50	(210)	-80.8%
514030 - Comp Absences-sick	-	-	-	555	555	0.0%
515000 - Cell Phone Stipend	17	25	25	25	-	0.0%
Personnel Total	\$ 7,786	\$ 11,885	\$ 11,070	\$ 14,575	\$ 2,690	22.6%
Supplies						
520100 - Office Supplies	\$ 12	\$ 35	\$ 35	\$ 45	\$ 10	28.6%
520110 - Computer Supplies	-	125	125	135	10	8.0%
520600 - Fuel, Oil and Lube	-	25	25	30	5	20.0%
520610 - Generator Fuel	484	1,175	1,525	1,175	-	0.0%
520630 - Toll Fees	-	5	5	5	-	0.0%
520700 - Machine Oil & Lube	90	230	230	230	-	0.0%
520800 - Small Tools & Equip	7,495	8,000	8,000	8,000	-	0.0%
520810 - Fire Extinguishers	-	110	110	110	-	0.0%
521000 - Laboratory Supplies	-	250	250	250	-	0.0%
521110 - Safety Supplies	149	335	335	330	(5)	-1.5%

Expense Detail (continued)

Buffalo Creek Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
521200 - Chem - Other	\$ 3,080	\$ 5,300	\$ 6,300	\$ 6,500	\$ 1,200	22.6%
521215 - Chem - Bioxide	43,017	80,400	80,400	76,340	(4,060)	-5.0%
521400 - Electrical Supplies	9,857	10,500	10,500	10,500	-	0.0%
521500 - Mechanical Supplies	30	20,000	20,000	20,000	-	0.0%
521600 - Pipeline Supplies	4,746	10,000	10,000	10,000	-	0.0%
521700 - Building Supplies	-	100	100	100	-	0.0%
521900 - Vehicle Supplies	-	5	5	5	-	0.0%
521910 - Tires and Tubes	-	10	10	15	5	50.0%
522000 - Equipment Supplies	-	2,025	2,025	2,025	-	0.0%
522200 - Road Maint Supplies	-	600	600	600	-	0.0%
Supplies Total	\$ 68,960	\$ 139,230	\$ 140,580	\$ 136,395	\$ (2,835)	-2.0%
Services						
530400 - Fire & Exten Cov Ins	\$ 4,533	\$ 6,290	\$ 4,030	\$ 14,065	\$ 7,775	123.6%
530900 - General Liability Ins	4,835	5,945	5,945	2,085	(3,860)	-64.9%
531020 - Internet Service	901	845	845	845	-	0.0%
531100 - Electric Power	56,018	55,650	80,650	58,000	2,350	4.2%
531120 - Retail Water Service	21	720	720	720	-	0.0%
531200 - Bank Service Fees	48	60	60	60	-	0.0%
531310 - Special Studies & Rpts	34,719	45,000	45,000	50,000	5,000	11.1%
531800 - Rent or Lease Payment	-	3,075	3,075	3,090	15	0.5%
531900 - Travel and Training	43	190	190	180	(10)	-5.3%
532000 - Mem & Subscriptions	1,173	575	575	715	140	24.3%
532200 - Equipment Maintenance	3,140	12,000	12,000	12,000	-	0.0%
532220 - Pipeline Maintenance	32,403	118,750	93,750	118,750	-	0.0%
532230 - Facilities Maintenance	2,500	37,800	35,675	37,800	-	0.0%
532800 - Grounds Maintenance	6,798	26,320	26,320	26,320	-	0.0%
532900 - Electrical Sys Maint	3,628	6,000	6,000	6,800	800	13.3%
533000 - Other Services	-	10,000	10,000	10,000	-	0.0%
533030 - Contractual Safety Serv	-	2,200	2,200	2,200	-	0.0%
533100 - Administration	1,450	2,900	2,900	-	(2,900)	-100.0%
533380 - Odor Control Crew	2,265	3,000	3,750	3,000	-	0.0%
533630 - Landfill Service Fees	-	2,825	2,825	2,825	-	0.0%
533680 - Conveyance System Exp	111,200	120,800	120,800	147,200	26,400	21.9%
Shared Services	195,518	203,505	198,385	300,585	97,080	47.7%
Services Total	\$ 461,193	\$ 664,450	\$ 655,695	\$ 797,240	\$ 132,790	20.0%
Escrow						
550700 - Prev Maint Escrow	\$ 235,000	\$ 53,870	\$ 53,870	\$ 200,000	\$ 146,130	271.3%
Escrow Total	\$ 235,000	\$ 53,870	\$ 53,870	\$ 200,000	\$ 146,130	271.3%
Debt Service						
571000 - Tsf to I & S	\$ 2,855,600	\$ 3,529,000	\$ 3,529,000	\$ 4,176,900	\$ 647,900	18.4%
579000 - Bond Service Fees	8,375	10,070	10,070	14,420	4,350	43.2%
Debt Service Total	\$ 2,863,975	\$ 3,539,070	\$ 3,539,070	\$ 4,191,320	\$ 652,250	18.4%
Grand Total	\$ 3,636,913	\$ 4,408,505	\$ 4,400,285	\$ 5,339,530	\$ 931,025	21.1%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$931,025 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Retirement costs
- Fire & Extended Coverage Insurance increased due to higher commercial property insurance premiums
- Conveyance System Expense is higher because of increased personnel costs and the significant increase in pipeline length
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund
- Transfers to the Preventative Maintenance Fund increased based on forecasted need for pipeline inspections and repairs
- Debt Service increased as a result of a higher debt service payment

McKinney Interceptor

Revenues and Expenses

McKinney Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 43,377	\$ 89,635	\$ 87,950	\$ 52,080	\$ (37,555)	-41.9%
Total Wastewater Sales	\$ 43,377	\$ 89,635	\$ 87,950	\$ 52,080	\$ (37,555)	-41.9%
441000-Interest Income	\$ 189	\$ 115	\$ 980	\$ 895	\$ 780	678.3%
Revenues Total	\$ 43,567	\$ 89,750	\$ 88,930	\$ 52,975	\$ (36,775)	-41.0%
Expenses Total	\$ (43,567)	\$ (89,750)	\$ (88,930)	\$ (52,975)	\$ 36,775	-41.0%
Net Revenues	\$ -	0.0%				

Expense Detail

McKinney Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 170	\$ 310	\$ 260	\$ 335	\$ 25	8.1%
511060 - Overtime	0	-	5	-	-	0.0%
512000 - Social Security	11	20	15	15	(5)	-25.0%
513000 - Workers' Comp Ins	1	-	5	-	-	0.0%
513020 - Hospitalization Ins	13	20	20	20	-	0.0%
513040 - Dental Ins	1	-	5	-	-	0.0%
513060 - Life Ins	0	-	-	-	-	0.0%
513070 - LT Disability Ins	-	-	5	-	-	0.0%
514000 - Retirement	-	-	5	30	30	0.0%
514010 - Retiree - Insurance	-	-	-	10	10	0.0%
514020 - Comp Absences-vacation	-	10	10	5	(5)	-50.0%
514030 - Comp Absences-sick	-	-	-	15	15	0.0%
515000 - Cell Phone Stipend	0	-	5	-	-	0.0%
Personnel Total	\$ 196	\$ 360	\$ 335	\$ 430	\$ 70	19.4%
Supplies						
520800 - Small Tools & Equip	\$ 1,700	\$ 2,500	\$ 2,500	\$ 2,500	\$ -	0.0%
521110 - Safety Supplies	-	-	5	-	-	0.0%
521400 - Electrical Supplies	-	200	200	200	-	0.0%
521500 - Mechanical Supplies	-	150	150	150	-	0.0%
521600 - Pipeline Supplies	-	100	100	100	-	0.0%
Supplies Total	\$ 1,700	\$ 2,950	\$ 2,955	\$ 2,950	\$ -	0.0%
Services						
530900 - General Liability Ins	\$ 25	\$ 110	\$ 110	\$ -	\$ (110)	-100.0%
531100 - Electric Power	324	350	350	350	-	0.0%
531800 - Rent or Lease Payment	-	100	310	100	-	0.0%
532200 - Equipment Maintenance	-	300	300	300	-	0.0%
532220 - Pipeline Maintenance	-	22,500	22,280	22,500	-	0.0%
532800 - Grounds Maintenance	-	5,000	5,000	5,000	-	0.0%
533100 - Administration	405	810	810	-	\$ (810)	-100.0%

Expense Detail (continued)

McKinney Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services (continued)						
533380 - Odor Control Crew	\$ -	\$ 750	\$ 750	\$ 750	\$ -	0.0%
533680 - Conveyance System Exp	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000	0.0%
Shared Services	\$ 17,916	\$ 20,120	\$ 19,330	\$ 14,595	\$ (5,525)	-27.5%
Services Total	\$ 18,671	\$ 50,040	\$ 49,240	\$ 48,595	\$ (1,445)	-2.9%
Escrow						
550700 - Prev Maint Escrow	\$ 23,000	\$ 36,400	\$ 36,400	\$ 1,000	\$ (35,400)	-97.3%
Escrow Total	\$ 23,000	\$ 36,400	\$ 36,400	\$ 1,000	\$ (35,400)	-97.3%
Grand Total	\$ 43,567	\$ 89,750	\$ 88,930	\$ 52,975	\$ (36,775)	-41.0%

Major FY24 Budget Items

The department's FY24 Proposed Budget has decreased by \$36,775 from the FY23 Original Budget. Major variances are explained below:

- A decrease in the amount transferred to Preventative Maintenance Fund, which funds future pipeline inspections and repairs

Mustang Creek Interceptor

Revenues and Expenses

Mustang Creek Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 2,549,409	\$ 2,956,295	\$ 2,524,870	\$ 3,488,900	\$ 532,605	18.0%
Total Wastewater Sales	\$ 2,549,409	\$ 2,956,295	\$ 2,524,870	\$ 3,488,900	\$ 532,605	18.0%
Other						
440140-Master Card Rebates	\$ 8	\$ -	\$ -	\$ -	\$ -	0.0%
440999-Miscellaneous Revenues	5	-	-	-	-	0.0%
459100-Tfr from Escrow Fund	270,000	-	-	-	-	0.0%
Total Other	\$ 270,013	\$ -	\$ -	\$ -	\$ -	0.0%
441000-Interest Income	\$ 1,389	\$ 1,010	\$ 2,415	\$ 2,760	\$ 1,750	173.3%
Revenues Total	\$ 2,820,811	\$ 2,957,305	\$ 2,527,285	\$ 3,491,660	\$ 534,355	18.1%
Expenses Total	\$ (2,820,811)	\$ (2,957,305)	\$ (2,527,285)	\$ (3,491,660)	\$ (534,355)	18.1%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Mustang Creek Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 1,635	\$ 2,790	\$ 2,420	\$ 3,000	\$ 210	7.5%
511060 - Overtime	0	-	5	-	-	0.0%
512000 - Social Security	122	215	180	235	20	9.3%
513000 - Workers' Comp Ins	10	10	10	10	-	0.0%
513020 - Hospitalization Ins	111	180	180	200	20	11.1%
513040 - Dental Ins	12	10	15	10	-	0.0%
513060 - Life Ins	3	-	5	-	-	0.0%
513070 - LT Disability Ins	-	-	15	5	5	0.0%
514000 - Retirement	-	-	45	290	290	0.0%
514010 - Retiree - Insurance	-	-	15	90	90	0.0%
514020 - Comp Absences-vacation	-	70	70	35	(35)	-50.0%
514030 - Comp Absences-sick	-	-	-	145	145	0.0%
515000 - Cell Phone Stipend	4	-	5	-	-	0.0%
Personnel Total	\$ 1,896	\$ 3,275	\$ 2,965	\$ 4,020	\$ 745	22.7%
Supplies						
520610 - Generator Fuel	\$ -	\$ 1,200	\$ 1,200	\$ 1,200	\$ -	0.0%
520700 - Machine Oil & Lube	-	230	230	230	-	0.0%
520800 - Small Tools & Equip	6,476	5,500	5,500	5,500	-	0.0%
520810 - Fire Extinguishers	105	110	110	110	-	0.0%
521110 - Safety Supplies	264	325	325	325	-	0.0%
521200 - Chem - Other	9,240	12,720	12,720	15,600	2,880	22.6%
521400 - Electrical Supplies	-	10,000	3,485	10,000	-	0.0%
521500 - Mechanical Supplies	500	20,000	7,000	20,000	-	0.0%
521600 - Pipeline Supplies	552	5,000	5,000	5,000	-	0.0%
521700 - Building Supplies	-	100	100	100	-	0.0%

Expense Detail

Mustang Creek Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
522000 - Equipment Supplies	\$ -	\$ 2,000	\$ 2,000	\$ 2,000	\$ -	0.0%
522200 - Road Maint Supplies	-	750	750	750	-	0.0%
Supplies Total	\$ 17,137	\$ 57,935	\$ 38,420	\$ 60,815	\$ 2,880	5.0%
Services						
530400 - Fire & Exten Cov Ins	\$ 958	\$ -	\$ 3,140	\$ 4,510	\$ 4,510	0.0%
530900 - General Liability Ins	(2,365)	2,425	2,425	2,085	(340)	-14.0%
531020 - Internet Service	75	510	510	510	-	0.0%
531100 - Electric Power	47,860	50,000	95,000	90,000	40,000	80.0%
531120 - Retail Water Service	217	750	750	750	-	0.0%
531200 - Bank Service Fees	23	60	60	60	-	0.0%
531310 - Special Studies & Rpts	28,836	-	-	20,000	20,000	0.0%
531800 - Rent or Lease Payment	-	500	500	500	-	0.0%
532200 - Equipment Maintenance	375	12,000	7,000	12,000	-	0.0%
532220 - Pipeline Maintenance	43,382	32,500	9,500	32,500	-	0.0%
532230 - Facilities Maintenance	171	12,800	9,800	12,800	-	0.0%
532800 - Grounds Maintenance	3,635	10,400	10,400	10,400	-	0.0%
532900 - Electrical Sys Maint	-	10,000	5,000	10,000	-	0.0%
533000 - Other Services	-	500	500	500	-	0.0%
533030 - Contractual Safety Serv	-	2,200	2,200	2,200	-	0.0%
533100 - Administration	410	820	820	-	(820)	-100.0%
533380 - Odor Control Crew	7,424	5,000	5,500	5,000	-	0.0%
533630 - Landfill Service Fees	-	1,945	1,945	1,945	-	0.0%
533680 - Conveyance System Exp	76,300	83,500	83,500	93,000	9,500	11.4%
Shared Services	113,556	195,845	199,410	256,675	60,830	31.1%
Services Total	\$ 320,857	\$ 421,755	\$ 437,960	\$ 555,435	\$ 133,680	31.7%
Escrow						
550700 - Prev Maint Escrow	\$ 385,000	\$ 33,400	\$ 33,400	\$ 15,000	\$ (18,400)	-55.1%
Escrow Total	\$ 385,000	\$ 33,400	\$ 33,400	\$ 15,000	\$ (18,400)	-55.1%
Debt Service						
571000 - Tsf to I & S	\$ 2,087,100	\$ 2,429,700	\$ 2,003,300	\$ 2,846,500	\$ 416,800	17.2%
579000 - Bond Service Fees	8,820	11,240	11,240	9,890	(1,350)	-12.0%
Debt Service Total	\$ 2,095,920	\$ 2,440,940	\$ 2,014,540	\$ 2,856,390	\$ 415,450	17.0%
Grand Total	\$ 2,820,811	\$ 2,957,305	\$ 2,527,285	\$ 3,491,660	\$ 534,355	18.1%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$534,355 from the FY23 Original Budget. Major variances are explained below:

- Fire & Extended Coverage Insurance increased due to higher commercial property insurance premiums
- Electric Power increased based on forecasted usage and higher costs
- Special Studies & Reports increased to perform a meter evaluation of billing meters
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund
- Debt Service increased reflecting a higher payment in FY24

Parker Creek Parallel Interceptor

Revenues and Expenses

Parker Creek Parallel Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 237,481	\$ 258,055	\$ 256,530	\$ 263,210	\$ 5,155	2.0%
Total Wastewater Sales	\$ 237,481	\$ 258,055	\$ 256,530	\$ 263,210	\$ 5,155	2.0%
441000-Interest Income	\$ 155	\$ 110	\$ 1,190	\$ 1,130	\$ 1,020	927.3%
Revenues Total	\$ 237,636	\$ 258,165	\$ 257,720	\$ 264,340	\$ 6,175	2.4%
Expenses Total	\$ (237,636)	\$ (258,165)	\$ (257,720)	\$ (264,340)	\$ (6,175)	2.4%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Parker Creek Parallel Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 188	\$ 280	\$ 270	\$ 305	\$ 25	8.9%
511060 - Overtime	-	-	5	-	-	0.0%
512000 - Social Security	13	15	15	15	-	0.0%
513000 - Workers' Comp Ins	1	-	5	-	-	0.0%
513020 - Hospitalization Ins	10	15	15	20	5	33.3%
513040 - Dental Ins	1	-	5	-	-	0.0%
513060 - Life Ins	0	-	5	-	-	0.0%
513070 - LT Disability Ins	-	-	5	-	-	0.0%
514000 - Retirement	-	-	5	35	35	0.0%
514010 - Retiree - Insurance	-	-	-	10	10	0.0%
514020 - Comp Absences-vacation	-	10	10	-	(10)	-100.0%
514030 - Comp Absences-sick	-	-	-	25	25	0.0%
515000 - Cell Phone Stipend	0	-	5	-	-	0.0%
Personnel Total	\$ 213	\$ 320	\$ 345	\$ 410	\$ 90	28.1%

Supplies						
520800 - Small Tools & Equip	\$ 1,939	\$ 2,500	\$ 2,500	\$ 2,500	\$ -	0.0%
521600 - Pipeline Supplies	-	500	500	500	-	0.0%
522000 - Equipment Supplies	-	1,025	1,020	1,025	-	0.0%
Supplies Total	\$ 1,939	\$ 4,025	\$ 4,020	\$ 4,025	\$ -	0.0%

Services						
530400 - Fire & Exten Cov Ins	\$ 458	\$ 635	\$ 410	\$ 1,880	\$ 1,245	196.1%
531020 - Internet Service	150	90	90	90	-	0.0%
531200 - Bank Service Fees	1	5	5	5	-	0.0%
531310 - Special Studies & Rpts	-	-	-	5,000	5,000	0.0%
531800 - Rent or Lease Payment	-	100	100	100	-	0.0%
532220 - Pipeline Maintenance	-	3,000	3,000	4,750	1,750	58.3%
532800 - Grounds Maintenance	-	2,500	2,500	2,500	-	0.0%
533100 - Administration	70	145	145	-	(145)	-100.0%

Expense Detail (continued)

Parker Creek Parallel Interceptor	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services (continued)						
533380 - Odor Control Crew	\$ -	\$ 1,000	\$ 1,000	\$ 250	\$ (750)	-75.0%
533680 - Conveyance System Exp	\$ 6,600	\$ 7,100	\$ 7,100	\$ 7,800	\$ 700	9.9%
Shared Services	\$ 4,925	\$ 6,945	\$ 6,705	\$ 4,440	\$ (2,505)	-36.1%
Services Total	\$ 12,204	\$ 21,520	\$ 21,055	\$ 26,815	\$ 5,295	24.6%
Escrow						
550700 - Prev Maint Escrow	\$ 34,800	\$ 39,500	\$ 39,500	\$ 35,000	\$ (4,500)	-11.4%
Escrow Total	\$ 34,800	\$ 39,500	\$ 39,500	\$ 35,000	\$ (4,500)	-11.4%
Debt Service						
571000 - Tsf to I & S	\$ 183,800	\$ 188,100	\$ 188,100	\$ 193,400	\$ 5,300	2.8%
579000 - Bond Service Fees	\$ 4,680	\$ 4,700	\$ 4,700	\$ 4,690	\$ (10)	-0.2%
Debt Service Total	\$ 188,480	\$ 192,800	\$ 192,800	\$ 198,090	\$ 5,290	2.7%
Grand Total	\$ 237,636	\$ 258,165	\$ 257,720	\$ 264,340	\$ 6,175	2.4%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$6,175 from the FY23 Original Budget. Major variances are explained below:

- Special Studies & Reports increased for a meter evaluation of billing meters
- A decrease in the amount transferred to Preventative Maintenance Fund

Wastewater Pretreatment Department

Overview

The Wastewater Pretreatment Department currently provides pretreatment services for the Cities of Allen, Forney, Frisco, McKinney, Melissa, Mesquite, Plano, Richardson, Rockwall, Seagoville, Sunnyvale, Terrell and Wylie as required by the EPA and TCEQ pretreatment regulations. Pretreatment regulations require permits for industries that discharge wastewater from specific categorical processes as defined in EPA regulations, significant quantity and/or loadings of process wastewater and industries that contribute pollutants that may cause interference with the collection system or normal operation of the wastewater treatment plant. Required oversight and assessment of the industries includes annual detailed inspections, onsite visits as needed, routine sampling of wastewater, demand or surveillance sampling and issuance and renewal of discharge permits. Additionally, the EPA requires submission of a one-time compliance report from all dental facilities discharging wastewater to any of NTMWD's wastewater treatment plants under the "Dental Amalgam Rule" (40 CFR Part 441). The NTMWD Pretreatment Department is inspected and audited by the TCEQ. Charges for services are funded by cities that discharge wastewater to our water treatment plants.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide Superior Water, Wastewater and Solid Waste Services Today and Tomorrow

- Ensure wastewater discharged from industries complies with regulations to protect the receiving wastewater treatment facilities.
- Conduct investigations to determine sources of changing wastewater influent conditions.
- Respond quickly during plant upsets caused by uncharacteristic influent conditions.
- Provide support for operations through monitoring to ensure superior services.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Provide timely response to city and industry inquiries.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Conduct meetings with cities periodically to update them on rule changes or new programs required under the pretreatment program.
- Communicate regularly with cities regarding permitting and compliance of industries within their jurisdiction.

People: Build a talented, competent and committed team

- Hire skilled employees and develop them through internal and external training.
- Ensure staff obtain and maintain a TCEQ Water Distribution/Operator license.
- Provide personal protective equipment and safety gear for all aspects of the position.

Major Budget Drivers

- Personnel
- Laboratory Services (Internal and Subcontract)
- Monitoring Equipment
- Compliance Tracking Software

Position Summary

Wastewater Pretreatment Department

Full-Time Positions	FY23	FY24	Difference
Administrative Technician	0.6	0.6	-
Environmental Quality Analyst *	0.1	0.1	-
Environmental Program Manager	0.4	0.4	-
Environmental Program Supervisor	0.6	0.6	-
Environmental Services Manager	0.3	0.3	-
Environmental Specialist I	2.0	2.0	-
Environmental Specialist II	1.0	1.0	-
Environmental Supervisor I	1.0	1.0	-
Environmental Technician	3.0	3.0	-
Total Full-Time Positions	9.0	9.0	-

* Title change in FY24

Revenues and Expenses

Wastewater Pretreatment Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Pretreatment - Members	\$ 1,181,974	\$ 1,460,445	\$ 1,427,940	\$ 1,754,155	\$ 293,710	20.1%
Total Wastewater Sales	\$ 1,181,974	\$ 1,460,445	\$ 1,427,940	\$ 1,754,155	\$ 293,710	20.1%
Other						
440040-Recov of Prior Year Exp	\$ 11,828	\$ -	\$ -	\$ -	\$ -	0.0%
440140-Master Card Rebates	265	-	-	-	-	0.0%
440999-Misc Revenue	159	-	-	-	-	0.0%
Total Other	\$ 12,252	\$ -	\$ -	\$ -	\$ -	0.0%
441000-Interest Income	\$ 2,184	\$ 1,165	\$ 11,175	\$ 10,770	\$ 9,605	824.5%
Revenues Total	\$ 1,196,410	\$ 1,461,610	\$ 1,439,115	\$ 1,764,925	\$ 303,315	20.8%
Expenses Total	\$ (1,196,410)	\$ (1,461,610)	\$ (1,439,115)	\$ (1,764,925)	\$ (303,315)	20.8%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.0%

Expense Detail

Wastewater Pretreatment Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 518,470	\$ 621,700	\$ 584,255	\$ 644,935	\$ 23,235	3.7%
511060 - Overtime	1,984	2,000	2,000	2,000	-	0.0%
512000 - Social Security	38,357	47,570	43,965	49,340	1,770	3.7%
513000 - Workers' Comp Ins	8,603	10,930	8,515	9,430	(1,500)	-13.7%
513020 - Hospitalization Ins	96,715	112,795	112,795	134,865	22,070	19.6%
513040 - Dental Ins	3,669	4,185	4,915	5,080	895	21.4%
513060 - Life Ins	1,227	1,515	1,370	1,380	(135)	-8.9%
513070 - LT Disability Ins	-	-	1,795	2,430	2,430	0.0%
514000 - Retirement	83,110	78,190	99,845	111,470	33,280	42.6%
514010 - Retiree - Insurance	26,690	25,560	31,995	34,595	9,035	35.3%

Expense Detail (continued)

Wastewater Pretreatment Department		2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget	
Personnel (continued)							
514020 - Comp Absences-vacation	\$ 28,405	\$ -	\$ -	\$ -	\$ -	-	0.0%
514030 - Comp Absences-sick	5,440	-	-	-	-	-	0.0%
515000 - Cell Phone Stipend	3,114	4,010	3,890	4,010	-	-	0.0%
Personnel Total	\$ 815,783	\$ 908,455	\$ 895,340	\$ 999,535	\$ 91,080	10.0%	
Supplies							
520100 - Office Supplies	\$ 1,052	\$ 1,815	\$ 1,815	\$ 1,815	\$ -	-	0.0%
520110 - Computer Supplies	13,253	27,015	27,015	27,000	(15)	-0.1%	
520300 - Clothing Supplies	2,787	5,760	5,760	6,060	300	5.2%	
520600 - Fuel, Oil and Lube	4,222	6,500	6,500	6,500	-	0.0%	
520630 - Toll Fees	290	400	400	400	-	0.0%	
520800 - Small Tools & Equip	7,921	11,600	11,600	11,800	200	1.7%	
521000 - Laboratory Supplies	3,057	3,100	3,100	3,260	160	5.2%	
521110 - Safety Supplies	730	1,530	1,530	1,800	270	17.6%	
521900 - Vehicle Supplies	217	2,100	2,100	2,100	-	0.0%	
521910 - Tires and Tubes	-	2,100	2,100	2,100	-	0.0%	
522000 - Equipment Supplies	15,939	17,155	17,155	17,250	95	0.6%	
Supplies Total	\$ 49,467	\$ 79,075	\$ 79,075	\$ 80,085	\$ 1,010	1.3%	
Services							
530300 - Automotive Insurance	\$ 2,181	\$ 2,725	\$ 2,725	\$ 2,270	\$ (455)	-16.7%	
530900 - General Liability Ins	464	480	480	395	(85)	-17.7%	
531020 - Internet Service	3,201	4,620	4,620	4,620	-	0.0%	
531310 - Special Studies & Rpts	17,500	30,000	30,000	30,000	-	0.0%	
531400 - Legal Service	-	10,000	10,000	10,000	-	0.0%	
531700 - Advertising	203	-	-	-	-	0.0%	
531900 - Travel and Training	2,543	8,900	8,900	10,090	1,190	13.4%	
532000 - Mem & Subscriptions	7,788	8,075	8,075	8,250	175	2.2%	
532100 - Vehicle Maint	25	2,400	2,400	2,400	-	0.0%	
532110 - Veh Maint by Solid Waste	429	1,200	1,200	1,200	-	0.0%	
532200 - Equipment Maintenance	1,311	2,000	2,000	2,000	-	0.0%	
532300 - Postage	368	500	500	500	-	0.0%	
533000 - Other Services	394	-	-	-	-	0.0%	
533100 - Administration	2,100	4,205	4,205	-	(4,205)	-100.0%	
533500 - Lab Svc - Contract	18,438	28,125	28,125	28,125	-	0.0%	
Shared Services	274,215	370,850	361,470	555,455	184,605	49.8%	
Services Total	\$ 331,160	\$ 474,080	\$ 464,700	\$ 655,305	\$ 181,225	38.2%	
Capital Outlay							
540400 - Office Equipment	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000	0.0%	
Capital Outlay Total	\$ -	\$ -	\$ -	\$ 30,000	\$ 30,000	0.0%	
Grand Total	\$ 1,196,410	\$ 1,461,610	\$ 1,439,115	\$ 1,764,925	\$ 303,315	20.8%	

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$303,315 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund
- Office Equipment increased to purchase office furniture, cubicles and equipment needed by the department for the new facilities building

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REGIONAL SOLID WASTE SYSTEM

FY24 FAST BUDGET FACTS

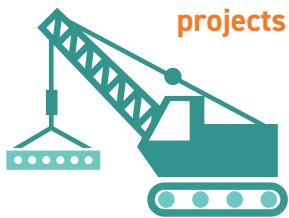
SOLID WASTE SERVICES

COMMUNITIES SERVED

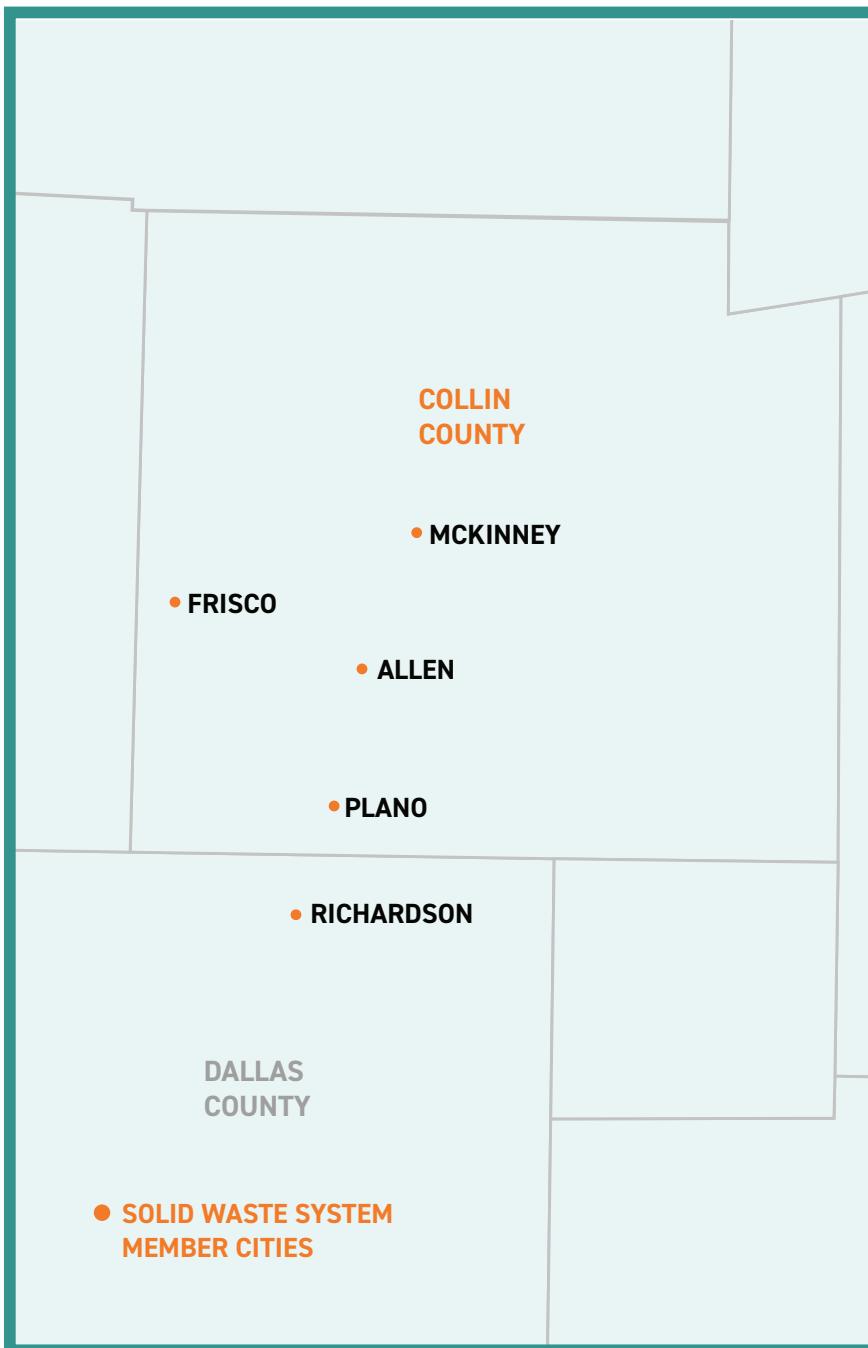
116
EMPLOYEES

\$25
MILLION

In solid waste Capital Improvement Program projects



4 Regional Citizen CONVENIENCE CENTERS



Over **50,000**

tons of yard & organic waste **composted annually**



generate renewable energy from landfill gas to power



20,000 homes



3,800

tons of solid waste **disposed per day** at 121 Regional Disposal Facility

On average, around

1 million

TONS
of solid waste disposed each year



 **3** Transfer stations permitted to process up to

4,100 TONS
of solid waste **per day**



121 Regional Disposal Facility

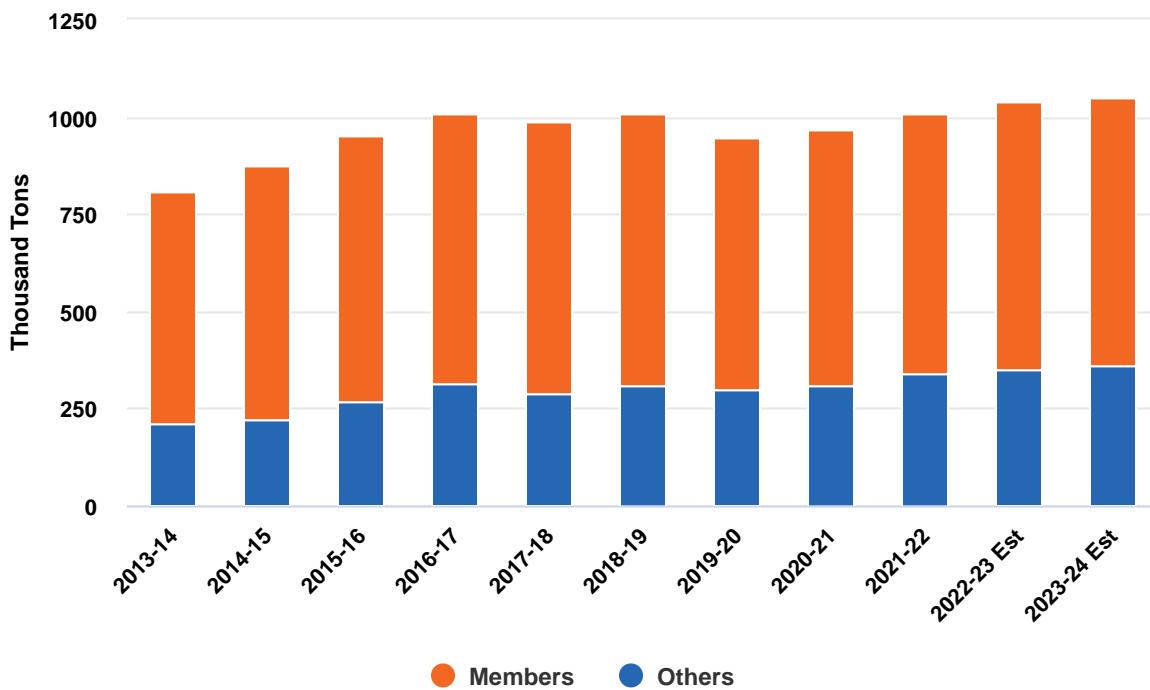


Regional Solid Waste System

The Regional Solid Waste System (RSWS) processes and disposes of nearly a million tons of solid waste safely and reliably each year while protecting the environment and water quality. The solid waste facilities are operated and monitored in full compliance with TCEQ and EPA regulations.

The RSWS provides solid waste transfer and disposal services for the five Member Cities of Allen, Frisco, McKinney, Plano and Richardson, as well as other customers in North Texas. There are three transfer stations that process up to 4,100 tons of solid waste per day and up to 3,800 tons of solid waste are disposed per day at the 121 Regional Disposal Facility (RDF). The RSWS processed a total of 1,009,404 tons of waste in 2022, and based on projections, over 1,000,000 tons will be processed in FY23 and FY24. The RSWS has a total of 116 employees.

SOLID WASTE SYSTEM TONNAGE



Collection and Transport

City or private route trucks collect solid waste from residents and businesses and deliver to the landfill or to one of three transfer stations (two in Plano and one in Richardson). District operators push and compact the solid waste onto larger capacity eighteen-wheeled District transfer trucks for transportation to the 121 RDF in Melissa, Texas. District transfer trucks drive approximately 30 miles one-way to the 121 RDF. This transfer process saves money by ensuring that smaller waste collection vehicles do not have to travel the additional distance to the landfill; it also reduces traffic and vehicle emissions associated with fewer trucks on the road. Once at the landfill, transfer trucks are directed to the active landfill cell, where the waste is unloaded, spread and compacted by 120,000-pound compactors. Each day, landfill personnel cover the day's solid waste with a minimum of six inches of clean soil or approved alternate daily cover. Residents of Member Cities can drop off certain types of waste - including used motor oil and used oil filters - twice per month at one of four Citizen Convenience Centers. Contractors may also drop off waste directly at the landfill facility.

The 121 RDF is authorized to accept properly treated bio-solids (also referred to as sludge) for disposal. The District hauls bio-solids in roll off hauling containers from various District wastewater treatment plants. Landfill Service Fees are included in the WWTPs' annual budgets.



Composting and Gas Production

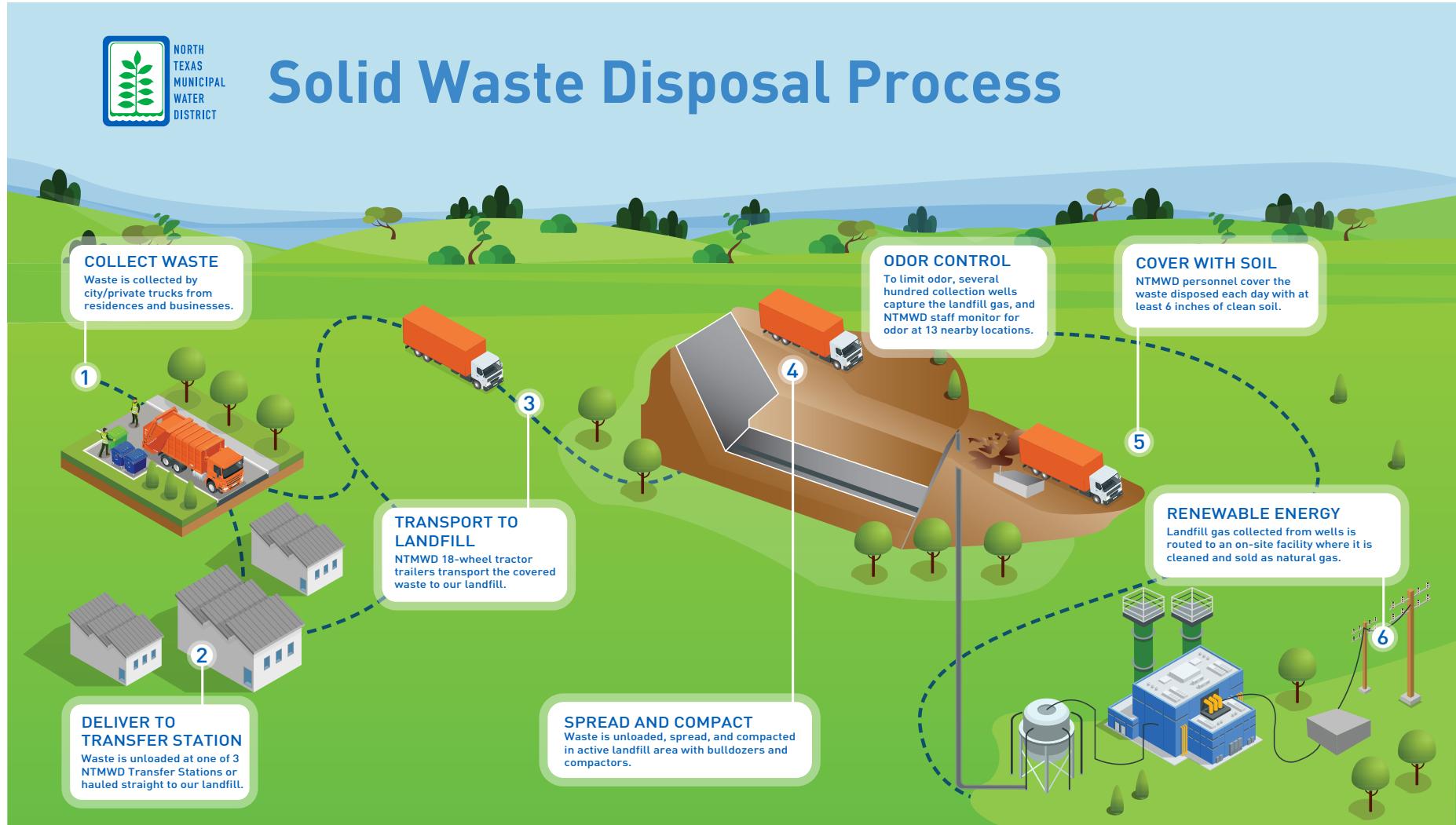
The District has a composting program managed and operated by the City of Plano under the Texas Pure Products brand. The operation consists of a wood grind facility located at the Custer Road Transfer Station in Plano and the compost operation facility located at the 121 RDF. Yard waste collected from the five Member Cities, residents and landscape professionals is transported from the Custer grind site to the 121 RDF where it can be processed into compost, soil amendments and mulch. The City of Plano invoices the District for yard waste delivered by the remaining four solid waste Member Cities and the District in turn invoices those four Member Cities. Annually, the District diverts approximately 50,000 tons of yard waste from landfill to the composting facility.



The Morrow Renewable High BTU Gas Plant is a state-of-the-art facility that captures landfill gas (methane and carbon dioxide) and converts it to clean, renewable natural gas. The process produces enough energy to heat over 20,000 homes each year. Morrow Renewables built and operates the facility and sells the renewable natural gas. The District receives a royalty on the gas produced and a share of the revenue generated goes toward offsetting landfill operation costs.

Fleet Services

The RSWs houses the District's Fleet Services operations. The Fleet Maintenance Shop is located adjacent to the 121 RDF. Fleet Maintenance Shop staff repairs and performs preventative maintenance on all transfer station and wastewater system sludge transport vehicles and equipment. The Heavy Equipment Shop is located in the 121 RDF site. Heavy Equipment Shop staff performs repairs and maintenance on heavy equipment used to operate the landfill. The Wylie Service Center is located at the Wylie WTP. Wylie Service Center staff services and performs minor repairs on all other District vehicles.



Revenues and Expenditures

Category	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues	\$ 40,446,274	\$ 43,473,935	\$ 45,479,995	\$ 45,548,730	\$ 2,074,795	4.8%

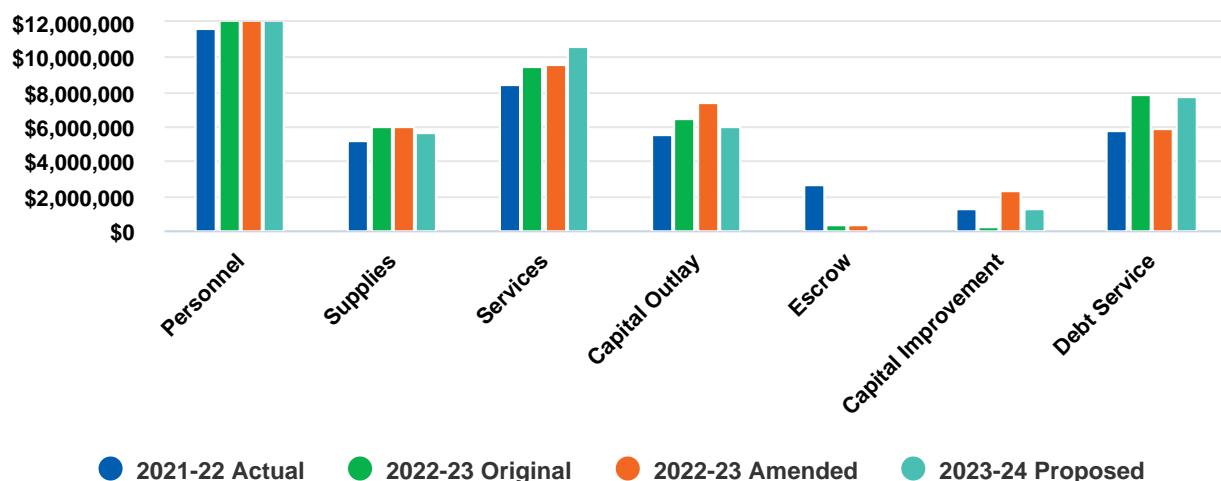
Expenditures

Personnel	\$ 11,656,661	\$ 13,122,690	\$ 14,001,040	\$ 14,204,120	\$ 1,081,430	8.2%
Supplies	5,148,264	5,970,240	5,994,840	5,663,555	(306,685)	-5.1%
Services	8,366,915	9,488,035	9,529,670	10,647,305	1,159,270	12.2%
Capital Outlay	5,592,822	6,460,700	7,397,875	6,037,000	(423,700)	-6.6%
Escrow	2,670,000	390,000	390,000	-	(390,000)	-100.0%
Debt Service	7,011,611	8,042,270	8,166,570	8,996,750	954,480	11.9%
Total	\$ 40,446,274	\$ 43,473,935	\$ 45,479,995	\$ 45,548,730	\$ 2,074,795	4.8%

The FY23 Amended Budget for expenditures and revenues totals \$45,479,995, which is \$2,006,060 or 4.6% greater than the FY23 Original Budget of \$43,473,935. Additional revenues for customer landfill usage as well as gas collection royalties are driving the overall increase in revenues with the excess funds being used to cover increased transfers to the Capital Improvement Fund and any remaining being used to lower the cost per ton and credited back to the Member Cities. For the FY24 Annual Budget, the total RSWS expenditures are \$45,548,730, which is \$2,074,795 or 4.8% greater than the FY23 Original Budget. Major budget variances are explained below:

- Increase in Personnel of \$1,081,430 due to higher salary/benefit costs
- Decrease in Supplies of \$(306,685) driven by lower than expected fuel bids
- Increase in Services of \$1,159,270 due to an increase in Shared Services budget and allocations as well as an increase for grit trap pipe and top load chutes repairs/replacements at the Transfer Stations
- Decrease in Capital Outlay of \$(423,700) driven by the lack of landfill development this year
- Decrease in Escrow of (\$390,000) caused by a reduction in transfers to the Equipment Replacement Fund which allows the member rate per ton to stay flat at \$38.25/ton
- Increase in Debt Service/Capital Improvement Transfers of \$954,480 which relate to utilizing additional cash to pay for capital projects over the next few years

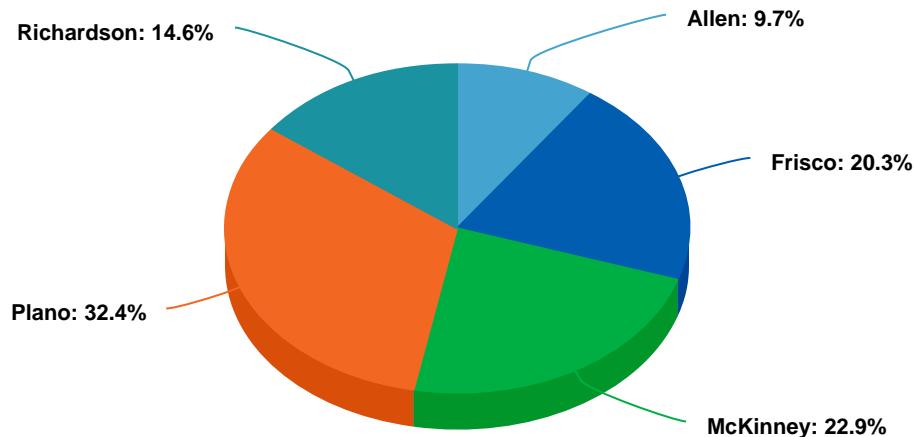
RSWS EXPENDITURES



Cost Allocation - Tonnage

Member City representatives provide estimated annual tonnage to amend the current year and future year projections. Finance compiles the actual tonnage data from monthly reports provided by RSWS management. Member Cities estimate that 688,093 tons of waste will be processed in FY23 and 690,234 tons in FY24.

PROPOSED MEMBER CITY COST ALLOCATION



Cost Allocation for Member Cities

The Regional Solid Waste System has been developed under a common bond pledge and the Member Cities share the cost of solid waste transfer and disposal services on the basis of contributed tonnage. O&M charges are allocated to each city based on estimated tonnage. Debt service charges are allocated to each city based on the greater of the city's 5-year average tonnage or 25% of the highest year tonnage. At the end of the year, the actual cost for each city is determined based on actual tonnage and final billing adjustments are applied accordingly.

The total charges to be allocated to the Member Cities for FY24 are \$26,400,650 after deducting customer landfill fees, composting revenues, gas collection royalties, sludge disposal fees, interest and other revenue in the estimated amount of \$19,148,080 from the proposed budget of \$45,548,730.

Cities	2021-22		2022-23		2022-23		2023-24	
	Actuals		Original Budget		Amended Budget		Proposed Budget	
Allen	\$ 2,418,769		\$ 2,653,276		\$ 2,601,681		\$ 2,572,235	
Frisco		4,707,520		4,956,558		5,049,000		5,368,110
McKinney		5,629,734		6,328,117		5,844,059		6,049,704
Plano		8,034,955		8,730,151		8,560,386		8,548,616
Richardson		3,649,559		3,890,628		3,750,279		3,861,985
Total	\$ 24,440,537		\$ 26,558,730		\$ 25,805,405		\$ 26,400,650	
Tonnage		669,812		694,409		688,093		690,234
Cost per ton	\$	36.49	\$	38.25	\$	37.50	\$	38.25

Regional Solid Waste System Facilities

5511 – Lookout Transfer Station (TS)

The Lookout Drive Transfer Station is located at 1601 E. Lookout Drive in Richardson. Member City's collected residential and commercial waste is delivered to this transfer station, loaded onto tractor-trailers and then transported to the 121 RDF. The site is permitted to accept an average of 625 tons per day. A Citizen Convenience Center is located at the Lookout TS.

5512 – Parkway Transfer Station

The Parkway Transfer Station is located at 4030 W. Plano Parkway in Plano. Member City's collected residential and commercial waste is delivered to this transfer station, loaded onto tractor-trailers and transported to the 121 RDF. The site is permitted to accept 1,500 tons of waste per day. A Citizen Convenience Center is located at the Parkway TS.

5513 – Custer Transfer Station

The Custer Road Transfer Station is located at 9901 Custer Road in Plano. Member City's collected residential, commercial and yard waste is delivered to this transfer station. Residential and commercial waste is loaded onto tractor-trailers and transported to the 121 RDF. The wood grind facility grinds yard waste to reduce the volume for transportation to the 121 RDF Compost Facility for processing. The site is permitted to accept up to 1,900 tons of waste per day. The Citizen Convenience Center consists of three drop-off pits that allow Member City residents to dispose of residential waste and used motor oil and filters.

5521 – Maxwell Creek Landfill

The Maxwell Creek Landfill is in the 30-year post-closure care period that began in July 2006.

5522 – McKinney Landfill

The McKinney Landfill is in the 30-year post-closure care period that began in June 2014.

5523 – 121 Regional Disposal Facility

The 121 Regional Disposal Facility (RDF) is located at 3820 Sam Rayburn Highway in Melissa. The landfill accepts approximately 3,800 tons of waste per day from the three NTMWD transfer stations, bio-solids from District WWTPs and Non-Member City waste from the surrounding area. Member City residents can dispose of residential waste and used motor oil and filters at this facility. Composting activities also occur at the 121 landfill. The 121 RDF is expected to meet the solid waste needs of the region for the next several decades..

5530 – Fleet Services

The Fleet Maintenance Shop is located adjacent to the 121 RDF, the Heavy Equipment Shop is located in the 121 RDF and the Wylie Service Center is located at the Wylie WTP. Staff at the Fleet Maintenance Shop perform repairs and preventive maintenance on all transfer station equipment as well as wastewater system sludge transport vehicles. Staff at the Heavy Equipment Shop repair and maintain the equipment used to operate the landfill, while staff at the Wylie Service Center perform preventative maintenance and minor repairs on all other District vehicles. Charges for services to the non-Solid Waste vehicles are credited to the Solid Waste System.

RSWS Fund Balances**Capital Improvement Fund****Projected Balance:**

07/31/23	Fund Balance	\$ 8,356,914
	Remaining Payments to be made on Authorized Projects	(926,441)
	Remaining Budgeted Transfers from Operating Fund	33,334
	Expected Projects	-
09/30/23	Expected Fund Balance	<u>7,463,807</u>
	Balance Transfers from Operating Fund	1,220,000
	Expected Projects	(8,266,000)
	Interest Income	161,420
09/30/24	Balance Available for Future Projects	<u><u>\$ 579,227</u></u>

Reserve for Maintenance Fund**Projected Balance:**

09/30/23	Expected Fund Balance	\$ 1,360,562
	Balance Transfers from Operating Fund	-
	Expected Projects	-
	Interest Income	29,425
09/30/24	Balance Available for Future Projects	<u><u>\$ 1,389,987</u></u>

Equipment Replacement Fund**Projected Balance:**

09/30/23	Expected Fund Balance	\$ 17,139,893
	Balance Transfers from Operating Fund	-
	Expected Projects	(1,193,000)
	Interest Income	370,684
09/30/24	Balance Available for Future Projects	<u><u>\$ 16,317,577</u></u>

Lookout Drive Transfer Station

Overview

The primary mission is to provide solid waste processing for the Member Cities of Allen, Frisco, McKinney, Plano and Richardson. Lookout is one of three transfer stations owned and operated by NTMWD. Solid waste is collected by the Member Cities from residents and businesses and delivered to the transfer station. The waste is then discharged onto the floor and loaded onto larger NTMWD tractor-trailers and transported to the 121 RDF located in Melissa, Texas. This transfer process saves money through route efficiency and reduces traffic and vehicle emissions by ensuring that smaller waste collection vehicles do not have to travel the additional distance to the landfill.

The facility is located, designed, operated and monitored in full compliance with the regulations set forth by the TCEQ and the EPA. Only non-hazardous municipal solid waste is permitted for disposal. A used motor oil and filter drop off area allows residents to recycle those products. Also, there is a large/bulky item area for large appliance recycling. The site is permitted to accept 700 tons per day, averaged over 365 days per year, with a daily maximum of 1,500 tons per day.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Provide superior processing and transportation of waste safely and reliably.
- Protect the environment and water quality.
- Maximize transfer trailer payload to minimize trips to the landfill.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Continuously improve the short and long-term replacement scheduling forecasts to identify underutilized equipment and determine future vehicle and equipment needs.
- Continue to improve operational practices to maximize efficiency and to reduce budget costs.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Continue communication with Member Cities, especially the City of Richardson.
- Actively manage and build relationships within internal departments as well as external vendors.

People: Build a talented, competent and committed team

- Continue to offer training and education options to the entire team in order to stay informed of technological advancements.

Major Budget Drivers

- Personnel, including overtime
- Fuel, Oil and Lubricants
- Vehicle Supplies
- Vehicle and Equipment Maintenance
- Vehicle Equipment

Position Summary

Lookout Transfer Station

Full-Time Positions	FY23	FY24	Difference
Administrative Technician	0.2	0.2	-
Assistant Deputy (Solid Waste)	0.2	0.2	-
Scale Operator	2.0	2.0	-
Transfer Station Equipment Operator	3.0	3.0	-
Transfer Station Manager	0.3	0.3	-
Transfer Station Supervisor	1.0	1.0	-
Transport Driver	9.0	9.0	-
Total Full-Time Positions	15.7	15.7	-

Expense Detail

Lookout Transfer Station	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 839,591	\$ 934,450	\$ 881,860	\$ 983,100	\$ 48,650	5.2%
511060 - Overtime	352,542	300,000	415,000	350,000	50,000	16.7%
512000 - Social Security	87,293	71,485	86,815	75,215	3,730	5.2%
513000 - Workers' Comp Ins	40,387	35,765	33,855	30,615	(5,150)	-14.4%
513010 - Unemployment Ins	5,593	-	-	-	-	0.0%
513020 - Hospitalization Ins	193,986	223,010	223,010	203,340	(19,670)	-8.8%
513040 - Dental Ins	8,648	10,590	6,875	7,455	(3,135)	-29.6%
513060 - Life Ins	2,030	2,335	2,020	2,140	(195)	-8.4%
513070 - LT Disability Ins	-	-	2,735	3,860	3,860	0.0%
514000 - Retirement	151,750	164,075	209,510	220,015	55,940	34.1%
514010 - Retiree - Insurance	48,730	53,635	67,135	68,280	14,645	27.3%
514020 - Comp Absences-vacation	-	26,790	26,790	45,930	19,140	71.4%
514030 - Comp Absences-sick	-	-	-	15,600	15,600	0.0%
515000 - Cell Phone Stipend	3,358	4,100	3,745	3,140	(960)	-23.4%
Personnel Total	\$ 1,733,909	\$ 1,826,235	\$ 1,959,350	\$ 2,008,690	\$ 182,455	10.0%

Supplies

520100 - Office Supplies	\$ 2,395	\$ 2,000	\$ 2,000	\$ 2,000	\$ -	0.0%
520110 - Computer Supplies	9,644	9,610	13,610	14,390	4,780	49.7%
520300 - Clothing Supplies	9,264	9,365	9,365	9,555	190	2.0%
520600 - Fuel, Oil and Lube	373,358	373,625	468,625	320,430	(53,195)	-14.2%
520630 - Toll Fees	22,010	20,400	20,400	26,700	6,300	30.9%
520800 - Small Tools & Equip	273	600	1,000	1,100	500	83.3%
520810 - Fire Extinguishers	3,632	3,000	3,000	3,000	-	0.0%
520900 - Janitorial Supplies	1,477	1,400	2,200	1,650	250	17.9%
521100 - Medical Supplies	105	200	200	200	-	0.0%
521110 - Safety Supplies	3,056	6,190	6,190	6,895	705	11.4%
521200 - Chem - Other	5,420	10,000	10,000	12,000	2,000	20.0%
521400 - Electrical Supplies	4,067	1,500	4,000	1,500	-	0.0%
521500 - Mechanical Supplies	10,043	12,000	16,000	12,000	-	0.0%
521700 - Building Supplies	12,282	5,000	5,000	5,000	-	0.0%

Expense Detail (continued)

Lookout Transfer Station	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
521900 - Vehicle Supplies	\$ 133,565	\$ 143,000	\$ 143,000	\$ 143,000	\$ -	0.0%
521910 - Tires and Tubes	101,266	121,900	121,900	114,750	(7,150)	-5.9%
523000 - Other Supplies	2,999	2,800	2,800	3,500	700	25.0%
Supplies Total	\$ 694,856	\$ 722,590	\$ 829,290	\$ 677,670	\$ (44,920)	-6.2%
Services						
530300 - Automotive Insurance	\$ 51,136	\$ 58,370	\$ 58,370	\$ 77,015	\$ 18,645	31.9%
530400 - Fire & Exten Cov Ins	18,427	25,580	17,635	23,755	(1,825)	-7.1%
530900 - General Liability Ins	1,131	1,045	1,045	630	(415)	-39.7%
531000 - Telephone	117	600	600	600	-	0.0%
531020 - Internet Service	3,226	2,520	5,720	3,720	1,200	47.6%
531100 - Electric Power	37,896	22,800	37,800	24,000	1,200	5.3%
531120 - Retail Water Service	7,887	12,000	14,500	15,000	3,000	25.0%
531300 - Engin/Consultant Svc	2,200	2,200	2,400	2,600	400	18.2%
531310 - Special Studies & Rpts	-	5,000	-	5,000	-	0.0%
531400 - Legal Service	-	1,000	1,000	1,000	-	0.0%
531520 - Employee Programs	-	-	-	800	800	0.0%
531800 - Rent or Lease Payment	362	2,500	4,000	2,500	-	0.0%
531900 - Travel and Training	7,823	5,635	5,635	7,405	1,770	31.4%
532000 - Mem & Subscriptions	876	1,250	1,250	1,250	-	0.0%
532100 - Vehicle Maint	31,709	52,000	42,000	52,000	-	0.0%
532200 - Equipment Maintenance	25,099	42,000	42,000	42,000	-	0.0%
532300 - Postage	11	60	60	60	-	0.0%
532400 - Office Equip Maint	4,380	8,000	8,000	8,000	-	0.0%
532800 - Grounds Maintenance	4,909	13,520	13,520	13,520	-	0.0%
532850 - Building Maintenance	3,583	5,000	13,000	5,000	-	0.0%
533000 - Other Services	21,594	17,000	21,000	23,000	6,000	35.3%
533020 - Contract Labor	94,696	120,120	120,120	120,120	-	0.0%
533100 - Administration	5,930	11,855	11,855	-	(11,855)	-100.0%
533900 - Permits, Ins, & Lic Fees	1,133	2,150	2,150	2,150	-	0.0%
534000 - Uninsured losses	(3,316)	-	-	-	-	0.0%
Shared Services	302,829	317,225	304,895	456,365	139,140	43.9%
Services Total	\$ 623,637	\$ 729,430	\$ 728,555	\$ 887,490	\$ 158,060	21.7%
Capital Outlay						
540300 - Vehicle Equipment	\$ 779,000	\$ 1,614,535	\$ 1,772,105	\$ 252,000	\$ (1,362,535)	-84.4%
542000 - Other Capital Outlay	-	-	-	60,000	60,000	0.0%
Capital Outlay Total	\$ 779,000	\$ 1,614,535	\$ 1,772,105	\$ 312,000	\$ (1,302,535)	-80.7%
Grand Total	\$ 3,831,402	\$ 4,892,790	\$ 5,289,300	\$ 3,885,850	\$ (1,006,940)	-20.6%

Major FY24 Budget Items

The department's FY24 Proposed Budget has decreased by \$1,006,940 from the FY23 Original Budget. Major variances are explained below:

- Vehicle Equipment decreased due to fewer vehicles needing to be purchased or replaced in FY24
- Other Capital Outlay increased as a result of the purchase and installation of a generator
- Shared Services increased for FY24 due to reallocation of services

Parkway Transfer Station

Overview

The primary mission is to provide solid waste processing for the Member Cities of Allen, Frisco, McKinney, Plano and Richardson. Parkway is one of three transfer stations owned and operated by NTMWD. Solid waste is collected by the Member Cities from residents and businesses and delivered to the transfer station. The waste is then discharged onto the floor and loaded onto larger NTMWD tractor-trailers and transported to the 121 RDF located in Melissa, Texas. This transfer process saves money through route efficiency and reduces traffic and vehicle emissions by ensuring that smaller waste collection vehicles do not have to travel the additional distance to the landfill.

The facility is located, designed, operated and monitored in full compliance with the regulations set forth by the TCEQ and the EPA. Only non-hazardous municipal solid waste is permitted for disposal. A used motor oil and filter drop off area allows residents to recycle those products. Also, there is a large/bulky item area for large appliances and metal recycling. The site is permitted to accept 1,500 tons per day, averaged over 365 days per year.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Provide superior processing and transportation of waste safely and reliably.
- Protect the environment and water quality.
- Maximize transfer trailer payload to minimize trips to the landfill.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Continuously improve the short and long-term replacement scheduling forecasts to identify underutilized equipment and determine future vehicle and equipment needs.
- Continue to improve operational practices to maximize efficiency and to reduce budget costs.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Continue communication with Member Cities, especially the City of Plano.
- Actively manage and build relationships within internal departments as well as external vendors.

People: Build a talented, competent and committed team

- Continue to offer training and education options to the entire team in order to stay informed of technological advancements.

Major Budget Drivers

- Personnel, including overtime
- Fuel, Oil and Lubricants
- Vehicle Supplies
- Equipment and Vehicle Maintenance
- Vehicle Equipment

Position Summary

Parkway Transfer Station

Full-Time Positions	FY23	FY24	Difference
Administrative Technician	0.2	0.2	-
Assistant Deputy (Solid Waste)	0.2	0.2	-
Scale Operator	2.0	2.0	-
Transfer Station Equipment Operator	3.0	3.0	-
Transfer Station Manager	0.3	0.3	-
Transfer Station Supervisor	1.0	1.0	-
Transport Driver	10.0	10.0	-
Total Full-Time Positions	16.7	16.7	-

Expense Detail

Parkway Transfer Station	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 854,558	\$ 979,670	\$ 936,175	\$ 1,010,355	\$ 30,685	3.1%
511060 - Overtime	325,662	250,000	365,000	275,000	25,000	10.0%
512000 - Social Security	86,021	74,940	85,110	77,295	2,355	3.1%
513000 - Workers' Comp Ins	40,716	38,805	35,890	31,595	(7,210)	-18.6%
513020 - Hospitalization Ins	187,368	226,340	226,340	247,725	21,385	9.4%
513040 - Dental Ins	8,047	9,655	9,030	10,105	450	4.7%
513060 - Life Ins	2,102	2,460	2,250	2,205	(255)	-10.4%
513070 - LT Disability Ins	-	-	2,990	3,965	3,965	0.0%
514000 - Retirement	165,435	170,705	217,980	242,910	72,205	42.3%
514010 - Retiree - Insurance	53,120	55,805	69,850	75,390	19,585	35.1%
514020 - Comp Absences-vacation	21,520	21,895	21,895	9,100	(12,795)	-58.4%
514030 - Comp Absences-sick	8,680	-	-	-	-	0.0%
515000 - Cell Phone Stipend	4,593	5,535	4,975	5,055	(480)	-8.7%
Personnel Total	\$ 1,757,822	\$ 1,835,810	\$ 1,977,485	\$ 1,990,700	\$ 154,890	8.4%

Supplies

520100 - Office Supplies	\$ 1,741	\$ 1,500	\$ 1,500	\$ 2,180	\$ 680	45.3%
520110 - Computer Supplies	6,978	9,010	13,010	10,810	1,800	20.0%
520300 - Clothing Supplies	9,870	10,160	10,160	10,920	760	7.5%
520600 - Fuel, Oil and Lube	292,224	352,920	352,920	277,880	(75,040)	-21.3%
520630 - Toll Fees	20,667	30,000	30,000	30,000	-	0.0%
520800 - Small Tools & Equip	498	500	500	500	-	0.0%
520810 - Fire Extinguishers	2,175	1,880	1,880	1,880	-	0.0%
520900 - Janitorial Supplies	1,019	1,200	2,200	2,000	800	66.7%
521100 - Medical Supplies	105	200	200	200	-	0.0%
521110 - Safety Supplies	2,765	3,955	3,955	4,315	360	9.1%
521200 - Chem - Other	12,000	12,000	12,000	-	(12,000)	-100.0%
521400 - Electrical Supplies	2,026	1,000	1,000	1,000	-	0.0%
521500 - Mechanical Supplies	7,722	14,000	14,000	7,000	(7,000)	-50.0%
521700 - Building Supplies	6,085	3,000	3,000	3,000	-	0.0%
521900 - Vehicle Supplies	103,130	110,000	130,000	110,000	-	0.0%
521910 - Tires and Tubes	117,761	130,000	130,000	127,500	(2,500)	-1.9%

Expense Detail (continued)

Parkway Transfer Station	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
522000 - Equipment Supplies	\$ 18	\$ -	\$ -	\$ -	\$ -	0.0%
522200 - Road Maintenance Supplies	240	2,000	1,000	500	(1,500)	-75.0%
523000 - Other Supplies	1,811	1,200	2,600	1,500	300	25.0%
Supplies Total	\$ 588,837	\$ 684,525	\$ 709,925	\$ 591,185	\$ (93,340)	-13.6%
Services						
530300 - Automotive Insurance	\$ 57,636	\$ 67,555	\$ 67,555	\$ 62,380	\$ (5,175)	-7.7%
530400 - Fire & Exten Cov Ins	851	1,180	760	2,805	1,625	137.7%
530900 - General Liability Ins	1,127	1,080	1,080	830	(250)	-23.1%
531000 - Telephone	170	200	200	200	-	0.0%
531020 - Internet Service	2,775	3,480	4,980	4,320	840	24.1%
531100 - Electric Power	14,143	21,000	21,000	21,000	-	0.0%
531120 - Retail Water Service	6,324	9,000	15,000	9,000	-	0.0%
531300 - Engin/Consultant Svc	3,000	1,600	1,800	5,000	3,400	212.5%
531310 - Special Studies & Rpts	-	5,000	-	5,000	-	0.0%
531400 - Legal Service	23,692	50,000	35,000	15,000	(35,000)	-70.0%
531520 - Employee Programs	-	-	-	800	800	0.0%
531700 - Advertising	-	-	12,000	-	-	0.0%
531800 - Rent or Lease Payment	13,213	1,500	31,500	6,000	4,500	300.0%
531900 - Travel and Training	3,551	4,345	4,345	4,345	-	0.0%
532100 - Vehicle Maint	27,841	75,000	60,000	70,000	(5,000)	-6.7%
532200 - Equipment Maintenance	34,031	30,000	25,000	22,000	(8,000)	-26.7%
532300 - Postage	37	200	300	200	-	0.0%
532400 - Office Equip Maint	1,804	5,000	5,000	5,000	-	0.0%
532800 - Grounds Maintenance	3,996	6,795	6,795	6,795	-	0.0%
532850 - Building Maintenance	10,066	2,000	8,000	2,000	-	0.0%
533000 - Other Services	14,997	10,200	15,200	10,200	-	0.0%
533020 - Contract Labor	76,795	102,960	92,960	102,960	-	0.0%
533100 - Administration	6,645	13,290	13,290	-	(13,290)	-100.0%
533900 - Permits, Ins, & Lic Fees	758	840	840	840	-	0.0%
534000 - Uninsured losses	28,231	-	-	-	-	0.0%
Shared Services	288,251	366,800	351,415	541,895	175,095	47.7%
Services Total	\$ 619,933	\$ 779,025	\$ 774,020	\$ 898,570	\$ 119,545	15.3%
Capital Outlay						
540300 - Vehicle Equipment	\$ 467,380	\$ -	\$ 141,245	\$ 344,000	\$ 344,000	0.0%
Capital Outlay Total	\$ 467,380	\$ -	\$ 141,245	\$ 344,000	\$ 344,000	0.0%
Grand Total	\$ 3,433,971	\$ 3,299,360	\$ 3,602,675	\$ 3,824,455	\$ 525,095	15.9%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$525,095 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased as a result of higher Wages, Retirement and Insurance costs
- Overtime increased as a result of driver shortage
- Chemicals decreased due to construction
- Shared Services increased based on higher budgets and allocation factors
- Legal Services decreased due to a reduction in need
- Vehicle Equipment increased due to replacement of two truck tractors

Custer Road Transfer Station

Overview

The primary mission is to provide solid waste processing for the Member Cities of Allen, Frisco, McKinney, Plano and Richardson. Custer is one of three transfer stations owned and operated by NTMWD. Solid waste is collected by the Member Cities from residents and businesses and delivered to the transfer station. The waste is then discharged onto the floor and loaded onto larger NTMWD tractor-trailers and transported to the 121 RDF located in Melissa, Texas. This transfer process saves money through route efficiency and reduces traffic and vehicle emissions by ensuring that smaller waste collection vehicles do not have to travel the additional distance to the landfill.

The facility is located, designed, operated and monitored in full compliance with the regulations set forth by the TCEQ and the EPA. Only non-hazardous municipal solid waste is permitted for disposal. A used motor oil and filter drop off area allows residents to recycle those products. Yard waste is directed to the brush grinding operation located on-site and operated by the City of Plano. Yard waste is ground to reduce the volume and transported to the 121 RDF compost site for processing as compost. The site is permitted to accept 1,900 tons per day.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Provide superior processing and transportation of waste safely and reliably.
- Protect the environment and water quality.
- Maximize transfer trailer payload to minimize trips to the landfill.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Continuously improve the short and long-term replacement scheduling forecasts to identify underutilized equipment and determine future vehicle and equipment needs.
- Continue to improve operational practices to maximize efficiency and to reduce budget costs.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Continue communication with Member Cities, especially the City of Plano.
- Actively manage and build relationships within internal departments as well as external vendors.

People: Build a talented, competent and committed team

- Continue to offer training and education options to the entire team in order to stay informed of technological advancements.

Major Budget Drivers

- Personnel, including overtime
- Fuel, Oil and Lubricants
- Vehicle Equipment
- Vehicle Supplies
- Equipment and Vehicle Maintenance
- Concrete Repair

Position Summary

Custer Transfer Station		FY23	FY24	Difference
Full-Time Positions				
Administrative Technician		0.2	0.2	-
Assistant Deputy (Solid Waste)		0.2	0.2	-
Scale Operator		3.0	3.0	-
Transfer Station Equipment Operator		4.0	4.0	-
Transfer Station Manager		0.3	0.3	-
Transfer Station Supervisor		1.0	1.0	-
Transport Driver		16.0	16.0	-
Total Full-Time Positions		24.7	24.7	-

Expense Detail

Custer Transfer Station	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Expense Category						
Personnel						
510000 - Wages	\$ 1,233,641	\$ 1,468,985	\$ 1,413,000	\$ 1,460,420	\$ (8,565)	-0.6%
511060 - Overtime	531,149	470,000	770,000	495,000	25,000	5.3%
512000 - Social Security	128,050	112,365	135,395	111,730	(635)	-0.6%
513000 - Workers' Comp Ins	62,501	60,170	58,815	47,270	(12,900)	-21.4%
513020 - Hospitalization Ins	323,548	384,830	384,830	429,925	45,095	11.7%
513040 - Dental Ins	15,150	17,830	18,090	18,605	775	4.3%
513060 - Life Ins	3,055	3,675	3,260	3,195	(480)	-13.1%
513070 - LT Disability Ins	-	-	4,280	5,730	5,730	0.0%
514000 - Retirement	234,585	251,375	320,995	326,730	75,355	30.0%
514010 - Retiree - Insurance	75,330	82,175	102,860	101,400	19,225	23.4%
514020 - Comp Absences-vacation	10,350	9,315	9,315	-	(9,315)	-100.0%
514030 - Comp Absences-sick	12,150	-	-	13,440	13,440	0.0%
515000 - Cell Phone Stipend	6,593	8,415	6,295	7,935	(480)	-5.7%
Personnel Total	\$ 2,636,104	\$ 2,869,135	\$ 3,227,135	\$ 3,021,380	\$ 152,245	5.3%

Supplies

520100 - Office Supplies	\$ 4,919	\$ 1,600	\$ 4,100	\$ 5,000	\$ 3,400	212.5%
520110 - Computer Supplies	16,895	9,950	11,450	12,050	2,100	21.1%
520300 - Clothing Supplies	14,207	15,725	15,725	17,075	1,350	8.6%
520600 - Fuel, Oil and Lube	541,445	657,375	657,375	502,215	(155,160)	-23.6%
520630 - Toll Fees	105,142	110,000	95,000	110,000	-	0.0%
520800 - Small Tools & Equip	1,259	750	750	750	-	0.0%
520810 - Fire Extinguishers	5,225	3,180	5,380	5,180	2,000	62.9%
520900 - Janitorial Supplies	908	1,500	2,200	2,000	500	33.3%
521100 - Medical Supplies	105	250	250	250	-	0.0%
521110 - Safety Supplies	6,011	6,775	6,775	7,290	515	7.6%
521200 - Chem - Other	12,000	10,000	11,500	12,000	2,000	20.0%
521400 - Electrical Supplies	2,369	3,500	3,500	3,500	-	0.0%
521500 - Mechanical Supplies	11,657	37,000	37,000	37,000	-	0.0%
521700 - Building Supplies	6,162	4,800	4,800	4,800	-	0.0%
521900 - Vehicle Supplies	150,510	155,000	155,000	155,000	-	0.0%
521910 - Tires and Tubes	100,516	110,000	110,000	204,000	94,000	85.5%

Expense Detail (continued)

Custer Transfer Station	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
522200 - Road Maintenance Supplies	\$ -	\$ 3,000	\$ 1,500	\$ 3,000	\$ -	0.0%
523000 - Other Supplies	3,933	1,500	1,500	1,500	-	0.0%
Supplies Total	\$ 983,262	\$ 1,131,905	\$ 1,123,805	\$ 1,082,610	\$ (49,295)	-4.4%
Services						
530300 - Automotive Insurance	\$ 112,741	\$ 121,190	\$ 121,190	\$ 118,165	\$ (3,025)	-2.5%
530400 - Fire & Exten Cov Ins	7,910	10,980	7,030	8,055	(2,925)	-26.6%
530900 - General Liability Ins	1,665	1,630	1,630	1,015	(615)	-37.7%
531000 - Telephone	4,188	4,440	7,640	8,100	3,660	82.4%
531020 - Internet Service	1,379	1,860	3,860	3,060	1,200	64.5%
531100 - Electric Power	37,385	30,000	36,000	30,000	-	0.0%
531120 - Retail Water Service	12,774	13,000	28,000	13,000	-	0.0%
531300 - Engin/Consultant Svc	2,383	8,700	8,700	12,500	3,800	43.7%
531310 - Special Studies & Rpts	-	5,000	-	5,000	-	0.0%
531400 - Legal Service	423	500	500	500	-	0.0%
531700 - Advertising	207	-	-	-	-	0.0%
531800 - Rent or Lease Payment	5,624	1,500	4,500	1,500	-	0.0%
531900 - Travel and Training	3,955	5,730	5,730	5,730	-	0.0%
532000 - Mem & Subscriptions	245	-	-	-	-	0.0%
532100 - Vehicle Maint	17,349	100,000	80,000	95,000	(5,000)	-5.0%
532200 - Equipment Maintenance	34,797	40,000	40,000	40,000	-	0.0%
532300 - Postage	-	50	50	50	-	0.0%
532400 - Office Equip Maint	7,745	7,500	7,500	7,500	-	0.0%
532800 - Grounds Maintenance	8,031	23,040	23,040	23,040	-	0.0%
532850 - Building Maintenance	4,868	8,000	28,000	8,000	-	0.0%
533000 - Other Services	165,593	23,100	23,100	103,100	80,000	346.3%
533020 - Contract Labor	150,042	171,600	187,600	188,760	17,160	10.0%
533100 - Administration	11,070	22,140	22,140	-	(22,140)	-100.0%
533900 - Permits, Ins, & Lic Fees	758	1,775	1,775	1,775	-	0.0%
534000 - Uninsured losses	1,299	-	-	-	-	0.0%
Shared Services	419,967	535,960	505,780	719,695	183,735	34.3%
Services Total	\$ 1,012,397	\$ 1,137,695	\$ 1,143,765	\$ 1,393,545	\$ 255,850	22.5%
Capital Outlay						
540300 - Vehicle Equipment	\$ 258,390	\$ 444,000	\$ 856,480	\$ 147,000	\$ (297,000)	-66.9%
540700 - Non-Vehicle Equipment	-	-	-	60,000	60,000	0.0%
542000 - Other Capital Outlay	315,436	185,000	185,000	-	(185,000)	-100.0%
Capital Outlay Total	\$ 573,826	\$ 629,000	\$ 1,041,480	\$ 207,000	\$ (422,000)	-67.1%
Grand Total	\$ 5,205,588	\$ 5,767,735	\$ 6,536,185	\$ 5,704,535	\$ (63,200)	-1.1%

Major FY24 Budget Items

The department's FY24 Proposed Budget has decreased by \$63,200 from the FY23 Original Budget. Major variances are explained below:

- Fuel, Oil and Lube decreased as a result of being able to dispatch drivers from multiple locations cutting down on costs
- Tires and Tubes increased due to a 40% increase in tire costs
- Other Services increased for repairing/replacing metal in top load chutes
- Shared Services allocation increased for FY24
- Other Capital Outlay decreased due to reduction in need
- Vehicle Equipment decreased as a result of fewer purchases and replacements needed

Maxwell Creek Landfill

Overview

The Maxwell Creek Landfill is a permanently closed facility and therefore no longer accepts waste. The facility began the TCEQ required minimum 30-year post-closure care period on July 5, 2006. During this time, NTMWD is responsible for maintaining the facility including performing twice-yearly groundwater monitoring, quarterly landfill gas probe monitoring, leachate disposal, site security, vegetation management and addressing erosion and lack of vegetation issues among other general upkeep activities.

FY2024 Department Objectives (Supporting Strategic Goals)

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Protect the environment and water quality through proactive post-closure care oversight.

Major Budget Drivers

- Groundwater Monitoring
- Grounds Maintenance - Contract

Expense Detail

Maxwell Creek Landfill	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
531300 - Engin/Consultant Svc	\$ 35,260	\$ 36,245	\$ 39,245	\$ 42,780	\$ 6,535	18.0%
531400 - Legal Service	5,482	2,000	6,000	2,000	-	0.0%
532200 - Equipment Maintenance	-	750	750	750	-	0.0%
532300 - Postage	33	100	100	100	-	0.0%
532800 - Grounds Maintenance	15,793	16,120	23,320	23,320	7,200	44.7%
533000 - Other Services	-	-	980	-	-	0.0%
533100 - Administration	110	220	220	-	(220)	-100.0%
Shared Services	10,319	13,665	13,345	15,455	1,790	13.1%
Services Total	\$ 66,997	\$ 69,100	\$ 83,960	\$ 84,405	\$ 15,305	22.1%
Grand Total	\$ 66,997	\$ 69,100	\$ 83,960	\$ 84,405	\$ 15,305	22.1%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$15,305 from the FY23 Original Budget due to an increase in Maintenance and Monitoring costs.

McKinney Landfill

Overview

The McKinney Landfill is a permanently closed facility ceasing waste acceptance on December 31, 2008. The facility began the TCEQ required minimum 30-year post-closure care period on June 18, 2014. During this time, NTMWD is responsible for maintaining the facility including performing twice yearly groundwater monitoring, quarterly landfill gas probe monitoring, leachate disposal, operating and maintaining the landfill gas collection system, site security, vegetation management and addressing erosion and lack of vegetation issues among other general upkeep activities. The landfill permit is held by NTMWD and the property is owned by the City of McKinney. NTMWD is granted access to the property through a Landfill Easement with the City of McKinney.

FY2024 Department Objectives (Supporting Strategic Goals)

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Protect the environment and water quality through proactive post-closure care oversight.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Continue communication with the City of McKinney regarding any post-closure care issues.

Major Budget Drivers

- Groundwater monitoring and landfill gas collection and control system operation and maintenance
- Engineering for Spur 399 Extension and Permit Modification

Expense Detail

McKinney Landfill	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies						
520100 - Office Supplies	\$ 540	\$ -	\$ -	\$ -	-	0.0%
520110 - Computer Supplies	-	540	540	540	-	0.0%
523000 - Other Supplies	-	-	18,000	-	-	0.0%
Supplies Total	\$ 540	\$ 540	\$ 18,540	\$ 540	-	0.0%
Services						
531020 - Internet Service	\$ 457	\$ 660	\$ 660	\$ 660	-	0.0%
531100 - Electric Power	10,257	15,000	20,250	16,200	1,200	8.0%
531300 - Engin/Consultant Svc	88,705	131,680	83,680	135,515	3,835	2.9%
531400 - Legal Service	9,323	3,000	5,000	3,000	-	0.0%
532300 - Postage	-	30	30	30	-	0.0%
532800 - Grounds Maintenance	10,489	9,850	9,850	9,850	-	0.0%
533000 - Other Services	13,207	30,000	30,000	30,000	-	0.0%
Shared Services	6,965	8,805	8,215	11,455	2,650	30.1%
Services Total	\$ 139,403	\$ 199,025	\$ 157,685	\$ 206,710	\$ 7,685	3.9%
Grand Total	\$ 139,943	\$ 199,565	\$ 176,225	\$ 207,250	\$ 7,685	3.9%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$7,685 from the FY23 Original Budget as a result of increases in Shared Services and Engineering/Consultant Service for groundwater monitoring.

121 Regional Disposal Facility

Overview

The primary mission is to provide solid waste disposal for the Member Cities of Allen, Frisco, McKinney, Plano and Richardson. In addition, the 121 RDF provides solid waste disposal services for Collin County, non-Member Cities from the surrounding area and wastewater treatment plant biosolids from the majority of the NTMWD's WWTPs. The site accepts approximately one million tons of waste per year.

The landfill is designed to process and dispose of municipal solid waste safely and reliably while protecting the environment and water quality. The facility is located, designed, operated and monitored in full compliance with the regulations set forth by the TCEQ and the EPA. Only non-hazardous municipal solid waste is permitted for disposal. A used motor oil and filter drop off area allows residents to recycle those products. Also, there is a large/bulky item area for large appliances and metal recycling. A citizen's convenience center located on site provides a paved disposal area that safely allows for smaller residential vehicles to unload their material instead of disposing at the landfill's active working face.

There are multiple operations located on site. Composting, which diverts yard waste from the landfill, is performed on site by the City of Plano as a contractor to NTMWD. Also located on site is a high BTU gas plant through a contract with Melissa Renewables, LLC, a wholly owned subsidiary of Morrow Renewables. Morrow maintains the wellfield that captures gas generated by the decomposition of waste. The plant, built and operated by Morrow, cleans the captured landfill gas, removes the carbon dioxide and other impurities present and converts it to pipeline quality renewable natural gas where it is sold as a renewable fuel. NTMWD receives payment for the gas captured and a royalty on the revenue from the sale of the gas and various environmental credits, which goes toward offsetting landfill operation costs. A Heavy Equipment Shop is located on site to perform repairs and maintenance on the heavy equipment used to operate the landfill. Additionally, the Fleet Maintenance Shop is located adjacent to the 121 RDF, which performs repairs and preventive maintenance on all transfer station and wastewater system biosolid transport vehicles and equipment.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Provide superior processing and disposal of waste safely and reliably.
- Protect the environment and water quality.
- Maximize landfill compaction density to extend the life of the landfill.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Continuously improve the short and long-term replacement scheduling forecasts to identify underutilized equipment and determine future vehicle and equipment needs.
- Continue to improve operational practices to maximize efficiency and to reduce budget costs.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Continue communication with Member Cities, City of Melissa and Collin County.
- Actively manage and build relationships within internal departments as well as external contractors.

People: Build a talented, competent and committed team

- Continue to offer training and education options to the entire team in order to stay well informed of technological advancements.

Major Budget Drivers

- Overtime
- Fuel, Oil and Lubricants
- Vehicle Supplies
- Equipment Maintenance
- Vehicle Equipment
- Alternate Daily Cover
- Perimeter Odor Control System

Position Summary

121 Regional Disposal Facility

Full-Time Positions	FY23	FY24	Difference
Administrative Technician	0.2	0.2	-
Assistant Deputy (Solid Waste)	0.2	0.2	-
Heavy Equipment Operator	19.0	19.0	-
Landfill Manager	1.0	1.0	-
Landfill Scalehouse Coordinator	1.0	1.0	-
Landfill Spotter	1.0	1.0	-
Landfill Supervisor	2.0	2.0	-
Operations Assistant	1.0	1.0	-
Scale Operator	4.0	4.0	-
Tipper Operator	1.0	1.0	-
Total Full-Time Positions	30.4	30.4	-

Expense Detail

121 Regional Disposal Facility	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 1,547,439	\$ 1,867,580	\$ 1,794,730	\$ 1,921,065	\$ 53,485	2.9%
511060 - Overtime	481,153	370,000	530,000	500,000	130,000	35.1%
512000 - Social Security	147,800	142,860	158,050	146,970	4,110	2.9%
513000 - Workers' Comp Ins	64,043	63,720	59,140	64,125	405	0.6%
513010 - Unemployment Ins	4,699	-	-	-	-	0.0%
513020 - Hospitalization Ins	376,721	462,245	462,245	472,715	10,470	2.3%
513040 - Dental Ins	17,770	21,555	18,925	19,890	(1,665)	-7.7%
513060 - Life Ins	3,802	4,640	4,130	4,185	(455)	-9.8%
513070 - LT Disability Ins	-	-	5,560	7,515	7,515	0.0%
514000 - Retirement	311,750	322,050	411,240	430,480	108,430	33.7%
514010 - Retiree - Insurance	100,105	105,275	131,775	133,600	28,325	26.9%
514020 - Comp Absences-vacation	2,260	30,040	30,040	20,040	(10,000)	-33.3%
514030 - Comp Absences-sick	-	33,390	33,390	39,985	6,595	19.8%
515000 - Cell Phone Stipend	1,408	2,495	2,780	2,495	-	0.0%
Personnel Total	\$ 3,058,951	\$ 3,425,850	\$ 3,642,005	\$ 3,763,065	\$ 337,215	9.8%

Expense Detail (continued)

121 Regional Disposal Facility	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies						
520100 - Office Supplies	\$ 8,318	\$ 9,225	\$ 9,225	\$ 9,225	\$ -	0.0%
520110 - Computer Supplies	22,261	28,560	28,560	21,390	(7,170)	-25.1%
520300 - Clothing Supplies	17,645	16,920	16,920	18,810	1,890	11.2%
520600 - Fuel, Oil and Lube	1,131,723	1,391,680	1,361,680	1,123,280	(268,400)	-19.3%
520630 - Toll Fees	301	100	250	150	50	50.0%
520800 - Small Tools & Equip	5,545	7,000	7,000	7,000	-	0.0%
520810 - Fire Extinguishers	32,994	16,450	25,450	24,950	8,500	51.7%
520900 - Janitorial Supplies	5,803	2,000	3,500	3,000	1,000	50.0%
521100 - Medical Supplies	2,309	1,000	2,300	2,100	1,100	110.0%
521110 - Safety Supplies	16,981	16,325	16,325	17,990	1,665	10.2%
521200 - Chem - Other	17,050	69,600	69,600	121,600	52,000	74.7%
521400 - Electrical Supplies	2,782	2,000	2,000	3,000	1,000	50.0%
521500 - Mechanical Supplies	29,271	10,000	10,000	10,000	-	0.0%
521700 - Building Supplies	9,600	1,000	1,000	2,000	1,000	100.0%
521900 - Vehicle Supplies	751,133	750,000	680,000	750,000	-	0.0%
521910 - Tires and Tubes	123,226	119,200	119,200	119,200	-	0.0%
522000 - Equipment Supplies	3,120	1,500	1,500	1,500	-	0.0%
522100 - Welding Supplies	568	-	-	-	-	0.0%
522200 - Road Maint Supplies	104,491	240,000	185,385	240,000	-	0.0%
523000 - Other Supplies	331,913	446,750	471,750	499,500	52,750	11.8%
Supplies Total	\$ 2,617,033	\$ 3,129,310	\$ 3,011,645	\$ 2,974,695	\$ (154,615)	-4.9%
Services						
530300 - Automotive Insurance	\$ 79,730	\$ 98,965	\$ 98,965	\$ 117,240	\$ 18,275	18.5%
530400 - Fire & Exten Cov Ins	1,697	2,355	1,515	8,500	6,145	260.9%
530900 - General Liability Ins	1,474	3,175	3,175	2,380	(795)	-25.0%
531000 - Telephone	12,979	11,640	11,640	11,640	-	0.0%
531020 - Internet Service	56,978	67,320	65,320	73,320	6,000	8.9%
531100 - Electric Power	4,489	14,400	14,400	14,400	-	0.0%
531120 - Retail Water Service	249,532	226,860	226,860	222,000	(4,860)	-2.1%
531200 - Bank Service Fees	44	100	100	100	-	0.0%
531210 - Bank Card Service Fees	83,834	75,600	100,600	102,000	26,400	34.9%
531300 - Engin/Consultant Svc	376,097	529,125	505,125	401,405	(127,720)	-24.1%
531310 - Special Studies & Rpts	-	25,000	-	25,000	-	0.0%
531400 - Legal Service	33,862	22,000	22,000	30,000	8,000	36.4%
531520 - Employee Programs	-	-	-	1,500	1,500	0.0%
531700 - Advertising	982	500	500	500	-	0.0%
531800 - Rent or Lease Payment	18,255	6,500	9,000	6,500	-	0.0%
531900 - Travel and Training	13,156	18,450	18,450	20,800	2,350	12.7%
532100 - Vehicle Maint	9,663	4,000	4,000	4,000	-	0.0%
532200 - Equipment Maintenance	626,317	800,000	543,790	800,000	-	0.0%
532250 - Cap Cont-City of Melissa	320,000	298,670	298,670	277,335	(21,335)	-7.1%
532300 - Postage	510	350	550	550	200	57.1%
532400 - Office Equip Maint	17,183	12,000	22,000	16,980	4,980	41.5%
532800 - Grounds Maintenance	88,548	52,100	52,100	52,100	-	0.0%

Expense Detail (continued)

121 Regional Disposal Facility	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services (continued)						
532850 - Building Maintenance	\$ -	\$ 2,000	\$ 4,400	\$ 6,020	\$ 4,020	201.0%
533000 - Other Services	281,189	225,160	339,775	293,860	68,700	30.5%
533020 - Contract Labor	200,396	205,920	205,920	205,920	-	0.0%
533100 - Administration	24,665	49,325	49,325	-	(49,325)	-100.0%
533900 - Permits, Ins, & Lic Fees	950,374	941,475	941,475	950,875	9,400	1.0%
533920 - Regulatory Fees & Asses	7,761	9,850	9,850	9,350	(500)	-5.1%
534000 - Uninsured losses	671	-	3,215	-	-	0.0%
534300 - Composting Services	582,774	785,745	785,745	813,390	27,645	3.5%
Shared Services	1,179,437	1,323,475	1,315,820	1,711,775	388,300	29.3%
Services Total	\$ 5,222,595	\$ 5,812,060	\$ 5,654,285	\$ 6,179,440	\$ 367,380	6.3%
Capital Outlay						
540300 - Vehicle Equipment	\$ 3,017,264	\$ 2,208,165	\$ 2,733,175	\$ 3,705,000	\$ 1,496,835	67.8%
540700 - Non-Vehicle Equipment	675,283	175,000	306,410	835,000	660,000	377.1%
541500 - Landfill Devel Cost	-	1,100,000	1,284,010	-	(1,100,000)	-100.0%
542000 - Other Capital Outlay	-	236,000	36,000	-	(236,000)	-100.0%
Capital Outlay Total	\$ 3,692,547	\$ 3,719,165	\$ 4,359,595	\$ 4,540,000	\$ 820,835	22.1%
Grand Total	\$ 14,591,126	\$ 16,086,385	\$ 16,667,530	\$ 17,457,200	\$ 1,370,815	8.5%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$1,370,815 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Retirement and Insurance costs
- Non-Vehicle Equipment increased due to replacement of power washer and fuel terminal along with installing perimeter odor machines
- Overtime increased due to need and demand
- Fuel, Oil and Lube decreased as a result of lower fuel prices than the current contract
- Vehicle Equipment increased as a result of replacing a CAT 740 AD, one 4x4 truck, a compactor and a bulldozer
- Engineering/Consultant Service and Landfill Development Costs decreased due to no new cell construction or designs in FY24
- Shared Services increased for FY24 based on increased Shared Service costs and higher allocations

Fleet Services

Overview

The mission of Fleet Services is to provide the employees of the District with safe, dependable vehicles, equipment and service facilities. The department's goal is to work in partnership with customers and employees to provide high quality products and services in a cost-effective manner.

This department includes the Fleet Maintenance Shop, Heavy Equipment Shop and Wylie Service Center. The Fleet Maintenance Shop is located adjacent to the 121 RDF. The Heavy Equipment Shop is located at the 121 RDF site. The Wylie Service Center is located at the Wylie WTP. Staff at the Fleet Maintenance Shop perform repairs and preventive maintenance on all transfer station and wastewater system sludge transport vehicles and equipment. The Heavy Equipment Shop performs repairs and maintenance on the heavy equipment used to operate the landfill and transfer stations. The Wylie Service Center staff performs preventive maintenance and minor repairs on all other District vehicles. Charges for services to non-Solid Waste vehicles and equipment are credited back to the Solid Waste System.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Provide superior maintenance and repair of District vehicles and equipment.
- Administer asset management, budgeting and reporting, including vehicle and equipment replacement, scheduling and forecasting.
- Manage fuel, fuel system, consumables tracking and reporting.
- Maximize the efficiency of the Motor Pool Program to optimize vehicle utilization, fuel economy and fleet growth.
- Develop specifications for procurement of vehicles and equipment with interdepartmental involvement to provide the most effective equipment for their operations.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Continuously improve the short and long-term replacement scheduling forecasts to identify underutilized equipment and determine future vehicle and equipment needs for each department.
- Continue to provide the highest quality fleet services in an efficient, safe, timely and cost-effective manner.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Actively manage and build relationships within internal departments as well as external vendors.

People: Build a talented, competent and committed team

- Continue to offer training and education options to the entire fleet team in order to stay as well informed of technological advancements and modern repair practices.

Major Budget Drivers

- Personnel
- Fleet Maintenance Shop Expansion
- Vehicle and Equipment Replacement
- Fleet Management Information System and Fuel System annual upgrades and support

Position Summary

Fleet Services

Full-Time Positions	FY23	FY24	Difference
Administrative Technician	0.2	0.2	-
Assistant Deputy (Solid Waste)	0.2	0.2	-
Automotive Technician I	2.0	2.0	-
Automotive Technician II	1.0	1.0	-
Fleet Administrator	2.0	2.0	-
Fleet Maintenance Equipment Technician I	3.0	3.0	-
Fleet Maintenance Equipment Technician II	7.0	7.0	-
Fleet Maintenance Shop Foreman	2.0	2.0	-
Fleet Maintenance Shop Supervisor	1.0	1.0	-
Fleet Manager	1.0	1.0	-
Heavy Equipment Shop Foreman	1.0	1.0	-
Heavy Equipment Technician I	5.0	5.0	-
Information Systems Assistant	1.0	1.0	-
Lead Fleet Maintenance Equipment Technician	1.0	1.0	-
Welder	1.0	1.0	-
Total Full-Time Positions	28.4	28.4	-

Expense Detail

Fleet Services	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 1,466,758	\$ 1,938,055	\$ 1,782,305	\$ 1,981,970	\$ 43,915	2.3%
511060 - Overtime	152,126	132,000	212,000	175,000	43,000	32.6%
512000 - Social Security	119,168	148,260	141,080	151,580	3,320	2.2%
513000 - Workers' Comp Ins	37,799	48,210	38,770	22,430	(25,780)	-53.5%
513020 - Hospitalization Ins	295,299	359,200	359,200	443,510	84,310	23.5%
513040 - Dental Ins	15,310	18,200	17,255	19,050	850	4.7%
513060 - Life Ins	3,528	4,770	4,080	4,255	(515)	-10.8%
513070 - LT Disability Ins	-	-	5,585	7,765	7,765	0.0%
514000 - Retirement	276,555	335,785	428,780	440,005	104,220	31.0%
514010 - Retiree - Insurance	88,805	109,770	137,395	136,560	26,790	24.4%
514020 - Comp Absences-vacation	1,530	19,170	19,170	24,950	5,780	30.2%
514030 - Comp Absences-sick	3,630	39,665	39,665	1,115	(38,550)	-97.2%
515000 - Cell Phone Stipend	9,368	12,575	9,780	12,095	(480)	-3.8%
Personnel Total	\$ 2,469,877	\$ 3,165,660	\$ 3,195,065	\$ 3,420,285	\$ 254,625	8.0%

Supplies

520100 - Office Supplies	\$ 7,029	\$ 4,520	\$ 4,520	\$ 4,520	\$ -	0.0%
520110 - Computer Supplies	110,861	117,360	117,360	155,145	37,785	32.2%
520300 - Clothing Supplies	17,459	20,250	20,250	21,810	1,560	7.7%
520600 - Fuel, Oil and Lube	17,555	34,220	24,220	19,100	(15,120)	-44.2%
520630 - Toll Fees	1,005	1,000	1,600	1,600	600	60.0%
520800 - Small Tools & Equip	52,306	59,850	41,850	59,850	\$ -	0.0%
520810 - Fire Extinguishers	528	1,200	1,200	1,200	\$ -	0.0%

Expense Detail (continued)

Fleet Services	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
520820 - Expendable Supplies	\$ 3,970	\$ 5,590	\$ 5,590	\$ 6,400	\$ 810	14.5%
520900 - Janitorial Supplies	2,061	4,200	4,200	4,200	-	0.0%
521100 - Medical Supplies	589	600	3,100	600	-	0.0%
521110 - Safety Supplies	13,181	10,180	10,180	13,530	3,350	32.9%
521400 - Electrical Supplies	2,535	4,500	18,500	4,500	-	0.0%
521500 - Mechanical Supplies	180	-	-	-	-	0.0%
521700 - Building Supplies	7,467	4,500	7,500	7,500	3,000	66.7%
521900 - Vehicle Supplies	11,674	5,400	8,900	5,400	-	0.0%
521910 - Tires and Tubes	2,368	3,000	5,500	4,500	1,500	50.0%
522000 - Equipment Supplies	2,561	3,500	5,500	3,500	-	0.0%
522100 - Welding Supplies	10,409	14,000	15,000	15,000	1,000	7.1%
522200 - Road Maintenance Supplies	-	7,500	5,665	7,500	-	0.0%
523000 - Other Supplies	-	-	1,000	1,000	1,000	0.0%
Supplies Total	\$ 263,736	\$ 301,370	\$ 301,635	\$ 336,855	\$ 35,485	11.8%
Services						
530300 - Automotive Insurance	\$ 9,102	\$ 10,135	\$ 20,135	\$ 15,190	\$ 5,055	49.9%
530400 - Fire & Exten Cov Ins	7,334	10,180	6,675	3,930	(6,250)	-61.4%
530900 - General Liability Ins	3,577	2,570	2,570	1,790	(780)	-30.4%
531000 - Telephone	4,326	4,205	4,205	4,205	-	0.0%
531020 - Internet Service	3,202	3,960	11,960	17,160	13,200	333.3%
531100 - Electric Power	69,084	62,000	72,000	76,700	14,700	23.7%
531120 - Retail Water Service	616	400	3,400	2,640	2,240	560.0%
531300 - Engin/Consultant Svc	9,442	27,000	27,000	5,000	(22,000)	-81.5%
531400 - Legal Service	-	1,200	1,200	1,200	-	0.0%
531520 - Employee Programs	-	-	700	1,400	1,400	0.0%
531700 - Advertising	25,626	400	1,700	600	200	50.0%
531800 - Rent or Lease Payment	-	-	4,000	9,600	9,600	0.0%
531900 - Travel and Training	36,550	55,515	55,515	57,215	1,700	3.1%
532000 - Mem & Subscriptions	8,034	3,800	7,300	3,800	-	0.0%
532100 - Vehicle Maint	3,478	3,000	41,000	36,000	33,000	1100.0%
532200 - Equipment Maintenance	10,836	5,000	5,000	5,000	-	0.0%
532300 - Postage	42	75	75	75	-	0.0%
532850 - Building Maintenance	27,089	16,400	23,400	18,900	2,500	15.2%
533000 - Other Services	48,288	62,735	62,735	62,735	-	0.0%
533100 - Administration	5,210	10,420	10,420	-	(10,420)	-100.0%
533900 - Permits, Ins, & Lic Fees	103	-	-	-	-	0.0%
534000 - Uninsured losses	-	-	25,000	-	-	0.0%
Shared Services	410,017	482,705	601,410	674,005	191,300	39.6%
Services Total	\$ 681,954	\$ 761,700	\$ 987,400	\$ 997,145	\$ 235,445	30.9%

Expense Detail (continued)

Fleet Services	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Capital Outlay						
540300 - Vehicle Equipment	\$ -	\$ 55,000	\$ 51,975	\$ 375,000	\$ 320,000	581.8%
540400 - Office Equipment	-	-	-	167,000	167,000	0.0%
540700 - Non-Vehicle Equipment	80,070	443,000	31,475	92,000	(351,000)	-79.2%
Capital Outlay Total	\$ 80,070	\$ 498,000	\$ 83,450	\$ 634,000	\$ 136,000	27.3%
Grand Total	\$ 3,495,636	\$ 4,726,730	\$ 4,567,550	\$ 5,388,285	\$ 661,555	14.0%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$661,555 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement Costs
- Vehicle Equipment increased due to replacement of Motor Pool and Fleet Vehicles
- Shared Services increased for FY24
- Office Equipment increased for the purchase and installation of furniture for new 121 RDF Fleet Maintenance Facility and Annex

Expense Detail

RSWS Escrow, CIF & DS	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Rsv for Maint Escrow	\$ 10,000	\$ 10,000	\$ 10,000	\$ -	\$ (10,000)	-100.0%
Equip Replace Escrow	\$ 2,660,000	\$ 380,000	\$ 380,000	\$ -	\$ (380,000)	-100.0%
Capital Imp Fund	\$ 1,269,858	\$ 200,000	\$ 2,281,000	\$ 1,220,000	\$ 1,020,000	510.0%
Tsf to Reserve	\$ 24,013	\$ -	\$ -	\$ -	\$ -	0.0%
Debt Service						
Bonds:						
Current (P&I)	\$ 5,147,131	\$ 5,715,631	\$ 5,715,631	\$ 5,703,981	\$ (11,650)	-0.2%
New (P&I)	526,125	2,094,750	-	2,252,065	157,315	7.5%
Total	\$ 5,673,256	\$ 7,810,381	\$ 5,715,631	\$ 7,956,047	\$ 145,666	1.9%
Other						
Fund Balance Change	35,744	16,619	154,669	(194,747)	(211,366)	-1271.8%
Total	\$ 35,744	\$ 16,619	\$ 154,669	\$ (194,747)	\$ (211,366)	-1271.8%
Transfer to I&S Fund	\$ 5,709,000	\$ 7,827,000	\$ 5,870,300	\$ 7,761,300	\$ (65,700)	-0.8%
Bond Service Fees	\$ 8,740	\$ 15,270	\$ 15,270	\$ 15,450	\$ 180	1.2%
Total Debt Service	\$ 5,717,740	\$ 7,842,270	\$ 5,885,570	\$ 7,776,750	\$ (65,520)	-0.8%
Total Escrow, CIF & DS	\$ 9,681,611	\$ 8,432,270	\$ 8,556,570	\$ 8,996,750	\$ 564,480	6.7%

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SHARED SERVICES FUND



Shared Services Fund

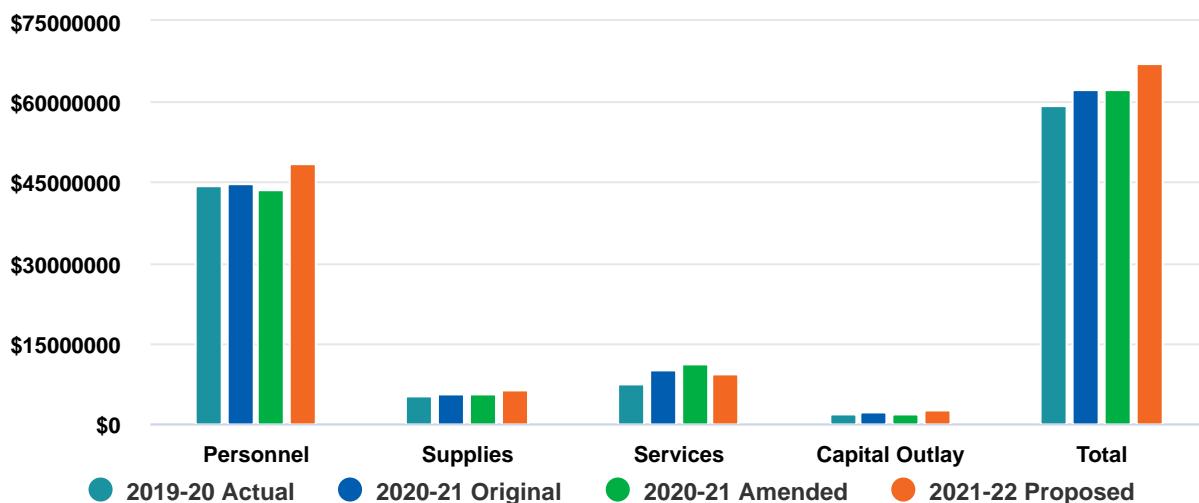
The Shared Services Fund is comprised of multiple departments that provide common or shared essential services to the Regional Water, Regional Wastewater, Upper East Fork Interceptor, Small Systems and Regional Solid Waste Operating Systems.

The Shared Service departments are as follows:

- General
- Communications
- Construction
- Engineering
- CIP/Permitting
- Control Systems
- Facilities Services
- Technical Services
- Human Resources
- Human Resources Benefits
- Records
- Safety
- Accounting
- Finance
- Procurement
- Information Technology
- Environmental Services
- Laboratory Services
- Regulatory Compliance

The Shared Services Fund departments have a total of 436 employees. Detailed position counts are shown within each of the departmental executive summaries.

SHARED SERVICES FUND EXPENDITURES BY CATEGORY



Expenditures

Category	2021-22		2022-23		2023-24		Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget			
Personnel	\$ 46,504,823	\$ 54,649,990	\$ 54,160,160	\$ 60,118,085	\$ 5,468,095			10.0%
Supplies	6,836,018	6,841,895	8,010,910	7,061,880		219,985		3.2%
Services	9,120,293	12,343,500	13,855,310	13,160,715		817,215		6.6%
Capital Outlay	3,216,049	1,270,710	4,071,960	40,000		(1,230,710)		-96.9%
Total	\$ 65,677,183	\$ 75,106,095	\$ 80,098,340	\$ 80,380,680	\$ 5,274,585			7.0%

The FY23 Amended Budget for expenditures totals \$80,098,340 which is \$4,992,245 or 6.6% greater than the Original Budget of \$75,106,095. The increase is related to additional retirement costs, driven by updated actuarial valuations of the retirement plans, and capital purchases that were moved forward from FY24 into the FY23 budget using available contingency funds to offset the increase. Shared Services Fund expenditures for FY24 are \$80,380,680 which is \$5,274,585 or 7.0% greater than the FY23 Budget. Major budget variances are explained below:

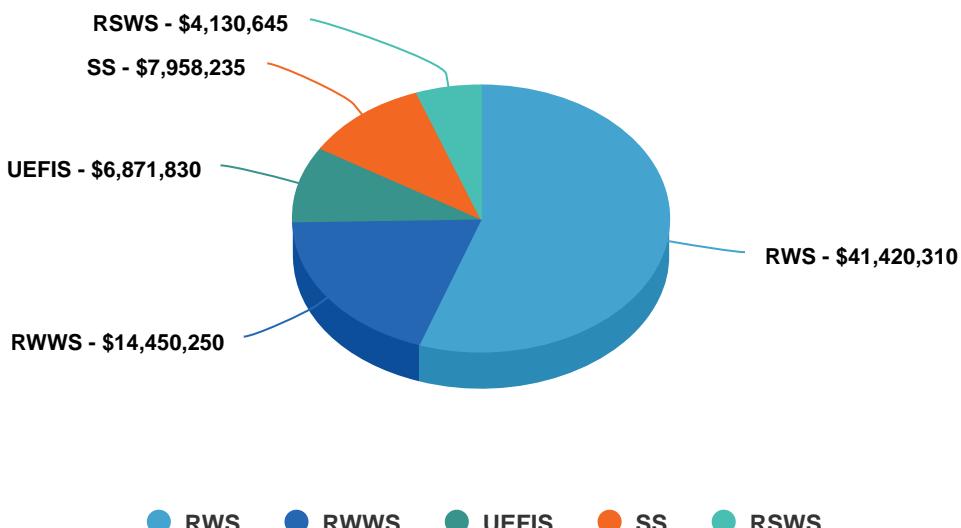
- Increase of \$5,468,095 for Personnel due to higher wages, insurance/retirement costs and to fund fourteen new positions for various Shared Services departments
- Increase of \$817,215 in Services for Engineering/Consultant Services in CIP/Permitting primarily tied to the Strategic Plan for water quality and permitting evaluations and in the Human Resources Benefits for a Benefits Consultant. In addition, there is an increase within Communications for the expansion of the Water Conservation Programs and Roadmap items. Other increases include electrical system maintenance in Technical Services and plant security services in the Safety Department
- Increase in Supplies of \$219,985 primarily for computer supplies due to additional HR software licenses, IT ticketing software and A/V upgrades in the Main Training Room
- Decrease of (\$1,230,710) in Capital Outlay driven by decreases in vehicle equipment, laboratory equipment and non-vehicle equipment purchases. Some of this decrease can be attributed to moving the purchases into the FY23 fiscal year as mentioned above in the amended budget discussion.

Cost Allocation

The Shared Services Fund is an internal service fund and all expenses must be allocated to the Operating Systems. The cost allocations are both direct and indirect. Direct costs are costs that one of the Shared Service departments does directly for one of the operating systems. For example, if the RWS needs Facility Services to complete a pipeline repair job then the RWS would budget directly for those costs. There is a clear direct line between the Shared Service Department doing the work and the System that is paying for it. An example of indirect costs would be the costs of preparing the annual budget. Those services are performed in the Finance Department for all Systems. There is no direct line between cost and the benefitting department. For the direct costs each operating system budgets for expected direct expenses based on historicals and trends as well as known or expected projects. All costs not considered direct allocations are then allocated indirectly. Each year, as part of the budgeting process, the District reviews its indirect cost allocations to ensure that appropriate Shared Services fund expenses are allocated to the appropriate Operating System. The review is multi-faceted and includes department specific metrics as well as manager input to determine the allocation amounts and percentages. Throughout the year, Finance reviews budgeted to actual expenses within the Shared Services Fund and determines if any adjustments are needed.

The following chart represents where the Shared Services Fund expenses are expected to be allocated this year:

PROPOSED ALLOCATED EXPENSES



General Department

Overview

Serving as the executive office of the District, the General Department directs and oversees the strategic planning process, as well as communicates and implements the policies of the NTMWD Board of Directors. The General Department also provides funding for the Board of Directors. Through its allocation of resources, the department administers and oversees the delivery and quality of operational programs and services that support the mission.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Provide oversight and support to organization-wide strategic goals and objectives.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Establish a district wide standardization process for materials and specifications.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Engage and regularly advocate with elected officials and stakeholders in support of NTMWD's goals.
- Continue to support and guide NTMWD's policy development and review processes.
- Conduct Board, Special-Called Board, Committee and Workshop meetings, as necessary and appropriate.

People: Build a talented, competent and committed team

- Set the tone, values and culture of the organization and manage internal communications.
- Support HR initiatives to develop career paths for employees.
- Create and implement a District-wide succession plan.

Major Budget Drivers

- Personnel
- Legal

Position Summary

General Department	FY23	FY24	Difference
Full-Time Positions			
Board Administrative Support Specialist	1.0	1.0	-
Board Liaison & Assistant to the General Manager	1.0	1.0	-
Deputy Director (Administrative Services)	1.0	1.0	-
Deputy Director (Engineering & CIP)	1.0	1.0	-
Deputy Director (Solid Waste & Integrated Services)	1.0	1.0	-
Deputy Director (Water & Wastewater)	1.0	1.0	-
Executive Administrative Assistant	2.0	2.0	-
Executive Director / General Manager	1.0	1.0	-
General Counsel	1.0	1.0	-
Government Affairs and Special Projects Manager *	1.0	1.0	-
Process Improvement Advisor	1.0	1.0	-
Total Full-Time Positions	12.0	12.0	-

* Title change

Expense Detail

General Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 1,876,478	\$ 2,446,460	\$ 2,221,915	\$ 2,511,270	\$ 64,810	2.6%
511070 - Board of Directors	136,950	175,000	175,000	145,000	(30,000)	-17.1%
511080 - Special Wage Payment	3,600	3,600	3,600	3,600	-	0.0%
512000 - Social Security	117,448	132,585	133,870	140,805	8,220	6.2%
513000 - Workers' Comp Ins	2,538	3,475	2,475	1,610	(1,865)	-53.7%
513010 - Unemployment Ins	6,173	-	-	-	-	0.0%
513020 - Hospitalization Ins	184,069	212,950	212,950	267,255	54,305	25.5%
513040 - Dental Ins	8,580	9,480	9,000	10,725	1,245	13.1%
513060 - Life Ins	4,532	5,450	4,780	4,925	(525)	-9.6%
513070 - LT Disability Ins	-	-	-	7,965	7,965	0.00%
514000 - Retirement	365,945	481,080	575,020	596,030	114,950	23.9%
514010 - Retiree - Insurance	91,960	110,250	138,185	140,370	30,120	27.3%
514020 - Comp Absences-vacation	42,935	33,955	33,955	28,325	(5,630)	-16.6%
514030 - Comp Absences-sick	38,210	36,665	36,665	37,860	1,195	3.3%
515000 - Cell Phone Stipend	4,560	5,760	5,280	5,760	-	0.0%
Personnel Total	\$ 2,883,978	\$ 3,656,710	\$ 3,552,695	\$ 3,901,500	\$ 244,790	6.7%
Supplies						
520100 - Office Supplies	\$ 2,482	\$ 4,050	\$ 3,500	\$ 3,750	(\$ 300)	-7.4%
520110 - Computer Supplies	29,539	9,650	21,000	37,810	28,160	291.8%
520200 - Xerox Supplies	5,938	-	-	-	-	0.0%
520300 - Clothing Supplies	-	-	300	-	-	0.0%
520600 - Fuel, Oil and Lube	2,637	1,750	1,000	1,750	-	0.0%
520630 - Toll Fees	282	200	100	200	-	0.0%
520800 - Small Tools & Equip	-	-	25	-	-	0.0%
521110 - Safety Supplies	7,300	-	-	-	-	0.0%
521700 - Building Supplies	20,063	9,800	6,000	-	(9,800)	-100.0%
521900 - Vehicle Supplies	269	220	720	220	-	0.0%
521910 - Tires and Tubes	1,337	500	500	500	-	0.0%
Supplies Total	\$ 69,848	\$ 26,170	\$ 33,145	\$ 44,230	\$ 18,060	69.0%
Services						
530300 - Automotive Insurance	\$ 1,082	\$ 1,365	\$ 1,365	\$ 1,075	\$ (290)	-21.2%
530400 - Fire & Exten Cov Ins	17,866	24,800	17,690	11,265	(13,535)	-54.6%
530500 - Employee Bonds	8,130	13,065	10,000	13,025	(40)	-0.3%
530510 - Directors & Officers Ins	158,759	177,815	177,815	139,045	(38,770)	-21.8%
531020 - Internet Service	22,231	18,720	18,720	19,740	1,020	5.4%
531100 - Electric Power	51,850	40,000	40,000	40,000	-	0.0%
531110 - Nat Gas, Butane & Kero	30,174	19,000	33,000	33,990	14,990	78.9%
531120 - Retail Water Service	8,384	3,500	7,300	7,500	4,000	114.3%
531300 - Engin/Consultant Svc	28,702	30,000	11,000	222,000	192,000	640.0%
531310 - Special Studies & Rpts	7,000	90,000	30,000	165,000	75,000	83.3%
531400 - Legal Service	1,160,431	600,000	700,000	600,000	-	0.0%
531490 - Raw Water Development	483,729	-	-	-	-	0.0%
531500 - Planning & Development	175,600	-	184,000	-	-	0.0%

Expense Detail (continued)

General Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services (continued)						
531520 - Employee Programs	\$ 93	\$ -	\$ -	\$ 400	\$ 400	0.0%
531600 - Printing & Binding	273	500	300	500	-	0.0%
531700 - Advertising	101	-	-	-	-	0.0%
531800 - Rent or Lease Payment	13,799	20,100	30,000	15,600	(4,500)	-22.4%
531900 - Travel and Training	72,015	162,780	65,000	80,080	(82,700)	-50.8%
532000 - Mem & Subscriptions	131,306	26,000	26,000	54,425	28,425	109.3%
532100 - Vehicle Maint	17	500	500	500	-	0.0%
532110 - Veh Maint by Solid Waste	593	200	200	500	300	150.0%
532300 - Postage	8,719	20,000	10,000	15,000	(5,000)	-25.0%
532850 - Building Maintenance	56,350	1,600	198,550	-	(1,600)	-100.0%
533000 - Other Services	5,217	-	-	-	-	0.0%
533030 - Contractual Safety Serv	4,400	3,560	3,560	3,560	-	0.0%
534000 - Uninsured losses	1,318	-	-	-	-	0.0%
Services Total	\$ 2,448,139	\$ 1,253,505	\$ 1,565,000	\$ 1,423,205	\$ 169,700	13.5%
Capital Outlay						
540200 - Building	\$ 12,700	\$ -	\$ -	\$ -	-	0.0%
Capital Outlay Total	\$ 12,700	\$ -	\$ -	\$ -	-	0.0%
Grand Total	\$ 5,414,665	\$ 4,936,385	\$ 5,156,450	\$ 5,368,935	\$ 432,550	8.8%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$432,550 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Retirement and Insurance costs
- Computer Supplies are higher for new Board Agenda software as well as replacing iPads and computers due to age
- Building Supplies and Maintenance have been moved to the Facilities department
- Engineering / Consultant Service increased to add a contract for legislative consulting
- Special Studies & Reports increased for a management audit, compact workplan and other special projects
- Travel & Training has been reduced based on trends
- Memberships & Subscriptions has been increased based on usage

Communications Department

Overview

The Communications Department is responsible for the planning, development, implementation and management of the NTMWD overall strategic communications, public information, corporate communications, water conservation/public education programs, and organization branding, including Member City and Customer communication resources, issues analysis and management, public outreach/engagement, media relations, online presence and governmental/partner agency relations support. The department provides public relations and issues management counsel to executive leaders, managers and Board of Directors on internal and external communications in support of organization goals, programs and projects. Communications plans and develops communications strategies, messages, branding, informational materials, online information, presentations and events. Through these avenues, the Communications department helps keep the public and key stakeholders informed, build trust and understanding of operations, and advance NTMWD goals, initiatives, policies, programs and projects. The department continues to focus on these initiatives within the NTMWD Strategic Plan:

- 2.2.4 – Update the Water Conservation and Water Resource & Emergency Management Plan
- 3.1.1 – Take an Active Role in Regional Water and Wastewater Education Initiatives
- 3.1.2 – Expand Outreach and Education Programs to Fannin County
- 3.1.3 – Develop Strategic Communications Plan for External Audiences
- 3.4.1 – Develop Strategic Communications Plan for Internal Audiences

FY2024 Department Objectives (Supporting Strategic Goals)

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Share the value of essential services provided by NTMWD to those served and beyond.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Provide and implement outreach programs to positively impact the use of shared regional resources.
- Actively collaborate with those served and NTMWD partners to connect and build relationships to increase positive awareness for essential services.
- Responsibly provide communication and educational resources to those served to share within the communities.
- Provide communication and education designed to affect positive change to protect shared regional resources.

Key areas of focus requiring Communications' support for FY24 include:

- A roadmap of water conservation programs, services and outreach.
- Employee communications and engagement programs.
- Involvement in 9 Initiatives of the 2022-2027 Strategic Plan as lead or supporting department.
- NTMWD leadership and partner agency communications.
- Major capital projects and programs.
- Water quality compliance and treatment processes.
- Budget, rates/costs, cost drivers and efficiencies.
- Various operations initiatives and workforce communications.
- Safety and emergency/crisis response as needed.
- Strategic communication and outreach plans for both external and internal stakeholders.
- Increase knowledge and understanding within the NTMWD service area of the role of water in sustainability and growth through various programs.
- Support public education programs and community outreach in partnership with our Member Cities and Customers to affect positive behavior change in consumers.

- Continue NTMWD's programs and education initiatives with local, regional, and state-wide agencies.
- Continued collaboration with natural resource professionals to provide educational classes and the Water My Yard irrigation tool to aid in a reduction of water use.
- Provide water conservation consistency and common messaging throughout the region by the development of NTMWD's Water Conservation Plan, Water Resource and Emergency Management Plan, Model Water Conservation Plan and Model Water Resource and Emergency Management Plan.

Major Budget Drivers

- Key public information tools include: media relations, website, fact sheets, social media, e-newsletters, displays, publications (annual report and water quality report), videos, photos, infographics, newspaper and online ads for projects/initiatives and public notices; direct mail postcards and signage.
- Water conservation awareness, public education outreach and community engagement in current and expanding service areas.
- Tours, outreach and partnering events for partner agencies, legislators, Member City and Customer officials, staff, community leaders, schools and businesses.
- Open houses and informational updates for property owners and neighbors near NTMWD projects in coordination with regulatory agencies, as well as local officials and staff.
- Consultant support for creative assets, crisis communications, emergency response and media relations.
- Consultant support for marketing campaigns, digital media development, education materials and programs, graphic design and video production.
- A new Water Conservation Roadmap initiative to further support Member Cities and Customers.

Position Summary

Communications Department		FY23	FY24	Difference
Full-Time Positions				
Communications Assistant		1.0	1.0	-
Director of Communications		1.0	1.0	-
Multi-Media Specialist		1.0	1.0	-
Public Communications Manager		1.0	1.0	-
Public Education Manager		1.0	1.0	-
Public Education Specialist		1.0	1.0	-
Total Full-Time Positions		6.0	6.0	-

Expense Detail

Communications Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 397,621	\$ 582,335	\$ 551,665	\$ 623,940	\$ 41,605	7.1%
511060 - Overtime	5,927	-	-	5,000	5,000	0.0%
512000 - Social Security	30,258	43,910	41,940	47,735	3,825	8.7%
513000 - Workers' Comp Ins	511	830	620	400	(430)	-51.8%
513020 - Hospitalization Ins	42,014	61,310	61,310	89,275	27,965	45.6%
513040 - Dental Ins	2,304	3,070	3,170	3,465	395	12.9%
513070 - LT Disability Ins	900	1,375	1,215	1,285	(90)	-6.5%
513061 - Life Ins	-	-	1,725	2,445	2,445	0.0%
514000 - Retirement	43,265	77,100	98,455	109,720	32,620	42.3%
514010 - Retiree - Insurance	13,895	25,205	31,550	34,050	8,845	35.1%
514020 - Comp Absences-vacation	11,330	-	-	6,145	6,145	0.0%

Expense Detail (continued)

Communications Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel (continued)						
514030 - Comp Absences-sick	\$ -	\$ -	\$ -	\$ 12,215	\$ 12,215	0.0%
515000 - Cell Phone Stipend	1,360	2,400	2,160	2,400	-	0.0%
Personnel Total	\$ 549,384	\$ 797,535	\$ 793,810	\$ 938,075	\$ 140,540	17.6%
Supplies						
520100 - Office Supplies	\$ 1,337	\$ 750	\$ 1,160	\$ 1,000	\$ 250	33.3%
520110 - Computer Supplies	10,094	30,590	30,590	8,815	(21,775)	-71.2%
520120 - Photo and Video Supplies	1,994	1,000	1,000	1,000	-	0.0%
520600 - Fuel, Oil and Lube	27	2,400	2,400	2,400	-	0.0%
521110 - Safety Supplies	319	615	705	-	(615)	-100.0%
521900 - Vehicle Supplies	6	565	565	565	-	0.0%
521910 - Tires and Tubes	-	345	345	345	-	0.0%
Supplies Total	\$ 13,777	\$ 36,265	\$ 36,765	\$ 14,125	\$ (22,140)	-61.1%
Services						
530300 - Automotive Insurance	\$ 183	\$ 240	\$ 240	-	\$ (240)	-100.0%
531020 - Internet Service	1,239	21,120	21,120	3,300	(17,820)	-84.4%
531030 - Web Site Serv	19,374	98,200	87,700	17,410	(80,790)	-82.3%
531300 - Engin/Consultant Svc	57,140	157,600	157,600	187,420	29,820	18.9%
531310 - Special Studies & Rpts	7,703	-	-	-	-	0.0%
531320 - Water Conservation Prog	-	1,588,360	1,588,360	1,803,160	214,800	13.5%
531500 - Planning & Development	17,388	13,200	13,200	20,000	6,800	51.5%
531600 - Printing & Binding	1,320	-	-	-	-	0.0%
531700 - Advertising	48,054	2,500	12,500	2,500	-	0.0%
531900 - Travel and Training	8,594	37,500	37,500	44,120	6,620	17.7%
532000 - Mem & Subscriptions	5,767	62,500	62,500	23,100	(39,400)	-63.0%
532100 - Vehicle Maint	-	100	100	100	-	0.0%
532110 - Veh Maint by Solid Waste	-	260	260	260	-	0.0%
532200 - Equipment Maintenance	3,069	3,000	3,000	-	(3,000)	-100.0%
Services Total	\$ 169,831	\$ 1,984,580	\$ 1,984,080	\$ 2,101,370	\$ 116,790	5.9%
Grand Total	\$ 732,992	\$ 2,818,380	\$ 2,814,655	\$ 3,053,570	\$ 235,190	8.3%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$235,190 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- Water Conservation Program increased to expand water conservation programs and roadmap items. This increase is partially offset by a decrease in the Web Site Service expense.

Construction Department

Overview

The Construction Department includes the functions of vital inspections of water, wastewater, and solid waste infrastructure projects to ensure quality control methods are being executed. The essential functions of construction inspection are as follows:

- Design: Provide essential review of contract drawings and specifications throughout the consultant engineers design progression. Provide feedback comments regarding constructability of civil, electrical, and SCADA facilities.
- Project Quality Assurance: Field inspection services to ensure construction standards, field quality control, and building codes are being followed by contractors. Provide detailed daily reports and photographic documentation of performed work to ensure contract document conformance.
- Project Coordination: Facilitate critical operations integration, shutdown, and tie-in procedures as required by the project scope. Convey vital information to land owners and other applicable parties during project construction to build positive relationships with the public and municipal entities ensuring minimal issues or delays.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Diligently perform inspection of new projects, improvements to existing infrastructure and facilities utilizing appropriate technologies and processes to ensure systems reliability, quality requirements, operations and maintenance needs. Provide for the safety of workers and the general public and address constructability issues.
- Assist in getting projects to completion that will move the District toward full capacity of existing supplies and the completion of projects for the new supplies from the Trinity River Main Stem and Bois d'Arc Lake.
- Plan for inspection services for the projects that are advanced as the District expands into new wastewater service areas. The District is developing a new northern Regional Water Resource Recovery Facility and associated regional collection system which will generate projects that will be in need of inspection services.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Refine construction inspection practices to utilize the standard approaches to documentation, contractor workmanship, equipment installed, technology, and required testing while maintaining critical constructability problem solving outlook where needed.
- Strengthen supply chain management of project completion by:
- Deliberately managing outsourced inspection firms, selection, and project loading of inspectors.
- Coordinating overall construction activity with inspection personnel to manage project loading.
- Promoting active awareness among District departments of project construction issues, progress and their potential impact to facility constraints and availability.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Continue to work with Member Cities and Customers at appropriate levels to foster respect and sensitivity to mutual goals and issues.
- Actively engage cities through shutdown planning, construction and utility staff to effectively plan for changing capacity needs for construction and to collaborate on unified efforts.

People: Build a talented, competent and committed team

- Increase targeted training and clear definitions of department processes to present consistent approaches.
- Seek opportunities for staff experiences and development to develop future leaders within the District.

Major Budget Drivers

- Computer equipment and software needed to support timely communications, access to critical information, technical review, project documentation and project completion tracking by the District's Construction staff
- Vehicles and remote computer access to enable construction field monitoring of projects spread across the NTMWD service area
- Training and exposure for inspection staff to maintain knowledge of current and best practices in the water, wastewater and solid waste construction practices
- Safety equipment, PPE and inspection tools and equipment to safely and thoroughly perform our inspection duties

Position Summary

Construction Department		FY23	FY24	Difference
Full-Time Positions				
Administrative Technician		-	1.0	1.0
Construction Inspector I		-	20.0	20.0
Construction Inspector II		-	16.0	16.0
Construction Inspection Supervisor		-	8.0	8.0
Construction Manager		-	2.0	2.0
Instrumentation & Electrical Construction Supervisor		-	1.0	1.0
Total Full-Time Positions *		-	48.0	48.0

* Positions were previously included as part of the Engineering department with the exception of one new request (Construction Manager)

Expense Detail

Construction Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ -	\$ -	\$ -	\$ 3,781,815	\$ 3,781,815	0.0%
512000 - Social Security	-	-	-	289,305	289,305	0.0%
513000 - Workers' Comp Ins	-	-	-	18,285	18,285	0.0%
513020 - Hospitalization Ins	-	-	-	806,675	806,675	0.0%
513040 - Dental Ins	-	-	-	32,620	32,620	0.0%
513060 - Life Ins	-	-	-	8,030	8,030	0.0%
513070 - LT Disability Ins	-	-	-	14,825	14,825	0.0%
514000 - Retirement	-	-	-	680,145	680,145	0.0%
514010 - Retiree - Insurance	-	-	-	211,085	211,085	0.0%
514020 - Comp Absences-vacation	-	-	-	68,245	68,245	0.0%
514030 - Comp Absences-sick	-	-	-	38,580	38,580	0.0%
515000 - Cell Phone Stipend	-	-	-	20,640	20,640	0.0%
Personnel Total	\$ -	\$ -	\$ -	\$ 5,970,250	\$ 5,970,250	0.0%

Expense Detail (continued)

Construction Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies						
520100 - Office Supplies	\$ -	\$ -	\$ -	\$ 8,500	\$ 8,500	0.0%
520110 - Computer Supplies	-	-	-	\$ 34,500	\$ 34,500	0.0%
520200 - Xerox Supplies	-	-	-	\$ 1,200	\$ 1,200	0.0%
520300 - Clothing Supplies	-	-	-	\$ 15,000	\$ 15,000	0.0%
520600 - Fuel, Oil and Lube	-	-	-	\$ 76,500	\$ 76,500	0.0%
520630 - Toll Fees	-	-	-	\$ 4,600	\$ 4,600	0.0%
520800 - Small Tools & Equip	-	-	-	\$ 13,000	\$ 13,000	0.0%
520810 - Fire Extinguishers	-	-	-	\$ 2,000	\$ 2,000	0.0%
521110 - Safety Supplies	-	-	-	\$ 27,750	\$ 27,750	0.0%
521800 - Engineering Supplies	-	-	-	\$ 4,200	\$ 4,200	0.0%
521900 - Vehicle Supplies	-	-	-	\$ 11,800	\$ 11,800	0.0%
521910 - Tires and Tubes	-	-	-	\$ 17,050	\$ 17,050	0.0%
Supplies Total	\$ -	\$ -	\$ -	\$ 216,100	\$ 216,100	0.0%
Services						
530300 - Automotive Insurance	\$ -	\$ -	\$ -	\$ 30,340	\$ 30,340	0.0%
531020 - Internet Service	-	-	-	\$ 30,660	\$ 30,660	0.0%
531800 - Rent or Lease Payment	-	-	-	\$ 8,785	\$ 8,785	0.0%
531900 - Travel and Training	-	-	-	\$ 15,500	\$ 15,500	0.0%
532000 - Mem & Subscriptions	-	-	-	\$ 1,200	\$ 1,200	0.0%
532100 - Vehicle Maint	-	-	-	\$ 39,235	\$ 39,235	0.0%
532110 - Veh Maint by Solid Waste	-	-	-	\$ 13,000	\$ 13,000	0.0%
Services Total	\$ -	\$ -	\$ -	\$ 138,720	\$ 138,720	0.0%
Grand Total	\$ -	\$ -	\$ -	\$ 6,325,070	\$ 6,325,070	0.0%

Major FY24 Budget Items

The department's FY24 Proposed Budget has decreased by \$7,171,965 from the FY23 Original Budget. Major variances are explained below:

- This department is new for FY24. Previously the employees and expenses were part of the Engineering department.

Engineering Department

Overview

The Engineering Department includes the functions of Planning, Project Delivery and Real Estate. The essential functions of each are as follows:

- Capital Project Delivery: Project Delivery: Collaborate in the development of project scopes for new and major expansion/rehabilitation capital projects. Select design consultants and administer the Engineering Services Agreements, including leading the review of technical and contractual aspects. Coordinate the advertisement and competitive procurement processes, administer the construction contracts and serve as NTMWD Owner's Agent throughout the construction and startup phases of the project. Provide project support and controls through process development, standardization, and reporting.
- Real Estate: Facilitate the acquisition and disposal of right-of-way and property and administer and manage leases. Provide research for identification of ownership and for target acquisition costs for land associated with planned facilities, coordinate with owners for right of entry pre-engineering work, negotiate and manage real estate transactions. Provide research and advice on real estate related issues. Engage outside legal counsel when necessary. Assist Geographic Information System (GIS) with mapping functions.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Develop and implement new projects and improvements utilizing appropriate technologies and processes to enhance systems reliability, address regulatory requirements, address capacity needs, provide for the safety of workers and the general public and address asset condition issues.
- Advance projects that expand or enhance the use of existing water supplies, processes, and critical infrastructure.
- Advance expansion into new wastewater service areas by developing a new Sister Grove Regional Water Resource Recovery Facility, Lower East Fork Regional Water Resource Recovery Facility and associated collection systems.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Refine engineering business practices to utilize the standard approaches to work flows, materials, equipment, technology and construction details where practical, while maintaining critical engineering problem solving outlook where needed.
- Strengthen supply chain management of project delivery resources by:
 - Deliberately managing consultant evaluation, selection, and project loading.
 - Coordinating overall construction activity to promote competition and manage project loading.
 - Promoting active awareness among District departments of project requirements and their potential impact to facility constraints and availability.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Continue to work with Member Cities and Customers at appropriate levels to foster respect and sensitivity to mutual goals and issues.
- Improve the project design and asset handover process.

People: Build a talented, competent and committed team

- Increase targeted training and clear definitions of department processes to present consistent approaches.
- Seek opportunities for staff experiences and development to develop future leaders within the District.

Major Budget Drivers

- Computer equipment and software needed to support timely communications, access to critical information, technical review and project delivery tracking by the District's Engineering staff
- Training and exposure for professional technical staff to maintain knowledge of current and best practices in the water, wastewater and solid waste industries
- Engineering consultant services to provide expertise in support of priority strategic initiatives

Position Summary

Engineering Department		FY23	FY24	Difference
Full-Time Positions				
Administrative Technician *		4.0	3.0	(1.0)
Assistant Deputy (CIP) **		0.9	-	(0.9)
Assistant Deputy (Engineering)		1.0	1.0	-
Assistant Planning Program Manager **		1.0	-	(1.0)
Construction Inspection Supervisor *		8.0	-	(8.0)
Construction Inspector I *		20.0	-	(20.0)
Construction Inspector II *		16.0	-	(16.0)
Construction Manager *		1.0	-	(1.0)
Energy Program Manager **		1.0	-	(1.0)
Engineering Data Specialist		-	1.0	1.0
Engineering Manager		2.0	2.0	-
Engineering Program Manager		6.0	6.0	-
Engineering Projects Coordinator **		1.0	-	(1.0)
Graduate Engineer		2.0	2.0	-
Instrumentation & Electrical Construction Supervisor *		1.0	-	(1.0)
Land Agent		2.0	3.0	1.0
Planning Program Manager **		1.0	-	(1.0)
Professional Engineer **		23.0	20.0	(3.0)
Project Controls Specialist ***		1.0	6.0	5.0
Project Controls Supervisor ***		1.0	1.0	-
Real Estate Manager		1.0	1.0	-
Total Full-Time Positions		93.9	46.0	(47.9)

* These positions have been moved to the Construction Department beginning in FY24

** These positions have been moved to the CIP/Permitting Department beginning in FY24

*** Title change in FY24

Expense Detail

Engineering Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 8,052,768	\$ 9,479,275	\$ 9,114,150	\$ 5,159,715	\$ (4,319,560)	-45.6%
511060 - Overtime	169,497	153,000	153,000	153,000	-	0.0%
512000 - Social Security	599,315	711,410	683,470	387,755	(323,655)	-45.5%
513000 - Workers' Comp Ins	34,760	41,745	33,295	6,285	(35,460)	-84.9%
513010 - Unemployment Ins	753	-	-	-	-	0.0%
513020 - Hospitalization Ins	1,356,936	1,564,825	1,564,825	852,755	(712,070)	-45.5%
513040 - Dental Ins	66,666	75,490	70,150	36,940	(38,550)	-51.1%
513060 - Life Ins	18,687	22,320	20,140	10,575	(11,745)	-52.6%
513070 - LT Disability Ins	-	-	27,965	20,130	20,130	0.0%

Expense Detail (continued)

Engineering Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel (continued)						
514000 - Retirement	\$ 1,158,310	\$ 1,238,005	\$ 1,580,860	\$ 934,100	\$ (303,905)	-24.5%
514010 - Retiree - Insurance	371,950	404,700	506,565	289,900	(114,800)	-28.4%
514020 - Comp Absences-vacation	107,360	109,700	109,700	-	(109,700)	-100.0%
514030 - Comp Absences-sick	-	107,255	107,255	-	(107,255)	-100.0%
515000 - Cell Phone Stipend	32,116	38,350	36,715	15,360	(22,990)	-59.9%
Personnel Total	\$ 11,969,118	\$ 13,946,075	\$ 14,008,090	\$ 7,866,515	\$ (6,079,560)	-43.6%
Supplies						
520100 - Office Supplies	\$ 4,506	\$ 16,190	\$ 16,190	\$ 8,000	\$ (8,190)	-50.6%
520110 - Computer Supplies	338,842	404,250	404,250	300,000	(104,250)	-25.8%
520200 - Xerox Supplies	6,823	8,770	8,770	2,400	(6,370)	-72.6%
520300 - Clothing Supplies	18,194	23,800	23,800	-	(23,800)	-100.0%
520600 - Fuel, Oil and Lube	166,317	112,500	112,500	12,500	(100,000)	-88.9%
520630 - Toll Fees	3,891	7,500	7,500	1,000	(6,500)	-86.7%
520800 - Small Tools & Equip	1,175	10,300	10,300	-	(10,300)	-100.0%
520810 - Fire Extinguishers	-	-	-	2,000	2,000	0.0%
521110 - Safety Supplies	23,117	31,440	31,440	2,700	(28,740)	-91.4%
521700 - Building Supplies	8,288	8,000	108,000	-	(8,000)	-100.0%
521800 - Engineering Supplies	1,281	6,150	6,150	1,300	(4,850)	-78.9%
521900 - Vehicle Supplies	17,712	16,050	16,050	2,200	(13,850)	-86.3%
521910 - Tires and Tubes	13,544	16,500	16,500	2,000	(14,500)	-87.9%
Supplies Total	\$ 603,690	\$ 661,450	\$ 761,450	\$ 334,100	\$ (327,350)	-49.5%
Services						
530300 - Automotive Insurance	\$ 37,591	\$ 47,350	\$ 47,350	\$ 6,905	\$ (40,445)	-85.4%
530400 - Fire & Exten Cov Ins	-	-	-	12,620	12,620	0.0%
531000 - Telephone	722	3,000	3,000	3,660	660	22.0%
531020 - Internet Service	40,315	40,140	40,140	8,700	(31,440)	-78.3%
531100 - Electric Power	10,575	10,800	10,800	10,800	-	0.0%
531110 - Nat Gas, Butane & Kero	293	12,000	12,000	-	(12,000)	-100.0%
531120 - Retail Water Service	90	7,200	7,200	-	(7,200)	-100.0%
531300 - Engin/Consultant Svc	9,502	695,000	595,000	560,000	(135,000)	-19.4%
531400 - Legal Service	35,246	18,000	18,000	18,000	-	0.0%
531700 - Advertising	13,114	30,000	30,000	30,000	-	0.0%
531800 - Rent or Lease Payment	13,949	10,855	10,855	8,800	(2,055)	-18.9%
531900 - Travel and Training	28,108	76,905	76,905	45,000	(31,905)	-41.5%
532000 - Mem & Subscriptions	15,138	9,525	9,525	7,000	(2,525)	-26.5%
532100 - Vehicle Maint	17,781	6,375	6,375	680	(5,695)	-89.3%
532110 - Veh Maint by Solid Waste	16,087	18,750	18,750	2,000	(16,750)	-89.3%
532300 - Postage	406	2,000	2,000	200	(1,800)	-90.0%
532850 - Building Maintenance	71,058	190,000	190,000	-	(190,000)	-100.0%
533000 - Other Services	7,650	-	-	-	-	0.0%
533020 - Contract Labor	130	-	-	-	-	0.0%

Expense Detail (continued)

Engineering Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services (continued)						
533300 - Maintenance Services	\$ 93	\$ 10,000	\$ 10,000	\$ -	\$ (10,000)	-100.0%
533900 - Permits, Ins, & Lic Fees	-	2,460	2,460	-	(2,460)	-100.0%
534000 - Uninsured losses	1,365	-	-	-	-	0.0%
Services Total	\$ 319,212	\$ 1,190,360	\$ 1,090,360	\$ 714,365	\$ (475,995)	-40.0%
Capital Outlay						
540300 - Vehicle Equipment	\$ 111,932	\$ 289,060	\$ 499,060	\$ -	\$ (289,060)	-100.0%
Capital Outlay Total	\$ 111,932	\$ 289,060	\$ 499,060	\$ -	\$ (289,060)	-100.0%
Grand Total	\$ 13,003,952	\$ 16,086,945	\$ 16,358,960	\$ 8,914,980	\$ (7,171,965)	-44.6%

Major FY24 Budget Items

The department's FY24 Proposed Budget has decreased by \$7,171,965 from the FY23 Original Budget. Major variances are explained below:

- Overall decrease because personnel and related expenses were moved to the new Construction Department and the CIP / Permitting department

Capital Improvement Planning (CIP) / Permitting Department

Overview

The CIP / Permitting Department includes the functions of CIP, Permitting, and implementing the District's Energy Program. The essential functions of each are as follows:

- The CIP function leads the planning and capital program portfolio development (identify, define and implement capital projects) to achieve the District's goals and priorities. Communicate and collaborate with Member Cities, Customers and other agencies to plan future needs. Lead the development and negotiation of agreements, contracts and permits with Member Cities and Customers.
- The Permitting function is responsible for the monitoring, development and submission of permits for the Water and Wastewater Systems. The department manages the Multi-sector and Construction Activity Stormwater Programs for the Wastewater and Water System including application submittal, pollution prevention plan development, site inspection, report submittal, training of staff and review of records. The department monitors state and federal standards and requirements; and develops studies to address the impacts to the systems. Permitting also pursues regionalization of wastewater services and protection of source water. It is responsible for the development of information to identify and pursue the next major water source.
- The Energy Program oversees the District's \$30 Million annual power budget. The program's goals are to maximize predictability, minimize volatility and achieve the best practical rates. The program's two core areas of focus are referred to as supply and demand. Supply side efforts involve working with District retail electric providers, municipalities and cooperatives to lock in rates and keep control over the prices we pay for electricity. Demand side efforts focus on internal operations, equipment, and so forth that reduce the amount of power the District needs to run its day to day operations.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Develop and implement new projects and improvements utilizing appropriate technologies and processes to enhance systems reliability, address regulatory requirements, address capacity needs, provide for the safety of workers and the public and address asset condition issues.
- Refine the CIP project nomination and validation process and maintain a well prioritized and implementable CIP for all systems.
- Develop new water supplies based on the roadmap laid out by the Long Range Water Supply Plan.
- Continue to develop plans to accommodate growth of Lower East Fork wastewater systems.
- Continuously monitor state and federal standards and requirements; and develop studies to ensure sound promotion of scientific standards and requirements in permits.
- Continue the permitting activities associated with Bois d'Arc Lake.
- Update and improve stormwater permitting.
- Monitor wastewater permits in the service area to pursue regionalization of services and protect source water of Lavon Lake and Trinity River.
- Develop information to identify and pursue the next major water source.
- Complete permits timely to assist the project timeline of new facilities to meet growth demands.
- Monitor and strategically address endangered and threatened species that may impact system resources.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Perform thorough business case analysis for developing the most cost effective alternatives of capital projects.
- Produce a Five-Year Plan based on best estimates for future planning.
- Improve coordination with Water, Wastewater, Engineering, CIP, Environmental Services and GIS to increase permitting efficiency.
- Develop and implement an information management system for data reports and inspections.
- Continuously monitor state and federal standards and requirements; and develop studies to ensure water resources are protected.

- Explore opportunities for regionalization of wastewater services.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Continue to work with Member Cities and Customers at appropriate levels to foster respect and sensitivity to mutual goals and issues.
- Actively engage cities through planning, engineering and utility management staff to effectively plan for changing capacity needs and to collaborate on unified efforts.
- Effectively communicate with the water system customers on contract renewals.
- Continue to collaborate with peer organizations on water supply and environmental initiatives.
- Collaborate with Member Cities and Customers for opportunities for regionalization of wastewater services.
- Provide permit support to operations and engineering with expansion and improvement projects.
- Collaborate with operations and engineering to help maintain stormwater compliance.

People: Build a talented, competent and committed team

- Continue to enhance the internal expertise on water and wastewater system modeling by providing targeted training and performing in-house modeling tasks.
- Provide project management and technical presentation opportunities for staff development.
- Continue to provide employee training and development opportunities to allow progression within the current career tracks
- Continue to provide safety training to prevent work-related injuries, illnesses and deaths

Major Budget Drivers

- Computer equipment and software needed to support timely communications, access to critical information, advanced water and wastewater system modeling and CIP management by the District's Planning staff
- Training and exposure for professional technical staff to maintain knowledge of current and best practices in the water, wastewater and solid waste industries
- Personnel salaries and benefits
- Development of raw water resources

Position Summary

CIP / Permitting			
Full-Time Positions	FY23	FY24	Difference
Assistant Deputy (CIP) *	0.1	1.0	0.9
Assistant Planning Program Manager *	-	1.0	1.0
Energy Program Manager *	-	1.0	1.0
Engineering Projects Coordinator *	-	1.0	1.0
Permit Coordinator	2.0	2.0	-
Permitting Manager	1.0	1.0	-
Planning Program Manager *	-	1.0	1.0
Professional Engineer *	-	3.0	3.0
Water Supply & Contracts Manager - 3rd Qtr	-	1.0	1.0
Total Full-Time Positions	3.1	12.0	8.9

* Positions were previously included in the Engineering department with the exception of one new request (Water Supply & Contracts Manager)

Expense Detail

CIP / Permitting	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 304,665	\$ 334,155	\$ 304,050	\$ 1,515,880	\$ 1,181,725	353.6%
512000 - Social Security	22,469	24,810	22,765	111,375	86,565	348.9%
513000 - Workers' Comp Ins	405	475	345	1,325	850	178.9%
513020 - Hospitalization Ins	36,251	42,600	42,600	149,360	106,760	250.6%
513040 - Dental Ins	1,646	1,935	1,500	8,910	6,975	360.5%
513060 - Life Ins	682	775	670	3,075	2,300	296.8%
513070 - LT Disability Ins	-	-	-	5,865	5,865	0.0%
514000 - Retirement	43,550	43,575	55,640	272,875	229,300	526.2%
514010 - Retiree - Insurance	13,985	14,245	17,830	84,685	70,440	494.5%
514020 - Comp Absences-vacation	2,030	1,955	1,955	41,865	39,910	2041.4%
514030 - Comp Absences-sick	-	18,680	18,680	64,220	45,540	243.8%
515000 - Cell Phone Stipend	1,324	1,490	1,410	5,280	3,790	254.4%
Personnel Total	\$ 427,006	\$ 484,695	\$ 467,445	\$ 2,264,715	\$ 1,780,020	367.2%
Supplies						
520100 - Office Supplies	\$ 3,035	\$ 3,600	\$ 3,600	\$ 1,100	\$ (2,500)	-69.4%
520110 - Computer Supplies	5,611	6,420	6,420	37,300	30,880	481.0%
520200 - Xerox Supplies	-	-	-	1,200	1,200	0.0%
520300 - Clothing Supplies	-	520	520	700	180	34.6%
520600 - Fuel, Oil and Lube	378	750	750	2,500	1,750	233.3%
520630 - Toll Fees	125	100	600	200	100	100.0%
520800 - Small Tools & Equip	-	-	-	10,000	10,000	0.0%
521110 - Safety Supplies	462	3,465	3,465	500	(2,965)	-85.6%
521700 - Building Supplies	413	950	950	100	(850)	-89.5%
521900 - Vehicle Supplies	248	200	200	650	450	225.0%
521910 - Tires and Tubes	1	350	350	-	(350)	-100.0%
Supplies Total	\$ 10,273	\$ 16,355	\$ 16,855	\$ 54,250	\$ 37,895	231.7%
Services						
530300 - Automotive Insurance	\$ 353	\$ 455	\$ 455	\$ 315	\$ (140)	-30.8%
531020 - Internet Service	3,585	3,300	3,300	3,300	-	0.0%
531300 - Engin/Consultant Svc	4,038	-	-	225,000	225,000	0.0%
531310 - Special Studies & Rpts	30,000	30,000	30,000	30,000	-	0.0%
531400 - Legal Service	-	115,000	111,500	30,000	(85,000)	-73.9%
531490 - Raw Water Development	842,871	800,000	800,000	800,000	-	0.0%
531700 - Advertising	7,262	-	-	-	-	0.0%
531800 - Rent or Lease Payment	-	-	-	4,400	4,400	0.0%
531900 - Travel and Training	1,572	13,100	13,100	52,000	38,900	296.9%
532000 - Mem & Subscriptions	728	1,740	1,740	3,100	1,360	78.2%
532100 - Vehicle Maint	8	-	-	200	200	0.0%
532110 - Veh Maint by Solid Waste	470	500	500	750	250	50.0%
532300 - Postage	242	500	500	300	(200)	-40.0%

Expense Detail (continued)

CIP / Permitting	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
533300 - Maintenance Services	\$ -	\$ -	\$ -	\$ 25,000	\$ 25,000	0.0%
533900 - Permits, Ins, & Lic Fees	-	-	3,000	-	-	0.0%
534000 - Uninsured losses	(61)	-	-	-	-	0.0%
Services Total	\$ 891,066	\$ 964,595	\$ 964,095	\$ 1,174,365	\$ 209,770	21.7%
Grand Total	\$ 1,328,345	\$ 1,465,645	\$ 1,449,350	\$ 3,493,330	\$ 2,027,685	138.3%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$2,027,685 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to 7.9 positions moving to this department from the Engineering department. In addition, a new Water Supply & Contract Manager position was added for FY24.
- Raw Water Development increased to conduct a Raw Water Optimization and Reliability Evaluation
- Overall increases to Supplies and Services due to the personnel move from Engineering department

Control Systems Department

Overview

The Control Systems Department manages and supports the real-time Supervisory Control and Data Acquisition (SCADA) system and other essential applications such as network connectivity. Control Systems also develops and maintains network and SCADA standards and ensures the proper application of the standards on all engineering and operations projects. The department acts as a support function to the Water, Wastewater and Solid Waste Services.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow.

- Continuously improve and expand SCADA system effectiveness.
- Work with Engineering to integrate SCADA Systems into new facilities.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Continue to monitor personnel needs to ensure that requests are based on capability needs and District growth. Outsource when practical.
- Establish District Standards program related to standardization of materials, software and equipment.
- Maintain SCADA cyber security posture.

People: Build a talented, competent and committed team

- Work with and support Training and Development Manager to establish and implement required industry related education strategy.

Major Budget Drivers

- Personnel
- Software Licensing
- Hardware Replacement

Position Summary

Control Systems Department		FY23	FY24	Difference
Full-Time Positions				
Assistant Deputy (Maintenance)		0.1	0.1	-
Control Systems Manager		1.0	1.0	-
Control Systems Senior Technician		5.0	5.0	-
Control Systems Supervisor		1.0	1.0	-
Control Systems Technician		1.0	1.0	-
Graduate Engineer		1.0	1.0	-
Total Full-Time Positions		9.1	9.1	-

Expense Detail

Control Systems Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 672,179	\$ 836,625	\$ 784,555	\$ 825,290	\$ (11,335)	-1.4%
511060 - Overtime	22,450	45,000	45,000	45,000	-	0.0%
512000 - Social Security	50,388	61,390	57,285	61,390	-	0.0%

Expense Detail (continued)

Control Systems Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel (continued)						
513000 - Workers' Comp Ins	\$ 922	\$ 1,190	\$ 885	\$ 530	\$ (660)	-55.5%
513020 - Hospitalization Ins	82,423	103,860	103,860	131,900	28,040	27.0%
513040 - Dental Ins	2,399	3,105	4,610	5,115	2,010	64.7%
513060 - Life Ins	1,570	1,975	1,770	1,715	(260)	-13.2%
513070 - LT Disability Ins	-	-	2,395	3,225	3,225	0.00%
514000 - Retirement	112,505	109,095	139,310	146,850	37,755	34.6%
514010 - Retiree - Insurance	36,125	35,665	44,640	45,575	9,910	27.8%
514020 - Comp Absences-vacation	1,485	16,635	16,635	12,295	(4,340)	-26.1%
514030 - Comp Absences-sick	6,150	1,470	1,470	1,070	(400)	-27.2%
515000 - Cell Phone Stipend	2,924	3,890	3,890	3,890	-	0.0%
Personnel Total	\$ 991,519	\$ 1,219,900	\$ 1,206,305	\$ 1,283,845	\$ 63,945	5.2%
Supplies						
520100 - Office Supplies	\$ 873	\$ 1,130	\$ 1,130	\$ 4,000	\$ 2,870	254.0%
520110 - Computer Supplies	405,184	530,000	284,465	500,000	(30,000)	-5.7%
520300 - Clothing Supplies	93	800	800	400	(400)	-50.0%
520600 - Fuel, Oil and Lube	10,765	4,000	4,000	8,000	4,000	100.0%
520630 - Toll Fees	3,464	4,000	4,000	5,000	1,000	25.0%
520800 - Small Tools & Equip	1,453	600	600	400	(200)	-33.3%
520820 - Expendable Supplies	-	350	350	200	(150)	-42.9%
521100 - Medical Supplies	-	200	200	200	-	0.0%
521110 - Safety Supplies	449	1,000	1,000	500	(500)	-50.0%
521900 - Vehicle Supplies	800	1,100	1,100	1,100	-	0.0%
521910 - Tires and Tubes	350	1,500	1,500	1,500	-	0.0%
Supplies Total	\$ 423,430	\$ 544,680	\$ 299,145	\$ 521,300	\$ (23,380)	-4.3%
Services						
530300 - Automotive Insurance	\$ 2,820	\$ 3,550	\$ 3,550	\$ 2,500	\$ (1,050)	-29.6%
531020 - Internet Service	3,736	4,320	4,320	4,600	280	6.5%
531300 - Engin/Consultant Svc	1,455	100,000	340,535	100,000	-	0.0%
531310 - Special Studies & Rpts	57,110	-	-	-	-	0.0%
531600 - Printing & Binding	-	130	130	130	-	0.0%
531700 - Advertising	-	-	-	600	600	0.0%
531800 - Rent or Lease Payment	(183)	1,500	6,500	8,000	6,500	433.3%
531900 - Travel and Training	13,657	20,500	20,500	18,000	(2,500)	-12.2%
532000 - Mem & Subscriptions	674	700	700	1,000	300	42.9%
532100 - Vehicle Maint	76	1,585	1,585	500	(1,085)	-68.5%
532110 - Veh Maint by Solid Waste	1,026	3,000	3,000	1,200	(1,800)	-60.0%
533020 - Contract Labor	4,048	15,000	15,000	15,000	-	0.0%
Services Total	\$ 84,419	\$ 150,285	\$ 395,820	\$ 151,530	\$ 1,245	0.8%
Grand Total	\$ 1,499,368	\$ 1,914,865	\$ 1,901,270	\$ 1,956,675	\$ 41,810	2.2%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$41,810 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due higher Wages, Insurance and Retirement costs
- Rent or Lease Payment increased as a result of reallocating printer lease payments from Computer Supplies
- Computer Supplies decreased due to reallocation of lease payments for printer and fewer supplies needed for FY24

Facilities Services Department

Overview

The Facilities Services Department includes trades that focus on the maintenance and repair of pipelines, valves, right of way corridors and corporate facilities. The department acts as a support function to the Water, Wastewater and Solid Waste Services. The department includes three areas of personnel to accomplish its mission:

- Pipeline and Easement Maintenance: Pipeline crews respond as needed to planned and unplanned repairs and maintenance of the District's water and wastewater pipelines and appurtenances. Valve crews work as needed and preventively in the routine inspection and repair of faulty air relief, blow-off and isolation valves. Conducts annual maintenance of the water treatment plant sedimentation basins. The group's heavy equipment operators perform a wide range of tasks across the District where various types of equipment or transport is required. Performs and coordinates with contractors in the annual cleaning and mowing of NTMWD pipeline easements and remote sites.
- Line Locators: Provide on call locating services for public and private interests performing work near the District's existing water and wastewater pipelines and appurtenances. Incorporates damage prevention measures by making daily routine inspections of pipeline sections to address potential issues or conflicts with work occurring without notification in proximity of the District's pipeline assets. Regularly assists and coordinates with the Engineering group in projects requiring locates of NTMWD pipelines or other utilities.
- Facility Support: Conducts scheduled and unscheduled activities related to the maintenance of the District's vertical assets and corporate campus. Facility maintenance technicians perform general paint, carpentry, plumbing and HVAC repairs. Personnel coordinate with and oversee contractors in larger scale projects when necessary. A custodial support team provides mail services and cleaning, including light maintenance of facilities.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Enhance system reliability and efficiency.
- Evaluate and implement outsourced maintenance options as warranted.
- Fully implement preventative maintenance programs for plants, facilities and equipment.
- Work to establish maintenance contracts with outside vendors as appropriate.
- Continue to support the Wastewater System CMOM plan.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Implement the five-year asset management roadmap.
- Support programs to enhance linear asset management systems and practices.
- Continue to monitor personnel needs to ensure that requests are based on capability needs and District growth. Outsource when practical.
- Establish District Standards program related to standardization of materials and equipment.

People: Build a talented, competent and committed team

- Establish and implement required industry related education strategy.
- Continue to work with and support the District's Health & Safety Manager to establish and apply sound industry driven safety standards.

Major Budget Drivers

- Personnel
- Vehicle and Equipment Replacements
- Training in support of Strategic Initiative 4.2.2

Position Summary

Facilities Services Department	FY23	FY24	Difference
Full-Time Positions			
Administrative Technician	1.0	1.0	-
Asset Risk Manager - Maintenance	0.5	0.5	-
Assistant Deputy (Maintenance)	0.5	0.5	-
Assistant Maintenance Manager - Electrical Systems *	0.5	0.5	-
Assistant Maintenance Manager - Pipeline *	0.5	1.0	0.5
Custodial Crewleader	1.0	1.0	-
Custodian	3.0	3.0	-
Facilities Services Manager	1.0	-	(1.0)
Facility Maintenance Crewleader	1.0	1.0	-
Heavy Equipment Operator	6.0	6.0	-
Lead Line Locator	1.0	1.0	-
Lead Maintenance Worker - Facility Maintenance	2.0	2.0	-
Lead Maintenance Worker - Pipeline	7.0	7.0	-
Light Equipment Operator	1.0	1.0	-
Line Locator	4.0	4.0	-
Maintenance Manager	0.5	0.5	-
Maintenance Planner and Scheduler	-	1.0	1.0
Maintenance Superintendent - Facility Maintenance *	1.0	1.0	-
Maintenance Superintendent - Pipeline *	1.0	1.0	-
Maintenance Valve Crew Supervisor	1.0	1.0	-
Maintenance Worker - Facility Maintenance	6.0	6.0	-
Maintenance Worker - Pipeline	20.0	20.0	-
Pipeline Crewleader	2.0	2.0	-
Right of Way Maintenance Coordinator *	1.0	1.0	-
Total Full-Time Positions	62.5	63.0	0.5

* Title change per FY23 Facilities Services Reorganization

Expense Detail

Facilities Services Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 3,328,993	\$ 3,799,090	\$ 3,623,870	\$ 3,905,115	\$ 106,025	2.8%
511060 - Overtime	611,171	465,000	465,000	492,000	27,000	5.8%
512000 - Social Security	285,187	290,630	297,190	298,735	8,105	2.8%
513000 - Workers' Comp Ins	82,649	87,345	74,300	49,700	(37,645)	-43.1%
513020 - Hospitalization Ins	838,513	937,915	937,915	1,028,255	90,340	9.6%
513040 - Dental Ins	38,542	43,050	42,325	44,540	1,490	3.5%
513060 - Life Ins	8,236	9,475	8,540	8,485	(990)	-10.4%
513070 - LT Disability Ins	-	-	-	15,250	15,250	0.00%
514000 - Retirement	497,925	499,780	638,190	700,655	200,875	40.2%
514010 - Retiree - Insurance	159,890	163,375	204,500	217,450	54,075	33.1%
514020 - Comp Absences-vacation	25,130	35,440	35,440	46,405	10,965	30.9%
514030 - Comp Absences-sick	12,680	125,890	125,890	51,440	(74,450)	-59.1%
515000 - Cell Phone Stipend	25,838	29,975	29,140	30,215	240	0.8%
Personnel Total	\$ 5,914,754	\$ 6,486,965	\$ 6,482,300	\$ 6,888,245	\$ 401,280	6.2%

Expense Detail (continued)

Facilities Services Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies						
520100 - Office Supplies	\$ 7,013	\$ 4,750	\$ 4,750	\$ 4,750	-	0.0%
520110 - Computer Supplies	25,124	33,305	33,305	33,305	-	0.0%
520200 - Xerox Supplies	775	5,750	5,750	5,750	-	0.0%
520300 - Clothing Supplies	42,939	34,000	34,000	37,000	3,000	8.8%
520600 - Fuel, Oil and Lube	234,929	226,000	226,000	226,000	-	0.0%
520610 - Generator Fuel	4,121	-	-	-	-	0.0%
520630 - Toll Fees	10,081	13,100	13,100	13,100	-	0.0%
520700 - Machine Oil & Lube	6,706	5,885	5,885	5,885	-	0.0%
520800 - Small Tools & Equip	93,081	54,500	54,500	69,500	15,000	27.5%
520810 - Fire Extinguishers	-	800	800	800	-	0.0%
520820 - Expendable Supplies	53,306	16,500	34,500	24,500	8,000	48.5%
520900 - Janitorial Supplies	16,527	26,650	26,650	26,650	-	0.0%
521100 - Medical Supplies	2,417	1,330	1,735	1,330	-	0.0%
521110 - Safety Supplies	67,143	84,000	84,000	84,000	-	0.0%
521200 - Chem - Other	16,817	20,495	20,495	20,495	-	0.0%
521300 - Botanical Supplies	18,143	15,300	15,300	15,300	-	0.0%
521400 - Electrical Supplies	143,586	64,200	123,835	94,200	30,000	46.7%
521500 - Mechanical Supplies	14,924	63,990	63,990	63,990	-	0.0%
521600 - Pipeline Supplies	972,052	610,000	1,180,695	610,000	-	0.0%
521610 - Meter Supplies	95,364	85,800	87,710	85,800	-	0.0%
521700 - Building Supplies	11,454	30,000	30,000	53,000	23,000	76.7%
521900 - Vehicle Supplies	49,697	35,900	39,825	39,900	4,000	11.1%
521910 - Tires and Tubes	34,671	25,500	25,500	29,500	4,000	15.7%
522000 - Equipment Supplies	56,149	69,200	75,570	69,200	-	0.0%
523000 - Other Supplies	52	-	-	-	-	0.0%
Supplies Total	\$ 1,977,074	\$ 1,526,955	\$ 2,187,895	\$ 1,613,955	\$ 87,000	5.7%
Services						
530300 - Automotive Insurance	\$ 63,922	\$ 81,890	\$ 81,890	\$ 88,490	\$ 6,600	8.1%
530400 - Fire & Exten Cov Ins	58,584	81,320	51,765	105,300	23,980	29.5%
531000 - Telephone	216	1,200	1,200	1,200	-	0.0%
531020 - Internet Service	17,654	21,120	21,120	21,120	-	0.0%
531100 - Electric Power	(380)	-	-	-	-	0.0%
531110 - Nat Gas, Butane & Kero	1,830	2,800	2,800	2,800	-	0.0%
531310 - Special Studies & Rpts	75,878	-	-	-	-	0.0%
531700 - Advertising	1,311	500	1,365	1,500	1,000	200.0%
531800 - Rent or Lease Payment	137,078	59,000	59,000	74,000	15,000	25.4%
531900 - Travel and Training	58,751	14,420	49,420	24,420	10,000	69.3%
532000 - Mem & Subscriptions	702	450	450	450	-	0.0%
532100 - Vehicle Maint	28,522	22,585	22,585	26,785	4,200	18.6%
532110 - Veh Maint by Solid Waste	29,546	21,250	21,250	24,250	3,000	14.1%

Expense Detail (continued)

Facilities Services Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services (continued)						
532200 - Equipment Maintenance	\$ 587,348	\$ 925,380	\$ 1,522,620	\$ 700,380	\$ (225,000)	-24.3%
532210 - Special Maintenance	117,947	100,000	100,000	100,000	-	0.0%
532220 - Pipeline Maintenance	638,392	750,000	750,000	750,000	-	0.0%
532300 - Postage	27	250	250	250	-	0.0%
532800 - Grounds Maintenance	99,468	119,700	213,480	119,700	-	0.0%
532850 - Building Maintenance	96,153	100,000	110,380	361,400	261,400	261.4%
532900 - Electrical Sys Maint	-	-	-	225,000	225,000	0.0%
533000 - Other Services	49,211	2,100	47,820	2,100	-	0.0%
533020 - Contract Labor	-	30,000	30,000	30,000	-	0.0%
533030 - Contractual Safety Serv	-	-	895	-	-	0.0%
533900 - Permits, Ins, & Lic Fees	3,709	3,200	3,685	3,200	-	0.0%
534000 - Uninsured losses	10,500	-	-	-	-	0.0%
Services Total	\$ 2,076,365	\$ 2,337,165	\$ 3,091,975	\$ 2,662,345	\$ 325,180	13.9%
Capital Outlay						
540200 - Building	\$ 28,125	\$ -	\$ -	\$ -	\$ -	0.0%
540300 - Vehicle Equipment	489,225	160,000	485,300	-	(160,000)	-100.0%
540400 - Office Equipment	5,913	-	-	-	-	0.0%
540500 - Machinery	22,540	-	9,625	-	-	0.0%
540700 - Non-Vehicle Equipment	1,151,961	20,000	598,400	-	(20,000)	-100.0%
Capital Outlay Total	\$ 1,697,763	\$ 180,000	\$ 1,093,325	\$ -	\$ (180,000)	-100.0%
Grand Total	\$ 11,665,956	\$ 10,531,085	\$ 12,866,640	\$ 11,164,545	\$ 633,460	6.0%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$633,460 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Retirement and Insurance costs
- Supplies & Services adjusted to 5 year average spend unless otherwise noted
- Building Maintenance increased as a result of moving to a centralized maintenance program for the Admin, Engineering and Lab buildings
- Electrical System Maintenance is a new GL Account for FY24 as a result of reallocating funds and work orders from Equipment Maintenance
- Equipment Maintenance decreased due to the reallocating funds to Electrical System Maintenance
- Vehicle Equipment decreased for FY24 due to fewer vehicle replacements or new purchases

Technical Services Department

Overview

The Technical Services Department includes trades that focus on the maintenance and repair of the electrical, mechanical and instrumentation appurtenances, as well as the functionality for all billing meters. The department includes four areas of personnel to accomplish its mission:

- Electrical: The primary function of the electrical department is to install, maintain, test, troubleshoot and repair industrial electrical equipment and associated electrical and electronic controls. The department provides support to the daily operations of the District by performing routine inspections of electrical equipment. The department coordinates preventative maintenance (PM) schedules on the entire electrical system within the District, which includes PM for the electrical switchgear, power substations and HVAC systems.
- Instrumentation: The instrumentation department's primary function is to install, maintain, troubleshoot and repair electronic controls, automation systems and associated software systems. The department supports the District's daily operations by performing routine inspections of electronic equipment and testing faulty equipment to diagnose malfunctions. The department is responsible for ensuring the accuracy of the billing meters by performing meter calibrations and verifications utilizing certified measurement equipment. It also maintains the radio transmission system that provides the framework for the SCADA system.
- Mechanical: The mechanical department installs, maintains, tests, troubleshoots and repairs industrial machinery and mechanical equipment. The department provides support to the daily operations of the District by performing routine inspections of pumps, motors, pneumatic equipment and piping systems. The department coordinates PM schedules on air compressors, blowers, pumps and motors within the District to ensure maximum pumping capacity is available. They also manage the welders, warehouse operations and crane operators. The welders assist the pipeline maintenance group during pipeline repairs. They also fabricate and make repairs to a variety of structural appurtenances. The crane operators work hand and hand with the mechanics to provide lifting operations in a wide variety of applications. Warehouse operations include shipping and receiving a large assortment of repair parts and equipment, as well as, maintaining an accurate inventory of items that are available on demand for necessary repairs.
- Ozone: Ozone maintenance includes specially trained technicians to cover mechanical, electrical and instrumentation issues related to the ozonation system. Additionally, they provide maintenance support to ensure continuous operations of the Wylie Plant by conducting routine plant maintenance and assistance with chemical delivery system maintenance.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Enhance system reliability and efficiency.
- Evaluate and implement outsourced maintenance options as warranted.
- Continuously improve and expand preventative and predictive maintenance program strategies.
- Fully implement preventative maintenance programs for plants, facilities and equipment.
- Work to establish maintenance contracts with outside vendors as appropriate.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Implement the five-year asset management roadmap.
- Continue to monitor personnel needs to ensure that requests are based on capability needs and District growth. Outsource when practical.
- Establish District Standards program related to standardization of materials and equipment.

People: Build a talented, competent and committed team

- Establish and implement required industry related education strategy.
- Establish and apply sound industry driven safety standards.

Major Budget Drivers

- Personnel
- Training in support of Strategic Initiative 4.2.2
- Vehicle & Equipment Replacements

Position Summary

Technical Services Department			
Full-Time Positions	FY23	FY24	Difference
Administrative Technician	1.0	1.0	-
Asset Risk Manager - Maintenance	0.5	0.5	-
Assistant Deputy (Maintenance)	0.5	0.5	-
Assistant Electrical Superintendent	1.0	1.0	-
Assistant Instrumentation Superintendent	1.0	1.0	-
Assistant Maintenance Manager - Pipeline *	0.5	-	(0.5)
Assistant Maintenance Manager - Electrical Systems *	0.5	0.5	-
Assistant Maintenance Manager - Technical Services *	1.0	1.0	-
Assistant Mechanical Superintendent	1.0	1.0	-
Electrical Superintendent	1.0	1.0	-
Electrical Technician	1.0	1.0	-
Industrial Electrician	18.0	19.0	1.0
Industrial Electrician II	4.0	4.0	-
Industrial Mechanic	19.0	18.0	(1.0)
Instrumentation Superintendent	1.0	1.0	-
Instrumentation Technician	15.0	15.0	-
Instrumentation Technician II	2.0	2.0	-
Lead Technical Services Mechanic	6.0	6.0	-
Lead Welder	1.0	1.0	-
Maintenance Dispatcher	2.0	4.0	2.0
Maintenance Manager	0.5	0.5	-
Maintenance Planner Scheduler	1.0	1.0	-
Maintenance Shop Assistant	11.0	11.0	-
Maintenance Superintendent	2.0	2.0	-
Mechanical Superintendent	1.0	1.0	-
Technical Services Crane Operator	2.0	2.0	-
Technical Services Maintenance Supervisor	4.0	4.0	-
Warehouse Foreman	1.0	1.0	-
Welder	5.0	5.0	-
Total Full-Time Positions	104.5	106	1.5

* Title change per FY23 Facilities Services Reorganization

Expense Detail

Technical Services Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 6,112,501	\$ 7,440,510	\$ 6,892,500	\$ 7,465,950	\$ 25,440	0.3%
511060 - Overtime	693,852	648,000	648,000	648,000	-	0.0%
512000 - Social Security	501,477	569,200	546,440	571,155	1,955	0.3%
513000 - Workers' Comp Ins	140,709	164,265	133,230	104,375	(59,890)	-36.5%
513020 - Hospitalization Ins	1,395,922	1,703,700	1,703,700	1,878,985	175,285	10.3%
513040 - Dental Ins	66,848	80,355	75,470	77,655	(2,700)	-3.4%
513060 - Life Ins	14,728	18,155	16,040	16,045	(2,110)	-11.6%
513070 - LT Disability Ins	-	-	-	29,110	29,110	0.00%
514000 - Retirement	969,125	976,900	1,247,445	1,351,680	374,780	38.4%
514010 - Retiree - Insurance	311,195	319,345	399,725	419,500	100,155	31.4%
514020 - Comp Absences-vacation	108,445	75,295	75,295	72,385	(2,910)	-3.9%
514030 - Comp Absences-sick	59,585	76,770	76,770	77,000	230	0.3%
515000 - Cell Phone Stipend	39,198	49,655	45,620	48,935	(720)	-1.5%
Personnel Total	\$ 10,413,584	\$ 12,122,150	\$ 11,860,235	\$ 12,760,775	\$ 638,625	5.3%
Supplies						
520100 - Office Supplies	\$ 13,846	\$ 5,500	\$ 9,500	\$ 6,500	\$ 1,000	18.2%
520110 - Computer Supplies	77,132	95,775	31,775	101,625	5,850	6.1%
520200 - Xerox Supplies	7,254	7,500	7,500	7,500	-	0.0%
520300 - Clothing Supplies	70,060	60,000	60,000	60,000	-	0.0%
520600 - Fuel, Oil and Lube	250,077	193,500	193,500	193,500	-	0.0%
520630 - Toll Fees	8,174	8,800	8,800	8,800	-	0.0%
520700 - Machine Oil & Lube	1,145	1,975	1,975	1,975	-	0.0%
520800 - Small Tools & Equip	212,076	104,780	108,085	104,780	-	0.0%
520810 - Fire Extinguishers	141	1,200	1,200	1,200	-	0.0%
520820 - Expendable Supplies	52,394	43,600	33,600	43,600	-	0.0%
521100 - Medical Supplies	776	1,500	1,500	1,500	-	0.0%
521110 - Safety Supplies	136,524	123,000	83,000	123,000	-	0.0%
521400 - Electrical Supplies	152,687	60,000	115,000	75,000	15,000	25.0%
521500 - Mechanical Supplies	6,560	5,000	10,000	7,000	2,000	40.0%
521610 - Meter Supplies	5,964	-	-	-	-	0.0%
521700 - Building Supplies	20,380	27,500	27,500	27,500	-	0.0%
521900 - Vehicle Supplies	40,140	35,000	30,000	35,000	-	0.0%
521910 - Tires and Tubes	23,497	16,700	16,700	17,700	1,000	6.0%
522000 - Equipment Supplies	8,657	11,500	11,500	11,500	-	0.0%
522100 - Welding Supplies	18,572	25,000	20,000	25,000	-	0.0%
Supplies Total	\$ 1,106,057	\$ 827,830	\$ 771,135	\$ 852,680	\$ 24,850	3.0%

Expense Detail (continued)

Technical Services Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services						
530300 - Automotive Insurance	\$ 75,472	\$ 96,400	\$ 96,400	\$ 74,475	\$ (21,925)	-22.7%
530400 - Fire & Exten Cov Ins	7,499	10,410	8,130	-	(10,410)	-100.0%
531000 - Telephone	5,933	4,800	6,000	5,500	700	14.6%
531020 - Internet Service	49,655	29,800	29,800	35,000	5,200	17.4%
531100 - Electric Power	99	15,000	15,000	15,000	-	0.0%
531110 - Nat Gas, Butane & Kero	4,075	3,000	3,000	3,000	-	0.0%
531120 - Retail Water Service	-	3,000	3,000	3,000	-	0.0%
531400 - Legal Service	348	-	-	-	-	0.0%
531700 - Advertising	1,691	500	1,000	1,000	500	100.0%
531800 - Rent or Lease Payment	16,282	20,000	20,000	20,000	-	0.0%
531900 - Travel and Training	109,946	42,500	42,500	60,650	18,150	42.7%
532000 - Mem & Subscriptions	1,989	640	640	640	-	0.0%
532100 - Vehicle Maint	25,304	20,055	26,055	23,055	3,000	15.0%
532110 - Veh Maint by Solid Waste	18,667	20,000	20,000	20,000	-	0.0%
532200 - Equipment Maintenance	35,068	153,500	58,500	100,000	(53,500)	-34.9%
532300 - Postage	(10)	200	200	200	-	0.0%
532850 - Building Maintenance	85,824	27,500	174,500	36,500	9,000	32.7%
532900 - Electrical Sys Maint	-	-	-	53,500	53,500	0.0%
533030 - Contractual Safety Serv	-	5,000	2,000	5,000	-	0.0%
533900 - Permits, Ins, & Lic Fees	125	-	-	-	-	0.0%
534000 - Uninsured losses	6,422	-	-	-	-	0.0%
Services Total	\$ 444,388	\$ 452,305	\$ 506,725	\$ 456,520	\$ 4,215	0.9%
Capital Outlay						
540300 - Vehicle Equipment	\$ 402,041	\$ 256,000	\$ 1,178,340	\$ -	\$ (256,000)	-100.0%
540700 - Non-Vehicle Equipment	152,262	120,000	176,055	-	(120,000)	-100.0%
Capital Outlay Total	\$ 554,303	\$ 376,000	\$ 1,354,395	\$ -	\$ (376,000)	-100.0%
Grand Total	\$12,518,332	\$13,778,285	\$14,513,790	\$14,069,975	\$ 291,690	2.1%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$291,690 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs, as well as the addition of 2 new Maintenance Dispatchers
- Supplies & Services adjusted to 5 year average spend unless otherwise noted
- Vehicle and Non-Vehicle Equipment decreased due to a lower need for replacement vehicles in FY24

Human Resources Department

Overview

The Human Resources (HR) Department is responsible for providing overall policy direction ensuring legally sound and effective management practices. The department is also responsible for all personnel activities including recruitment, on-boarding, retention, negotiations for and administration of the employee benefit programs (insurance – health, dental, vision, life, short term disability and workers' compensation), staff development and training, corrective action and legal compliance.

FY2024 Department Objectives (Supporting Strategic Goals)

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Support and develop 5-year personnel projections.
- Foster and develop interpersonal relationships amongst employees.
- Collaborate with other entities to develop best management practices in the field of HR.

People: Build a talented, competent and committed team

- Attract and retain a highly qualified workforce through enhanced recruitment and competitive compensation.
- Establish and implement a comprehensive employee training and development program.
- Develop seasonal employment and internship opportunities.
- Promote wellness to encourage a healthy and productive workforce.
- Develop a robust employee recognition program.
- Evaluate the District's career progress and grade structure.
- Advance continuous improvement of Personnel Performance Evaluation.

Major Budget Drivers

- Personnel
- Training and Development
- Employee Programs

Position Summary

Human Resources Department			
Full-Time Positions	FY23	FY24	Difference
Assistant Deputy (Human Resources)	1.0	1.0	-
Benefits Specialist *	1.0	-	(1.0)
Compensation & HRIS Analyst	-	1.0	1.0
Human Resources Generalist	2.0	2.0	-
Human Resources Manager	2.0	2.0	-
Human Resources Specialist *	2.0	1.0	(1.0)
Human Resources Trainer	1.0	-	(1.0)
Receptionist	1.0	1.0	-
Talent Acquisition Specialist	-	1.0	1.0
Training & Development Manager	1.0	1.0	-
Wellness and Benefits Administrator *	1.0	-	(1.0)
Total Full-Time Positions	12.0	10.0	(2.0)

* These positions have been moved to the HR Benefits department beginning in FY24

Expense Detail

Human Resources Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 788,343	\$ 1,212,985	\$ 1,101,530	\$ 1,053,485	\$ (159,500)	-13.1%
511060 - Overtime	7,390	10,000	30,000	20,000	10,000	100.0%
512000 - Social Security	58,614	87,355	83,370	77,170	(10,185)	-11.7%
513000 - Workers' Comp Ins	1,044	1,720	1,240	680	(1,040)	-60.5%
513010 - Unemployment Ins	3,505	-	-	-	-	0.0%
513020 - Hospitalization Ins	141,337	174,695	174,695	136,060	(38,635)	-22.1%
513040 - Dental Ins	6,607	8,325	7,425	6,105	(2,220)	-26.7%
513060 - Life Ins	1,884	2,840	2,400	2,190	(650)	-22.9%
513070 - LT Disability Ins	-	-	3,420	4,135	4,135	0.00%
514000 - Retirement	126,430	137,635	175,755	188,820	51,185	37.2%
514010 - Retiree - Insurance	40,600	44,995	56,320	58,600	13,605	30.2%
514020 - Comp Absences-vacation	29,150	7,190	7,190	-	(7,190)	-100.0%
514030 - Comp Absences-sick	-	-	-	2,905	2,905	0.0%
515000 - Cell Phone Stipend	1,880	2,880	2,440	2,880	-	0.0%
Personnel Total	\$ 1,206,784	\$ 1,690,620	\$ 1,645,785	\$ 1,553,030	\$ (137,590)	-8.1%
Supplies						
520100 - Office Supplies	\$ 4,566	\$ 8,445	\$ 3,945	\$ 6,300	\$ (2,145)	-25.4%
520110 - Computer Supplies	9,713	131,560	156,095	429,230	297,670	226.3%
520200 - Xerox Supplies	209	-	-	-	-	0.0%
521910 - Tires and Tubes	2	-	-	-	-	0.0%
Supplies Total	\$ 14,491	\$ 140,005	\$ 160,040	\$ 435,530	\$ 295,525	211.1%
Services						
531020 - Internet Service	\$ 2,109	\$ 3,300	\$ 3,300	\$ 2,640	\$ (660)	-20.0%
531300 - Engin/Consultant Svc	-	80,000	-	203,000	123,000	153.8%
531310 - Special Studies & Rpts	54,225	23,000	23,000	-	(23,000)	-100.0%
531400 - Legal Service	112,138	50,000	50,000	75,000	25,000	50.0%
531520 - Employee Programs	110,488	298,660	278,625	137,695	(160,965)	-53.9%
531600 - Printing & Binding	-	800	800	800	-	0.0%
531700 - Advertising	32,154	15,000	74,800	56,000	41,000	273.3%
531800 - Rent or Lease Payment	4,405	10,320	10,320	10,320	-	0.0%
531900 - Travel and Training	12,258	33,640	33,640	30,640	(3,000)	-8.9%
532000 - Mem & Subscriptions	1,780	2,670	2,670	4,535	1,865	69.9%
532300 - Postage	52	-	200	-	-	0.0%
533000 - Other Services	60,305	10,000	10,000	-	(10,000)	-100.0%
533920 - Regulatory Fees & Asses	5,950	5,500	5,500	-	(5,500)	-100.0%
Services Total	\$ 395,864	\$ 532,890	\$ 492,855	\$ 520,630	\$ (12,260)	-2.3%
Grand Total	\$ 1,617,139	\$ 2,363,515	\$ 2,298,680	\$ 2,509,190	\$ 145,675	6.2%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$145,675 from the FY23 Original Budget. Major variances are explained below:

- Personnel decreased overall due to the creation of the HR Benefits department and shifting 3 employees to that new department. The decrease is partially offset by the addition of 1 new employee and increases in retirement and insurance costs.
- Computer Supplies increased to accommodate moving DayForce fees from Accounting to HR. Previously the fees were split between the two departments.
- Engineering / Consultant Service is higher for the addition of a DayForce consultant
- Employee Programs decreased as some of the items have moved over to the HR Benefits department
- Advertising increased for job postings

Human Resources Benefits Department

Overview

The Human Resources Benefits Department (Benefits Department) is crucial in managing employee benefits and costs. It negotiates and administers benefit programs such as health, dental, vision, life, short-term disability, FMLA, and workers' compensation. The department works with insurance providers and consultants, conducts research on benefit trends, and manages enrollment and claims processes. It evaluates the effectiveness of service contracts with carriers, vendors and consultants and develops recommendations for renewals, or requests for proposals for new service contracts. Additionally, the department assists employees with benefit-related questions and concerns. By providing comprehensive and competitive benefit programs, while minimizing legal risks and maintaining compliance, the Benefits Department ensures that employees receive the best possible benefits.

FY2024 Department Objectives (Supporting Strategic Goals)

People: Build a talented, competent and committed team

- Create cost effective and competitive benefits plans for employees.
- Promote wellness programs & initiatives to encourage a healthy and productive workforce.

Major Budget Drivers

- Personnel
- Employee wellness program
- Benefits services

Position Summary

Human Resources Benefits Department			
Full-Time Positions	FY23	FY24	Difference
Benefits Specialist *	-	1.0	1.0
Human Resources Specialist *	-	1.0	1.0
Wellness and Benefits Administrator *	-	1.0	1.0
Total Full-Time Positions	-	3.0	3.0

* Positions were previously located in the Human Resources Department

Expense Detail

Human Resources Benefits	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ -	\$ -	\$ -	\$ 253,430	\$ 253,430	0.0%
511060 - Overtime	-	-	-	\$ 15,000	\$ 15,000	0.0%
512000 - Social Security	-	-	-	\$ 19,385	\$ 19,385	0.0%
513000 - Workers' Comp Ins	-	-	-	\$ 160	\$ 160	0.0%
513020 - Hospitalization Ins	-	-	-	\$ 58,170	\$ 58,170	0.0%
513040 - Dental Ins	-	-	-	\$ 2,070	\$ 2,070	0.0%
513060 - Life Ins	-	-	-	\$ 530	\$ 530	0.0%
513070 - LT Disability Ins	-	-	-	\$ 995	\$ 995	0.00%
514000 - Retirement	-	-	-	\$ 45,640	\$ 45,640	0.0%
514010 - Retiree - Insurance	-	-	-	\$ 14,165	\$ 14,165	0.0%
514020 - Comp Absences-vacation	-	-	-	\$ 21,545	\$ 21,545	0.0%
514030 - Comp Absences-sick	-	-	-	\$ 34,695	\$ 34,695	0.0%
515000 - Cell Phone Stipend	-	-	-	\$ 480	\$ 480	0.0%
Personnel Total	\$ -	\$ -	\$ -	\$ 466,265	\$ 466,265	0.0%
Supplies						
520110 - Computer Supplies	\$ -	\$ -	\$ -	\$ 630	\$ 630	0.0%
Supplies Total	\$ -	\$ -	\$ -	\$ 630	\$ 630	0.0%
Services						
531020 - Internet Service	\$ -	\$ -	\$ -	\$ 660	\$ 660	0.0%
531300 - Engin/Consultant Svc	-	-	-	\$ 120,000	\$ 120,000	0.0%
531310 - Special Studies & Rpts	-	-	-	\$ 23,800	\$ 23,800	0.0%
531400 - Legal Service	-	-	-	\$ 30,000	\$ 30,000	0.0%
531520 - Employee Programs	-	-	-	\$ 147,000	\$ 147,000	0.0%
531900 - Travel and Training	-	-	-	\$ 6,000	\$ 6,000	0.0%
532000 - Mem & Subscriptions	-	-	-	\$ 1,265	\$ 1,265	0.0%
533920 - Regulatory Fees & Asses	-	-	-	\$ 6,500	\$ 6,500	0.0%
Services Total	\$ -	\$ -	\$ -	\$ 335,225	\$ 335,225	0.0%
Grand Total	\$ -	\$ -	\$ -	\$ 802,120	\$ 802,120	0.0%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$802,120 from the FY23 Original Budget. Major variances are explained below:

- This department is new for FY24. Previously the employees and expenses were part of the HR department.

Records Department

Overview

The Records Department is responsible for managing the District's records in accordance with the Local Government Records Act, the Texas Public Information Act, and the requirements of the Texas State Library and Archives Commission (TSLAC). The department processes and fulfills open records requests; provides litigation support; and, oversees how District records are captured, managed, secured and retained in the District's enterprise content management (ECM) system. As part of the District's digital transformation journey, the Records Department develops electronic forms, digital business processes and workflows for other departments. These processes increase efficiencies, reduce paper, provide evidence of District compliance and support employee safety.

FY2024 Department Objectives (Supporting Strategic Goals)

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Administrate the District's ECM to provide employees quick and easy access to District records.
- Advance the digital transformation journey by digitizing District records to ensure availability and integrity while automating business processes to accelerate productivity and increase compliance and transparency. Part of automating business processes includes creating electronic forms that automatically route for approvals and store directly into a secure repository.
- Transition the managing of District records from permanent retention to complying with TSLAC records control schedules.
- Respond to Public Information Act (PIA) requests in a timely and transparent fashion (in accordance with Texas Government Code 552).
- Produce documents for litigation in a manner that is efficient for legal counsel.

People: Build a talented, competent and committed team

- Support District employees by providing training to effectively use the District's ECM as an information and data source to promote policy and regulatory compliance while assisting in making well-informed decisions.
- Inform employees about available digital solutions that can replace manual processes.
- Educate employees on the principles and procedures of record retention and how they are being instituted at the District.
- In accordance with AD35, develop and administrate the Records Liaison Officers program to promote competent records management across the District.
- Obtain and maintain training for all Records Department personnel to increase their competency in addressing the records management needs of the District.
- Participate in professional records and information management activities to foster relationships, collaborate with like entities and develop leadership skills while ascertaining ideas and strategies to implement at the District.

Major Budget Drivers

- Compliance with Texas Open Government Laws
- Transition from managing District records permanently to managing District records directed by a control schedule
- Personnel Support and Training
- Software, Licenses, Maintenance and Support

Position Summary

Records Department	FY23	FY24	Difference
Full-Time Positions			
Digital Process Designer	1.0	1.0	-
Records Manager	1.0	1.0	-
Records Technician	4.0	4.0	-
Total Full-Time Positions	6.0	6.0	-

Expense Detail

Records Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 412,865	\$ 475,710	\$ 466,885	\$ 493,210	\$ 17,500	3.7%
511060 - Overtime	16,564	22,000	20,700	22,000	-	0.0%
512000 - Social Security	31,549	36,395	36,060	37,730	1,335	3.7%
513000 - Workers' Comp Ins	561	675	530	320	(355)	-52.6%
513020 - Hospitalization Ins	92,190	100,570	100,570	114,215	13,645	13.6%
513040 - Dental Ins	4,045	4,430	3,985	4,100	(330)	-7.4%
513070 - LT Disability Ins	-	-	1,445	1,930	1,930	0.00%
513060 - Life Ins	1,049	1,150	1,075	1,035	(115)	-10.0%
514000 - Retirement	64,110	62,035	79,215	88,425	26,390	42.5%
514010 - Retiree - Insurance	20,590	20,280	25,385	27,445	7,165	35.3%
514020 - Comp Absences-vacation	-	5,665	5,665	-	(5,665)	-100.0%
515000 - Cell Phone Stipend	440	480	480	480	-	0.0%
Personnel Total	\$ 643,963	\$ 729,390	\$ 741,995	\$ 790,890	\$ 61,500	8.4%
Supplies						
520100 - Office Supplies	\$ 152	\$ 500	\$ 500	\$ 500	-	0.0%
520110 - Computer Supplies	106,642	107,430	121,030	110,450	3,020	2.8%
520600 - Fuel, Oil and Lube	353	200	200	-	(200)	-100.0%
520630 - Toll Fees	114	200	200	-	(200)	-100.0%
521900 - Vehicle Supplies	396	300	300	-	(300)	-100.0%
Supplies Total	\$ 107,658	\$ 108,630	\$ 122,230	\$ 110,950	\$ 2,320	2.1%
Services						
530300 - Automotive Insurance	\$ 497	\$ 645	\$ 645	\$ -	\$ (645)	-100.0%
531020 - Internet Service	457	660	660	1,460	800	121.2%
531700 - Advertising	158	-	-	-	-	0.0%
531800 - Rent or Lease Payment	11,505	23,120	23,120	23,120	-	0.0%
531900 - Travel and Training	4,910	7,320	6,570	13,725	6,405	87.5%
532000 - Mem & Subscriptions	1,920	620	1,370	620	-	0.0%
532100 - Vehicle Maint	8	-	-	-	-	0.0%
532110 - Veh Maint by Solid Waste	605	300	300	-	(300)	-100.0%
533000 - Other Services	10,184	-	-	-	-	0.0%
533020 - Contract Labor	46,721	52,670	40,370	56,655	3,985	7.6%
Services Total	\$ 76,964	\$ 85,335	\$ 73,035	\$ 95,580	\$ 10,245	12.0%
Grand Total	\$ 828,584	\$ 923,355	\$ 937,260	\$ 997,420	\$ 74,065	8.0%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$74,065 from the FY23 Original Budget. Major variances are explained below:

- Personnel is higher due to increased Wages, Insurance and Retirement costs
- Computer Supplies increased to cover additional software licenses including DocuSign and Laserfiche
- Travel and Training increased for additional conferences and the Records Liaison Officer (RLO) Program

Safety Department

Overview

The Health and Safety Department provides support across the District to identify hazards and develop recommendations focused on maintaining safe operations while mitigating potential hazards to meet state and federal regulatory requirements. The Department's business functions include Occupational Health and Industrial Hygiene Services, Safety, Fire Prevention Services, Integrated Security Systems Support, Emergency Preparedness and Emergency Operations Management Support, Hazardous Materials Assistance, Risk Management (insurance), and Education and Training to meet operational and regulatory requirements.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Comply With TCEQ Emergency Preparedness Requirements.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Develop and implement an integrated security system approach for District-wide facilities.
- Implement an Operational Risk Management Program.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Support relationships with Local Emergency Management Committees and local first responders to prepare for potential incident response requirements.
- Support relationships with the Texas Water Conservation Association Risk Management Fund to improve our employee return to work efforts.

People: Build a talented, competent and committed team

- Reduce safety incidents through employee and leadership engagement.
- Develop, promote and maintain a safety training program for all levels of the workforce.

Major Budget Drivers

- Personnel
- District Safety Program Development and Training to meet Regulatory Requirements
- District Emergency Preparedness Program Development and Training to meet Regulatory Requirements
- Contractor Support

Position Summary

Safety Department		FY23	FY24	Difference
Full-Time Positions				
Emergency Operations Specialist		1.00	1.00	-
Emergency Preparedness & Response Manager		1.00	1.00	-
Health & Safety Manager		1.00	1.00	-
Physical Security Specialist		1.00	1.00	-
Safety Administrator		1.00	1.00	-
Safety Specialist		3.00	3.00	-
Safety Training Specialist		1.00	1.00	-
Security Systems Coordinator		1.00	2.00	1.00
Total Full-Time Positions		10.00	11.00	1.00

Expense Detail

Safety Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 886,506	\$ 978,050	\$ 988,590	\$ 1,111,875	\$ 133,825	13.7%
511060 - Overtime	7,755	3,250	3,250	3,250	-	0.0%
512000 - Social Security	65,666	72,305	72,720	83,315	11,010	15.2%
513000 - Workers' Comp Ins	11,786	13,700	11,645	9,305	(4,395)	-32.1%
513020 - Hospitalization Ins	163,239	189,915	189,915	224,645	34,730	18.3%
513040 - Dental Ins	7,525	8,725	8,855	9,765	1,040	11.9%
513060 - Life Ins	1,978	2,295	2,105	2,310	15	0.7%
513070 - LT Disability Ins	-	-	2,995	4,330	4,330	0.0%
514000 - Retirement	121,360	127,540	162,860	198,585	71,045	55.7%
514010 - Retiree - Insurance	38,970	41,690	52,185	61,630	19,940	47.8%
514020 - Comp Absences-vacation	-	19,830	19,830	11,240	(8,590)	-43.3%
514030 - Comp Absences-sick	32,665	6,300	6,300	17,565	11,265	178.8%
515000 - Cell Phone Stipend	4,000	4,800	4,800	5,280	480	10.0%
Personnel Total	\$ 1,341,451	\$ 1,468,400	\$ 1,526,050	\$ 1,743,095	\$ 274,695	18.7%
Supplies						
520100 - Office Supplies	\$ 22,003	\$ 16,000	\$ 16,000	\$ 16,250	\$ 250	1.6%
520110 - Computer Supplies	49,299	71,300	71,300	65,300	(6,000)	-8.4%
520300 - Clothing Supplies	285	-	-	-	-	0.0%
520600 - Fuel, Oil and Lube	14,015	25,905	25,905	26,405	500	1.9%
520630 - Toll Fees	546	1,035	1,035	1,035	-	0.0%
520800 - Small Tools & Equip	89,039	58,300	67,050	64,400	6,100	10.5%
521110 - Safety Supplies	52,423	33,400	33,400	29,400	(4,000)	-12.0%
521900 - Vehicle Supplies	4,383	6,300	6,300	6,300	-	0.0%
521910 - Tires and Tubes	376	1,600	1,600	1,600	-	0.0%
Supplies Total	\$ 232,371	\$ 213,840	\$ 222,590	\$ 210,690	\$ (3,150)	-1.5%

Expense Detail (continued)

Safety Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services						
530300 - Automotive Insurance	\$ 6,019	\$ 6,865	\$ 6,865	\$ 8,950	\$ 2,085	30.4%
531020 - Internet Service	6,763	4,800	4,800	4,800	-	0.0%
531300 - Engin/Consultant Svc	239,633	750,000	750,000	465,000	(285,000)	-38.0%
531700 - Advertising	-	500	500	1,000	500	100.0%
531800 - Rent or Lease Payment	3,449	6,000	6,000	6,000	-	0.0%
531900 - Travel and Training	51,106	37,760	37,760	31,720	(6,040)	-16.0%
532000 - Mem & Subscriptions	2,123	5,295	5,295	5,295	-	0.0%
532100 - Vehicle Maint	683	4,000	4,000	4,000	-	0.0%
532110 - Veh Maint by Solid Waste	1,739	4,000	4,000	4,000	-	0.0%
532300 - Postage	320	-	-	-	-	0.0%
533000 - Other Services	-	40,000	40,000	5,460	(34,540)	-86.4%
533020 - Contract Labor	26,480	27,000	27,000	27,000	-	0.0%
533030 - Contractual Safety Serv	241,988	526,800	514,800	508,600	(18,200)	-3.5%
534000 - Uninsured losses	999	-	-	-	-	0.0%
534200 - Plant Security Services	-	-	-	180,000	180,000	0.0%
Services Total	\$ 581,300	\$ 1,413,020	\$ 1,401,020	\$ 1,251,825	\$ (161,195)	-11.4%
Capital Outlay						
540300 - Vehicle Equipment	\$ 484,761	\$ 114,900	\$ 232,130	- (\$ 114,900)	-	-100.0%
540700 - Non-Vehicle Equipment	7,269	35,750	141,780	- (35,750)	-	-100.0%
Capital Outlay Total	\$ 492,029	\$ 150,650	\$ 373,910	\$ - (\$ 150,650)	-	-100.0%
Grand Total	\$ 2,647,151	\$ 3,245,910	\$ 3,523,570	\$ 3,205,610	\$ (40,300)	-1.2%

Major FY24 Budget Items

The department's FY24 Proposed Budget has decreased by \$40,300 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs, as well as the addition of a new Security Systems Coordinator position
- Engineering/Consultant Service decreased due to a lower need in FY24
- No Vehicle or Non-Vehicle Equipment budgeted in FY24

Accounting Department

Overview

The Accounting Department key roles and responsibilities include accounts receivable, accounts payable, payroll, project accounting, accruals and journal entries, financial reporting in compliance with Generally Accepted Accounting Principles (GAAP) and maintaining financial controls. In addition, the department is responsible for management of all audits, implementation and maintenance of financial and payroll software, implementation of new Governmental Accounting Standards Board (GASB) standards, Internal Revenue Service (IRS) compliance and production of the Annual Comprehensive Financial Report.

FY2024 Department Objectives (Supporting Strategic Goals)

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Produce the Annual Comprehensive Financial Report as well as monthly financial statements to achieve financial clarity and transparency.
- Continue to obtain the Certificate of Achievement for Excellence in Financial Reporting from the Government Finance Officers Association (GFOA).
- Continue to look for new ways to create labor efficiencies through utilization of technology.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Provide accurate financial reports to both internal departments and Member Cities and Customers, stakeholders and banking institutions.
- Provide internal trainings to meet the needs of individual departments.
- Complete the bi-weekly payroll process in a timely manner to meet the needs of our employees.
- Maintain positive relationships with vendors and reporting agencies.

People: Build a talented, competent and committed team

- Provide opportunities to attend internal and external training in leadership, technology and compliance.

Major Budget Drivers

- Personnel
- Annual Audit Fees / Accounting and Payroll software

Position Summary

Accounting Department			
Full-Time Positions	FY23	FY24	Difference
Accounting Manager	1.0	1.0	-
Accounts Payable Supervisor	1.0	1.0	-
Accounts Payable Technician	3.0	3.0	-
Accounts Receivable Specialist	1.0	1.0	-
Assistant Accounting Manager	1.0	1.0	-
Assistant Deputy (Finance)	0.5	0.3	(0.2)
Capital Project & Fixed Asset Supervisor	1.0	1.0	-
Financial Reporting & Compliance Supervisor	1.0	1.0	-
Payroll Supervisor	1.0	1.0	-
Payroll Technician	2.0	2.0	-
Senior Accountant	2.0	3.0	1.0
Staff Accountant	2.0	2.0	-
Total Full-Time Positions	16.5	17.3	0.8

Expense Detail

Accounting Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 1,270,844	\$ 1,459,945	\$ 1,458,925	\$ 1,598,675	\$ 138,730	9.5%
511060 - Overtime	6,867	21,510	21,510	20,000	(1,510)	-7.0%
512000 - Social Security	92,935	110,180	107,970	121,330	11,150	10.1%
513000 - Workers' Comp Ins	1,702	2,075	1,630	1,030	(1,045)	-50.4%
513020 - Hospitalization Ins	257,565	297,275	297,275	323,115	25,840	8.7%
513040 - Dental Ins	13,377	14,975	13,705	14,215	(760)	-5.1%
513060 - Life Ins	3,011	3,465	3,240	3,330	(135)	-3.9%
513070 - LT Disability Ins	-	-	4,480	6,265	6,265	0.00%
514000 - Retirement	177,440	190,380	243,105	284,840	94,460	49.6%
514010 - Retiree - Insurance	56,980	62,235	77,900	88,400	26,165	42.0%
514020 - Comp Absences-vacation	9,125	5,895	5,895	28,105	22,210	376.8%
515000 - Cell Phone Stipend	1,100	1,200	1,200	1,125	(75)	-6.3%
Personnel Total	\$ 1,890,946	\$ 2,169,135	\$ 2,236,835	\$ 2,490,430	\$ 321,295	14.8%
Supplies						
520100 - Office Supplies	\$ 1,943	\$ 3,000	\$ 3,000	\$ 6,500	\$ 3,500	116.7%
520110 - Computer Supplies	300,853	329,275	329,275	68,025	(261,250)	-79.3%
520630 - Toll Fees	17,397	-	-	-	-	0.0%
Supplies Total	\$ 320,192	\$ 332,275	\$ 332,275	\$ 74,525	\$ (257,750)	-77.6%
Services						
530100 - Audit	\$ 136,621	\$ 128,500	\$ 128,500	\$ 141,250	\$ 12,750	9.9%
531020 - Internet Service	1,372	1,620	1,620	1,620	-	0.0%
531600 - Printing & Binding	1,430	1,800	1,800	1,800	-	0.0%
531800 - Rent or Lease Payment	8,919	14,560	14,560	10,560	(4,000)	-27.5%
531900 - Travel and Training	17,729	24,600	24,600	24,600	-	0.0%
532000 - Mem & Subscriptions	2,509	2,170	2,170	3,370	1,200	55.3%
532850 - Building Maintenance	599	-	-	-	-	0.0%
533920 - Regulatory Fees & Asses	35	35	35	35	-	0.0%
Services Total	\$ 169,214	\$ 173,285	\$ 173,285	\$ 183,235	\$ 9,950	5.7%
Grand Total	\$ 2,380,353	\$ 2,674,695	\$ 2,742,395	\$ 2,748,190	\$ 73,495	2.7%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$73,495 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to a new Senior Accountant position being added along with higher Wages, Insurance, Retirement and Comp Absences - Sick & Vacation costs
- Computer Supplies decreased as some fees for DayForce were shifted to the Human Resources department
- Audit Fees have increased driven by the annual and single audits

Finance Department

Overview

The Finance Department is responsible for the planning, development and maintenance of the annual budgets as well as preparing the longer term Strategic Financial Plans. The department manages all short and long-term financing for the District and performs post-issuance administrative functions. In addition, the department is responsible for all banking relationships, cash management, investment portfolio management and continuing disclosure compliance. The department maintains District Policy and procedures in the areas of continuing disclosures, debt management, fund balance and investments.

FY2024 Department Objectives (Supporting Strategic Goals)

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Continuously improve the annual budgeting process for clarity and more transparency.
- Meet quarterly with all departments on budget variance reviews.
- Develop short and long-term forecasts to identify risks and determine future resource needs.
- Continue the complete and accurate reporting of the District's finances, including producing monthly financial statements and focus on the development of policies and procedures.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Manage the banking relationships and work with consultants to capitalize on favorable market conditions to lower the cost of borrowing.

Major Budget Drivers

- Personnel

Position Summary

Finance Department	FY23	FY24	Difference
Full-Time Positions			
Administrative Assistant	1.0	1.0	-
Assistant Deputy (Finance)	0.5	0.3	(0.2)
Assistant Finance Manager	1.0	1.0	-
Finance Manager	1.0	1.0	-
Financial Analyst	5.0	5.0	-
Investment Coordinator	1.0	1.0	-
Treasury Supervisor *	1.0	1.0	-
Total Full-Time Positions	10.5	10.3	(0.2)

* Title change in FY24

Expense Detail

Finance Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 876,125	\$ 1,027,730	\$ 982,880	\$ 1,032,255	\$ 4,525	0.4%
511060 - Overtime	1,974	-	-	-	-	0.0%
512000 - Social Security	63,765	78,620	72,950	78,970	350	0.4%
513000 - Workers' Comp Ins	1,167	1,455	1,100	660	(795)	-54.6%
513020 - Hospitalization Ins	172,703	198,445	198,445	210,145	11,700	5.9%
513040 - Dental Ins	7,917	8,935	8,580	8,735	(200)	-2.2%
513060 - Life Ins	2,064	2,405	2,180	2,130	(275)	-11.4%
513070 - LT Disability Ins	-	-	3,030	4,045	4,045	0.00%
514000 - Retirement	132,245	134,020	171,135	182,850	48,830	36.4%
514010 - Retiree - Insurance	42,465	43,810	54,835	56,750	12,940	29.5%
514020 - Comp Absences-vacation	12,770	6,030	6,030	20,760	14,730	244.3%
515000 - Cell Phone Stipend	2,260	3,600	3,360	3,040	(560)	-15.6%
Personnel Total	\$ 1,315,455	\$ 1,505,050	\$ 1,504,525	\$ 1,600,340	\$ 95,290	6.3%
Supplies						
520100 - Office Supplies	\$ 8,259	\$ 15,000	\$ 15,000	\$ 12,000	\$ (3,000)	-20.0%
520110 - Computer Supplies	50,331	84,350	84,350	69,350	(15,000)	-17.8%
521100 - Medical Supplies	-	295	295	295	-	0.0%
521110 - Safety Supplies	-	300	300	300	-	0.0%
Supplies Total	\$ 58,589	\$ 99,945	\$ 99,945	\$ 81,945	\$ (18,000)	-18.0%
Services						
530900 - General Liability Ins	\$ 18,304	\$ 20,115	\$ 20,115	\$ 14,165	\$ (5,950)	-29.6%
531020 - Internet Service	867	2,400	2,400	2,400	-	0.0%
531300 - Engin/Consultant Svc	-	-	-	150,000	150,000	0.0%
531310 - Special Studies & Rpts	-	-	-	50,000	50,000	0.0%
531600 - Printing & Binding	5,447	8,000	8,000	8,000	-	0.0%
531700 - Advertising	405	-	-	-	-	0.0%
531800 - Rent or Lease Payment	1,838	1,625	1,625	1,625	-	0.0%
531900 - Travel and Training	5,118	21,100	21,100	18,900	(2,200)	-10.4%
532000 - Mem & Subscriptions	1,768	3,060	3,060	3,060	-	0.0%
532300 - Postage	390	1,900	1,900	1,900	-	0.0%
532400 - Office Equip Maint	-	250	250	250	-	0.0%
533020 - Contract Labor	127,601	100,000	150,000	-	(100,000)	-100.0%
Services Total	\$ 161,736	\$ 158,450	\$ 208,450	\$ 250,300	\$ 91,850	58.0%
Grand Total	\$ 1,535,780	\$ 1,763,445	\$ 1,812,920	\$ 1,932,585	\$ 169,140	9.6%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$169,140 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- Engineering/Consultant Services increased to cover the cost of a consultant to help define performance metrics for the organization and items shifting from Contract Labor
- Special Studies & Reports increased to allow for an updated allocation study for Shared Services

Procurement Department

Overview

The Procurement Department is responsible for acquiring goods, general and professional services and non-CIP construction by managing the solicitation process, developing strategic sourcing and negotiation plans and managing contract renewals to ensure compliance while minimizing risk to the District by securing certificates of insurance and bonds. In addition, the department maintains related policies and procedures. These procurement activities provide cost savings/avoidance opportunities and bring workflow efficiency to the District.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Support operational requirements by understanding business needs in order to buy products and services at the right price, from a reliable source, backed by a comprehensive specification to ensure proper quantities, delivery and expected outcome.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Identify the best value for organizational spend based upon cost, quality, risk and other factors through the procurement process.
- Serve as stewards of the District funds by ensuring compliance with internal policy, directives and industry best practices.
- Create savings opportunities by aggregating commodities, negotiating price when applicable and procuring goods and general services from a competitive vendor pool.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Serve as an internal support group that collaborates with departments to provide advice and direction for the development of procurement plans, while delivering a high level of customer service.
- Develop and maintain relationships with internal departments and vendors to assist in resolving contractual issues and as a resource to explain and interpret best practices.
- Create training opportunities to provide information to vendors on how they can do business with the District.

People: Build a talented, competent and committed team

- Build a team of credentialed procurement professionals with strong ethics and integrity.
- Create training plans for the Procurement team, internal departments and vendor community.

Major Budget Drivers

- Personnel and Training
- eProcurement Software
- Certificate of Insurance Tracking Software
- Legal Services

Position Summary

Procurement Department	FY23	FY24	Difference
Full-Time Positions			
Assistant Deputy (Finance)	-	0.3	0.3
Buyer I	-	1.0	1.0
Purchasing Agent	1.0	1.0	-
Procurement Manager	1.0	1.0	-
Procurement Supervisor	-	1.0	1.0
Senior Buyer	3.0	3.0	-
Total Full-Time Positions	5.0	7.3	2.3

Expense Detail

Procurement Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 442,687	\$ 508,735	\$ 498,160	\$ 747,385	\$ 238,650	46.9%
512000 - Social Security	33,759	37,575	37,440	56,425	18,850	50.2%
513000 - Workers' Comp Ins	584	720	565	480	(240)	-33.3%
513020 - Hospitalization Ins	58,394	67,275	67,275	85,140	17,865	26.6%
513040 - Dental Ins	3,036	3,415	2,825	3,475	60	1.8%
513060 - Life Ins	1,038	1,190	1,120	1,595	405	34.0%
513070 - LT Disability Ins	-	-	1,540	2,945	2,945	0.00%
514000 - Retirement	65,510	66,340	84,710	136,895	70,555	106.4%
514010 - Retiree - Insurance	21,040	21,685	27,145	42,485	20,800	95.9%
514020 - Comp Absences-vacation	4,450	3,995	3,995	14,770	10,775	269.7%
515000 - Cell Phone Stipend	2,080	2,400	2,400	3,520	1,120	46.7%
Personnel Total	\$ 632,578	\$ 713,330	\$ 727,175	\$ 1,095,115	\$ 381,785	53.5%
Supplies						
520100 - Office Supplies	\$ 1,019	\$ 5,995	\$ 5,995	\$ 5,995	\$ -	0.0%
520110 - Computer Supplies	32,906	35,375	35,375	64,435	29,060	82.1%
520630 - Toll Fees	-	200	200	200	-	0.0%
521900 - Vehicle Supplies	-	175	175	175	-	0.0%
Supplies Total	\$ 33,925	\$ 41,745	\$ 41,745	\$ 70,805	\$ 29,060	69.6%
Services						
531020 - Internet Service	\$ 457	\$ 540	\$ 540	\$ 540	\$ -	0.0%
531310 - Special Studies & Rpts	-	-	49,280	-	-	0.0%
531400 - Legal Service	11,087	30,000	30,000	10,000	(20,000)	-66.7%
531600 - Printing & Binding	-	1,425	1,425	1,425	-	0.0%
531800 - Rent or Lease Payment	4,707	4,050	4,050	4,050	-	0.0%
531900 - Travel and Training	7,766	11,150	11,150	22,465	11,315	101.5%
532000 - Mem & Subscriptions	1,610	1,915	1,915	2,090	175	9.1%
532300 - Postage	57	1,900	1,900	1,900	-	0.0%
532400 - Office Equip Maint	-	250	250	250	-	0.0%
533020 - Contract Labor	3,200	14,000	14,000	14,000	-	0.0%
Services Total	\$ 28,883	\$ 65,230	\$ 114,510	\$ 56,720	\$ (8,510)	-13.0%
Grand Total	\$ 695,386	\$ 820,305	\$ 883,430	\$ 1,222,640	\$ 402,335	49.0%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$402,335 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to two new positions as well as higher Wages, Insurance and Retirement costs
- Computer Supplies increased for certificate of insurance tracking software
- Legal Service decreased due to having a General Counsel on staff and less reliance on outside legal
- Travel & Training is higher to allow for the new employees to attend several trainings

Information Technology

Overview

The Information Technology (IT) Department provides technology services and support for all divisions and departments within NTMWD. It includes two divisions: Information Systems (IS) and IT Business Support. The IS team enables efficient asset and maintenance management functions. It promotes information sharing through communication and collaboration by providing support and administration for software systems that achieve District goals. Services include access and management of the enterprise asset and work management system (Maximo), geographic information system (GIS), web-based collaborative platform (SharePoint), a range of reporting and business intelligence tools. Additionally, the IS department manages data analysis and mining, data visualization, interactive dashboards, process improvement, new technology solution evaluations and more. The IT Business Support team is responsible for customer support, planning, development Cloud solutions and maintenance of the network. This department is also delegated to managing infrastructure including servers, client systems, end user support, remote access, guest access, email and the recently upgraded unified communications system. The team also administers cyber security protections including endpoint security, spam control, malware, intrusion, impersonation, denial of service and phishing protection.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Continue the development of an enterprise-wide data sharing model for real time data analytics and informative dashboards.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Develop and maintain NTMWD information requirements teaming with departments to improve data integrity and productivity..
- Ensure integration between all systems including Maximo, GIS, SharePoint, Incode and other Data Mart source systems to substantially improve usability, reliability and access to asset, infrastructure, resource and other information utilized to make informed decisions.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Develop a policy for shared data across NTMWD disciplines and software systems to increase efficiencies and decrease duplicated work efforts.
- Provide technology solutions to ensure comprehensive and consistent internal communication of information and data.
- Educate employees to current events within the IT department including developments in the cyber security arena.
- Enable a culture of collaboration, provide guidance and training to teams using advanced communication technologies.
- Advocate for closer ties between disparate work groups and develop unified communications solutions to facilitate emergency communications.

People: Build a talented, competent and committed team

- Attract and retain a highly qualified IS team.
- Provide opportunities and incentives for team member training including certification programs to insure IT continues to perform at a higher level while staying current in professional and/or technical skills.
- Develop and maintain a team member recognition program to effectively communicate value and appreciation of effort and commitment.

Major Budget Drivers

- Personnel
- Contractor support for system maintenance, development & growth
- Equipment refreshment and network resources

Position Summary

Information Technology Department

Full-Time Positions	FY23	FY24	Difference
Administrative Technician	1.00	1.00	-
Assistant Deputy (Information Technology)	1.00	1.00	-
Cybersecurity Analyst	1.00	1.00	-
Enterprise Solutions Manager *	1.00	1.00	-
GIS Analyst *	2.00	2.00	-
GIS Supervisor *	1.00	1.00	-
Information Systems Analyst	1.00	1.00	-
Information Systems Assistant	2.00	2.00	-
Information Systems Senior Technician	1.00	1.00	-
Information Systems Technician	1.00	1.00	-
Information Technology Administrator	3.00	3.00	-
Information Technology Manager	1.00	1.00	-
Information Technology Technician	4.00	4.00	-
SharePoint Administrator	1.00	1.00	-
Technical Project Coordinator	1.00	1.00	-
Total Full-Time Positions	22.00	22.00	-

* Title change per FY23 IT Reorganization

Expense Detail

Information Technology Department

Expense Category	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 1,198,717	\$ 1,798,915	\$ 1,405,645	\$ 1,933,705	\$ 134,790	7.5%
511060 - Overtime	25,621	20,000	41,040	25,000	5,000	25.0%
512000 - Social Security	88,405	132,160	109,275	145,975	13,815	10.5%
513000 - Workers' Comp Ins	1,446	2,545	1,655	1,245	(1,300)	-51.1%
513020 - Hospitalization Ins	208,403	306,540	306,540	309,285	2,745	0.9%
513040 - Dental Ins	11,680	15,680	10,625	12,205	(3,475)	-22.2%
513060 - Life Ins	2,828	4,320	3,100	4,040	(280)	-6.5%
513070 - LT Disability Ins	-	-	-	7,560	7,560	0.0%
514000 - Retirement	205,100	240,090	306,580	330,270	90,180	37.6%
514010 - Retiree - Insurance	65,860	78,485	98,240	102,500	24,015	30.6%
514020 - Comp Absences-vacation	22,330	23,675	23,675	22,870	(805)	-3.4%
514030 - Comp Absences-sick	-	35,920	35,920	48,505	12,585	35.0%
515000 - Cell Phone Stipend	5,800	9,600	7,320	9,600	-	0.0%
Personnel Total	\$ 1,836,190	\$ 2,667,930	\$ 2,349,615	\$ 2,952,760	\$ 284,830	10.7%
Supplies						
520100 - Office Supplies	\$ 1,700	\$ 2,700	\$ 2,700	\$ 2,700	\$ -	0.0%
520110 - Computer Supplies	1,228,676	1,517,250	2,177,250	1,613,660	96,410	6.4%
520200 - Xerox Supplies	2,498	-	-	-	-	0.0%
520600 - Fuel, Oil and Lube	1,559	1,200	1,200	700	(500)	-41.7%

Expense Detail (continued)

Information Technology Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
520630 - Toll Fees	\$ 88	\$ -	\$ -	\$ -	\$ -	0.0%
520800 - Small Tools & Equip	1,537	1,600	3,000	1,000	(600)	-37.5%
521110 - Safety Supplies	392	1,435	880	4,590	3,155	219.9%
521900 - Vehicle Supplies	1,466	1,050	550	700	(350)	-33.3%
521910 - Tires and Tubes	327	400	-	400	-	0.0%
Supplies Total	\$ 1,238,242	\$ 1,525,635	\$ 2,185,580	\$ 1,623,750	\$ 98,115	6.4%
Services						
530300 - Automotive Insurance	\$ 2,300	\$ 2,960	\$ 2,960	\$ 635	\$ (2,325)	-78.5%
531000 - Telephone	2,272	54,000	54,000	65,000	11,000	20.4%
531020 - Internet Service	168,844	181,390	181,390	196,500	15,110	8.3%
531300 - Engin/Consultant Svc	24,743	-	176,650	-	-	0.0%
531310 - Special Studies & Rpts	68,500	-	5,500	-	-	0.0%
531600 - Printing & Binding	65	145	145	360	215	148.3%
531700 - Advertising	414	700	700	690	(10)	-1.4%
531800 - Rent or Lease Payment	3,604	20,220	121,120	136,420	116,200	574.7%
531900 - Travel and Training	7,838	16,870	16,870	20,840	3,970	23.5%
532000 - Mem & Subscriptions	5,103	1,020	1,020	440	(580)	-56.9%
532100 - Vehicle Maint	59	-	-	-	-	0.0%
532110 - Veh Maint by Solid Waste	1,579	1,400	1,400	600	(800)	-57.1%
533000 - Other Services	2,534	-	-	-	-	0.0%
533020 - Contract Labor	499,448	734,780	666,880	784,800	50,020	6.8%
Services Total	\$ 787,302	\$ 1,013,485	\$ 1,228,635	\$ 1,206,285	\$ 192,800	19.0%
Capital Outlay						
540400 - Office Equipment	\$ 5,303	\$ -	\$ -	\$ -	\$ -	0.0%
Capital Outlay Total	\$ 5,303	\$ -	\$ -	\$ -	\$ -	0.0%
Grand Total	\$ 3,867,037	\$ 5,207,050	\$ 5,768,265	\$ 5,782,795	\$ 575,745	11.1%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$575,745 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Social Security, Insurance, Retirement and Compensated Absence costs
- Computer Supplies are driven higher by Strategic Plan initiatives related to Cyber Security, Data/Info Strategy and A/V upgrades to the Main Training Room
- Rent or Lease Payment costs went up as a result of leasing Palos and additional IONs
- Contract Labor increased to carry out Strategic Plan initiatives and IT Consulting related to Cyber Security, Data/Info Strategy, GIS & Consulting along with hard to fill staff positions thereby requiring the use of additional contract labor

Environmental Services Department

Overview

The Environmental Services Department performs field investigations and monitoring services from stream to tap and back to stream. Environmental Services routinely samples the various creeks, rivers, and lakes in the vast NTMWD watershed. Licensed water operators collect compliance samples for the TCEQ, including the Revised Total Coliform Rule, which ensures safe drinking water throughout the distribution system. Additionally, trained staff collect samples and field measurements for NTMWD permit renewals. Environmental Services coordinates with the RWS, RWWS and RSWs to determine the needs of each system to improve operations, fulfill regulatory requirements and evaluate environmental impacts of activities. The department stays abreast of new technologies, current research and current regulations to determine the possible impacts on operations.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Routinely monitor the quality of raw water supplies, including the newly constructed Bois d'Arc Lake.
- Provide support to operations, including the new Leonard Water Treatment Plant, through various monitoring projects to ensure superior services and meet permit requirements.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Ability to respond and assess environmental impacts for overflows and spills associated with water and wastewater operations.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Collaborate and participate in the Quality Assurance Project Plans with the Trinity River Authority, Red River Authority and Sulphur River Authority for the Clean Rivers Program.
- Collaborate and participate in the Quality Assurance Project Plans with the Texas State Soil and Water Conservation Board for the Watershed Protection Plans.

People: Build a talented, competent and committed team

- Hire skilled employees and develop them through internal and external training.
- Ensure staff obtain and maintain a TCEQ Water Distribution/Operator license.
- Provide personal protective equipment and safety gear for all aspects of the position.

Major Budget Drivers

- Personnel
- Monitoring equipment and supplies

Position Summary

Environmental Services Department			
Full-Time Positions	FY23	FY24	Difference
Administrative Technician	0.2	0.2	-
Environmental Quality Analyst *	0.9	0.9	-
Environmental Program Manager	0.6	0.6	-
Environmental Program Supervisor	0.4	0.4	-
Environmental Services Manager	0.3	0.3	-
Environmental Specialist I	1.0	1.0	-
Environmental Specialist II	1.0	1.0	-

Position Summary (continued)

Environmental Services Department

Full-Time Positions	FY23	FY24	Difference
Environmental Supervisor I	1.0	1.0	-
Environmental Technician	3.0	3.0	-
WIMS Analyst	1.0	1.0	-
Total Full-Time Positions	9.4	9.4	-

* Title change in FY24

Expense Detail

Environmental Services Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 570,640	\$ 637,105	\$ 619,460	\$ 660,600	\$ 23,495	3.7%
511060 - Overtime	942	2,000	2,000	2,000	-	0.0%
512000 - Social Security	41,522	48,740	46,530	50,530	1,790	3.7%
513000 - Workers' Comp Ins	9,708	11,355	9,205	9,775	(1,580)	-13.9%
513020 - Hospitalization Ins	106,982	121,175	121,175	154,465	33,290	27.5%
513040 - Dental Ins	4,097	4,720	6,125	7,305	2,585	54.8%
513060 - Life Ins	1,396	1,565	1,430	1,420	(145)	-9.3%
513070 - LT Disability Ins	-	-	-	2,580	2,580	0.0%
514000 - Retirement	91,005	83,000	105,990	118,200	35,200	42.4%
514010 - Retiree - Insurance	29,225	27,135	33,960	36,685	9,550	35.2%
514020 - Comp Absences-vacation	-	-	-	10,720	10,720	0.0%
514030 - Comp Absences-sick	27,860	-	-	-	-	0.0%
515000 - Cell Phone Stipend	3,466	3,910	3,835	3,910	-	0.0%
Personnel Total	\$ 886,843	\$ 940,705	\$ 949,710	\$ 1,058,190	\$ 117,485	12.5%
Supplies						
520100 - Office Supplies	\$ 1,103	\$ 1,195	\$ 1,195	\$ 1,195	-	0.0%
520110 - Computer Supplies	25,090	32,900	32,900	25,900	(7,000)	-21.3%
520200 - Xerox Supplies	4,479	-	-	-	-	0.0%
520300 - Clothing Supplies	3,936	6,330	6,330	6,330	-	0.0%
520600 - Fuel, Oil and Lube	7,903	8,000	8,000	8,000	-	0.0%
520630 - Toll Fees	293	400	400	400	-	0.0%
520800 - Small Tools & Equip	1,091	500	500	500	-	0.0%
521000 - Laboratory Supplies	18,428	6,190	6,190	9,015	2,825	45.6%
521110 - Safety Supplies	841	1,730	1,730	2,250	520	30.1%
521700 - Building Supplies	265	-	-	-	-	0.0%
521900 - Vehicle Supplies	3,601	5,000	5,000	5,000	-	0.0%
521910 - Tires and Tubes	660	3,000	3,000	3,000	-	0.0%
522000 - Equipment Supplies	4,551	20,200	20,200	20,200	-	0.0%
Supplies Total	\$ 72,241	\$ 85,445	\$ 85,445	\$ 81,790	\$ (3,655)	-4.3%

Expense Detail (continued)

Environmental Services Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Services						
530300 - Automotive Insurance	\$ 2,852	\$ 3,555	\$ 3,555	\$ 3,155	\$ (400)	-11.3%
531020 - Internet Service	8,468	9,240	9,240	9,240	-	0.0%
531800 - Rent or Lease Payment	-	10,000	10,000	10,000	-	0.0%
531900 - Travel and Training	7,481	13,380	13,380	17,410	4,030	30.1%
532000 - Mem & Subscriptions	551	1,670	1,670	1,670	-	0.0%
532100 - Vehicle Maint	1,667	3,550	3,550	4,550	1,000	28.2%
532110 - Veh Maint by Solid Waste	980	4,000	4,000	4,000	-	0.0%
532200 - Equipment Maintenance	456	3,750	3,750	3,750	-	0.0%
532300 - Postage	89	400	400	400	-	0.0%
532850 - Building Maintenance	29,377	-	-	-	-	0.0%
533000 - Other Services	9,530	-	-	-	-	0.0%
533030 - Contractual Safety Serv	530	-	-	-	-	0.0%
Services Total	\$ 61,983	\$ 49,545	\$ 49,545	\$ 54,175	\$ 4,630	9.3%
Capital Outlay						
540300 - Vehicle Equipment	\$ 49,271	\$ -	\$ 49,270	\$ -	\$ -	0.0%
540400 - Office Equipment	-	-	-	30,000	30,000	0.0%
541000 - Laboratory Equipment	-	15,000	15,000	10,000	(5,000)	-33.3%
Capital Outlay Total	\$ 49,271	\$ 15,000	\$ 64,270	\$ 40,000	\$ 25,000	166.7%
Grand Total	\$ 1,070,337	\$ 1,090,695	\$ 1,150,860	\$ 1,234,155	\$ 143,460	13.2%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$143,460 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased as a result of higher Wages, Retirement and Insurance costs
- Vehicle Equipment removed due to no need for additional vehicle purchases for FY24
- Office Equipment increased as a result of office furniture, cubicles and equipment purchases for department in the new Facilities building

Laboratory Services Department

Overview

The NTMWD Environmental Laboratory maintains NELAC Institute (TNI) Accreditation through the TCEQ. TNI Accreditation is required for most analyses performed in accordance with regulatory permit compliance under the Safe Drinking and Clean Water Acts. The Laboratory provides essential analytical services for potable and non-potable water parameters in support of Water, Wastewater, Solid Waste, Pretreatment Programs, as well as for our Member Cities and Customers. Additionally, the Laboratory validates treatment plant operations with daily process control analyses.

FY2024 Department Objectives (Supporting Strategic Goals)

Service: Provide superior water, wastewater and solid waste services today and tomorrow

- Apply proven technologies and processes to assist with the improvement of water quality.
- Provide superior service to the customer using the latest techniques.
- Provide accurate data using state of the art equipment.
- Continue certified laboratory operations using EPA approved methods.

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Ensure data produced is accurate and defensible.
- Maintain a clean environment to protect the integrity of samples.
- Prepare and produce quality controls for all analyses generated.
- Operate a state approved Quality Assurance/ Quality Control program.
- Generate and provide customer reports in a timely manner.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Provide monthly reports to ensure the Member Cities and Customers are well informed.
- Communicate new regulations and rule changes from state and federal regulators.
- Provide a well-informed and knowledgeable customer service group.
- Provide sample containers and chain of custodies to customers for integrity and efficiency.
- Assist cities with additional analysis in an effort to reduce customer complaints.

People: Build a talented, competent and committed team

- Staff laboratory with highly educated and skilled employees.
- Guarantee all staff are certified through an internal certification program.
- Provide proper personal protective equipment for each employee.
- Perform quarterly safety meetings.
- Promote wellness and a healthy lifestyle.

Major Budget Drivers

- Personnel
- Capital Equipment purchases
- Equipment Maintenance
- Laboratory and Equipment Supplies

Position Summary

Laboratory Services Department		FY23	FY24	Difference
Full-Time Positions				
Administrative Technician		0.20	0.20	-
Chemist / Biologist		6.00	6.00	-
Environmental Services Manager		0.25	0.25	-
Laboratory Data Validator		1.00	1.00	-
Laboratory Manager		1.00	1.00	-
Laboratory Operations Manager		1.00	1.00	-
Laboratory Quality Specialist		1.00	1.00	-
Laboratory Quality Supervisor		1.00	1.00	-
Laboratory Section Supervisor - 4th Qtr		4.00	5.00	1.00
LIMS Administrator		1.00	1.00	-
LIMS Analyst		-	1.00	1.00
Sample Control Technician		2.00	2.00	-
Sample Control Technician II		1.00	1.00	-
Senior Laboratory Technician		11.00	11.00	-
Senior Sample Control Technician		2.00	2.00	-
Total Full-Time Positions		32.45	34.45	2.00

Expense Detail

Laboratory Services Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel						
510000 - Wages	\$ 2,087,580	\$ 2,428,915	\$ 2,323,745	\$ 2,558,180	\$ 129,265	5.3%
511060 - Overtime	9,627	10,000	10,000	25,000	15,000	150.0%
512000 - Social Security	154,920	185,815	176,255	195,700	9,885	5.3%
513000 - Workers' Comp Ins	9,856	12,190	9,755	8,915	(3,275)	-26.9%
513020 - Hospitalization Ins	404,730	449,885	449,885	490,005	40,120	8.9%
513040 - Dental Ins	14,794	16,485	15,425	16,590	105	0.6%
513060 - Life Ins	5,109	5,880	5,365	5,480	(400)	-6.8%
513070 - LT Disability Ins	-	-	-	10,035	10,035	0.0%
514000 - Retirement	316,890	318,720	406,990	462,650	143,930	45.2%
514010 - Retiree - Insurance	101,760	104,190	130,415	143,585	39,395	37.8%
514020 - Comp Absences-vacation	18,650	22,675	22,675	16,070	(6,605)	-29.1%
514030 - Comp Absences-sick	-	-	-	19,975	19,975	0.0%
515000 - Cell Phone Stipend	1,910	2,520	2,280	2,040	(480)	-19.0%
Personnel Total	\$ 3,125,826	\$ 3,557,275	\$ 3,552,790	\$ 3,954,225	\$ 396,950	11.2%
Supplies						
520100 - Office Supplies	\$ 5,751	\$ 5,000	\$ 5,000	\$ 5,000	\$ -	0.0%
520110 - Computer Supplies	43,982	33,865	33,865	65,875	32,010	94.5%
520200 - Xerox Supplies	156	-	-	-	-	0.0%
520300 - Clothing Supplies	7,410	10,620	10,620	11,020	400	3.8%
520600 - Fuel, Oil and Lube	1,076	1,000	1,000	1,000	\$ -	0.0%
520630 - Toll Fees	-	150	150	150	-	0.0%
520800 - Small Tools & Equip	22,183	25,750	25,750	31,000	5,250	20.4%
520810 - Fire Extinguishers	195	535	535	535	-	0.0%

Expense Detail (continued)

Laboratory Services Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
521000 - Laboratory Supplies	\$ 356,643	\$ 363,000	\$ 363,000	\$ 380,000	\$ 17,000	4.7%
521110 - Safety Supplies	5,106	10,000	10,000	15,000	5,000	50.0%
521700 - Building Supplies	6,517	10,000	10,000	-	(10,000)	-100.0%
521900 - Vehicle Supplies	304	800	800	800	-	0.0%
521910 - Tires and Tubes	2	175	175	175	-	0.0%
522000 - Equipment Supplies	36,632	42,000	42,000	42,000	-	0.0%
523000 - Other Supplies	64,550	137,000	137,000	146,000	9,000	6.6%
Supplies Total	\$ 550,507	\$ 639,895	\$ 639,895	\$ 698,555	\$ 58,660	9.2%
Services						
530300 - Automotive Insurance	\$ 926	\$ 920	\$ 920	\$ 2,265	\$ 1,345	146.2%
530400 - Fire & Exten Cov Ins	7,101	9,855	6,310	8,600	(1,255)	-12.7%
531020 - Internet Service	2,291	480	480	480	-	0.0%
531100 - Electric Power	100,501	78,000	78,000	78,000	-	0.0%
531110 - Nat Gas, Butane & Kero	31,421	18,000	18,000	18,000	-	0.0%
531120 - Retail Water Service	3,704	3,500	3,500	5,000	1,500	42.9%
531310 - Special Studies & Rpts	22,850	100,000	100,000	-	(100,000)	-100.0%
531700 - Advertising	472	300	300	300	-	0.0%
531800 - Rent or Lease Payment	4,633	10,000	10,000	12,000	2,000	20.0%
531900 - Travel and Training	7,538	13,540	13,540	13,680	140	1.0%
532000 - Mem & Subscriptions	274	1,440	1,440	1,440	-	0.0%
532100 - Vehicle Maint	25	250	250	250	-	0.0%
532110 - Veh Maint by Solid Waste	640	750	750	750	-	0.0%
532200 - Equipment Maintenance	131,664	132,000	132,000	148,500	16,500	12.5%
532300 - Postage	382	100	100	100	-	0.0%
532850 - Building Maintenance	24,097	76,000	76,000	-	(76,000)	-100.0%
533020 - Contract Labor	8,862	5,000	5,000	35,000	30,000	600.0%
533500 - Lab Svc - Contract	42,414	20,000	20,000	5,000	(15,000)	-75.0%
533900 - Permits, Ins, & Lic Fees	3,305	3,500	3,500	3,500	-	0.0%
Services Total	\$ 393,101	\$ 473,635	\$ 470,090	\$ 332,865	\$ (140,770)	-29.7%
Capital Outlay						
540300 - Vehicle Equipment	\$ 32,480	\$ -	\$ -	\$ -	\$ -	0.0%
541000 - Laboratory Equipment	260,268	260,000	687,000	-	(260,000)	-100.0%
Capital Outlay Total	\$ 292,748	\$ 260,000	\$ 687,000	\$ -	\$ (260,000)	-100.0%
Grand Total	\$ 4,362,181	\$ 4,930,805	\$ 5,356,945	\$ 4,985,645	\$ 54,840	1.1%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$54,840 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due to Wages, Insurance and Retirement along with the addition of 2 new FTEs
- Computer Supplies increased for purchase of a new quality control software
- Laboratory Supplies increased as a result of additional workload due to expansions and regulatory changes
- Contract Labor increased due to increase in hazardous waste production and pick up costs
- Laboratory Equipment decreased as a result of no new purchase needs for FY24

Regulatory Compliance Department

Overview

The Regulatory Compliance Department serves as an internal consultant to the District on environmental and regulatory issues. Regulatory Compliance partners with stakeholder divisions to ensure compliance with local, state and federal regulations and to foster a culture of environmental stewardship. The Regulatory Compliance Department is committed to continuous improvement, pollution prevention and environmental compliance.

FY2024 Department Objectives (Supporting Strategic Goals)

Stewardship: Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency

- Assess regulatory risks.
- Develop and implement pollution prevention programs to protect air, land and watershed.

Partnership: Actively collaborate with members, customers, partners, employees and stakeholders

- Liaise with U.S. EPA, TCEQ, Texas Parks and Wildlife, City and County staff.

People: Build a talented, competent and committed team

- Serve as internal consultants to NTMWD staff on regulatory issues.
- Train NTMWD staff on environmental compliance programs.

Major Budget Drivers

- Personnel
- Continuing education in multiple environmental and regulatory arenas

Position Summary

Regulatory Compliance Department		FY23	FY24	Difference
Full-Time Positions				
Environmental Compliance Coordinator		1.00	1.00	-
Environmental Compliance Manager		1.00	1.00	-
Environmental Services Manager		0.25	0.25	-
Senior Environmental Health & Safety Specialist		1.00	1.00	-
Total Full-Time Positions		3.25	3.25	-

Expense Detail

Expense Category	Actual	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
		Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget	
Personnel							
510000 - Wages	\$ 311,461	\$ 338,295	\$ 331,320	\$ 348,410	\$ 10,115		3.0%
512000 - Social Security	22,800	25,880	24,980	26,650	770		3.0%
513000 - Workers' Comp Ins	3,497	3,965	3,245	3,335	(630)		-15.9%
513020 - Hospitalization Ins	57,733	62,995	62,995	70,710	7,715		12.2%
513040 - Dental Ins	1,934	2,105	2,055	2,175	70		3.3%
513060 - Life Ins	728	790	740	715	(75)		-9.5%

Expense Detail (continued)

Regulatory Compliance Department	2021-22	2022-23	2022-23	2023-24	Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Personnel (continued)						
513070 - LT Disability Ins	\$ -	\$ -	\$ -	\$ 1,365	\$ 1,365	0.0%
514000 - Retirement	49,610	44,115	56,330	62,525	18,410	41.7%
514010 - Retiree - Insurance	15,930	14,420	18,050	19,405	4,985	34.6%
514020 - Comp Absences-vacation	3,840	-	-	2,975	2,975	0.0%
514030 - Comp Absences-sick	6,485	-	-	-	-	0.0%
515000 - Cell Phone Stipend	1,430	1,560	1,560	1,560	-	0.0%
Personnel Total	\$ 475,447	\$ 494,125	\$ 501,275	\$ 539,825	\$ 45,700	9.2%
Supplies						
520100 - Office Supplies	\$ 41	\$ 1,000	\$ 1,000	\$ 1,000	\$ -	0.0%
520110 - Computer Supplies	3,075	4,460	4,460	14,020	9,560	214.3%
520300 - Clothing Supplies	-	1,800	1,800	1,800	-	0.0%
520600 - Fuel, Oil and Lube	266	3,800	3,800	2,000	(1,800)	-47.4%
520630 - Toll Fees	33	300	300	300	-	0.0%
520800 - Small Tools & Equip	-	350	350	350	-	0.0%
521110 - Safety Supplies	36	1,315	1,315	1,450	135	10.3%
521900 - Vehicle Supplies	203	1,400	1,400	700	(700)	-50.0%
521910 - Tires and Tubes	1	350	350	350	-	0.0%
Supplies Total	\$ 3,654	\$ 14,775	\$ 14,775	\$ 21,970	\$ 7,195	48.7%
Services						
530300 - Automotive Insurance	\$ 535	\$ 690	\$ 690	\$ 315	\$ (375)	-54.3%
531020 - Internet Service	1,829	1,440	1,440	1,440	-	0.0%
531310 - Special Studies & Rpts	13,360	-	-	-	-	0.0%
531400 - Legal Service	3,756	10,000	10,000	10,000	-	0.0%
531900 - Travel and Training	8,334	18,600	18,600	24,600	6,000	32.3%
532000 - Mem & Subscriptions	1,498	1,900	1,900	1,900	-	0.0%
532100 - Vehicle Maint	17	1,600	1,600	1,600	-	0.0%
532110 - Veh Maint by Solid Waste	548	1,600	1,600	1,600	-	0.0%
532300 - Postage	93	-	-	-	-	0.0%
533000 - Other Services	555	-	-	-	-	0.0%
533020 - Contract Labor	-	10,000	10,000	10,000	-	0.0%
Services Total	\$ 30,525	\$ 45,830	\$ 45,830	\$ 51,455	\$ 5,625	12.3%
Grand Total	\$ 509,625	\$ 554,730	\$ 562,900	\$ 613,250	\$ 58,520	10.5%

Major FY24 Budget Items

The department's FY24 Proposed Budget has increased by \$58,520 from the FY23 Original Budget. Major variances are explained below:

- Personnel increased due higher Wages, Insurance and Retirement costs
- Travel and Training increased for Transportation, Storage and Disposal Facilities annual audits for hazardous waste shipped from the District's Large Quantity Generator sites
- Computer Supplies increased as a result of increased costs for annual subscription service for Tier 2 chemical tracking and required reporting to TCEQ



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APPENDIX

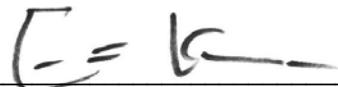
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Government Treasurers' Organization of Texas
Certification of Investment Policy

Presented to the

North Texas Municipal Water District

for developing an investment policy that meets the requirements of the Public Funds Investment Act and the standards for prudent public investing established by the Government Treasurers' Organization of Texas.



Government Treasurers' Organization of Texas
President



Investment Policy Review Committee

For the two-year period ending September 30, 2023

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LONG - TERM PLANNING

Long-Term Planning Process

The District services one of the fastest growing regions in the country and great effort is spent planning for the future needs of the region. This growth is considered when developing the Annual Budget. Each year, District staff updates the system cost projections starting with the current approved budget and escalating the costs for subsequent years. Staff also must account for new future costs which are typically driven by the Capital Improvement Plan (CIP).

The District updates long term cost projections that ensure appropriate rates are set for Member Cities and Customers each year. The cost projections are 10 year forecasts based on the current adopted budget and appropriate cost escalations. The cost projections also take into account future planned debt issuances and additional O&M from future facilities. Cost projections are distributed to Member Cities and Customers once finalized and gives an early look at future budgets. The most recent cost projection summaries for each of the systems are uploaded to the District's website. To view the latest cost projection system summaries including explanations for year over year increases please refer to our website here: <https://www.ntmwd.com/finances/traditional-finances/> under the Strategic Financial Plans Section.

Cost Projections

The following tables shows forecasted revenues and expenses for the major operating systems over the next five years incorporating all known assumptions. This gives the Member Cities and Customers a high level long term view. The long term cost-projections are updated each year prior to the budgets being finalized and each system may have additional requirements that are uncovered during the budgeting process which may cause the budgets to be higher or lower than these projections.

Key Assumptions

The following assumptions are reviewed each year and drive the overall projection increases from the base year budget.

Key Assumptions	2023-24	2024-25	2025-26	2026-27	2027-28
Personnel	5.0%	5.0%	5.0%	5.0%	5.0%
Supplies (Fuel, Other)	3.0%	3.0%	3.0%	3.0%	3.0%
Supplies (Chemicals) - RWS	8.0%	5.0%	3.0%	3.0%	3.0%
Supplies (Chemicals) - Non RWS	3.0%	3.0%	3.0%	3.0%	3.0%
Services	3.0%	3.0%	3.0%	3.0%	3.0%
Shared Services	4.0%	4.0%	4.0%	4.0%	4.0%
Bond Service Fees	1.0%	1.0%	1.0%	1.0%	1.0%
Construction Escalations	7.0%	5.0%	3.0%	3.0%	3.0%
Debt Service	Calculated dependent upon expected bond issuances, term and system rating				
New Facilities O&M	Between 1 - 6.0% of the project cost dependent on the type of project				
Solid Waste Revenues	Between 1 - 3.0% dependent on the type of revenue				
Interest Earnings	Set based on the interest earned in TexPool				
Flows / Tonnage Assumptions	Engineering Forecasts / City Projections, dependent on each Operating System				

Regional Water System	2023-24	2024-25	2025-26	2026-27	2027-28
Revenues					
Member Water Sales	\$ 384,910,000	\$ 426,186,022	\$ 478,011,196	\$ 552,834,230	\$ 621,896,403
Customer Water Sales	97,050,000	110,252,889	127,099,348	151,439,961	175,995,472
Other Revenues	1,560,000	1,634,338	1,759,779	1,901,145	1,999,135
Total Revenues	\$ 483,520,000	\$ 538,073,249	\$ 606,870,323	\$ 706,175,336	\$ 799,891,010
Expenses					
Variable O&M	\$ 111,340,000	\$ 118,410,000	\$ 125,310,000	\$ 132,510,000	\$ 140,220,000
Fixed O&M	105,180,000	109,260,000	117,890,000	140,830,000	152,100,000
Capital Improvement Tfr	25,060,000	23,170,000	38,980,000	25,370,000	26,700,000
Debt Service	239,770,000	283,300,000	316,520,000	403,500,000	476,790,000
Total Expenses	\$ 481,350,000	\$ 534,140,000	\$ 598,700,000	\$ 702,210,000	\$ 795,810,000
Net	\$ 2,170,000	\$ 3,933,249	\$ 8,170,323	\$ 3,965,336	\$ 4,081,010
Projected Mbr Rate / 1,000 gallons	\$ 3.77	\$ 4.16	\$ 4.65	\$ 5.36	\$ 6.01

Regional Wastewater System	2023-24	2024-25	2025-26	2026-27	2027-28
Revenues					
Member WW Sales	\$ 104,804,480	\$ 120,217,317	\$ 139,778,596	\$ 164,157,275	\$ 179,862,474
Customer WW Sales	3,226,200	3,867,700	4,690,000	5,718,100	6,479,900
Other Revenues	822,338	870,143	926,328	992,166	1,042,461
Total Revenues	\$ 108,853,018	\$ 124,955,160	\$ 145,394,924	\$ 170,867,541	\$ 187,384,835
Expenses					
Personnel	\$ 17,583,767	\$ 18,462,956	\$ 19,386,103	\$ 20,355,409	\$ 21,373,179
Supplies	11,901,225	12,258,262	12,626,010	13,004,790	13,394,934
Services	28,932,307	30,287,401	32,306,547	36,517,322	45,025,298
Capital Outlay	2,565,941	2,642,919	2,722,207	2,803,873	2,887,989
Escrow Transfers	-	-	-	-	-
Capital Improvement Tfr	6,500,000	15,000,000	3,000,000	-	1,000,000
Debt Service	41,369,778	46,303,622	75,354,057	98,186,147	103,703,435
Total Expenses	\$ 108,853,018	\$ 124,955,160	\$ 145,394,924	\$ 170,867,541	\$ 187,384,835
Net	\$ -	\$ -	\$ -	\$ -	\$ -
Projected Mbr Rate / 1,000 gallons	\$ 2.75	\$ 3.06	\$ 3.45	\$ 3.93	\$ 4.19

APPENDIX

NORTH TEXAS MUNICIPAL WATER DISTRICT

Upper East Fork Interceptor System	2023-24	2024-25	2025-26	2026-27	2027-28
Revenues					
Member WW Sales	\$ 51,880,573	\$ 61,073,667	\$ 73,551,560	\$ 83,523,401	\$ 93,118,037
Customer WW Sales	2,217,700	2,753,300	3,550,900	4,327,500	4,871,300
Other Revenues	654,347	688,613	2,232,491	4,774,128	2,306,169
Total Revenues	\$ 54,752,620	\$ 64,515,580	\$ 79,334,951	\$ 92,625,029	\$ 100,295,506
Expenses					
Personnel	\$ 3,115,744	\$ 3,271,531	\$ 3,435,107	\$ 3,606,863	\$ 3,787,206
Supplies	5,440,065	5,603,267	5,771,365	5,944,506	6,122,841
Services	13,050,647	13,982,736	15,861,784	17,073,790	18,865,584
Capital Outlay	431,858	444,814	458,159	471,903	486,060
Escrow Transfers	-	-	-	-	-
Capital Improvement Tfr	2,500,000	500,000	-	-	-
Debt Service	30,214,306	40,713,232	53,808,536	65,527,967	71,033,815
Total Expenses	\$ 54,752,620	\$ 64,515,580	\$ 79,334,951	\$ 92,625,029	\$ 100,295,506
Net	<u><u>\$ -</u></u>				
Projected Mbr Rate / 1,000 gallons	\$ 1.89	\$ 2.17	\$ 2.55	\$ 2.84	\$ 3.09
Regional Solid Waste System	2023-24	2024-25	2025-26	2026-27	2027-28
Revenues					
Member SW Sales	\$ 26,400,352	\$ 26,812,840	\$ 27,615,361	\$ 29,162,270	\$ 30,788,570
Customer SW Sales	9,119,553	9,210,748	9,302,856	9,395,884	9,489,843
Other Revenues	10,338,090	9,972,604	10,769,488	11,482,270	9,850,812
Total Revenues	\$ 45,857,995	\$ 45,996,192	\$ 47,687,705	\$ 50,040,424	\$ 50,129,225
Expenses					
Personnel	\$ 13,778,825	\$ 14,467,766	\$ 15,191,154	\$ 15,950,712	\$ 16,748,247
Supplies	6,149,347	6,333,828	6,523,842	6,719,558	6,921,144
Services	10,562,060	10,932,489	11,484,224	11,823,763	12,155,469
Capital Outlay	6,383,000	5,090,531	5,339,000	7,168,000	4,212,000
Escrow Transfers	-	-	-	-	-
Capital Improvement Tfr	-	200,000	200,000	-	-
Debt Service	8,984,763	8,971,578	8,949,485	8,378,391	10,092,365
Total Expenses	\$ 45,857,995	\$ 45,996,192	\$ 47,687,705	\$ 50,040,424	\$ 50,129,225
Net	<u><u>\$ -</u></u>				
Projected Mbr Rate / Ton	\$ 38.25	\$ 38.25	\$ 38.85	\$ 40.50	\$ 42.25

CIP Project Nomination, Validation and Prioritization

Throughout the year, new projects are nominated to the existing CIP based on current and future system needs. Project nominations come from a variety of sources including: system master plans, internal studies, needs/condition assessments, external requests, regulatory assessments and/or employee identification. Nominated projects generally fall into the following categories: expanding/new growth, aging infrastructure, peak flow/new growth, new regulatory requirements and other.

To nominate a project, a nomination form is completed. Then, it is reviewed and validated before being prioritized and selected from all existing and newly nominated projects. Projects that ultimately end up being selected are taken to the District Executive Team to be approved for inclusion into the CIP. Projects that are accepted into the CIP are added to the schedule for future funding needs. Based on available funding and needs, staff determines whether a project can be completed using funds on hand or if a bond sale will be needed. If a bond sale is needed staff coordinates with the District's financial advisor and bond counsel to facilitate a transaction.

The following table shows the current approved CIP by system for the next five years.

Capital Improvement Plan FY 2024-2028

Regional Water System

Primary Driver for Projects	2024	2025	2026	2027	2028
Expanding/New Growth	\$ 827.4	\$ 383.2	\$ 1,051.8	\$ 894.6	\$ 299.3
Maintaining Aging Infrastructure	111.2	132.0	149.9	129.4	76.6
Regulatory Requirements	45.6	11.9	35.1	-	-
Other	-	11.4	3.0	5.5	1.7
Total Project Costs (\$M)	\$ 984.2	\$ 538.6	\$ 1,239.8	\$ 1,029.5	\$ 377.6

Regional Wastewater System

Primary Driver for Projects	2024	2025	2026	2027	2028
Expanding/New Growth	\$ 15.0	\$ 157.7	\$ 121.2	-	-
Maintaining Aging Infrastructure	0.1	27.2	-	82.6	68.5
Peak Flows/New Growth	241.7	36.7	5.5	46.3	-
Other	-	-	-	2.6	1.7
Total Project Costs (\$M)	\$ 256.8	\$ 221.6	\$ 126.6	\$ 131.4	\$ 70.2

Upper East Fork Interceptor System

Primary Driver for Projects	2024	2025	2026	2027	2028
Expanding/New Growth	\$ 3.0	\$ 97.3	\$ 48.5	\$ 125.8	\$ 178.2
Maintaining Aging Infrastructure	1.0	10.3	43.5	9.9	11.7
Peak Flows/New Growth	23.8	24.4	0.7	27.4	8.8
Other	-	1.8	1.3	1.7	2.8
Total Project Costs (\$M)	\$ 27.8	\$ 133.7	\$ 93.9	\$ 164.8	\$ 201.4

Small Systems

Primary Driver for Projects	2024	2025	2026	2027	2028
Expanding/New Growth	\$ 31.9	\$ 119.4	\$ 3.1	\$ 166.1	\$ -
Maintaining Aging Infrastructure	-	2.0	3.4	0.9	-
Peak Flows/New Growth	104.8	13.6	15.0	178.5	13.9
Total Project Costs (\$M)	\$ 136.7	\$ 135.0	\$ 21.5	\$ 345.5	\$ 13.9

Regional Solid Waste System

Primary Driver for Projects	2024	2025	2026	2027	2028
Expanding/New Growth	\$ 16.6	\$ 5.3	\$ 2.4	\$ -	\$ 28.4
Maintaining Aging Infrastructure	8.5	-	-	-	-
Total Project Costs (\$M)	\$ 25.0	\$ 5.3	\$ 2.4	\$ -	\$ 28.4

Funding and Planning for Future Operating Costs

Once a project has been added to the CIP and funding has been determined, it is reflected in the cost projections via drawdowns on Capital Improvement Funds or as additional debt service from the related debt issuance. The CIP estimates when new projects are expected to be placed into service and the cost projections factor in additional operating costs of between 1-6% of the project cost. These additional operating costs are reflected beginning with the year the project is placed into service and then escalated for inflation in subsequent years.

At the same time future costs are being projected, future demand is also forecasted which is used to determine cost per unit and cost allocations for the participating Member Cities and Customers. In addition to providing an outlook of future system costs, the cost projections also allow the District to plan for large one time expenditures by utilizing escrow/reserve accounts. For example: If a large expenditure is expected three years in the future the District can move funds into an escrow/reserve account over each of the next three years so that when the time comes for the planned expenditure the funds are available. This helps not only the District but also the Member Cities and Customers plan for a more gradual increase vs. a large spike in a given year.

2023-24
CAPITAL PROJECTS

CAPITAL PROJECTS FY2024

Regional Water System

Project Name	0602 - Bois d'Arc Lake Raw Water Pump Station, Phase II
Phase	Construction
Project Driver	Expanding/New Growth
Construction Cost Estimate	>\$50M
Goals	Increase Raw Water Pump Station (RWPS) pumping capacity
Project Source	Sizing and Timing Analysis for Future Phases - Blending Lake Texoma Water at Leonard Water Treatment Plant (WTP) and Treatment Plant Expansions by FNI, 2022
Trigger	Accommodate the WTP Phase II expansion
Target In-Service Date	2027
Scope	Installation of four new pumps to increase pumping capacity to 142 million gallons per day (MGD), installation of related piping, valves, appurtenances, associated electrical/HVAC components and adjustable frequency drives (AFD), addition of two service transformers and two generators.

Project Name	0601 - Leonard WTP Terminal Storage Reservoir (TSR), Phase II
Phase	Construction
Project Driver	Expanding/New Growth
Construction Cost Estimate	\$26M-\$50M
Goals	Provide additional capacity to the TSR
Project Source	Sizing and Timing Analysis for Future Phases - Blending Lake Texoma Water at Leonard WTP and Treatment Plant Expansions by FNI, 2022
Trigger	Accommodate the WTP Phase II expansion
Target In-Service Date	2027
Scope	Build a new 210 million gallon (MG) storage reservoir adjacent to the existing North Terminal Storage Reservoir (TSR) including underdrain system, inlet and outlet structure, and recycle line, road and drainage system.

Project Name	0600 - Leonard Water Treatment Plant, Phase II
Phase	Construction
Project Driver	Expanding/New Growth
Construction Cost Estimate	>\$50M
Goals	Expand Leonard Water Treatment capacity
Project Source	Sizing and Timing Analysis for Future Phases - Blending Lake Texoma Water at Leonard WTP and Treatment Plant Expansions by FNI, 2022
Trigger	Primary trigger is utilizing all of Bois d'Arc Lake's (BDL) yield for raw water supply
Target In-Service Date	2027
Scope	Expand the water treatment capacity to 140 MGD, major components are chemical injection, rapid-mix, flocculation basin, sedimentation basin, ozonation, biologically active filtration unit, disinfection unit and clearwell.

Regional Water System (continued)

Project Name	0603 - Leonard WTP High Service Pump Station - North
Phase	Construction
Project Driver	Expanding/New Growth
Construction Cost Estimate	\$26M-\$50M
Goals	Increase the pumping capacity of treated water from Leonard WTP
Project Source	Sizing and Timing Analysis for Future Phases - Blending Lake Texoma Water at Leonard WTP and Treatment Plant Expansions by FNI, 2022
Trigger	Accommodate the WTP Phase II expansion
Target In-Service Date	2026
Scope	Installation of two new 45 MGD pumps, both with AFD's to increase the firm capacity to 175 MGD.

Project Name	0530A - Lake Texoma Pump Station 2019 Electrical Improvements, Phase I
Phase	Construction
Project Driver	Expanding/New Growth
Construction Cost Estimate	\$26M-\$50M
Goals	Replace existing electrical system serving the Lake Texoma Pump Station (PS) for increased capacity and updated technology
Project Source	Lake Texoma PS Updated Improvements Plan by CDM Smith, 2021
Trigger	Electrical system reaches limit to power required pumping capacity
Target In-Service Date	2027
Scope	Install new switchgear, low voltage transformers and motor control centers, two new starters, six new transformers and two HVAC units. Replace existing motors with higher voltage motors. Add two variable frequency drives and remove two 4,000-hp pumps.

Project Name	0390 - Wylie WTP Conversion to Biologically Active Filtration (CMAR)
Phase	Construction
Project Driver	Maintaining Aging Infrastructure
Construction Cost Estimate	>\$50M
Goals	Convert the filtration system to biologically active filtration (BAF) and upgrade/newly install related infrastructure to support BAF
Project Source	Biologically Active Filtration Preliminary Design by Carollo
Trigger	Ozone disinfection and water quality control in treated water system
Target In-Service Date	2026
Scope	Implementing BAF at the Wylie WTP Complex, major components are chlorine contact basins at WTP's III and IV, addition of clearwell 4-3 at WTP IV, major piping relocations and interconnections including large flow meters and isolation valves, installation of chemical injection points and associated infrastructures.

Project Name	0520 - Wylie WTP III Plant Water Improvements
Phase	Construction
Project Driver	Maintaining Aging Infrastructure
Construction Cost Estimate	\$6M-\$15M
Goals	Upgrade plant water system to extend useful life
Project Source	Water Treatment System Asset Inventory and Risk Assessment by FNI, 2017
Trigger	Infrastructure reaches the end of useful life
Target In-Service Date	2026
Scope	Major components includes: install side stream chlorine injection pumps, improve reliability of the plant water system, evaluate a second interconnect between WTP III and IV, approximately 4,000 linear feet of water line improvements from 4-inch to 16-inch.

Regional Water System (continued)

Project Name	0584 - Wylie WTP II Plant Water Improvements
Phase	Construction
Project Driver	Maintaining Aging Infrastructure
Construction Cost Estimate	\$6M-\$15M
Goals	Upgrade plant water system to extend useful life
Project Source	Water Treatment System Asset Inventory and Risk Assessment by FNI, 2017
Trigger	Infrastructure reaches the end of useful life
Target In-Service Date	2026
Scope	Major components includes: install water supply pumps for the existing chlorine injectors, replace critical valves on the existing plant water system as needed, remove obsolete or redundant piping and replace deteriorated piping of the plant water system.

Project Name	0619 - Pipeline Relocations at US 380, FM 1641 and FM 741
Phase	Construction
Project Driver	Expanding/New Growth
Construction Cost Estimate	\$26M-\$50M
Goals	Waterline relocation due to TxDOT projects
Project Source	TxDOT request
Trigger	TxDOT schedule
Target In-Service Date	2026
Scope	Relocate pipes per TxDOT requests with approximately 3 miles of 14-inch to 30-inch waterlines along US 380, and approximately 4 miles of 20-inch waterlines and 84-inch raw waterlines along FM 1641 and FM 741.

Project Name	0572 - North Garland System Ground Storage Tank
Phase	Construction
Project Driver	Regulatory Requirements
Construction Cost Estimate	>\$50M
Goals	Increase the reliability to maintain the required pressure in the North Garland Transmission System
Project Source	North Garland Transmission System Hydraulic Optimization by Halff, 2020
Trigger	Transmission system operations optimization
Target In-Service Date	2026
Scope	Ground storage tank, meter and check valve, yard piping, SCADA system, electrical/instrumentation building and components and site development such as drainage, fencing, security equipment.

Project Name	0338D - Meter Vault Standardization, Set Point Control, Phase IV
Phase	Construction
Project Driver	Maintaining Aging Infrastructure
Construction Cost Estimate	\$16M-\$25M
Goals	Upgrade existing metering vaults with set point control capabilities
Project Source	Meter Vault Standardization Preliminary Engineering Report by FNI, 2016
Trigger	Meter vault standardization for increased flow control reliability
Target In-Service Date	2026
Scope	Phase IV includes the following member and customer delivery points: Royse City No. 2, Frisco No. 3, Little Elm, Murphy No. 2, Rowlett No. 2 and North Collin Special Utility District

Regional Water System (continued)

Project Name	0505 - McKinney Delivery Point No. 3 to McKinney Delivery Point No. 4 Pipeline
Phase	Construction
Project Driver	Expanding/New Growth
Construction Cost Estimate	>\$50M
Goals	Construct a new pipe to provide additional capacity to Frisco/McKinney System
Project Source	2011 CIP Updates by FNI, 2013
Trigger	Projected demands in Frisco/McKinney System reach the firm capacity of Frisco/McKinney Pump Station of 110 MGD
Target In-Service Date	2026
Scope	About 8 miles of 72-inch inch regional water line between McKinney No. 3 and No. 4 which connects the Leonard WTP treated water pipeline to the NTMWD's North transmission system.

Project Name	0607 - Waterline Relocations Along State Highways in Dallas, Rockwall and Kaufman Counties
Phase	Construction
Project Driver	Expanding/New Growth
Construction Cost Estimate	\$26M-\$50M
Goals	Waterline relocation due to TxDOT projects
Project Source	TxDOT Request
Trigger	TxDOT Schedule
Target In-Service Date	2025
Scope	Relocate pipe per TxDOT requests with approximately 3 miles 14-inch to 42-inch waterlines along US 80 in Dallas and Kaufman Counties, approximately 2 miles of 12-inch to 30-inch waterlines, and 54-inch and 84-inch raw waterlines in Rockwall County.

Project Name	0591 - Northeast McKinney Pump Station
Phase	Construction
Project Driver	Expanding/New Growth
Construction Cost Estimate	>\$50M
Goals	Build a new Northeast McKinney Pump Station to receive water from Leonard WTP
Project Source	2011 CIP Updates by FNI, 2013
Trigger	Projected demands in Frisco/McKinney System reach the firm capacity of Frisco/McKinney Pump Station of 110 MGD
Target In-Service Date	2026
Scope	Construct a new pump station with the first phase of 50 MGD pumping capacity, one 5 MG ground storage tank, site development, electrical, instrumentation and control systems.

Project Name	0526A - Lavon No. 2 to Rockwall-Cash Pipeline, Phase II
Phase	Construction
Project Driver	Expanding/New Growth
Construction Cost Estimate	\$16M-\$25M
Goals	Provide additional transmission capacity to the East System
Project Source	East Transmission System Hydraulic Analysis by FNI, 2022
Trigger	East System peak day demand of 70 MGD or total demand at Rockwall No. 1 and No. 2 exceeds 32 MGD
Target In-Service Date	2025
Scope	Approximately 4 miles of 36-inch pipeline in East Transmission System that extends from the Wylie WTP to SH 66 In the City of Rockwall.

Regional Water System (continued)

Project Name	Texoma to Howe Balancing Reservoir 84" Parallel Pipeline
Phase	Preliminary Design
Project Driver	Expanding/New Growth
Construction Cost Estimate	>\$50M
Goals	Provide raw water from Lake Texoma to blend at Leonard WTP with Bios d'Arc Lake raw water.
Project Source	Lake Texoma Pump Station Updated Improvements Plan, CDM Smith, 2021
Trigger	Additional supply is needed after Bois d'Arc water supply is fully utilized
Target In-Service Date	2029
Scope	Approximately 27 miles of parallel 84-inch from Texoma PS to Howe Balancing Reservoir to provide additional raw water from Lake Texoma to blend at Leonard WTP with Bios d'Arc Lake raw water.

Project Name	Raw Water Pipeline from Texoma-Wylie Pipeline to Leonard TSR
Phase	Preliminary Design
Project Driver	Expanding/New Growth
Construction Cost Estimate	>\$50M
Goals	Provide raw water from Lake Texoma to blend at Leonard WTP with Bios d'Arc Lake raw water.
Project Source	Lake Texoma Pump Station Updated Improvements Plan, CDM Smith, 2021
Trigger	Additional supply is needed after Bois d'Arc water supply is fully utilized
Target In-Service Date	2029
Scope	Approximately 7 miles of 84-inch from Texoma-to-Wylie pipeline to Leonard WTP to provide additional raw water from Lake Texoma to blend at Leonard WTP with Bios d'Arc Lake raw water.

Project Name	Wylie WTP Raw Water Pump Station No. 3 Improvements 2024
Phase	Design
Project Driver	Maintaining Aging Infrastructure
Construction Cost Estimate	\$26M-\$50M
Goals	Upgrade raw water pump station to extend useful life
Project Source	Long Range Water Supply Plan by FNI, 2023
Trigger	Infrastructure reached the end of useful life
Target In-Service Date	2028
Scope	Replace HVAC, electric motor operators for pump control valves, 4160V MCCs, PLC in multiple locations, pump station roof and flow meter. Improve wet well for pump suction conditions, brace pumps, install a new backup generator.

Project Name	Wylie WTP Raw Water Pump Station No. 4
Phase	Conceptual Design
Project Driver	Expanding/New Growth
Construction Cost Estimate	>\$50M
Goals	Provide full access to the conservation storage at Lavon Lake
Project Source	Long Range Water Supply Plan by FNI, 2023
Trigger	Additional water supply needed
Target In-Service Date	2032
Scope	New 350 MGD RWPS No. 4 with deeper intake elevation and connection to all four Wylie WTPs which allow access to additional Lavon raw water.

Regional Water System (continued)

Project Name		Lake Texoma Pump Station 2019 Electrical Improvements, Phase II
Phase	Design	
Project Driver	Maintaining Aging Infrastructure	
Construction Cost Estimate	\$16M-\$25M	
Goals	Expand electrical infrastructure needed for powering the Texoma pump station expansion.	
Project Source	Lake Texoma Pump Station Updated Improvements Plan, CDM Smith, 2021	
Trigger	Texoma Pump Station expansion	
Target In-Service Date	2028	
Scope	Construct new electrical building with variable frequency drives, electrical transformers, switchboard, motor control center, duct banks, HVAC roof-top units and SCADA and instrumentation. Discharge piping and valves upgrade and site improvements.	

Project Name		Aquifer Storage and Recovery Pilot Study
Phase	Feasibility Study	
Project Driver	Expanding/New Growth	
Construction Cost Estimate	<\$2M	
Goals	Evaluate the feasibility of ASR in the North Texas region of the Trinity Aquifer, and provide cost estimate	
Project Source	Long Range Water Supply Plan by FNI, 2023	
Trigger	Additional water supply needed	
Target In-Service Date	N/A	
Scope	ASR Feasibility Study, including the following parameters, hydraulic conductivity , native water quality, potential geochemical reactions, potential competition/impact from other producers, ASR pilot study coordination and permitting (if feasibility study recommends).	

Project Name		Wylie WTP IV Expansion
Phase	Design	
Project Driver	Expanding/New Growth	
Construction Cost Estimate	>\$50M	
Goals	Expand Plant IV South by 70 MGD to 140 MGD	
Project Source	Wylie WTP Master Plan by H&S, 2023	
Trigger	Wylie WTP service area demands exceed 740 MGD	
Target In-Service Date	2028	
Scope	Major components are installation of side stream chemical injection, rapid-mix, two new flocculation/sedimentation basins, twelve new filters, new equipment for existing ozone contactor, disinfectant related infrastructures, all associated electrical equipment.	

Project Name		0564 - Water Treatment Plant Back-Up Power Improvements
Phase	Design	
Project Driver	Expanding/New Growth	
Construction Cost Estimate	\$26M-\$50M	
Goals	Provide backup power to ensure the continuous service during power outage	
Project Source	Technical Memorandum for NTMWD Wylie WTP Backup Generator Study by GAI, 2021	
Trigger	Reliability of Wylie WTP operation during power outage	
Target In-Service Date	2027	
Scope	Provide evaluations and recommendations to develop and deliver an emergency backup power system to insure sustained operability of the Wylie WTP in the event of a utility power outage.	

Regional Water System (continued)

Project Name	Plant I and II Interconnection
Phase	Design
Project Driver	Expanding/New Growth
Construction Cost Estimate	\$6M-\$15M
Goals	Provide 14 MGD additional capacity for Plants II-IV distribution systems by transferring treated water from Plant I.
Project Source	Wylie WTP Master Plan by H&S, 2023
Trigger	Operational flexibility
Target In-Service Date	2027
Scope	Approximately 0.2 miles of 72-inch water pipe and a control valve vault to connect Plant I HSPS to Plant II clear wells

Project Name	SCADA System Upgrade 2023
Phase	Design
Project Driver	Expanding/New Growth
Construction Cost Estimate	\$2M-\$5M
Goals	Increase the longevity and reliability of the Wylie WTP SCADA system
Project Source	SCADA Road Map
Trigger	Existing control panel equipment is obsolete and no longer supported by the manufacturer
Target In-Service Date	2026
Scope	Water transmission system schneider PLC upgrades, Wylie WTP I - IV network switch upgrades, PLC and UPS upgrades at Wylie WTP II - IV, Schneider PLC upgrades at Wylie WTP IV.

Project Name	New WTP in Southeast Service Area
Phase	Feasibility Study
Project Driver	Expanding/New Growth
Construction Cost Estimate	<\$2M
Goals	Feasibility study of constructing a new WTP in southeast service area to treat water from the new supply sources
Project Source	Long Range Water Supply Plan by FNI, 2023
Trigger	Regional water system maximum day demand reaches combined water treatment capacity at Wylie, Tawakoni and Leonard WTPs
Target In-Service Date	N/A
Scope	Feasibility study of a new WTP in southeast service area including site selection, permitting, cost benefit analysis and construction phasing plan development.

Project Name	Wylie WTP II Control Valve and Interconnection
Phase	Design
Project Driver	Expanding/New Growth
Construction Cost Estimate	\$6M-\$15M
Goals	Provide more treated water to East System from Wylie WTP II HSPS
Project Source	East System Hydraulic analysis by FNI, 2022
Trigger	East System demand reaches 70 MGD
Target In-Service Date	2026
Scope	Wylie WTP II Control Valve and Interconnection, including valve, valve vault, flow meter, pressure transmitter and water pipes, East System 36-inch Interconnection, including valve, valve vault and related SCADA for both.

Regional Water System (continued)

Project Name	Shiloh Pump Station Capacity Improvement
Phase	Design
Project Driver	Expanding/New Growth
Construction Cost Estimate	\$2M-\$5M
Goals	Increase the pumping capacity of Shiloh Pump Station
Project Source	Transmission CIP by H&S, 2021
Trigger	Demand projections Shiloh System at Richardson No. 2 and Plano No. 3 reach 50 MGD
Target In-Service Date	2026
Scope	Replacement with new 25 MGD pump, piping and related valve, increasing the firm capacity of Pump Station 2 to 75 MGD. Decommission Pump Station 1 and related yard piping. Installation of new control valve/meter vaults.

Project Name	Leonard TWPL to Farmersville Pipeline
Phase	Design
Project Driver	Expanding/New Growth
Construction Cost Estimate	>\$50M
Goals	Supply East Transmission System with Leonard WTP treated water
Project Source	East Transmission System Hydraulic Analysis by FNI, 2022
Trigger	East System peak demand exceeds 100 MGD, or demand in 24-inch reaches capacity
Target In-Service Date	2028
Scope	Approximately 10 miles of 30-inch water pipe from the Leonard WTP treated water line to Farmersville DP to provide more capacity to the 24-inch line in the east system.

Wastewater Systems (RWWS, UEFIS and Small Systems)

Project Name	Lower Tickey Creek Force Main
Phase	Preliminary Design
Project Driver	Expanding/New Growth
Construction Cost Estimate	>\$50M
Goals	Increase wastewater conveyance capacity from Princeton towards the Sister Grove Regional Water Resource Recovery Facility (RWRRF) and away from the Wilson Creek Regional Wastewater Treatment Plant (RWWTTP)
Project Source	Upper East Fork Interceptor System (UEFIS) Capacity Assessment and Assurance project by Jacobs, 2023
Trigger	Wastewater flow projections expected to exceed existing conveyance and treatment capacity
Target In-Service Date	2030
Scope	New force main from the new Lower Tickey Creek Lift Station (LS) to the Sister Grove RWRRF. The project includes approximately 7.6 miles of 60-inch and 2 miles of 54-inch pipeline.

Project Name	Lower Tickey Creek Lift station
Phase	Preliminary Design & Property
Project Driver	Expanding/New Growth
Construction Cost Estimate	>\$50M
Goals	Increase wastewater pumping capacity from Princeton towards the Sister Grove RWRRF and away from the Wilson Creek RWWTTP
Project Source	UEFIS Capacity Assessment and Assurance project by Jacobs, 2023
Trigger	Wastewater flow projections expected to exceed existing conveyance and treatment capacity
Target In-Service Date	2030
Scope	A new lift station with an initial pump capacity of 50 MGD with 3.9 MG peak flow storage.

Wastewater Systems (continued)

Project Name	Clemons Creek Lift Station
Phase	Preliminary Design
Project Driver	Expanding/New Growth
Construction Cost Estimate	>\$50M
Goals	Increase wastewater pumping capacity from McKinney, Anna, and Melissa towards the Sister Grove RWRRF and away from the Wilson Creek RWWTP
Project Source	UEFIS Capacity Assessment and Assurance project by Jacobs, 2023
Trigger	Wastewater flow projections expected to exceed existing conveyance and treatment capacity
Target In-Service Date	2030
Scope	Future lift station site to offload flows from the McKinney Eastside Gravity interceptor parallels and pump directly to Sister Grove RWRRF.

Project Name	McKinney Prosper Parallel Sewer
Phase	Preliminary Design
Project Driver	Peak Flows/New Growth
Construction Cost Estimate	\$6M-\$15M
Goals	Increase wastewater pumping capacity from Prosper and McKinney towards the Sister Grove RWRRF and away from the Wilson Creek RWWTP
Project Source	UEFIS Capacity Assessment and Assurance project by Jacobs, 2023
Trigger	Wastewater flow projections expected to exceed existing conveyance and treatment capacity
Target In-Service Date	2029
Scope	Parallel existing sewer from the Prosper billing meter to the Stover Creek Lift Station site.

Project Name	0504 - North McKinney Parallel Interceptor Mitigation Projects
Phase	Construction
Project Driver	Expanding/New Growth
Construction Cost Estimate	<\$2M
Goals	Fund US Army Corps of Engineers (USACE) mitigation improvements, including boundary line fencing for a separate UEFIS project.
Project Source	USACE coordination
Trigger	Wastewater flow projections expected to exceed existing conveyance capacity
Target In-Service Date	2025
Scope	Install 2.5 miles of parallel 54-inch and 66-inch interceptor between Princeton and the Wilson Creek RWWTP to meet growth in Princeton. Construct a flow diversion structure to ensure maximum utilization of the capacity of the existing force main.

Project Name	0525 - South Mesquite Regional WWTP Peak Flow Management and Expansion
Phase	Master Plan Preliminary & Construction
Project Driver	Expanding/New Growth
Construction Cost Estimate	>\$50M
Goals	Increase wastewater treatment capacity serving the southern systems
Project Source	South Mesquite Systems Capacity Assessment & Assurance by FNI, 2021
Trigger	Wastewater flow projections expected to exceed existing treatment capacity
Target In-Service Date	2026
Scope	Expand Annual Average Daily Flow (AADF) treatment capacity from 33 MGD to 41 MGD. Expand Peak 2-Hour (P2HF) treatment capacity from 82.5 MGD to 102.5 MGD. Includes 90 MGD headworks facility, 3.5 MG peak flow storage basin, primary influent splitter box modifications, dual 42-inch pipes from manifold and electrical improvements. Master Plan to site future expansions.

Wastewater Systems (continued)

Project Name	0559 - Preston Road Lift Station Expansion
Phase	Construction
Project Driver	Peak Flows/New Growth
Construction Cost Estimate	\$6M-\$15M
Goals	Increase transfer capacity at the Preston Rd LS to re-direct flows away from the Wilson Creek RWTP and towards the Sister Grove RWRRF
Project Source	UEFIS Capacity Assessment and Assurance project by Jacobs, 2023
Trigger	Conveyance and treatment limitations in the western area of the UEFIS
Target In-Service Date	2026
Scope	Maximize the infrastructure of the existing lift station to meet the buildout flow for a 2-yr 24hr peak flow. Include pump replacement and peak flow storage. A future phase will provide a solution to meet ultimate peak flow projections.

Project Name	Upper East Fork Interceptor System Capacity Assessment and Assurance
Phase	Design
Project Driver	Peak Flows/New Growth
Construction Cost Estimate	\$2M-\$5M
Goals	Strategic plan to meet system needs for the 5-yr, 10-yr, 20-yr and buildout planning horizons
Project Source	Regional Capacity, Management, Operations and Maintenance Plan by CH2M, 2016
Trigger	Growth of service area and available conveyance capacity of the collection system
Target In-Service Date	2025
Scope	Update existing hydraulic sewer collection model with revised flow projections, collect temporary flow monitoring data, calibrate the hydraulic model and provide strategic plan for system improvements to meet future service goals.

Project Name	0426 - Sister Grove Regional Water Resource Recovery Facility
Phase	Construction
Project Driver	Expanding/New Growth
Construction Cost Estimate	\$6M-\$15M
Goals	Increase wastewater treatment capacity serving the UEFIS service area
Project Source	Regional WRRF Conceptual Design by CH2M, 2019
Trigger	Wastewater flow projections expected to exceed existing treatment capacity
Target In-Service Date	2023
Scope	New RWRRF to treat UEFIS flow projections. Phase I includes 16 MGD of AADF and 64 MGD P2HF of treatment. This construction phase is for GMP No. 7 for fencing, start-up, commissioning and potable water line.

Project Name	0622 - Rowlett Creek Regional WWTP MBR Maintenance Improvements
Phase	Design
Project Driver	Maintaining Aging Infrastructure
Construction Cost Estimate	<\$2M
Goals	Provide staff safe access to Membrane Bio-Reactors (MBR)
Project Source	Nomination by Staff
Trigger	Staff safety
Target In-Service Date	2026
Scope	Provide a bridge crane/trolley system for safe access to maintain the MBR. Includes fall protection device for worker safety and a canopy system to protect open-top MBR basin from debris and damage.

Wastewater Systems (continued)

Project Name	0471 - Rowlett Creek RWWTP Peak Flow Management Improvements, Phase II
Phase	Construction
Project Driver	Peak Flows/New Growth
Construction Cost Estimate	>\$50M
Goals	Increasing the peak 2-Hr flow treatment capacity
Project Source	Rowlett Creek RWWTP Preliminary Engineering Report by CH2M, 2014
Trigger	Meeting growth projections in the UEFIS
Target In-Service Date	2028
Scope	Increasing the peak 2-Hr flow treatment capacity by implementing step-feed process improvements. Includes improvements to influent pumping, aeration, secondary clarification, disc filters and UV facilities among others.

Project Name	Buffalo Creek Interceptor System Capacity Assessment and Assurance 2024
Phase	Design
Project Driver	Peak Flows/New Growth
Construction Cost Estimate	<\$2M
Goals	Strategic plan to meet system needs for the 5-yr, 10-yr, 20-yr and buildout planning horizons
Project Source	Regional Capacity, Management, Operations and Maintenance Plan by CH2M, 2016
Trigger	Growth of service are and available conveyance capacity of the collection system
Target In-Service Date	2025
Scope	Update existing hydraulic sewer collection model with revised flow projections, collect temporary flow monitoring data, calibrate the hydraulic model and provide strategic plan for system improvements to meet future service goals.

Project Name	Forney Mustang Creek Interceptor System Capacity Assessment and Assurance 2024
Phase	Design
Project Driver	Peak Flows/New Growth
Construction Cost Estimate	<\$2M
Goals	Strategic plan to meet system needs for the 5-yr, 10-yr, 20-yr and buildout planning horizons
Project Source	Regional Capacity, Management, Operations and Maintenance Plan by CH2M, 2016
Trigger	Growth of service are and available conveyance capacity of the collection system
Target In-Service Date	2025
Scope	Update existing hydraulic sewer collection model with revised flow projections, collect temporary flow monitoring data, calibrate the hydraulic model and provide strategic plan for system improvements to meet future service goals.

Project Name	Lower East Fork Interceptor System Capacity Assessment and Assurance 2024
Phase	Design
Project Driver	Peak Flows/New Growth
Construction Cost Estimate	<\$2M
Goals	Strategic plan to meet system needs for the 5-yr, 10-yr, 20-yr and buildout planning horizons
Project Source	Regional Capacity, Management, Operations and Maintenance Plan by CH2M, 2016
Trigger	Growth of service are and available conveyance capacity of the collection system
Target In-Service Date	2025
Scope	Update existing hydraulic sewer collection model with revised flow projections, collect temporary flow monitoring data, calibrate the hydraulic model and provide strategic plan for system improvements to meet future service goals.

Wastewater Systems (continued)

Project Name	0561 - Forney Mustang Creek Lift Station, Phase II and Forney Mustang Creek Parallel Force Main
Phase	Construction
Project Driver	Expanding/New Growth
Construction Cost Estimate	\$16M-\$25M
Goals	A new force main and expansion of the lift station to 30 MGD are needed to meet the growth projections of the City of Forney.
Project Source	South Mesquite Systems" Capacity Assessment & Assurance by FNI, 2021
Trigger	Meeting growth projections in Forney and Windmill Farms development
Target In-Service Date	2030
Scope	Approximately 3 miles of 36-inch force main with air relief valves and two additional pumps, motors and adjustable frequency drives (AFD).

Project Name	0535 - Muddy Creek WWTP Operations Building Improvements
Phase	Construction
Project Driver	Expanding/New Growth
Construction Cost Estimate	\$2M-\$5M
Goals	Provide a new building to better meet the functional needs of the employees and renovate a portion of the existing Operations Building to expand the laboratory and control room.
Project Source	Muddy Creek WWTP Master Plan by Carollo, 2021
Trigger	Staff needs
Target In-Service Date	2026
Scope	New 1,700 square foot operations building addition. Renovate 600 square feet of the existing operations building laboratory, control room and break room areas.

Project Name	0592 - Muddy Creek WWTP Expansion to 12.5 MGD
Phase	Construction
Project Driver	Expanding/New Growth
Construction Cost Estimate	>\$50M
Goals	Increase wastewater treatment capacity serving Wylie and Murphy
Project Source	Muddy Creek WWTP Master Plan by Carollo, 2021
Trigger	Wastewater flow projections expected to exceed existing treatment capacity
Target In-Service Date	2024
Scope	Increase AADF treatment capacity from 10 MGD to 12.5 MD and P2HF from 30 MGD to 37.5 MGD. Retrofit existing UV disinfection channels with new UV equipment. Replacement of the belt filter press with screw presses, polymer feed, sludge conveyor and an additional sludge storage tank. Improvements in the electrical and SCADA systems are required to support the upgrade and the upcoming plant expansion. Include new influent metering in the two influent interceptors upstream of the plant.

Project Name	Buffalo Creek Lift Station No. 2
Phase	Design
Project Driver	Peak Flows/New Growth
Construction Cost Estimate	>\$50M
Goals	Increase wastewater conveyance capacity from Rockwall, Heath and Forney to the South Mesquite RWWTP.
Project Source	Feasibility Analysis for Conveyance Alternatives Report by Carollo, 2023
Trigger	Wastewater flow projections expected to exceed existing conveyance capacity
Target In-Service Date	2028
Scope	New 30 MGD lift station adjacent to the existing lift station and connect to the future 42-inch forcemain towards South Mesquite RWWTP.

Wastewater Systems (continued)

Project Name		Buffalo Creek Parallel Interceptor Phase II
Phase		Preliminary Design
Project Driver		Peak Flows/New Growth
Construction Cost Estimate		>\$50M
Goals		Increase wastewater conveyance capacity from Rockwall, Heath and Forney to the South Mesquite WWTP.
Project Source		South Mesquite Systems Capacity Assessment & Assurance by FNI, 2021
Trigger		Wastewater flow projections expected to exceed existing conveyance capacity
Target In-Service Date		2025
Scope		Extending the current Buffalo Creek Parallel Gravity Interceptor Phase I with 6.5-miles of 60-inch gravity interceptor from FM 740 to the Buffalo Creek LS. This project also includes the installation of four permanent flow meters.

Project Name		Buffalo Creek Force Main Parallel
Phase		Design & Easements
Project Driver		Peak Flows/New Growth
Construction Cost Estimate		\$16M-\$25M
Goals		Increase wastewater conveyance capacity from Rockwall, Heath and Forney to the South Mesquite WWTP.
Project Source		Feasibility Analysis for Conveyance Alternatives Report by Carollo, 2023
Trigger		Wastewater flow projections expected to exceed existing conveyance capacity
Target In-Service Date		2028
Scope		Upsize the current 36-inch designed but not yet constructed forcemain from Forney Mustang Creek LS No. 2 to a manifold upstream of the existing Buffalo Creek lift station with a 42-inch forcemain.

Regional Solid Waste System

Project Name		0529 - 121 RDF Heavy Equipment Shop Addition
Phase		Construction
Project Driver		Maintaining Aging Infrastructure
Construction Cost Estimate		\$6M-\$15M
Goals		Necessary workspace for routine maintenance functions
Project Source		Staff Nomination
Trigger		Existing building has inadequate storage and inadequate facilities for staff to perform normal functions
Target In-Service Date		2025
Scope		Expansion of existing building to add storage, work bays, oil storage facility, offices, restrooms, break rooms and lockers for current and future staff.

Project Name		0447 - Parkway Transfer Station Conversion to Top Load
Phase		Construction
Project Driver		Maintaining Aging Infrastructure
Construction Cost Estimate		\$6M-\$15M
Goals		Lower operating cost and efficient solids loading
Project Source		Staff Nomination
Trigger		Top load technology is more efficient than the rear loading method
Target In-Service Date		2026
Scope		Addition of a drive-through tunnel beneath top load floor to allow top loading trailers to be used. Includes paving of routing to and from tunnel.

Regional Solid Waste System (continued)

Project Name	0613 - Wylie Fleet Maintenance Service Center
Phase	Construction
Project Driver	Expanding/New Growth
Construction Cost Estimate	\$2M-\$5M
Goals	Refurbish the existing facility to meet the growth needs of the Solid Waste and Wastewater systems
Project Source	Staff Nomination
Trigger	System growth and limited space at the Wylie facility
Target In-Service Date	2026
Scope	Remodel existing service center located at the Wylie Water Treatment Plant site to meet the growing needs of the Solid Waste and Wastewater systems. Includes demolition and improvements to existing building, surrounding area and relocation of the fleet vehicle fuel tank.

Project Name	North Transfer Station
Phase	Environmental Site Assessment and Property
Project Driver	Expanding/New Growth
Construction Cost Estimate	\$26M-\$50M
Goals	Serve the northern regions of the Solid Waste system
Project Source	Staff Nomination
Trigger	Growth in McKinney, Allen, Frisco, Plano, Richardson
Target In-Service Date	2030
Scope	New solid waste transfer station to serve the northern regions of the Solid Waste system.

Project Name	0569 - 121 RDF Fleet Maintenance Annex Facility Interior Improvements
Phase	Design
Project Driver	Expanding/New Growth
Construction Cost Estimate	\$2M-\$5M
Goals	Adding vehicle maintenance workspace to meet growth projections and reduce driving to Wylie
Project Source	Staff Nomination
Trigger	Operational efficiency by providing a northern location to maintain NTMWD light duty vehicles, provide additional capacity and reduce downtime.
Target In-Service Date	2027
Scope	Additional regional vehicle maintenance office of 10,000 SF with storage and six truck bays.

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2023-24
UPCOMING BOND ISSUES

UPCOMING BOND ISSUES

System / Project	Type	Est Award	Amount
Regional Water System - 12/31/2023 TWDB			
Leonard WTP High Service Pump Station - South	Insp	Dec-23	\$ 8,650,000
Bois d'Arc Lake Raw Water Pump Station Phase II	Cnstr	Dec-23	66,100,000
Bois d'Arc Lake Raw Water Pump Station Phase II	Insp	Dec-23	7,812,000
Leonard WTP Phase II	Cnstr	Dec-23	235,540,000
Leonard WTP Phase II	Insp	Dec-23	9,000,000
BDL/Leonard 30% Contingency	Cnstr	Dec-23	109,160,000
Leonard WTP High Service Pump Station - South (North Portion)	Cnstr	Dec-23	26,300,000
Leonard WTP Terminal Storage Reservoir Phase II (210 MG)	Cnstr	Dec-23	35,925,000
Leonard WTP Terminal Storage Reservoir Phase II (210 MG)	Insp	Dec-23	1,821,000
Total Project Cost			\$ 500,308,000
Buffalo Creek Interceptor - 10/31/23			
Buffalo Creek Parallel Interceptor Phase II - Preliminary Design	Eng	Oct-23	\$ 2,622,000
Buffalo Creek Lift Station No. 2 - Final Design	Eng	Oct-23	4,030,000
Buffalo Creek Parallel Force Main - Final Design and Easements	Eng	Oct-23	1,936,000
Buffalo Creek Interceptor System Other Improvements	Eng	Oct-23	2,412,000
Total Project Cost			\$ 11,000,000
Forney Mustang Creek Interceptor - 11/30/23			
Forney Mustang Creek Interceptor System Capacity Assessment and Assurance 2024	Eng	Oct-23	\$ 651,000
Forney Mustang Creek Lift Station Phase II and Parallel Force Main	Cnstr	Nov-23	23,072,000
Forney Mustang Creek Lift Station Phase II and Parallel Force Main	Insp	Nov-23	1,007,000
Forney Mustang Creek Lift Station Phase II and Parallel Force Main	Cnstr	Nov-23	1,154,000
Total Project Cost			\$ 25,884,000
Muddy Creek Wastewater Treatment Plant - 01/31/24			
Muddy Creek WWTP Operations Building Improvements	Cnstr	Jan-24	\$ 1,731,000
Muddy Creek WWTP Operations Building Improvements	Insp	Jan-24	773,000
Muddy Creek WWTP Operations Building Improvements	Cnstr	Jan-24	347,000
Muddy Creek WWTP Expansion to 12.5 MGD	Cnstr	Feb-24	75,638,000
Muddy Creek WWTP Expansion to 12.5 MGD	Insp	Feb-24	4,635,000
Muddy Creek WWTP Expansion to 12.5 MGD	Eng	Feb-24	3,782,000
Muddy Creek WWTP Expansion to 12.5 MGD	Cnstr	Feb-24	15,128,000
Total Project Cost			\$ 102,034,000
Grand Total			\$ 639,226,000

2023-24
DEBT AMORTIZATION SCHEDULES

OUTSTANDING DEBT SUMMARY

System	Final Maturity	Future Debt Service Requirements				Credit Ratings			
		Original Par Amount	Principal	Interest	Total	Moody's	S&P	Moody's	Short Term - ECP
RWS	9/1/51	\$2,879,030,000	\$2,442,330,000	\$1,022,981,577	\$3,465,311,577	Aa1	AAA	P-1	A-1+
RWWS	6/1/51	947,895,000	830,080,000	170,248,686	1,000,328,686	Aa2	AAA	P-1	A-1+
RSWS	9/1/43	94,320,000	75,310,000	27,878,722	103,188,722	Aa2	AA+		
UEFIS	6/1/51	449,125,000	354,495,000	127,883,773	482,378,773	Aa1	AAA	P-1	A-1+
Buffalo Creek Interceptor	6/1/52	86,095,000	75,640,000	26,838,358	102,478,358	A1	AA		
Lower East Fork Interceptor	6/1/26	10,745,000	3,695,000	236,650	3,931,650	Aa2	AA		
Muddy Creek Interceptor	6/1/24	2,135,000	250,000	7,500	257,500		AA		
Muddy Creek WWTP	6/1/40	23,015,000	17,185,000	4,360,950	21,545,950	A1	AA		
Mustang Creek Interceptor	6/1/50	34,455,000	29,965,000	14,002,057	43,967,057	A1	A+		
Panther Creek WWTP	6/1/40	36,190,000	18,825,000	3,335,394	22,160,394	Aa3	AA-		
Parker Creek Parallel Interceptor	6/1/36	3,045,000	2,210,000	455,031	2,665,031		A		
South Rockwall Creek WWTP	6/1/28	2,960,000	1,055,000	188,313	1,243,313	A1	AA		
Rockwall Water Pump Station Facilities	6/1/26	2,145,000	470,000	43,855	513,855	A1	AA		
Rockwall-Heath Water Storage Facilities	6/1/25	3,020,000	440,000	28,155	468,155	A1	AA		
Sabine Creek WWTP	6/1/52	95,925,000	92,810,000	68,119,125	160,929,125	A2	A		
Stewart Creek West WWTP	6/1/35	65,845,000	45,200,000	12,108,088	57,308,088	Aa3	AA-		
Terrell Water Transmission Facilities	6/1/35	10,465,000	7,110,000	1,923,481	9,033,481		A		
Total		\$4,746,410,000	\$3,997,070,000	\$1,480,639,715	\$5,477,709,715				

The District provides an annual report of outstanding debt obligations in accordance with Texas House Bill No. 1378 and a link to the report is listed below. This report provides additional information on outstanding bonds including the bonds' purpose, outstanding proceeds, responsible parties, etc. <https://www.ntmwd.com/finances/financial-transparency/debt-obligations/>

The following pages list the existing amortization schedules for all outstanding debt.

DEBT AMORTIZATION SCHEDULE

REGIONAL WATER SYSTEM REVENUE BONDS

September 30, 2023

Fiscal Year	Interest Rate of Maturing Bonds	September 1 Principal	March 1 Interest	September 1 Interest	Total
2024	1.3-5.0%	\$ 100,215,000	\$ 42,764,454	\$ 42,764,454	\$ 185,743,907
2025	1.5-5.0%	98,995,000	40,992,237	40,992,237	180,979,474
2026	1.6-5.0%	101,595,000	39,227,173	39,227,173	180,049,346
2027	1.7-5.0%	105,495,000	37,320,014	37,320,014	180,135,029
2028	1.9-5.0%	106,525,000	35,315,700	35,315,700	177,156,400
2029	2.1-5.0%	109,690,000	33,327,407	33,327,407	176,344,815
2030	2.3-5.0%	113,000,000	31,224,159	31,224,159	175,448,318
2031	2.4-5.0%	118,480,000	29,298,234	29,298,234	177,076,468
2032	2.5-5.0%	123,280,000	27,053,590	27,053,590	177,387,181
2033	2.6-5.0%	105,630,000	24,817,271	24,817,271	155,264,542
2034	2.7-5.0%	109,550,000	22,853,377	22,853,377	155,256,754
2035	2.7-5.0%	108,345,000	20,823,243	20,823,243	149,991,486
2036	2.8-5.0%	95,355,000	18,808,466	18,808,466	132,971,933
2037	2.0-5.0%	91,880,000	17,127,379	17,127,379	126,134,757
2038	2.0-4.0%	95,015,000	15,600,354	15,600,354	126,215,708
2039	2.0-4.0%	91,585,000	14,085,709	14,085,709	119,756,417
2040	2.0-4.0%	88,545,000	12,610,569	12,610,569	113,766,139
2041	3.0-4.0%	84,985,000	11,169,678	11,169,678	107,324,357
2042	2.4-4.0%	87,860,000	9,744,803	9,744,803	107,349,606
2043	2.4-4.0%	90,845,000	8,277,249	8,277,249	107,399,499
2044	2.4-4.0%	93,935,000	6,758,153	6,758,153	107,451,305
2045	2.4-4.0%	89,750,000	5,185,462	5,185,462	100,120,924
2046	2.4-4.0%	92,710,000	3,704,377	3,704,377	100,118,753
2047	2.5-3.4%	80,815,000	2,174,024	2,174,024	85,163,048
2048	2.5-3.4%	39,770,000	890,919	890,919	41,551,838
2049	2.5-3.0%	13,825,000	250,915	250,915	14,326,830
2050	2.5%	2,300,000	57,024	57,024	2,414,048
2051	2.5%	2,355,000	28,849	28,849	2,412,698
		<u>\$ 2,442,330,000</u>	<u>\$ 511,490,789</u>	<u>\$ 511,490,789</u>	<u>\$ 3,465,311,577</u>

The bonds bear interest payable March 1 and September 1 of each year with principal due September 1 of each year.

DEBT AMORTIZATION SCHEDULE

REGIONAL WASTEWATER SYSTEM REVENUE BONDS

September 30, 2023

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2024	3.0-5.0%	\$ 22,525,000	\$ 6,944,098	\$ 6,944,098	\$ 36,413,197
2025	3.0-5.0%	24,195,000	6,610,411	6,610,411	37,415,822
2026	3.0-5.0%	28,855,000	6,247,570	6,247,570	41,350,141
2027	3.0-5.0%	34,080,000	5,883,233	5,883,233	45,846,466
2028	3.0-5.0%	34,795,000	5,525,664	5,525,664	45,846,328
2029	3.0-5.0%	32,175,000	5,151,552	5,151,552	42,478,103
2030	3.1-5.0%	30,245,000	4,844,473	4,844,473	39,933,947
2031	3.0-5.0%	30,760,000	4,580,355	4,580,355	39,920,709
2032	3.1-5.0%	30,285,000	4,325,886	4,325,886	38,936,772
2033	3.3-5.0%	30,800,000	4,083,042	4,083,042	38,966,084
2034	3.4-5.0%	29,575,000	3,828,895	3,828,895	37,232,791
2035	3.4-5.0%	30,095,000	3,590,648	3,590,648	37,276,297
2036	2.0-5.0%	30,640,000	3,342,230	3,342,230	37,324,459
2037	2.0-4.5%	31,220,000	3,101,567	3,101,567	37,423,134
2038	2.0-4.5%	31,820,000	2,867,742	2,867,742	37,555,484
2039	2.1-4.5%	32,465,000	2,623,036	2,623,036	37,711,072
2040	2.1-5.0%	33,120,000	2,377,148	2,377,148	37,874,297
2041	0.0-5.0%	33,815,000	2,111,273	2,111,273	38,037,547
2042	0.0-5.0%	34,540,000	1,840,014	1,840,014	38,220,027
2043	0.1-4.0%	35,310,000	1,554,358	1,554,358	38,418,717
2044	0.1-4.0%	36,105,000	1,266,059	1,266,059	38,637,119
2045	0.1-4.0%	36,940,000	955,833	955,833	38,851,666
2046	0.1-4.0%	34,655,000	639,021	639,021	35,933,041
2047	0.1-3.8%	27,565,000	370,942	370,942	28,306,885
2048	0.1-3.3%	24,630,000	231,813	231,813	25,093,626
2049	0.1-3.3%	24,935,000	149,696	149,696	25,234,392
2050	0.2-2.5%	22,780,000	64,068	64,068	22,908,135
2051	2.4%	1,155,000	13,716	13,716	1,182,431
		<u>\$ 830,080,000</u>	<u>\$ 85,124,343</u>	<u>\$ 85,124,343</u>	<u>\$ 1,000,328,686</u>

The bonds bear interest payable December 1 and June 1 of each year with principal due June 1 of each year.

DEBT AMORTIZATION SCHEDULE

UPPER EAST FORK INTERCEPTOR SYSTEM REVENUE BONDS

September 30, 2023

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2024	4.0-5.5%	\$ 16,095,000	\$ 6,259,359	\$ 6,259,359	\$ 28,613,718
2025	4.0-5.5%	15,685,000	5,868,146	5,868,146	27,421,293
2026	3.0-5.0%	17,620,000	5,494,234	5,494,234	28,608,468
2027	3.0-5.0%	19,585,000	5,082,134	5,082,134	29,749,268
2028	3.0-5.0%	20,545,000	4,622,371	4,622,371	29,789,743
2029	3.0-5.0%	19,255,000	4,151,484	4,151,484	27,557,968
2030	3.0-5.0%	16,200,000	3,711,084	3,711,084	23,622,168
2031	3.0-5.0%	16,880,000	3,394,353	3,394,353	23,668,705
2032	3.0-5.0%	17,605,000	3,055,428	3,055,428	23,715,855
2033	3.0-5.0%	14,920,000	2,739,684	2,739,684	20,399,368
2034	3.0-5.0%	15,515,000	2,481,765	2,481,765	20,478,530
2035	2.0-5.0%	16,125,000	2,212,165	2,212,165	20,549,330
2036	2.0-5.0%	14,495,000	1,935,225	1,935,225	18,365,450
2037	2.0-4.0%	12,090,000	1,691,188	1,691,188	15,472,375
2038	2.0-3.0%	8,190,000	1,519,966	1,519,966	11,229,931
2039	2.0-3.0%	8,390,000	1,424,891	1,424,891	11,239,781
2040	2.0-3.0%	8,595,000	1,325,847	1,325,847	11,246,694
2041	2.1-3.0%	8,835,000	1,224,272	1,224,272	11,283,544
2042	2.1-3.0%	9,075,000	1,115,997	1,115,997	11,306,994
2043	2.1-3.0%	9,325,000	1,004,634	1,004,634	11,334,269
2044	2.3-3.0%	9,595,000	886,741	886,741	11,368,481
2045	2.3-3.0%	9,875,000	763,047	763,047	11,401,094
2046	2.3-3.0%	10,160,000	635,634	635,634	11,431,269
2047	2.4-3.0%	9,195,000	504,422	504,422	10,203,844
2048	2.4-3.0%	9,450,000	385,794	385,794	10,221,588
2049	2.4-3.0%	9,720,000	263,797	263,797	10,247,594
2050	2.4-2.5%	7,265,000	138,234	138,234	7,541,469
2051	2.4%	4,210,000	49,994	49,994	4,309,988
		<u>\$ 354,495,000</u>	<u>\$ 63,941,887</u>	<u>\$ 63,941,887</u>	<u>\$ 482,378,773</u>

The bonds bear interest payable December 1 and June 1 of each year with principal due June 1 of each year.

DEBT AMORTIZATION SCHEDULE

BUFFALO CREEK INTERCEPTOR REVENUE BONDS

September 30, 2023

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2024	1.1-4.0%	\$ 1,875,000	\$ 842,617	\$ 842,617	\$ 3,560,235
2025	1.1-4.0%	1,835,000	815,017	815,017	3,465,035
2026	1.1-4.0%	2,240,000	791,092	791,092	3,822,185
2027	1.1-4.0%	2,295,000	764,410	764,410	3,823,820
2028	1.1-4.0%	2,145,000	736,847	736,847	3,618,695
2029	1.1-4.0%	2,190,000	711,502	711,502	3,613,005
2030	1.1-4.0%	2,250,000	684,377	684,377	3,618,755
2031	1.2-4.0%	2,300,000	656,037	656,037	3,612,074
2032	1.2-4.0%	2,350,000	635,566	635,566	3,621,132
2033	1.4-3.0%	2,405,000	614,238	614,238	3,633,476
2034	1.6-3.0%	2,460,000	592,397	592,397	3,644,794
2035	1.7-3.0%	2,520,000	569,120	569,120	3,658,239
2036	1.8-3.0%	2,570,000	544,425	544,425	3,658,850
2037	1.9-3.0%	2,630,000	518,538	518,538	3,667,077
2038	2.0-3.0%	2,685,000	491,379	491,379	3,667,759
2039	2.0-3.0%	2,745,000	463,170	463,170	3,671,340
2040	2.0-3.0%	2,805,000	433,868	433,868	3,672,736
2041	2.0-3.0%	2,870,000	403,567	403,567	3,677,135
2042	2.0-3.0%	2,940,000	372,062	372,062	3,684,124
2043	2.0-3.0%	3,020,000	339,352	339,352	3,698,704
2044	2.0-2.8%	3,090,000	305,458	305,458	3,700,916
2045	2.0-2.8%	3,170,000	270,899	270,899	3,711,798
2046	2.0-2.8%	3,245,000	235,141	235,141	3,715,283
2047	2.0-2.8%	3,330,000	198,318	198,318	3,726,636
2048	2.0-2.8%	3,410,000	160,289	160,289	3,730,579
2049	2.5%	3,505,000	121,186	121,186	3,747,372
2050	2.5%	3,195,000	80,821	80,821	3,356,642
2051	2.5%	1,760,000	44,743	44,743	1,849,486
2052	2.5%	1,805,000	22,743	22,743	1,850,486
		\$ 75,640,000	\$ 13,419,179	\$ 13,419,179	\$ 102,478,358

The bonds bear interest payable December 1 and June 1 of each year with principal due June 1 of each year.

DEBT AMORTIZATION SCHEDULE**LOWER EAST FORK INTERCEPTOR REVENUE BONDS**

September 30, 2023

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2024	4.0%	\$ 1,180,000	\$ 61,325	\$ 61,325	\$ 1,302,650
2025	3.0%	1,230,000	37,725	37,725	1,305,450
2026	3.0%	1,285,000	19,275	19,275	1,323,550
		<u>\$ 3,695,000</u>	<u>\$ 118,325</u>	<u>\$ 118,325</u>	<u>\$ 3,931,650</u>

The bonds bear interest payable December 1 and June 1 of each year with principal due June 1 of each year.

DEBT AMORTIZATION SCHEDULE

MUDDY CREEK WASTEWATER TREATMENT PLANT REVENUE BONDS

September 30, 2023

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2024	3.0-4.0%	\$ 1,325,000	\$ 275,325	\$ 275,325	\$ 1,875,650
2025	2.9-4.0%	1,375,000	253,600	253,600	1,882,200
2026	2.8-4.0%	1,430,000	231,281	231,281	1,892,563
2027	4.0%	810,000	205,088	205,088	1,220,175
2028	4.0%	845,000	188,888	188,888	1,222,775
2029	3.0-4.0%	875,000	171,988	171,988	1,218,975
2030	4.0%	910,000	156,613	156,613	1,223,225
2031	3.0-4.0%	945,000	138,413	138,413	1,221,825
2032	3.0-3.5%	970,000	121,788	121,788	1,213,575
2033	3.0%	1,005,000	105,988	105,988	1,216,975
2034	2.5-3.0%	1,035,000	90,913	90,913	1,216,825
2035	2.0-3.1%	1,065,000	76,725	76,725	1,218,450
2036	2.5-3.3%	1,095,000	63,178	63,178	1,221,356
2037	2.5-3.3%	1,125,000	47,503	47,503	1,220,006
2038	2.5-3.4%	1,155,000	31,397	31,397	1,217,794
2039	2.4%	605,000	14,488	14,488	633,975
2040	2.4%	615,000	7,303	7,303	629,606
		<u>\$ 17,185,000</u>	<u>\$ 2,180,475</u>	<u>\$ 2,180,475</u>	<u>\$ 21,545,950</u>

The bonds bear interest payable December 1 and June 1 of each year with principal due June 1 of each year.

DEBT AMORTIZATION SCHEDULE**MUDY CREEK INTERCEPTOR SYSTEM REVENUE BONDS**

September 30, 2023

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2024	3.0%	\$ 250,000	\$ 3,750	\$ 3,750	\$ 257,500
		\$ 250,000	\$ 3,750	\$ 3,750	\$ 257,500

The bonds bear interest payable December 1 and June 1 of each year with principal due June 1 of each year.

DEBT AMORTIZATION SCHEDULE

MUSTANG CREEK INTERCEPTOR REVENUE BONDS

September 30, 2023

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2024	3.0-5.1%	\$ 800,000	\$ 522,353	\$ 522,353	\$ 1,844,706
2025	4.0-5.1%	840,000	503,134	503,134	1,846,269
2026	3.0-5.1%	880,000	482,456	482,456	1,844,913
2027	3.0-5.0%	915,000	465,569	465,569	1,846,138
2028	3.0-5.0%	960,000	446,369	446,369	1,852,738
2029	3.0-4.0%	1,000,000	426,219	426,219	1,852,438
2030	3.0-4.0%	1,045,000	408,494	408,494	1,861,988
2031	3.0-4.0%	1,090,000	389,994	389,994	1,869,988
2032	3.0-4.0%	1,130,000	370,219	370,219	1,870,438
2033	3.0-4.0%	1,180,000	349,719	349,719	1,879,438
2034	3.0-3.4%	1,230,000	328,056	328,056	1,886,113
2035	2.5-3.4%	1,280,000	308,781	308,781	1,897,563
2036	2.5-3.5%	1,325,000	289,047	289,047	1,903,094
2037	2.6-3.5%	1,375,000	268,309	268,309	1,911,619
2038	2.6-3.5%	1,425,000	246,672	246,672	1,918,344
2039	2.8-3.6%	1,485,000	223,766	223,766	1,932,531
2040	2.8-3.6%	1,535,000	199,431	199,431	1,933,863
2041	3.0-3.6%	1,600,000	173,769	173,769	1,947,538
2042	3.0-3.6%	1,660,000	146,806	146,806	1,953,613
2043	3.0-3.4%	1,040,000	118,819	118,819	1,277,638
2044	3.0-3.4%	1,075,000	101,588	101,588	1,278,175
2045	3.0-3.4%	1,110,000	83,775	83,775	1,277,550
2046	3.0-3.4%	1,150,000	65,381	65,381	1,280,763
2047	3.0-3.4%	1,190,000	46,322	46,322	1,282,644
2048	3.0-3.4%	1,230,000	26,606	26,606	1,283,213
2049	3.0%	205,000	6,225	6,225	217,450
2050	3.0%	210,000	3,150	3,150	216,300
		<u>\$ 29,965,000</u>	<u>\$ 7,001,028</u>	<u>\$ 7,001,028</u>	<u>\$ 43,967,057</u>

The bonds bear interest payable December 1 and June 1 of each year with principal due June 1 of each year.

DEBT AMORTIZATION SCHEDULE

PANTHER CREEK WASTEWATER TREATMENT PLANT REVENUE BONDS

September 30, 2023

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2024	4.0-5.0%	\$ 3,480,000	\$ 425,803	\$ 425,803	\$ 4,331,606
2025	4.0-5.0%	3,640,000	339,828	339,828	4,319,656
2026	4.0-5.0%	3,810,000	249,878	249,878	4,309,756
2027	4.0-5.0%	1,465,000	155,728	155,728	1,776,456
2028	4.0-5.0%	1,535,000	120,253	120,253	1,775,506
2029	4.0%	1,605,000	83,053	83,053	1,771,106
2030	4.0%	255,000	50,953	50,953	356,906
2031	4.0%	265,000	45,853	45,853	356,706
2032	4.0%	275,000	40,553	40,553	356,106
2033	4.0%	280,000	35,053	35,053	350,106
2034	3.0%	290,000	29,453	29,453	348,906
2035	2.5%	300,000	25,103	25,103	350,206
2036	2.5%	305,000	21,353	21,353	347,706
2037	2.6%	315,000	17,541	17,541	350,081
2038	2.6%	325,000	13,406	13,406	351,813
2039	2.6%	335,000	9,141	9,141	353,281
2040	2.8%	345,000	4,744	4,744	354,488
		<u>\$ 18,825,000</u>	<u>\$ 1,667,697</u>	<u>\$ 1,667,697</u>	<u>\$ 22,160,394</u>

The bonds bear interest payable December 1 and June 1 of each year with principal due June 1 of each year.

DEBT AMORTIZATION SCHEDULE

PARKER CREEK PARALLEL INTERCEPTOR REVENUE BONDS

September 30, 2023

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2024	2.0%	\$ 135,000	\$ 29,028	\$ 29,028	\$ 193,056
2025	3.0%	140,000	27,678	27,678	195,356
2026	3.0%	145,000	25,578	25,578	196,156
2027	2.0%	150,000	23,403	23,403	196,806
2028	2.1%	155,000	21,903	21,903	198,806
2029	2.3%	160,000	20,256	20,256	200,513
2030	2.4%	170,000	18,456	18,456	206,913
2031	2.5%	175,000	16,438	16,438	207,875
2032	2.5%	180,000	14,250	14,250	208,500
2033	3.0%	190,000	12,000	12,000	214,000
2034	3.0%	195,000	9,150	9,150	213,300
2035	3.0%	205,000	6,225	6,225	217,450
2036	3.0%	210,000	3,150	3,150	216,300
		<u>\$ 2,210,000</u>	<u>\$ 227,516</u>	<u>\$ 227,516</u>	<u>\$ 2,665,031</u>

The bonds bear interest payable December 1 and June 1 of each year with principal due June 1 of each year.

DEBT AMORTIZATION SCHEDULE**SOUTH ROCKWALL WASTEWATER TREATMENT PLANT****(BUFFALO CREEK) REVENUE BONDS**

September 30, 2023

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2024	5.8%	\$ 190,000	\$ 30,331	\$ 30,331	\$ 250,663
2025	5.8%	200,000	24,869	24,869	249,738
2026	5.8%	210,000	19,119	19,119	248,238
2027	5.8%	220,000	13,081	13,081	246,163
2028	5.8%	235,000	6,756	6,756	248,513
		<u>\$ 1,055,000</u>	<u>\$ 94,156</u>	<u>\$ 94,156</u>	<u>\$ 1,243,313</u>

The bonds bear interest payable December 1 and June 1 of each year with principal due June 1 of each year.

DEBT AMORTIZATION SCHEDULE**ROCKWALL WATER PUMP STATION FACILITIES REVENUE BONDS**

September 30, 2023

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2024	4.6%	\$ 150,000	\$ 10,773	\$ 10,773	\$ 171,545
2025	4.6%	155,000	7,360	7,360	169,720
2026	4.6%	165,000	3,795	3,795	172,590
		<u>\$ 470,000</u>	<u>\$ 21,928</u>	<u>\$ 21,928</u>	<u>\$ 513,855</u>

The bonds bear interest payable December 1 and June 1 of each year with principal due June 1 of each year.

DEBT AMORTIZATION SCHEDULE**ROCKWALL - HEATH WATER STORAGE FACILITIES REVENUE BONDS**

September 30, 2023

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2024	4.2%	\$ 215,000	\$ 9,296	\$ 9,296	\$ 233,593
2025	4.3%	225,000	4,781	4,781	234,563
		<u>\$ 440,000</u>	<u>\$ 14,078</u>	<u>\$ 14,078</u>	<u>\$ 468,155</u>

The bonds bear interest payable December 1 and June 1 of each year with principal due June 1 of each year.

DEBT AMORTIZATION SCHEDULE

SABINE CREEK WASTEWATER TREATMENT PLANT REVENUE BONDS

September 30, 2023

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2024	4.0%	\$ 640,000	\$ 1,965,325	\$ 1,965,325	\$ 4,570,650
2025	4.0%	660,000	1,952,525	1,952,525	4,565,050
2026	3.5-5.0%	2,275,000	1,939,325	1,939,325	6,153,650
2027	2.3-5.0%	2,370,000	1,887,300	1,887,300	6,144,600
2028	2.4-5.0%	2,475,000	1,836,631	1,836,631	6,148,263
2029	2.5-5.0%	2,585,000	1,783,200	1,783,200	6,151,400
2030	3.0-5.0%	2,695,000	1,726,863	1,726,863	6,148,725
2031	2.0-5.0%	2,810,000	1,666,438	1,666,438	6,142,875
2032	2.0-5.0%	2,930,000	1,604,838	1,604,838	6,139,675
2033	2.0-5.0%	3,065,000	1,540,463	1,540,463	6,145,925
2034	2.0-5.0%	3,200,000	1,472,988	1,472,988	6,145,975
2035	2.1-5.0%	3,345,000	1,402,413	1,402,413	6,149,825
2036	2.1-4.0%	3,495,000	1,328,431	1,328,431	6,151,863
2037	2.3-4.0%	2,860,000	1,263,872	1,263,872	5,387,744
2038	2.3-4.0%	2,975,000	1,208,247	1,208,247	5,391,494
2039	2.3-4.0%	3,090,000	1,150,366	1,150,366	5,390,731
2040	2.4-4.0%	3,205,000	1,090,228	1,090,228	5,385,456
2041	2.5-4.0%	3,335,000	1,027,672	1,027,672	5,390,344
2042	2.5-4.1%	3,470,000	962,434	962,434	5,394,869
2043	4.3%	3,400,000	892,531	892,531	5,185,063
2044	4.3%	3,540,000	820,281	820,281	5,180,563
2045	4.3%	3,695,000	745,056	745,056	5,185,113
2046	4.3%	3,850,000	666,538	666,538	5,183,075
2047	4.3%	4,015,000	584,725	584,725	5,184,450
2048	4.4%	4,185,000	499,406	499,406	5,183,813
2049	4.4%	4,365,000	407,859	407,859	5,180,719
2050	4.4%	4,560,000	312,375	312,375	5,184,750
2051	4.4%	4,755,000	212,625	212,625	5,180,250
2052	4.4%	4,965,000	108,609	108,609	5,182,219
		<u>\$ 92,810,000</u>	<u>\$ 34,059,563</u>	<u>\$ 34,059,563</u>	<u>\$ 160,929,125</u>

The bonds bear interest payable December 1 and June 1 of each year with principal due June 1 of each year.

DEBT AMORTIZATION SCHEDULE

STEWART CREEK WASTEWATER TREATMENT PLANT REVENUE BONDS

September 30, 2023

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2024	5.0%	\$ 2,890,000	\$ 875,969	\$ 875,969	\$ 4,641,938
2025	5.0%	3,005,000	803,719	803,719	4,612,438
2026	3.0%	3,125,000	728,594	728,594	4,582,188
2027	3.0%	3,280,000	681,719	681,719	4,643,438
2028	5.0%	3,445,000	632,519	632,519	4,710,038
2029	3.0%	3,615,000	546,394	546,394	4,707,788
2030	4.0%	3,800,000	492,169	492,169	4,784,338
2031	4.0%	3,990,000	416,169	416,169	4,822,338
2032	3.4%	4,190,000	336,369	336,369	4,862,738
2033	4.0%	4,395,000	265,663	265,663	4,926,325
2034	3.5%	4,615,000	177,763	177,763	4,970,525
2035	4.0%	4,850,000	97,000	97,000	5,044,000
		<hr/> <u>\$ 45,200,000</u>	<hr/> <u>\$ 6,054,044</u>	<hr/> <u>\$ 6,054,044</u>	<hr/> <u>\$ 57,308,088</u>

The bonds bear interest payable December 1 and June 1 of each year with principal due June 1 of each year.

DEBT AMORTIZATION SCHEDULE

TERRELL WATER TRANSMISSION FACILITIES REVENUE BONDS

September 30, 2023

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2024	4.0%	\$ 475,000	\$ 131,909	\$ 131,909	\$ 738,819
2025	4.0%	495,000	122,409	122,409	739,819
2026	3.0%	520,000	112,509	112,509	745,019
2027	3.0%	535,000	104,709	104,709	744,419
2028	3.3%	555,000	96,684	96,684	748,369
2029	3.3%	575,000	87,666	87,666	750,331
2030	3.3%	600,000	78,322	78,322	756,644
2031	3.4%	620,000	68,572	68,572	757,144
2032	3.4%	645,000	58,109	58,109	761,219
2033	3.5%	670,000	47,225	47,225	764,450
2034	5.0%	695,000	35,500	35,500	766,000
2035	5.0%	725,000	18,125	18,125	761,250
		<u>\$ 7,110,000</u>	<u>\$ 961,741</u>	<u>\$ 961,741</u>	<u>\$ 9,033,481</u>

The bonds bear interest payable December 1 and June 1 of each year with principal due June 1 of each year.

DEBT AMORTIZATION SCHEDULE

REGIONAL SOLID WASTE SYSTEM REVENUE BONDS

September 30, 2023

Fiscal Year	Interest Rate of Maturing Bonds	September 1 Principal	March 1 Interest	September 1 Interest	Total
2024	5.0%	\$ 4,635,000	\$ 1,726,406	\$ 1,594,641	\$ 7,956,047
2025	5.0%	4,980,000	1,478,766	1,478,766	7,937,531
2026	5.0%	5,205,000	1,354,266	1,354,266	7,913,531
2027	5.0%	4,895,000	1,224,141	1,224,141	7,343,281
2028	3.0-5.0%	5,105,000	1,101,766	1,101,766	7,308,531
2029	3.0-5.0%	3,670,000	991,641	991,641	5,653,281
2030	3.0-5.0%	3,835,000	920,066	920,066	5,675,131
2031	3.0-5.0%	4,000,000	848,366	848,366	5,696,731
2032	3.0-5.0%	4,175,000	773,238	773,238	5,721,475
2033	3.0-5.0%	4,345,000	693,934	693,934	5,732,869
2034	3.0-5.0%	4,535,000	612,453	612,453	5,759,906
2035	3.1-5.0%	4,725,000	526,184	526,184	5,777,369
2036	3.1-5.0%	3,895,000	435,103	435,103	4,765,206
2037	3.1-5.0%	3,555,000	357,191	357,191	4,269,381
2038	4.0-5.0%	2,230,000	283,925	283,925	2,797,850
2039	4.0%	2,335,000	230,500	230,500	2,796,000
2040	4.0%	2,425,000	183,800	183,800	2,792,600
2041	4.0%	2,520,000	135,300	135,300	2,790,600
2042	4.0%	2,080,000	84,900	84,900	2,249,800
2043	4.0%	2,165,000	43,300	43,300	2,251,600
		<u>\$ 75,310,000</u>	<u>\$ 14,005,243</u>	<u>\$ 13,873,478</u>	<u>\$ 103,188,722</u>

The bonds bear interest payable March 1 and September 1 of each year with principal due September 1 of each year.

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PERFORMANCE METRICS

Key Performance Measures

The District takes very seriously the mission of providing safe, high quality and dependable water, wastewater and solid waste services. The operations staff throughout the District share a continuous improvement approach to implement efficiencies and improve the operation and maintenance of facilities. The following are some of the key performance measures for each of the major operating divisions: Water, Wastewater and Solid Waste.

Water Operations Key Performance Measures

District employees work around the clock to manage the treatment plants, pump stations and pipelines within the water system. Hundreds of samples are collected each day which are analyzed in the District's state-accredited laboratory to ensure water quality. The District is proud that the water it supplies to its Member and Customer meets or surpasses federal and state regulatory and water quality standards. The water system consistently earns the "Superior" rating from TCEQ. Some of the key performance measures that have been implemented to quantify how water operations is performing in alignment with NTMWD Strategic Plan Goals & Objectives include: Water Quality, Meeting Water Demand, Monitoring for Zebra Mussels and Utilization of Reuse Water.

Water Quality

Goal:

Produce high quality drinking water by meeting or exceeding all TCEQ standards and NTMWD treatment goals, including maintaining an average annual total chlorine residual above 3 mg/L and achieving the optimized targets for pH, alkalinity and calcium identified in the NTMWD Corrosion Control Study.

Purpose:

Water is essential to life and it's our mission to provide safe and reliable water to all of our Member Cities and Customers.

Strategic Plan Objective:

High Quality Services

Strategic Plan Initiative:

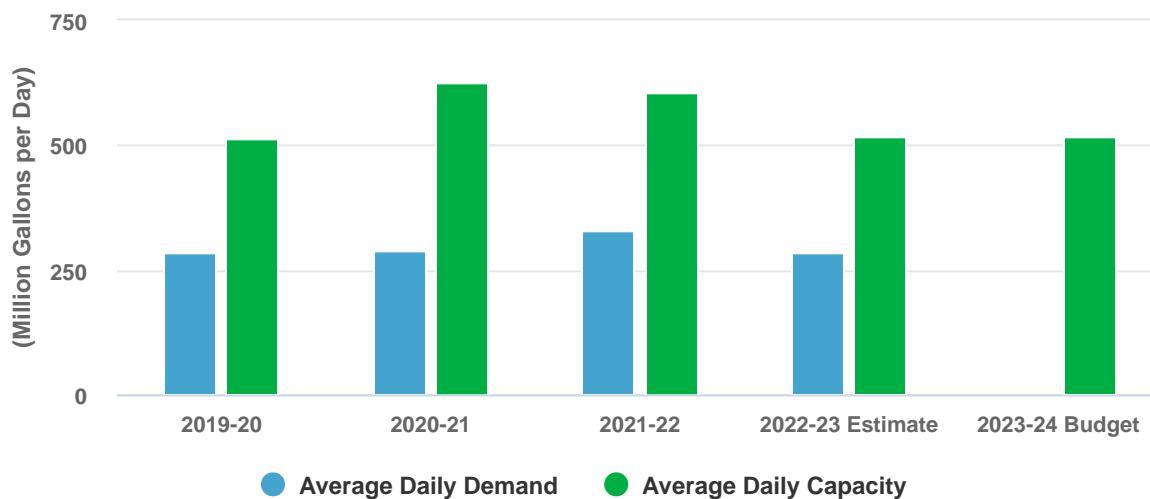
Meet or surpass regulatory requirements

Water provided by the District meets or surpasses Safe Drinking Water Standards established by the EPA as well as regulations set by the TCEQ. The EPA prescribes regulations that limit the amounts of certain contaminants allowed in water after its treatment, when it is delivered by public water systems. The District publishes an Annual Water Quality Report (also known as Consumer Confidence Report) to provide an overview of water quality during the previous calendar year. The District is required under the Safe Water Drinking Act (SDWA) to produce this annual report each year on the quality of its drinking water. The District's Annual Water Quality Reports can be found using the following link: <https://www.ntmwd.com/water-quality-reports/>. The reports inform consumers about drinking water sources, what analytical tests are conducted to ensure the safety of District's drinking water, the results of the analytical testing and how the test results compare to state drinking water standards.

Meet Water Demands

Goal:	Maintain water production capacities and meet all water demands of Member Cities and Customers.
Purpose:	The purpose is to show that the District maintained the required treatment capacity to meet average and peak demand.
Strategic Plan Objective:	High Quality Services
Strategic Plan Initiative:	Enhance system reliability and efficiency

Average Daily Demand vs. Capacity



Peak Demand vs. Capacity



-The demand and capacity numbers (peak and average) reflect the Wylie WTP only.

Monitor for Zebra Mussels

Goal:

Proactively monitor for the presence of zebra mussels in NTMWD water supplies and critical infrastructure by performing visual inspections and collecting at least 80 samples for analysis.

Purpose:

Zebra mussels can block water intake pipes, which could cut off water supply to the water treatment plants. By monitoring for the presence of zebra mussels, NTMWD can take action to keep pipes clear.

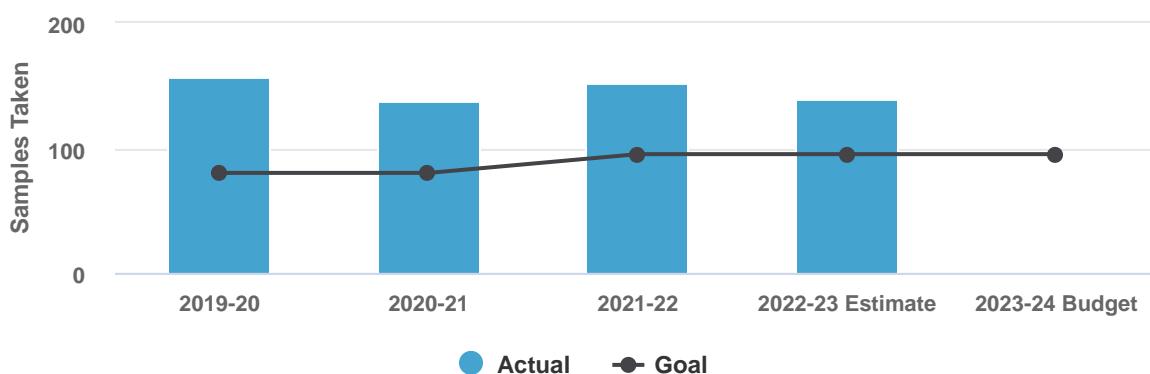
Strategic Plan Objective:

High Quality Services

Strategic Plan Initiative:

Enhance system reliability and efficiency

Analysis for Zebra Mussel Presence



Water Reuse

Goal:

Optimize utilization of reuse water available to NTMWD, including treated wastewater return flows discharged to the East Fork of the Trinity River, Main Stem of the Trinity River and Lavon Lake. Goal is to supply 15% of budgeted water from reuse sources.

Purpose:

Water is a precious resource and by utilizing reuse water sources the District is able to help maintain adequate supplies.

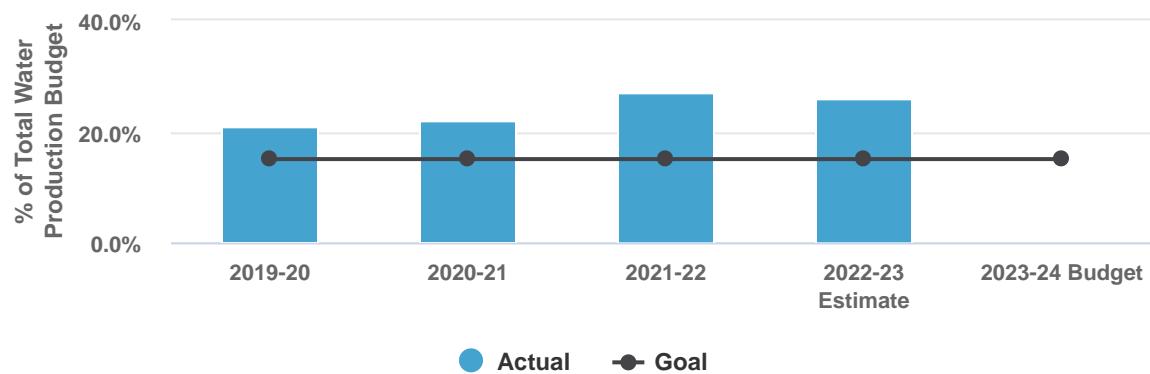
Strategic Plan Objective:

High Quality Services

Strategic Plan Initiative:

Enhance system reliability and efficiency

% of Budgeted Water Production from Reuse



Wastewater Operations Key Performance Measures

The Wastewater Operations staff shares a continuous improvement approach to find ways to produce higher quality water, implement efficiencies, and improve the operations and maintenance of facilities. Some of the key performance measures that have been implemented to quantify how wastewater operations is performing in alignment with NTMWD Strategic Plan Goals & Objectives include: Plant Permit Compliance, Sanitary Sewer Overflows Prevention, Phosphorus Control to Further Protect Water Supply, Reduction in De-watering Expenditures and Odor Control Management.

Plant Permit Compliance

Goal: For all NTMWD Wastewater Treatment Plants to receive a National Association of Clean Water Agencies (NACWA) Peak Performance Award.

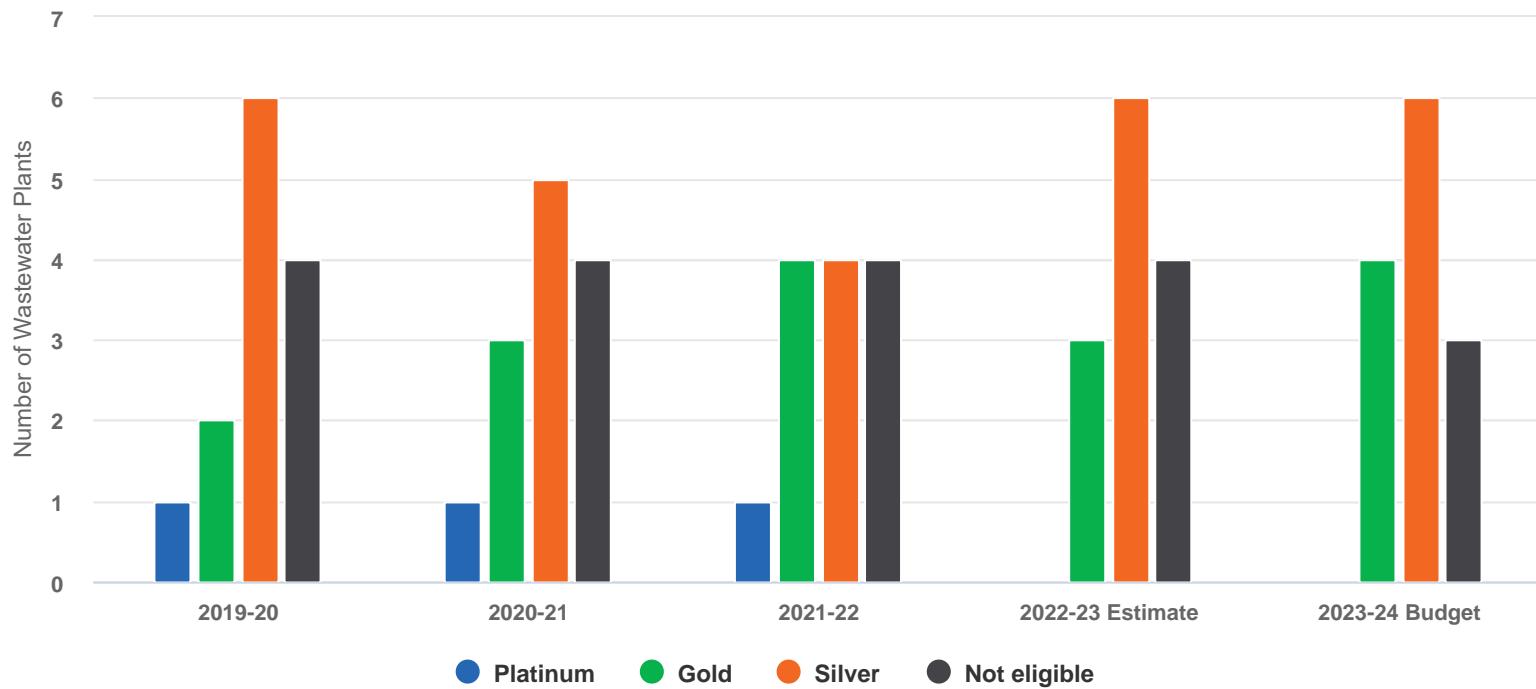
Purpose: Peak Performance Awards recognize facilities for excellence in permit compliance. Having all facilities receive a Silver (no more than five violations per calendar year), a Gold (no permit violations for the entire calendar year) or a Platinum (100% compliance with permits over a consecutive five-year period) award is an eligibility requirement for consideration for the Excellence in Management Recognition.

Strategic Plan Objective: High Quality Services

Strategic Plan Initiative: Meet or surpass regulatory requirements

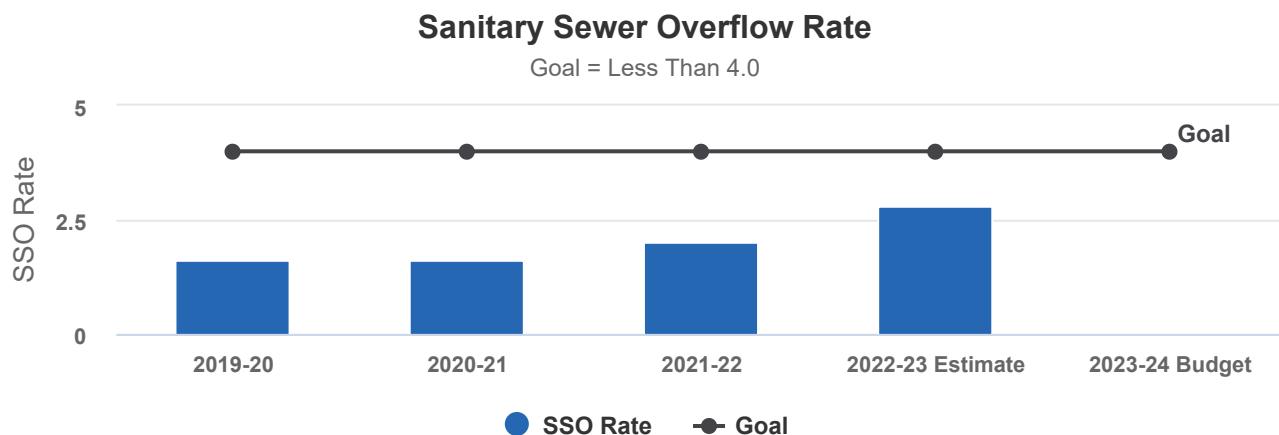
NACWA Peak Performance Awards

Goal is for all WW Plants to receive either Platinum, Gold or Silver



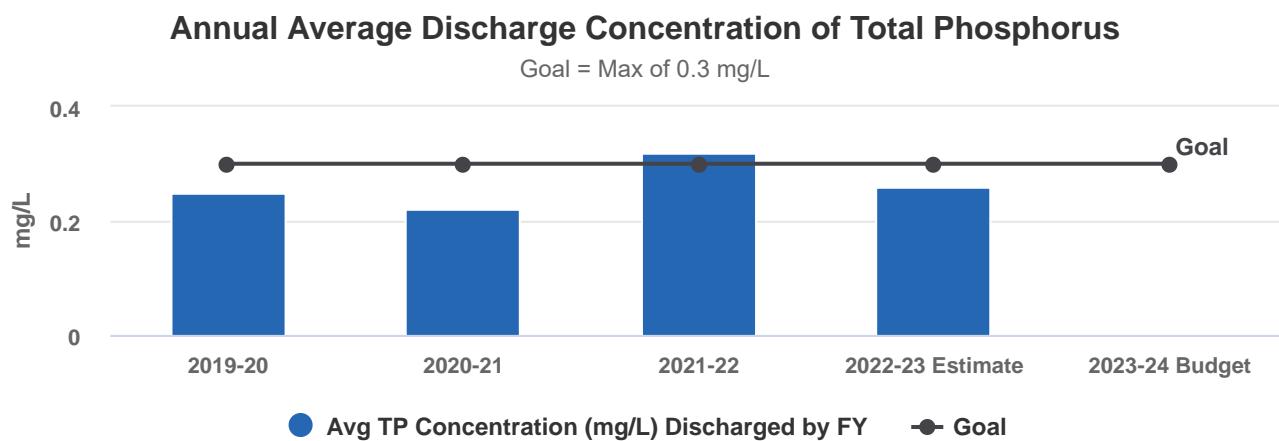
Sanitary Sewer Overflows Prevention

Goal:	Maintain a below the industry standard rate of 4.0 for satisfactory performing systems for sanitary sewer overflows (SSOs) per 100 miles of pipe.
Purpose:	Reliable service is dependent upon conveying wastewater to treatment plants for treatment. SSOs will be prevented by proactively maintaining the wastewater conveyance system.
Strategic Plan Objective:	High Quality Services
Strategic Plan Initiative:	Meet or surpass regulatory requirements



Phosphorus Control to Further Protect Water Supply

Goal:	The discharge permit allows a concentration of 0.5 mg/L of phosphorus to be discharged, but NTMWD has a stretch goal of keeping the average discharge concentration at 0.25 mg/L(+/- .05 mg/L), targeting a maximum 0.3 mg/L and a minimum of 0.2 mg/L.
Purpose:	Wilson Creek RWWTP discharges into Lavon Lake, an important element of NTMWD's water supply. This measure quantifies water quality discharged into Lavon Lake as a key measure to demonstrate NTMWD taking steps to protect drinking water quality.
Strategic Plan Objective:	High Quality Services
Strategic Plan Initiative:	Apply proven technologies and processes to improve water quality



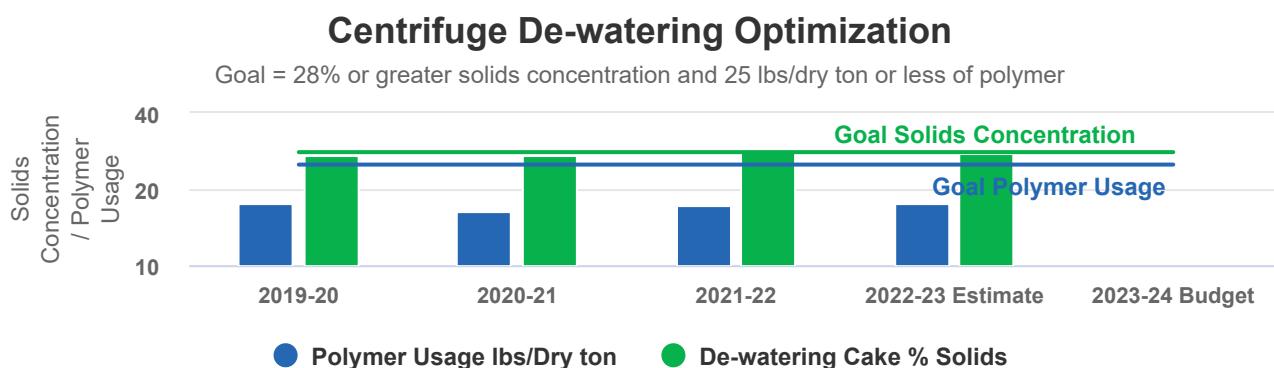
Centrifuge De-watering Optimization

Goal: Reduce sludge de-watering chemicals, hauling and landfill disposal costs by achieving higher percent solids concentrations by effectively removing more water.

Purpose: Sludge de-watering polymers, hauling and landfill disposal costs account for more than \$9 million in the operations budget. Centrifuge operations can have significant variance, so setting specific target goals and tracking their outcome can reduce de-watering and sludge disposal costs (a 1% solids concentration increase is roughly equivalent to a 3% reduction in hauling and disposal). Design criteria proposes a target of 28% solids and polymer usage of less than 25 lbs/dry ton.

Strategic Plan Objective: Performance Driven Culture

Strategic Plan Initiative: Establish performance goals, track and communicate progress



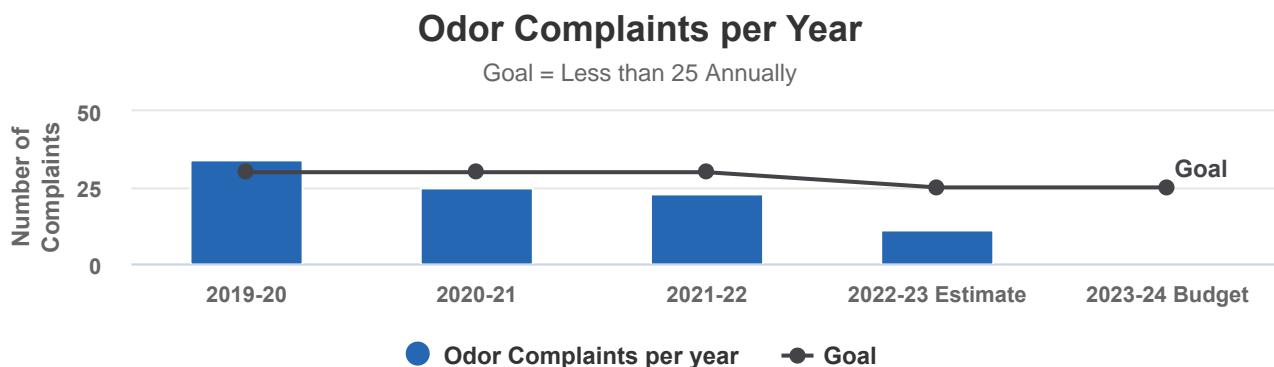
Odor Control Management

Goal: Improve year over year number of odor complaints received that are attributable to NTMWD.

Purpose: Being a good neighbor is of critical importance to NTMWD. To ensure this object is fulfilled, staff must proactively prevent odors, collect and treat odorous air, monitor odor control systems, respond to odor complaints and identify continuous improvement opportunities.

Strategic Plan Objective: Engaged Members, Customers and Stakeholders

Strategic Plan Initiative: Foster respect and sensitivity to neighboring properties and communities surrounding our facilities



Solid Waste Operations Key Performance Measures

The most environmentally sound approach to managing municipal solid waste is to reduce or reuse where possible, recycle or compost and dispose of waste in landfills only when needed. The District's solid waste system is designed to process and dispose of waste safely and reliably while protecting the environment and water quality. Some of the key performance measures that have been implemented to quantify how solid waste operations is performing in alignment with NTMWD Strategic Plan Goals & Objectives include: Transfer Trailer Payload Limits, Landfill Compaction Limits, Soil as Percentage of Consumed Airspace and Fleet Availability.

Transfer Trailer Payload

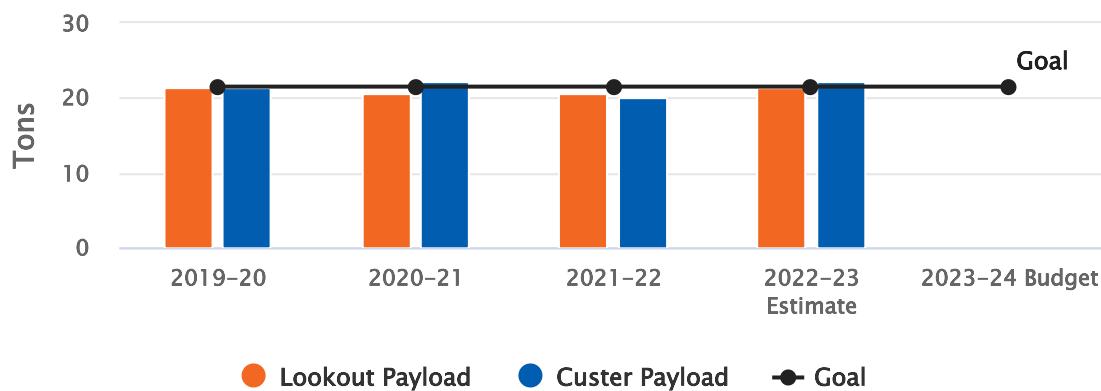
Goal: Monthly payload average of 21.5 tons each at Custer Road Transfer Station and Lookout Drive Transfer Station, and 16.6 tons at Parkway. Parkway Transfer Station is a compactor type load out that uses heavier trailers and thus lower payload limit.

Purpose: Maximum legal payload ensures the least number of trips transporting waste to the landfill, which reduces labor, fuel and maintenance costs of the tractors and trailers used to haul the waste.

Strategic Plan Objective: Enhance system reliability and efficiency

Strategic Plan Initiative: Identify and execute efficiencies in systems, processes and staffing throughout the District

Lookout and Custer Transfer Station Payloads

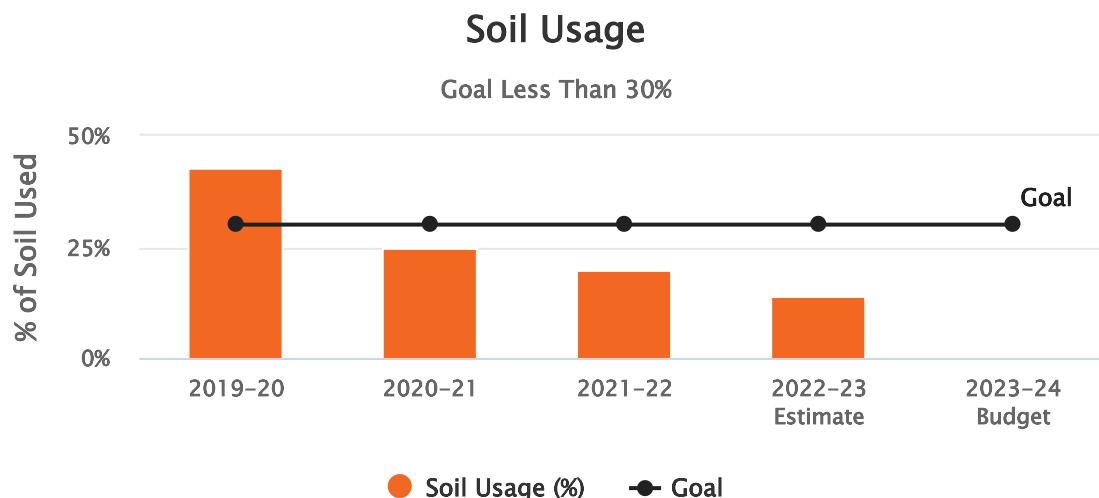


Parkway Transfer Station Payloads



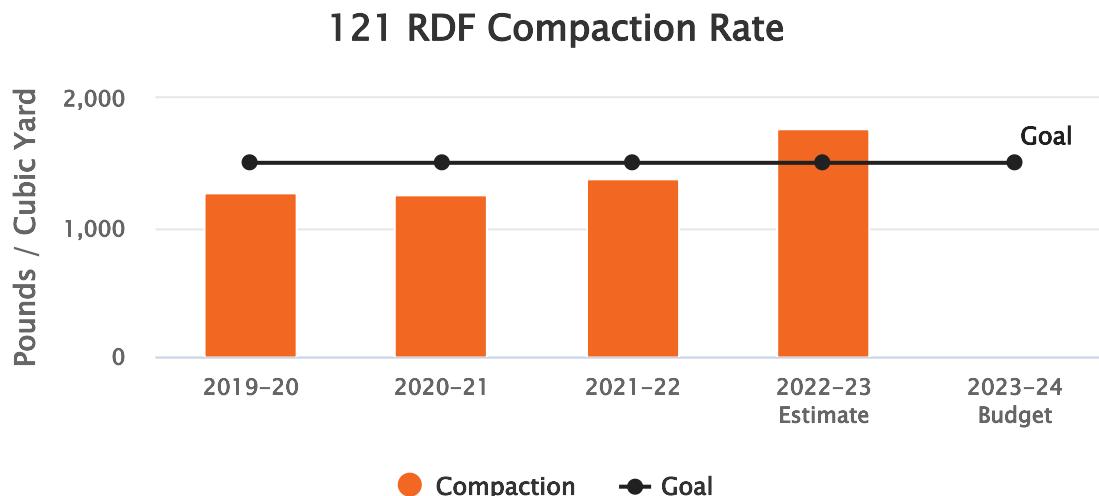
121 Regional Disposal Facility Soil Usage in Landfilling Operations

Goal:	Less than 30% soil usage
Purpose:	Placing soil for daily and intermediate cover thicker than required consumes airspace and decreases site life, impacts site density, timing of cell construction and increases operating costs due to excess labor and equipment operation.
Strategic Plan Objective:	Enhance system reliability and efficiency
Strategic Plan Initiative:	Identify and execute efficiencies in systems, processes and staffing throughout the District



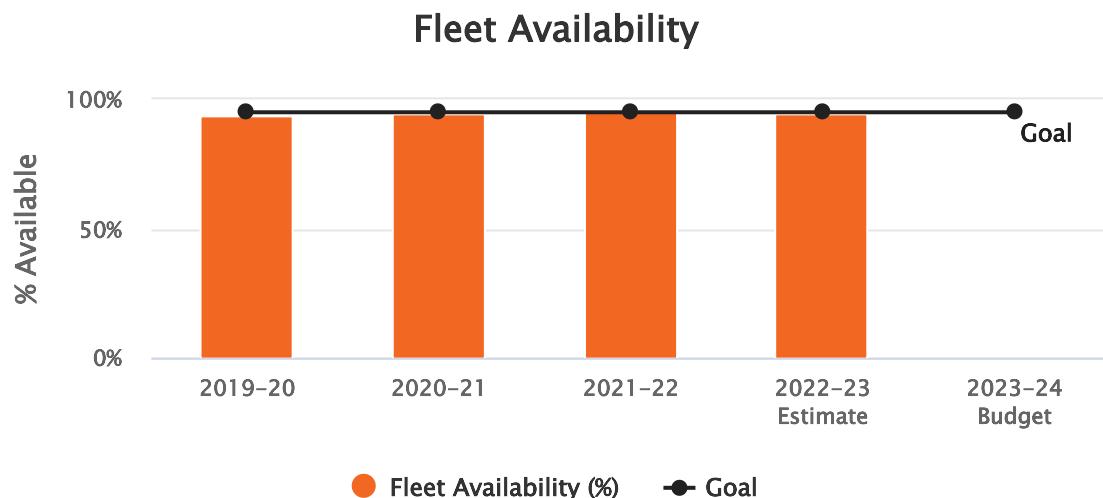
121 Regional Disposal Facility Annual Density of Airspace

Goal:	1,500 pounds per cubic yard
Purpose:	Higher density increases site life, delays timing of cell construction, reduces effort to cover waste each day; therefore, reduces operating costs.
Strategic Plan Objective:	Enhance system reliability and efficiency
Strategic Plan Initiative:	Identify and execute efficiencies in systems, processes and staffing throughout the District



Fleet - Asset Availability

Goal:	Asset Availability of 95% or higher within the Wylie Service Center (light through medium duty vehicles).
Purpose:	Measure the availability of fleet by department throughout NTMWD. This allows fleet management staff to quickly identify areas of downtime and/or departments that may need additional support.
Strategic Plan Objective:	Proactive Maintenance Management
Strategic Plan Initiative:	Optimize fleet maintenance operations



Shared Services Key Performance Measures

Shared Services includes all administration, IT, maintenance, engineering, lab, environmental and regulatory compliance and safety departments. These departments play a key role in supporting the operating systems. The District manages and tracks several key performance indicators for these departments including metrics for maintenance, safety incidents, project delivery and internal service levels. The following are some of the key performance measures for the shared services departments.

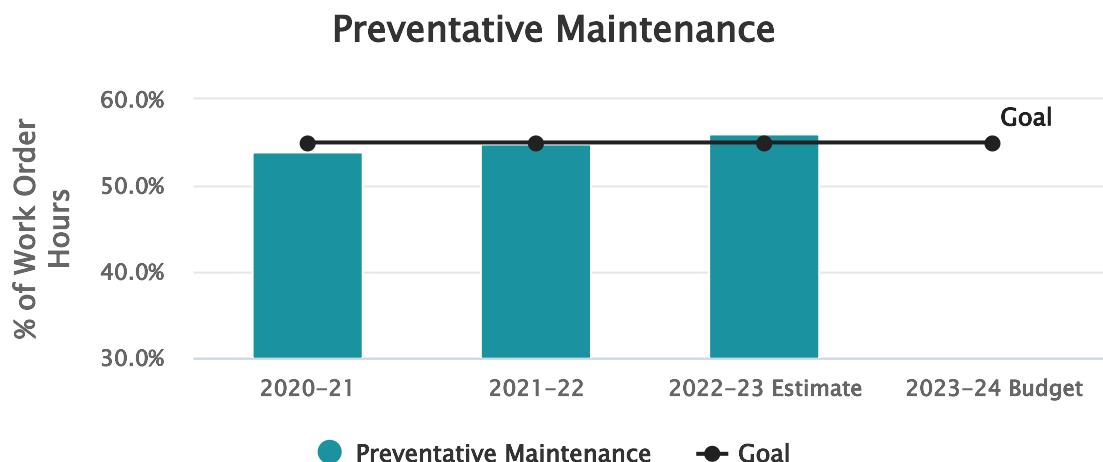
Preventative Maintenance

Goal: Provide an effective predictive maintenance program for the District by achieving a 55% or higher rate of all work order hours completed or closed dedicated to preventative maintenance.

Purpose: Increase the amount of preventative maintenance performed in order to minimize the chance that a certain piece of equipment will fail resulting in unplanned downtime and reactive maintenance measures.

Strategic Plan Objective: Proactive Asset and Maintenance Management

Strategic Plan Initiative: Provide superior water, wastewater and solid waste service today and tomorrow



Maintenance - Water Loss Within the System

Goal:

Reduce the amount of total water loss within the system

Purpose:

Water loss through the treated water system is a natural occurrence. The District has taken steps to become more aware of these losses in order to become better stewards of our water resources. To minimize these losses, the District focuses on the management of water supplies through its water loss control management program. (Note: Industry-reported averages for water loss of treated water range from 10-16%; however, the Unaccounted Treated Water Loss in the table below accounts for losses of both raw and treated water. The lower bound of the range of 10% is represented in the table.)

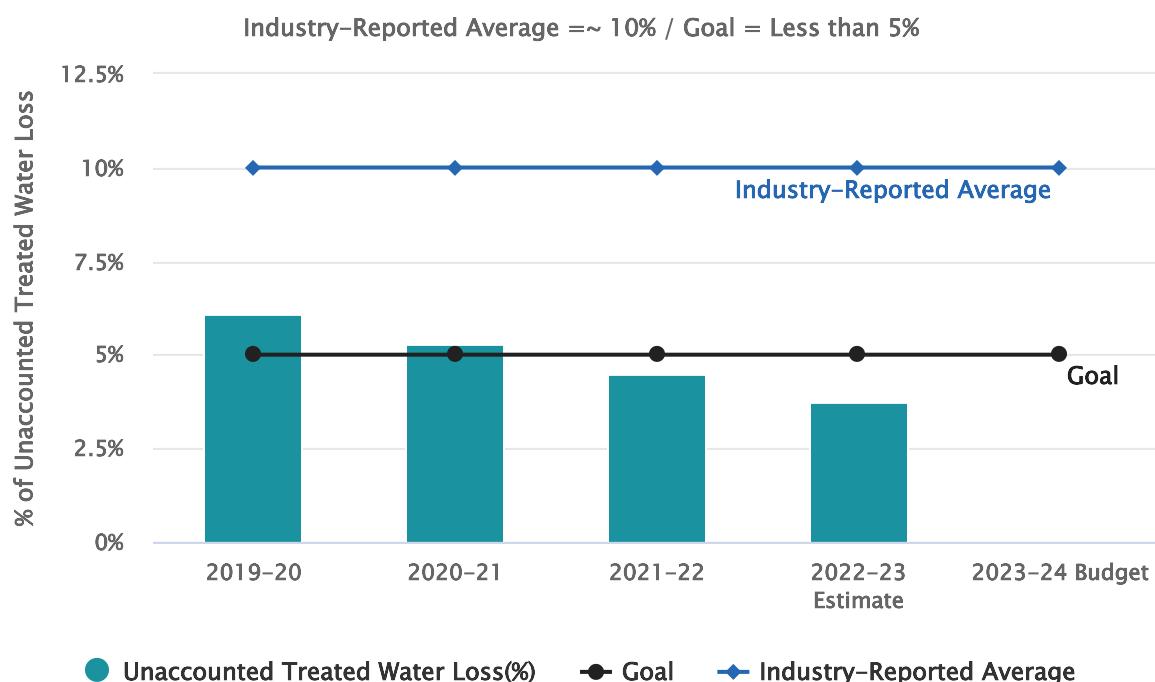
Strategic Plan Objective:

Proactive Asset and Maintenance Management

Strategic Plan Initiative:

Provide Superior Water, Wastewater and Solid Waste Services today and tomorrow

Total Unaccounted Treated Water Loss Within the System



Safety - Total Recordable Incident Rate

Goal:

Reduce the number of incidents in the workplace

Purpose:

To foster a proactive approach to find and fix workplace hazards before they can cause injury or illness. Losing workers to injury or illness, even for a short time, can cause significant disruption and cost to the District as well as the employees and their families.

Strategic Plan Objective:

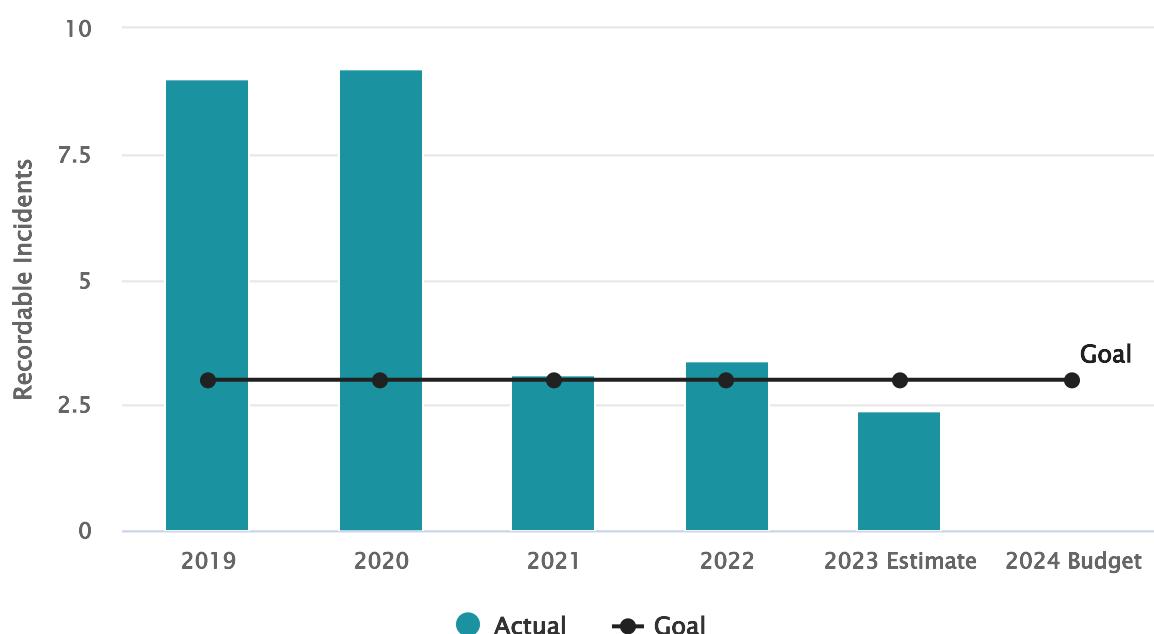
Safe and Healthy Employees

Strategic Plan Initiative:

Reduce Safety Incidents Through Employer and Leadership Engagement

Safety – Total Recordable Incident Rate

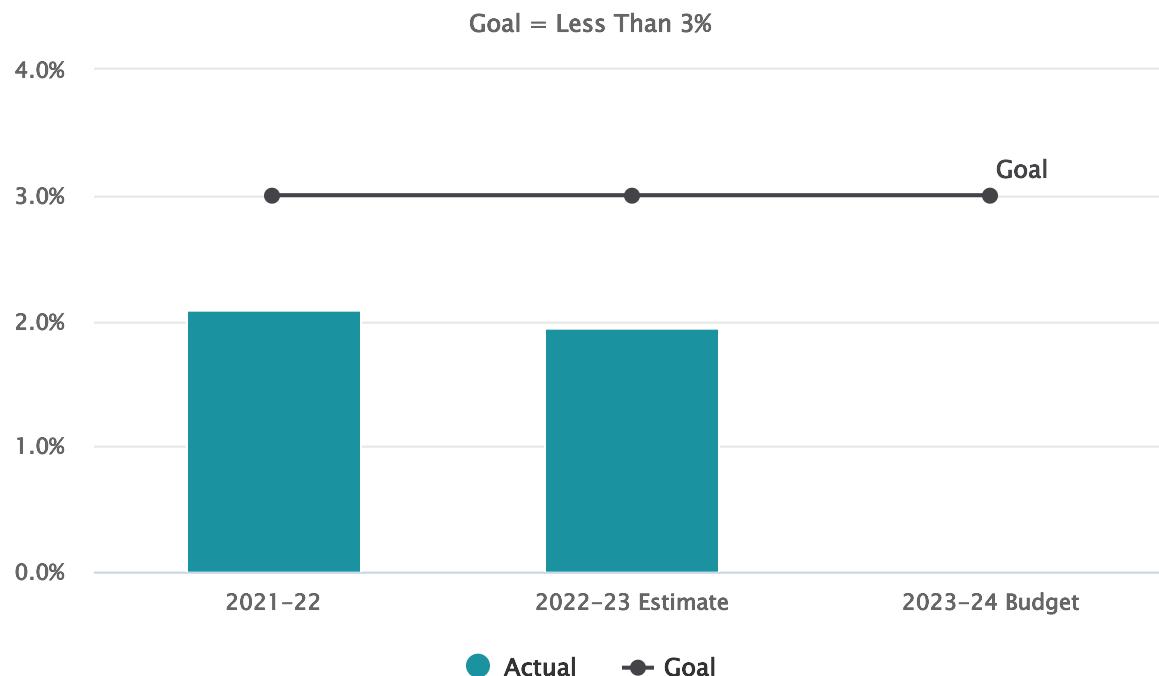
Goal = Annual Rate of "3"



Engineering - Deliver Projects Utilizing Minimal Change Orders

Goal:	Reduce the number and amount of change orders needed to complete construction projects.
Purpose:	In construction projects, changes are common and can occur at any state of the project. Most changes, if not managed properly will have considerable impact to both the cost and schedule of a project. Managing changes effectively and limiting increases is crucial to the success of a construction project. The District provides services for a very large and growing region of the country and adequate planning must be completed in order to limit the amount of change orders necessary to deliver the capital program on time and on budget.
Strategic Plan Objective:	Successfully Deliver Capital Program
Strategic Plan Initiative:	Accommodate Growth of the Systems

Change Order Percentage of Total Project Dollars



Communications - Community Outreach Events

Goal:

Conduct at least 60 outreach events per year

Purpose:

The purpose is to strengthen stakeholder understanding and support of NTMWD Water System operations and initiatives.

Strategic Plan Objective:

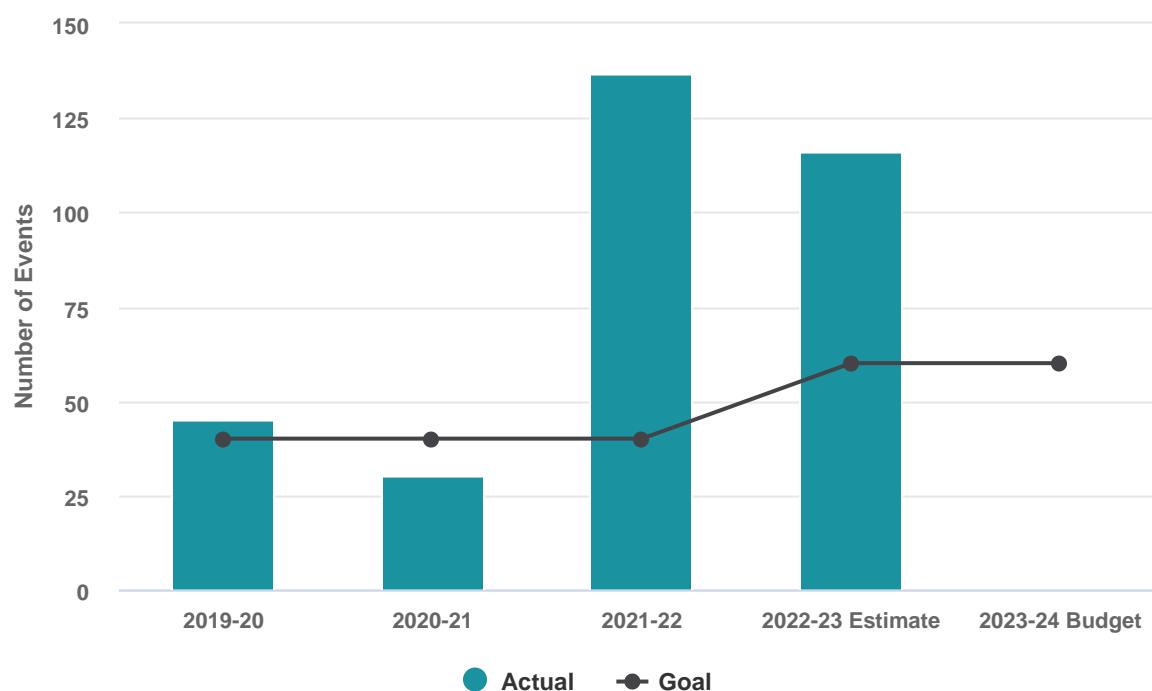
Well-Informed & Educated Public

Strategic Plan Initiative:

Increase public awareness of the role, services, resources and value of the NTMWD

The metric was updated in FY22 to adjust the way participation in events is tracked. Previously this metric was based in the Regional Water System and focused on public education and water conservation. This metric is now broader and is tracked via the Communications department. The change in departments and philosophy caused a large variance in actual events in FY22 as compared to prior years.

Community Outreach Events



-Outreach events were limited in 2020 and 2021 due to the COVID-19 Pandemic.

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2023-24
EMPLOYEE SCHEDULES

EMPLOYEE POSITION AND GRADE BY DEPARTMENT

101 Regional Water System

5330 Wylie Treatment Plant Complex			
Full-Time Positions	Grade	FY23	FY24
Assistant Deputy (Water Resources)	47	1.0	1.0
Assistant Deputy (Water Treatment & Conveyance)	47	1.0	1.0
Water Treatment System Manager *	44	1.0	1.0
Water Conveyance System Manager *	44	1.0	1.0
Operations Technical Support Manager	42	0.5	0.5
Assistant Water System Manager - Treatment	40	2.0	2.0
Asset Risk Manager	38	1.0	1.0
Water Resources Operations Manager	38	1.0	1.0
Watershed Manager	38	1.0	1.0
Operations Training & Development Manager	37	0.5	0.5
Professional Engineer	37	1.0	1.0
Professional Engineer - Special Projects & Water - 2nd Qtr	37	1.0	2.0
Water Plant Supervisor IV	37	1.0	1.0
Water Operations Projects Coordinator	35	-	1.0
Water Operations Shift Supervisor	30	4.0	4.0
Chemical System Maintenance Supervisor	29	1.0	1.0
Operations Training & Development Specialist *	29	0.5	1.0
Water Treatment Residuals Coordinator	29	1.0	1.0
Lead Control Room Operator	28	4.0	4.0
Lead Water Plant Operator	28	4.0	4.0
Water Operations Assistant	26	1.0	1.0
Water Plant Operator III	26	19.0	19.0
Operations Data Specialist I - 2nd Qtr	25	-	1.0
Water Plant Mechanic	25	3.0	3.0
Water Quality Technician	25	1.0	1.0
Water Plant Operator II	23	26.0	26.0
Administrative Technician	22	1.0	1.0
Information Systems Assistant	22	2.0	2.0
Maintenance Worker	20	1.0	1.0
Total Full-Time Positions		81.5	85.0

* Title Change in FY24

5333 Tawakoni Raw Water Station and Water Treatment Plant			
Full-Time Positions	Grade	FY23	FY24
Water Plant Supervisor I	30	1.0	1.0
Lead Water Plant Operator	28	1.0	1.0
Water Plant Operator III	26	2.0	2.0
Water Plant Mechanic	25	1.0	1.0
Water Plant Operator II	23	6.0	6.0
Total Full-Time Positions		11.0	11.0

5334 East Fork Raw Water Supply (The Wetlands)

Full-Time Positions	Grade	FY23	FY24
Wetlands Supervisor	29	1.0	1.0
Lead Operator	26	1.0	1.0
Maintenance Worker - Wetlands	20	5.0	5.0
Total Full-Time Positions	7.0		7.0

5335 Bonham Water Treatment Plant

Full-Time Positions	Grade	FY23	FY24
Water Plant Supervisor I	30	1.0	1.0
Water Plant Operator III	26	1.0	1.0
Water Plant Mechanic	25	1.0	1.0
Water Plant Operator II	23	8.0	8.0
Total Full-Time Positions		11.0	11.0

5336 Bois d'Arc Lake

Full-Time Positions	Grade	FY23	FY24
Bois d'Arc Lake Operations Manager	43	1.0	1.0
Bois d'Arc Lake Permit Supervisor	31	1.0	1.0
Bois d'Arc Lake Supervisor	30	1.0	1.0
Bois d'Arc Lake Crew Leader	26	2.0	2.0
Bois d'Arc Lake Permit Technician	24	1.0	1.0
Bois d'Arc Lake Operator II	23	4.0	4.0
Administrative Technician	22	1.0	1.0
Total Full-Time Positions		11.0	11.0

5337 Leonard Water Treatment Plant

Full-Time Positions	Grade	FY23	FY24
Water Plant Supervisor II	33	1.0	1.0
Lead Water Plant Operator	28	2.0	2.0
Water Plant Operator III	26	2.0	2.0
Water Plant Mechanic	25	1.0	1.0
Water Plant Operator II	23	8.0	8.0
Information Systems Assistant	22	-	1.0
Mechanic's Assistant	20	1.0	1.0
Total Full-Time Positions		15.0	16.0

5338 Water Conveyance System

Full-Time Positions	Grade	FY23	FY24
Assistant Water Conveyance System Manager *	40	1.0	1.0
Professional Engineer	37	1.0	1.0
Water Conveyance Supervisor II	33	-	1.0
Lead Water Conveyance System Operator *	28	2.0	3.0
Water Conveyance System Operator II *	23	5.0	6.0
Total Full-Time Positions		9.0	12.0

* Title Change in FY24

Total Regional Water System Positions**145.5****153.0**

301 Regional Wastewater System

5070 Sister Grove Regional Water Resource Recovery Facility			
Full-Time Positions	Grade	FY23	FY24
Wastewater Plant Supervisor II	33	1.0	1.0
Wastewater Plant Supervisor I	30	1.0	1.0
Lead Wastewater Plant Operator	28	3.0	3.0
Wastewater Plant Operator III	26	6.0	6.0
Wastewater Mechanic	25	1.0	1.0
Wastewater Plant Operator II	23	7.0	7.0
Information Systems Assistant	22	1.0	1.0
Mechanic's Assistant	20	1.0	1.0
Total Full-Time Positions		21.0	21.0

5080 Wilson Creek Regional Wastewater Treatment Plant			
Full-Time Positions	Grade	FY23	FY24
Assistant Deputy (Wastewater)	47	1.0	1.0
Assistant Regional Wastewater System Manager	40	1.0	1.0
Operations Training & Development Manager	37	0.5	0.5
Professional Engineer	37	1.0	1.0
Wastewater Plant Supervisor III	35	1.0	1.0
Wastewater Project Coordinator	35	1.0	1.0
Wastewater Maintenance Supervisor	34	1.0	1.0
Wastewater Plant Supervisor II	33	1.0	1.0
Maintenance Planner Scheduler	31	1.0	1.0
Wastewater Plant Supervisor I	30	1.0	1.0
Operations Training & Development Specialist *	29	0.5	1.0
Lead Wastewater Plant Operator	28	5.0	5.0
Lead Maintenance Technician	26	1.0	1.0
Lead Transport Driver	26	1.0	1.0
Wastewater Plant Operator III	26	10.0	10.0
Wastewater Mechanic	25	3.0	3.0
Transport Driver	23	11.0	11.0
Wastewater Plant Operator II	23	19.0	19.0
Information Systems Assistant	22	2.0	2.0
Mechanic's Assistant	20	3.0	3.0
Total Full-Time Positions		65.0	65.5

* Title Change in FY24

5090 Floyd Branch Regional Wastewater Treatment Plant			
Full-Time Positions	Grade	FY23	FY24
Wastewater Plant Supervisor III	35	0.2	0.2
Wastewater Coordinator	32	1.0	1.0
Lead Wastewater Plant Operator	28	1.0	1.0
Wastewater Plant Operator III	26	2.0	2.0
Wastewater Mechanic	25	-	1.0
Wastewater Plant Operator II	23	3.0	3.0
Total Full-Time Positions		7.2	8.2

5100 Rowlett Creek Regional Wastewater Treatment Plant

Full-Time Positions	Grade	FY23	FY24
Asset Risk Manager	38	1.0	1.0
Wastewater Plant Supervisor III	35	0.8	0.8
Wastewater Plant Supervisor II	33	1.0	1.0
Lead Wastewater Plant Operator	28	4.0	4.0
Lead Maintenance Technician	26	1.0	1.0
Wastewater Plant Operator III	26	6.0	6.0
Operations Data Specialist I	25	1.0	1.0
Wastewater Mechanic	25	1.0	1.0
Transport Driver	23	4.0	4.0
Wastewater Plant Operator II	23	7.0	7.0
Administrative Technician	22	1.0	1.0
Information Systems Assistant	22	1.0	1.0
Mechanic's Assistant	20	1.0	1.0
Total Full-Time Positions		29.8	29.8

5180 South Mesquite Regional Wastewater Treatment Plant

Full-Time Positions	Grade	FY23	FY24
Regional Wastewater System Manager	44	1.0	1.0
Operations Technical Support Manager	42	0.5	0.5
Wastewater Plant Supervisor III	35	1.0	1.0
Wastewater Plant Supervisor II	33	1.0	1.0
Wastewater Plant Supervisor I	30	1.0	1.0
Lead Wastewater Plant Operator	28	4.0	4.0
Lead Maintenance Technician	26	1.0	1.0
Wastewater Plant Operator III	26	6.0	6.0
Wastewater Mechanic	25	1.0	2.0
Transport Driver	23	4.0	4.0
Wastewater Plant Operator II	23	14.0	16.0
Information Systems Assistant	22	1.0	1.0
Mechanic's Assistant	20	2.0	2.0
Total Full-Time Positions		37.5	40.5

Total Regional Wastewater System Positions**160.5****165.0**

501 Upper East Fork Interceptor System

501 Upper East Fork Interceptor System		Grade	FY23	FY24
Full-Time Positions				
Wastewater Conveyance System Manager		44	1.0	1.0
CMOM Program Manager		38	1.0	1.0
Professional Engineer		37	1.0	1.0
Wastewater Conveyance Supervisor II		33	1.0	1.0
Wastewater Conveyance Supervisor I		30	1.0	1.0
Lead Odor Control Operator		28	1.0	1.0
Lead Wastewater Conveyance Operator		28	2.0	2.0
Lead Maintenance Technician		26	1.0	1.0
Wastewater Conveyance Operator III		26	3.0	3.0
Odor Control Operator II		23	2.0	2.0
Wastewater Conveyance Operator II		23	8.0	9.0
Information Systems Assistant		22	1.0	1.0
Total Full-Time Positions			23.0	24.0

Total Upper East Fork Interceptor System Positions	23.0	24.0
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Small Systems

307 Panther Creek Wastewater Treatment Plant		Grade	FY23	FY24
Full-Time Positions				
Sewer System Plants Manager		44	1.0	1.0
Wastewater Plant Supervisor III		35	-	0.5
Wastewater Plant Supervisor II		33	1.0	-
Wastewater Plant Supervisor I		30	1.0	1.0
Lead Wastewater Plant Operator		28	2.0	2.0
Wastewater Plant Operator III		26	4.0	4.0
Wastewater Plant Operator II		23	8.0	8.0
Information Systems Assistant		22	1.0	1.0
Total Full-Time Positions			18.0	17.5

309 Stewart Creek Wastewater Treatment Plant		Grade	FY23	FY24
Full-Time Positions				
Professional Engineer		37	1.0	1.0
Wastewater Plant Supervisor III		35	-	0.5
Wastewater Plant Supervisor II		33	1.0	-
Wastewater Plant Supervisor I		30	1.0	1.0
Lead Wastewater Plant Operator		28	2.0	2.0
Wastewater Plant Operator III		26	4.0	4.0
Wastewater Mechanic		25	1.0	1.0
Wastewater Plant Operator II		23	8.0	8.0
Information Systems Assistant		22	1.0	1.0
Total Full-Time Positions			19.0	18.5

310 Muddy Creek Wastewater Treatment Plant

Full-Time Positions	Grade	FY23	FY24
Wastewater Plant Supervisor II	33	1.0	1.0
Wastewater Plant Supervisor I	30	1.0	1.0
Lead Wastewater Plant Operator	28	2.0	2.0
Wastewater Plant Operator III	26	4.0	4.0
Wastewater Mechanic	25	1.0	1.0
Wastewater Technician I	25	1.0	1.0
Wastewater Plant Operator II	23	8.0	8.0
Information Systems Assistant	22	1.0	1.0
Total Full-Time Positions		19.0	19.0

601 Small Sewer System

Full-Time Positions	Grade	FY23	FY24
Wastewater Plant Supervisor II	33	1.0	1.0
Wastewater Plant Supervisor I	30	1.0	1.0
Wastewater Plant Operator III	26	3.0	3.0
Wastewater Mechanic	25	1.0	1.0
Wastewater Plant Operator II	23	4.0	4.0
Information Systems Assistant	22	1.0	1.0
Total Full-Time Positions		11.0	11.0

Subtotal Small Systems WWTPs Positions**67.0****66.0****604 Wastewater Pretreatment Department**

Full-Time Positions	Grade	FY23	FY24
Environmental Services Manager	43	0.3	0.3
Environmental Program Manager	38	0.4	0.4
Environmental Program Supervisor	33	0.6	0.6
Environmental Quality Analyst *	30	0.1	0.1
Environmental Supervisor I	30	1.0	1.0
Environmental Specialist II	28	1.0	1.0
Environmental Specialist I	25	2.0	2.0
Environmental Technician	23	3.0	3.0
Administrative Technician	22	0.6	0.6
Total Full-Time Positions		9.0	9.0

* Title Change in FY24

Total Small Systems Positions**76.0****75.0**

401 Regional Solid Waste System**5511 Lookout Transfer Station**

Full-Time Positions	Grade	FY23	FY24
Assistant Deputy (Solid Waste)	47	0.2	0.2
Transfer Station Manager	38	0.3	0.3
Transfer Station Supervisor	27	1.0	1.0
Transfer Station Equipment Operator	23	3.0	3.0
Transport Driver	23	9.0	9.0
Administrative Technician	22	0.2	0.2
Scale Operator	21	2.0	2.0
Total Full-Time Positions		15.7	15.7

5512 Parkway Transfer Station

Full-Time Positions	Grade	FY23	FY24
Assistant Deputy (Solid Waste)	47	0.2	0.2
Transfer Station Manager	38	0.3	0.3
Transfer Station Supervisor	27	1.0	1.0
Transfer Station Equipment Operator	23	3.0	3.0
Transport Driver	23	10.0	10.0
Administrative Technician	22	0.2	0.2
Scale Operator	21	2.0	2.0
Total Full-Time Positions		16.7	16.7

5513 Custer Transfer Station

Full-Time Positions	Grade	FY23	FY24
Assistant Deputy (Solid Waste)	47	0.2	0.2
Transfer Station Manager	38	0.3	0.3
Transfer Station Supervisor	27	1.0	1.0
Transfer Station Equipment Operator	23	4.0	4.0
Transport Driver	23	16.0	16.0
Administrative Technician	22	0.2	0.2
Scale Operator	21	3.0	3.0
Total Full-Time Positions		24.7	24.7

5523 121 Regional Disposal Facility

Full-Time Positions	Grade	FY23	FY24
Assistant Deputy (Solid Waste)	47	0.2	0.2
Landfill Manager	40	1.0	1.0
Landfill Supervisor	26	2.0	2.0
Heavy Equipment Operator	24	19.0	19.0
Administrative Technician	22	0.2	0.2
Landfill Scalehouse Coordinator	22	1.0	1.0
Tipper Operator	22	1.0	1.0
Scale Operator	21	4.0	4.0
Operations Assistant	18	1.0	1.0
Landfill Spotter	17	1.0	1.0
Total Full-Time Positions		30.4	30.4

5530 Fleet Services

Full-Time Positions	Grade	FY23	FY24
Assistant Deputy (Solid Waste)	47	0.2	0.2
Fleet Manager	43	1.0	1.0
Fleet Maintenance Shop Supervisor	33	1.0	1.0
Heavy Equipment Shop Foreman	30	1.0	1.0
Fleet Maintenance Shop Foreman	29	2.0	2.0
Lead Fleet Maintenance Equipment Technician	28	1.0	1.0
Heavy Equipment Technician I	27	5.0	5.0
Automotive Technician II	26	1.0	1.0
Fleet Maintenance Equipment Technician II	26	7.0	7.0
Fleet Administrator	24	2.0	2.0
Welder	24	1.0	1.0
Administrative Technician	22	0.2	0.2
Information Systems Assistant	22	1.0	1.0
Automotive Technician I	20	2.0	2.0
Fleet Maintenance Equipment Technician I	20	3.0	3.0
Total Full-Time Positions		28.4	28.4

Total Regional Solid Waste System Positions**116.0****116.0****100 Shared Services Fund****5701 General Department**

Full-Time Positions	Grade	FY23	FY24
Executive Director / General Manager	N/A	1.0	1.0
Deputy Director (Administrative Services)	N/A	1.0	1.0
Deputy Director (Engineering & CIP)	N/A	1.0	1.0
Deputy Director (Solid Waste & Integrated Services)	N/A	1.0	1.0
Deputy Director (Water & Wastewater)	N/A	1.0	1.0
General Counsel	N/A	1.0	1.0
Board Liaison & Assistant to the General Manager	47	1.0	1.0
Process Improvement Advisor	44	1.0	1.0
Government Affairs and Special Projects Manager	38	-	1.0
Government Relations Advisor	35	1.0	-
Board Administrative Support Specialist	30	1.0	1.0
Executive Administrative Assistant	30	2.0	2.0
Total Full-Time Positions		12.0	12.0

5702 Communications

Full-Time Positions	Grade	FY23	FY24
Director of Communications *	43	1.0	1.0
Public Communications Manager	38	1.0	1.0
Public Education Manager	38	1.0	1.0
Multi-Media Specialist	30	1.0	1.0
Public Education Specialist	30	1.0	1.0
Communications Assistant	24	1.0	1.0
Total Full-Time Positions		6.0	6.0

* Grade change

5712 Construction

Full-Time Positions	Grade	FY23	FY24
Construction Manager - 1 New Request	41	-	2.0
Instrumentation & Electrical Construction Supervisor	31	-	1.0
Construction Inspection Supervisor	30	-	8.0
Construction Inspector II	27	-	16.0
Construction Inspector I	25	-	20.0
Administrative Technician	22	-	1.0
Total Full-Time Positions		-	48.0

* These positions have been moved from the Engineering department beginning in FY24

5713 Engineering

Full-Time Positions	Grade	FY23	FY24
Assistant Deputy (CIP) **	47	0.9	-
Assistant Deputy (Engineering)	47	1.0	1.0
Engineering Manager	44	2.0	2.0
Construction Manager *	41	1.0	-
Engineering Program Manager	41	6.0	6.0
Planning Program Manager **	41	1.0	-
Real Estate Manager	41	1.0	1.0
Assistant Planning Program Manager **	38	1.0	-
Energy Program Manager **	38	1.0	-
Professional Engineer **	37	23.0	20.0
Engineering Projects Coordinator **	35	1.0	-
Instrumentation & Electrical Construction Supervisor *	31	1.0	-
Project Controls Supervisor	31	1.0	1.0
Construction Inspection Supervisor *	30	8.0	-
Graduate Engineer	30	2.0	2.0
Land Agent	30	2.0	3.0
Engineering Technician	28	4.0	-
Project Controls Specialist	28	1.0	6.0
Construction Inspector II *	27	16.0	-
Construction Inspector I *	25	20.0	-
Engineering Data Specialist	25	-	1.0
Administrative Technician *	22	4.0	3.0
Total Full-Time Positions		97.9	46.0

* Positions moved to new Construction department. ** Positions moved to CIP/Permitting. Both beginning in FY24

5714 CIP / Permitting

Full-Time Positions	Grade	FY23	FY24
Assistant Deputy (CIP) **	47	0.1	1.0
Planning Program Manager **	41	-	1.0
Permitting Manager	40	1.0	1.0
Water Supply & Contracts Manager - 3rd Qtr	40	-	1.0
Assistant Planning Program Manager **	38	-	1.0
Energy Program Manager **	38	-	1.0
Professional Engineer **	37	-	3.0
Engineering Projects Coordinator **	35	-	1.0
Permit Coordinator	31	2.0	2.0
Total Full-Time Positions		3.1	12.0

** These positions have been moved from the Engineering department beginning in FY24

5721 Control Systems

Full-Time Positions	Grade	FY23	FY24
Assistant Deputy (Maintenance)	47	0.1	0.1
Control Systems Manager	43	1.0	1.0
Control Systems Supervisor	32	1.0	1.0
Control Systems Senior Technician	30	5.0	5.0
Graduate Engineer	30	1.0	1.0
Control Systems Technician	25	1.0	1.0
Total Full-Time Positions		9.1	9.1

5722 Facilities Services

Full-Time Positions	Grade	FY23	FY24
Assistant Deputy (Maintenance)	47	0.5	0.5
Maintenance Manager	44	0.5	0.5
Asset Risk Manager - Maintenance	38	0.5	0.5
Assistant Maintenance Manager - Pipeline *	38	0.5	1.0
Assistant Maintenance Manager - Electrical Systems *	36	0.5	0.5
Facility Services Manager	36	1.0	-
Maintenance Superintendent - Pipeline *	34	1.0	1.0
Maintenance Superintendent - Facility Maintenance *	31	1.0	1.0
Maintenance Planner and Scheduler *	31	-	1.0
Pipeline Crewleader	27	2.0	2.0
Lead Line Locator	26	1.0	1.0
Right of Way Maintenance Coordinator *	26	1.0	1.0
Maintenance Valve Crew Supervisor	26	1.0	1.0
Line Locator	25	4.0	4.0
Facility Maintenance Crewleader	24	1.0	1.0
Heavy Equipment Operator	24	6.0	6.0
Custodial Crewleader	23	1.0	1.0
Administrative Technician	22	1.0	1.0
Lead Maintenance Worker - Facility Maintenance	22	2.0	2.0
Lead Maintenance Worker - Pipeline	22	7.0	7.0
Light Equipment Operator	21	1.0	1.0
Maintenance Worker - Facility Maintenance	20	6.0	6.0
Maintenance Worker - Pipeline	20	20.0	20.0
Custodian	16	3.0	3.0
Total Full-Time Positions		62.5	63.0

* Title &/or Grade change per FY23 Facilities Reorganization

5723 Technical Services

Full-Time Positions	Grade	FY23	FY24
Assistant Deputy (Maintenance)	47	0.5	0.5
Maintenance Manager	44	0.5	0.5
Asset Risk Manager - Maintenance	38	0.5	0.5
Assistant Maintenance Manager - Pipeline *	38	0.5	-
Assistant Maintenance Manager - Electrical Systems *	36	0.5	0.5
Assistant Maintenance Manager - Technical Services *	36	1.0	1.0
Electrical Superintendent	33	1.0	1.0
Instrumentation Superintendent	32	1.0	1.0

5723 Technical Services (continued)

Full-Time Positions	Grade	FY23	FY24
Maintenance Planner Scheduler	31	1.0	1.0
Maintenance Superintendent	31	2.0	2.0
Mechanical Superintendent	31	1.0	1.0
Assistant Electrical Superintendent	29	1.0	1.0
Assistant Instrumentation Superintendent	29	1.0	1.0
Assistant Mechanical Superintendent	28	1.0	1.0
Electrical Technician	28	1.0	1.0
Instrumentation Technician II	28	2.0	2.0
Technical Services Maintenance Supervisor	28	4.0	4.0
Industrial Electrician II	27	4.0	4.0
Instrumentation Technician	27	15.0	15.0
Industrial Electrician	26	18.0	19.0
Lead Technical Services Mechanic	26	6.0	6.0
Lead Welder	26	1.0	1.0
Industrial Mechanic	25	19.0	18.0
Technical Services Crane Operator	25	2.0	2.0
Warehouse Foreman	25	1.0	1.0
Welder	24	5.0	5.0
Maintenance Dispatcher	23	2.0	4.0
Administrative Technician	22	1.0	1.0
Maintenance Shop Assistant	20	11.0	11.0
Total Full-Time Positions		104.5	106.0

* Title &/or Grade change per FY23 Facilities Reorganization

5750 Human Resources Benefits

Full-Time Positions	Grade	FY23	FY24
Wellness and Benefits Administrator	31	-	1.0
Benefits Specialist	25	-	1.0
Human Resources Specialist	25	-	1.0
Total Full-Time Positions		-	3.0

* These positions have been moved from the Human Resources department beginning in FY24

5751 Human Resources

Full-Time Positions	Grade	FY23	FY24
Assistant Deputy (Human Resources)	47	1.0	1.0
Human Resources Manager	43	2.0	2.0
Training & Development Manager	38	1.0	1.0
Human Resources Trainer	31	1.0	-
Wellness and Benefits Administrator *	31	1.0	-
Compensation & HRIS Analyst	30	-	1.0
Talent Acquisition Specialist	30	-	1.0
Benefits Specialist *	25	1.0	-
Human Resources Generalist	25	2.0	2.0
Human Resources Specialist *	25	2.0	1.0
Receptionist	18	1.0	1.0
Total Full-Time Positions		12.0	10.0

* These positions have been moved to the new Human Resources Benefits department beginning in FY24

5752 Records

Full-Time Positions	Grade	FY23	FY24
Records Manager	38	1.0	1.0
Digital Process Designer	30	1.0	1.0
Records Technician	25	4.0	4.0
Total Full-Time Positions		6.0	6.0

5753 Safety

Full-Time Positions	Grade	FY23	FY24
Health & Safety Manager	43	1.0	1.0
Emergency Preparedness & Response Manager	38	1.0	1.0
Emergency Operations Specialist	32	1.0	1.0
Safety Specialist	32	3.0	3.0
Safety Training Specialist	32	1.0	1.0
Physical Security Specialist	29	1.0	1.0
Security Systems Coordinator	29	1.0	2.0
Safety Administrator	24	1.0	1.0
Total Full-Time Positions		10.0	11.0

5761 Accounting

Full-Time Positions	Grade	FY23	FY24
Assistant Deputy (Finance) *	47	0.5	0.3
Accounting Manager	43	1.0	1.0
Assistant Accounting Manager	39	1.0	1.0
Financial Reporting & Compliance Supervisor	38	1.0	1.0
Capital Project & Fixed Asset Supervisor	35	1.0	1.0
Senior Accountant	32	2.0	3.0
Payroll Supervisor	31	1.0	1.0
Staff Accountant	29	2.0	2.0
Accounts Payable Supervisor	27	1.0	1.0
Accounts Payable Technician	24	3.0	3.0
Accounts Receivable Specialist	24	1.0	1.0
Payroll Technician	24	2.0	2.0
Total Full-Time Positions		16.5	17.3

* This position is allocated between Accounting, Finance & Procurement beginning in FY24

5762 Finance

Full-Time Positions	Grade	FY23	FY24
Assistant Deputy (Finance) *	47	0.5	0.3
Finance Manager	43	1.0	1.0
Assistant Finance Manager	38	1.0	1.0
Treasury Supervisor **	35	1.0	1.0
Financial Analyst	29	5.0	5.0
Investment Coordinator	29	1.0	1.0
Administrative Assistant	24	1.0	1.0
Total Full-Time Positions		10.5	10.3

* This position is allocated between Accounting, Finance & Procurement beginning in FY24

** Title Change in FY24

5763 Procurement

Full-Time Positions	Grade	FY23	FY24
Assistant Deputy (Finance) *	47	-	0.3
Procurement Manager	43	1.0	1.0
Procurement Supervisor	37	-	1.0
Purchasing Agent	35	1.0	1.0
Senior Buyer	30	3.0	3.0
Buyer I	25	-	1.0
Total Full-Time Positions		5.0	7.3

* This position is allocated between Accounting, Finance & Procurement beginning in FY24

5771 Information Technology

Full-Time Positions	Grade	FY23	FY24
Assistant Deputy (Information Technology)	47	1.0	1.0
Enterprise Solutions Manager *	43	-	1.0
Information Technology Manager*	43	1.0	1.0
Information Systems Manager	39	1.0	-
GIS Supervisor *	34	-	1.0
Cybersecurity Analyst	32	1.0	1.0
Technical Project Coordinator	32	1.0	1.0
GIS Analyst *	30	1.0	2.0
Information Technology Administrator	29	3.0	3.0
GIS Coordinator	28	1.0	-
Information Systems Analyst	27	1.0	1.0
Information Systems Senior Technician	27	1.0	1.0
Information Technology Technician	26	4.0	4.0
Information Systems Technician	25	1.0	1.0
SharePoint Administrator	25	1.0	1.0
Administrative Technician	22	1.0	1.0
GIS Assistant	22	1.0	-
Information Systems Assistant	22	2.0	2.0
Total Full-Time Positions		22.0	22.0

* Title &/or Grade change per IT Reorganization

5772 Environmental Services

Full-Time Positions	Grade	FY23	FY24
Environmental Services Manager	43	0.3	0.3
Environmental Program Manager	38	0.6	0.6
Environmental Program Supervisor	33	0.4	0.4
Environmental Quality Analyst *	30	0.9	0.9
Environmental Supervisor I	30	1.0	1.0
Environmental Specialist II	28	1.0	1.0
WIMS Analyst	27	1.0	1.0
Environmental Specialist I	25	1.0	1.0
Environmental Technician	23	3.0	3.0
Administrative Technician	22	0.2	0.2
Total Full-Time Positions		9.4	9.4

* Title Change in FY24

5773 Laboratory Services			
Full-Time Positions	Grade	FY23	FY24
Environmental Services Manager	43	0.3	0.3
Laboratory Manager	38	1.0	1.0
Laboratory Operations Manager	33	1.0	1.0
Laboratory Quality Supervisor	32	1.0	1.0
LIMS Administrator	32	1.0	1.0
Laboratory Quality Specialist	30	1.0	1.0
Laboratory Section Supervisor - 4th Qtr	30	4.0	5.0
Chemist / Biologist	29	6.0	6.0
Laboratory Data Validator	27	1.0	1.0
LIMS Analyst	27	-	1.0
Senior Laboratory Technician	27	11.0	11.0
Senior Sample Control Technician	27	2.0	2.0
Sample Control Technician II	24	1.0	1.0
Administrative Technician	22	0.2	0.2
Sample Control Technician	20	2.0	2.0
Total Full-Time Positions		32.5	34.5

5774 Regulatory Compliance			
Full-Time Positions	Grade	FY23	FY24
Environmental Services Manager	43	0.3	0.3
Environmental Compliance Manager	38	1.0	1.0
Senior Environmental Health & Safety Specialist	31	1.0	1.0
Environmental Compliance Coordinator	29	1.0	1.0
Total Full-Time Positions		3.3	3.3

Total Shared Services Fund Positions	422.1	436.1
Total All Systems Positions	943.0	969.0

SALARY SCHEDULE ANNUAL AMOUNTS

Grade	Minimum	Midpoint	Maximum
16	\$33,021	\$40,947	\$48,873
17	34,760	43,102	51,444
18	36,498	45,257	54,016
19	38,322	47,520	56,718
20	40,238	49,896	59,554
21	42,250	52,391	62,531
22	44,364	55,011	65,658
23	46,581	57,761	68,940
24	48,910	60,649	72,387
25	51,356	63,681	76,007
26	53,924	66,865	79,807
27	56,620	70,209	83,798
28	59,451	73,720	87,988
29	62,424	77,405	92,387
30	65,545	81,276	97,007
31	68,821	85,339	101,857
32	72,264	89,607	106,950
33	75,877	94,087	112,297
34	79,669	98,791	117,912
35	83,653	103,730	123,807
36	87,837	108,917	129,998
37	92,228	114,363	136,498
38	96,839	120,081	143,322
39	101,682	126,085	150,488
40	106,765	132,389	158,013
41	112,103	139,009	165,914
42	117,709	145,959	174,209
43	123,594	153,257	182,920
44	129,775	160,920	192,066
45	136,263	168,966	201,669
46	143,076	177,414	211,753
47	150,230	186,285	222,339
48	157,742	195,599	233,457

PLUS - THE FOLLOWING PAY FOR TCEQ REQUIRED LICENSE.

LICENSE	MONTHLY
A	\$150.00
B	\$75.00
C	\$50.00

PLUS - THE FOLLOWING SHIFT DIFFERENTIAL PAY FOR MONDAY THROUGH SUNDAY.

SHIFT	HOURLY
1ST	\$0.00
2ND	\$1.00
3RD	\$1.50

PLUS - THE FOLLOWING PAY FOR HAZMAT CERTIFICATION.

PROGRAM	MONTHLY
HAZMAT PAY	\$166.67

2023-24
BOIS D'ARC LAKE FEE SCHEDULE

BOIS D'ARC LAKE FEE SCHEDULE

Agreement Type	Activity/Facility	Application Fee (\$)	Annual Fee	Incentives/Additional Information
Shoreline Lease and Use Agreement	Dock/Overwater structure	Application/First Year: \$750	\$325 for years 2 through 5 of a 5-year agreement	All shoreline use activities/facilities will be combined on one permit. Only the higher fee identified will be assessed.
Shoreline Lease and Use Agreement	Vegetation Modification	\$500	N/A	If erosion control or stormwater runoff treatment BMPs are provided supplementary to any required erosion control; an incentive reduction of 50 percent of the annual fee may be applied.
Shoreline Lease and Use Agreement	Other (access paths, non-bioengineered structures for erosion control, land-based facilities, etc.)	\$500	N/A	
Shoreline Lease and Use Agreement	Modification Fee	50-100 percent of the original application fee	N/A	
Shoreline Lease and Use Agreement	Renewal Fee	50 percent of the original application fee	See Note	The \$325 annual fee for an agreement for a dock is applied to each subsequent 5-year agreement.
Shoreline Lease and Use Agreement	Appeal or Revocation Agreement	\$250	N/A	
Shoreline Lease and Use Agreement	Appeal or Denial of Agreement Conditions	\$100	N/A	
Shoreline Lease and Use Agreement	Standing timber removal below 534 MSL contour (not to exceed 0.5 acres)	\$250	N/A	Not to exceed 0.5 acres of standing timber below the 534 MSL contour. (ONLY issued in conjunction with a Shoreline Use Agreement for a Dock and with necessary approvals from NTMWD and USACE; \$250 fee is in addition to the agreement fees for a dock.)
Special Event/Temporary Use Agreement	25+ persons or vessels involved in an event	\$150	N/A	Short term uses that do not involve construction or installation of permanent facilities.
Natural Resource Management Notification	Hazard tree removal	\$0	N/A	
Natural Resource Management Notification	Planting/restoring native vegetation	\$0	N/A	Environmentally sustainable activities
Natural Resource Management Notification	Invasive/noxious weed removal/control	\$0	N/A	May include the use of herbicides to control noxious/invasive plants.
Legal Non-Conforming Use Authorization	Non-conforming use	\$0	N/A	No fee will be assessed for any Grandfathered Activities/Facilities included in land sale agreements.
Mobility Assistance Vehicle Agreement	Allows for 6-foot-wide path and use of approved motorized vehicle	\$25	N/A	

BOIS D'ARC LAKE REMEDIES AND PENALTIES FOR VIOLATIONS FEE SCHEDULE

Violation	Violation Category	Remedy	Resolution Timeframe (Days) First Notice	Resolution Timeframe (Days) Second Notice	Fine First Notice	Fine Second and Third Notices
Unauthorized Burning	Major	Immediately stop unauthorized burning and remove debris from NTMWD-owned property	1	N/A	\$200	N/A
Storage or placement of fuel, oil, treated landscape timbers, pesticides, or other hazardous materials on docks or NTMWD-owned property	Major	Remove hazardous materials from NTMWD-owned property and store in secure location on private property	5	3	N/A	\$200
Unauthorized use of pesticides/fertilizers on leased property	Major	Stop unauthorized use of pesticides and report changes in water quality (e.g., algal blooms and/or dead fish) to NTMWD	1	N/A	\$200	N/A
Unauthorized placement or storage of personal property on NTMWD-owned property and/or water	Major	Remove personal property from NTMWD-owned property and store in a secure location on private property	5	3	N/A	\$200
Unauthorized use of private overwater facility (e.g., human habitation on boat dock, storing nonauthorized vessels or watercraft at an approved boat dock, subletting boat dock)	Major	Stop unauthorized use and restore facility to post-violation conditions (e.g., remove evidence of human habitation from boat dock)	15	10	\$200	\$200
Unauthorized dock structure or dock modification	Major	Stop construction (if applicable) and restore facility to pre-violation conditions	15	10	\$200	\$200

BOIS D'ARC LAKE REMEDIES AND PENALTIES FOR VIOLATIONS FEE SCHEDULE (continued)

Violation	Violation Category	Remedy	Resolution Timeframe (Days) First Notice	Resolution Timeframe (Days) Second Notice	Fine First Notice	Fine Second and Third Notices
Unauthorized vegetation modification (e.g., removing vegetation outside of an authorized area, changing landform, planting unauthorized plants)	Major	Stop violation and restore to pre-violation conditions (e.g., replant with authorized native plant species)	30	15	\$200	\$200
Deviation from approved dock construction plans (e.g., construction materials, anchoring methods, etc.)	Major	Reconstruct dock to conform to approved construction plans	30	15	N/A	\$200
Unauthorized access path construction	Major	Stop construction and restore area to pre-violation conditions	15	10	\$200	\$200
Emerging erosion issues (signs may include shoreline recession, increased water turbidity and discoloration in the surrounding area, bare soil, exposed plant roots, and unstable banks)	Major	Stop erosion producing activity and install erosion control devices and/or plant native vegetation	30	15	\$200	\$200
Unauthorized use of a mobility assistance vehicle	Major	Stop unauthorized use, restore area to pre-violation conditions (if applicable)	15	10	N/A	\$200
Failure to delineate the NTMWD boundary line	Moderate	Delineate and mark the NTMWD boundary line using methods approved in the Shoreline Management Plan	15	10	N/A	\$200
Failure to restore the leased area after completion of a permitted activity or after the lessee damages the area	Moderate	Restore area to pre-lease conditions (e.g., restore vegetation, install erosion control measures such as water bars and vegetated swales)	30	15	N/A	\$200/week

BOIS D'ARC LAKE REMEDIES AND PENALTIES FOR VIOLATIONS FEE SCHEDULE (continued)

Violation	Violation Category	Remedy	Resolution Timeframe (Days) First Notice	Resolution Timeframe (Days) Second Notice	Fine First Notice	Fine Second and Third Notices
Failure of new adjacent landowner to apply for shoreline use agreement for existing uses within 30 days or to restore the use area within 60 days from the date of ownership transfer	Moderate	Apply for a new shoreline lease and use agreement or restore the use area	30	15	N/A	\$200/week
Failure to display agreement tags on authorized facilities	Minor	Display agreement tags according to agreement conditions and Shoreline Management Plan requirements	30	15	N/A	\$50/week
Failure to have a copy of the agreement with the mobility assistance vehicle during use on NTMWD-owned property	Minor	Carry agreement according to authorization conditions	1	1	N/A	\$50
Failure to pay agreement fees	Minor	Pay outstanding agreement fee	30	15	N/A	\$50/week
Failure to renew an agreement	Minor	Apply for a new agreement and pay associated application fees	30	15	N/A	\$50/week
Failure to complete construction within allowed time limit	Minor	Apply for new agreement and pay associated application fees	30	15	N/A	\$50/week
Noncompliance with applicable laws, ordinances and regulations	N/A	NTMWD reports violations to the appropriate authority for enforcement	Depends on law/regulation	Depends on law/regulation	Depends on law/regulation	Depends on law/regulation

NTMWD Water Operations Center



2023-24
BUDGET RESOLUTION

NORTH TEXAS MUNICIPAL WATER DISTRICT

RESOLUTION NO. 23-

A RESOLUTION APPROVING APPROPRIATIONS FOR THE 2023-24 ALL SYSTEMS ANNUAL BUDGET, AMENDING THE 2022-23 ANNUAL BUDGET AND PROVIDING RATES AND CHARGES FOR SYSTEM SERVICES OF THE NORTH TEXAS MUNICIPAL WATER DISTRICT

WHEREAS, State Law and contracts between the North Texas Municipal Water District and the municipalities served require the adoption of an Annual Budget appropriating funds for the operation, maintenance and debt service requirements for each of the District Systems; and

WHEREAS, it is necessary to establish rates and charges to meet the financial requirements for each of the District Systems in accordance with contractual agreements; and

WHEREAS, the Executive Director/General Manager has prepared the Annual Budget and has determined that the charges for services as proposed will meet the overall financial requirements for each of the District Systems.

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE NORTH TEXAS MUNICIPAL WATER DISTRICT THAT THE 2023-24 ALL SYSTEMS ANNUAL BUDGET BE APPROVED AS SUBMITTED BY THE EXECUTIVE DIRECTOR FOR THE FISCAL YEAR OCTOBER 1, 2023 THROUGH SEPTEMBER 30, 2024. FURTHER, THE RATES AND CHARGES FOR SERVICES ARE HEREBY APPROVED IN ACCORDANCE WITH THE FOLLOWING APPROPRIATIONS, CHARGES AND SPECIAL DETAILS.

SECTION A - APPROPRIATIONS

1. The major budgetary control shall be the expenditure summary sheet of each System in the 2023-24 Annual All Systems Budget document; and the Executive Director, or their designee, shall have the authority to transfer funds between System accounts. Such transfers shall be documented in an amended Annual All Systems Budget approved by the Board of Directors. If needed, the Board of Directors may approve by separate resolution expenditures exceeding those shown in the expenditure summary sheet of each System taking into account available transfers.

<u>By System:</u>	2022-23	2023-24
	Amended Budget	Proposed Budget
Regional Water System	\$ 429,957,115	\$ 469,388,075
Regional Wastewater System	97,346,400	108,374,210
Upper East Fork Interceptor System	48,974,735	55,601,960
Regional Solid Waste System	45,479,995	45,548,730
Little Elm Water Transmission Facilities	10,010	-
Plano Water Transmission Facilities	296,340	1,750,055
Kaufman Four-One Water Distribution Facilities	149,800	164,500
Rockwall-Heath Water Storage Facilities	237,370	160,845
Terrell Water Transmission Facilities	742,485	743,850
Rockwall Water Pump Station Facilities	174,165	175,455
South Rockwall (Buffalo Creek) WWTP	1,868,185	2,069,335
North Rockwall (Squabble Creek) WWTP	980,995	978,175
Panther Creek WWTP	10,356,860	11,076,440
Sabine Creek WWTP	7,137,115	6,828,810
Stewart Creek WWTP	11,296,865	11,873,195
Muddy Creek WWTP	10,041,220	11,361,000
Seis Lagos WWTP	373,735	420,565
Farmersville WWTP	632,690	832,075
Lavon (Bear Creek) WWTP	550,185	583,525
Forney Interceptor	591,245	610,840
Lower East Fork Interceptor	1,991,575	2,952,015
Muddy Creek Interceptor	303,550	182,485

	2022-23 Amended Budget	2023-24 Proposed Budget
Parker Creek Interceptor	\$ 443,410	\$ 445,245
Sabine Creek Interceptor	98,660	358,000
Buffalo Creek Interceptor	4,400,285	5,339,530
McKinney Creek Interceptor	88,930	52,975
Mustang Creek Interceptor	2,527,285	3,491,660
Parker Creek Parallel Interceptor	257,720	264,340
Wastewater Pretreatment Program	1,439,115	1,764,925
Total	\$ 678,748,040	\$ 743,392,815

By Character:

	Amended Budget	Proposed Budget
Personnel	\$ 112,223,305	\$ 123,925,830
Supplies	117,326,905	123,611,345
Services	95,480,260	115,718,330
Capital Outlay	19,164,925	13,427,400
Escrow	12,615,645	3,422,810
Capital Improvement	23,266,500	38,765,000
Debt Service	298,670,500	324,522,100
Total	\$ 678,748,040	\$ 743,392,815

2. The Amended Budget, as set forth in the 2023-24 All Systems Annual Budget Document, shall be approved as the authorized Amended Budget for the 2022-23 Fiscal Year and the Proposed Budget, as set forth in the 2023-24 All Systems Annual Budget Document, shall be approved as the authorized Budget for the 2023-24 Fiscal Year.

3. The Salary Plan as set forth in the 2023-24 All Systems Annual Budget Document shall be applicable to all District employees and salaries shall be paid during the 2023-24 Fiscal Year in biweekly payments (every two weeks).

4. The Executive Director / General Manager's annual total compensation shall be set by the Board of Directors.

5. The annual total compensation for the Deputy Directors and the General Counsel shall be set by the Executive Director/General Manager and shall not exceed 80% of the annual total compensation for the ED/GM.

6. All District employees who have progressed to the maximum pay for their salary grade shall be considered for a one-time merit lump sum payment, with an average of 5% of their current annual salary.

SECTION B - CHARGES FOR SERVICE

1. The following minimum annual demands and water rates shall be applicable during the 2023-24 Fiscal Year.

WHOLESALE TREATED WATER RATES

Entity	Minimum Annual Demand 1,000 gallons	Water Rate per 1,000 gallons	Minimum Annual Charge	Excess Water Rate per 1,000 gallons
Members:				
Allen	6,337,339	\$ 3.69	\$ 23,384,781	\$ 0.83
Farmersville	273,807	3.69	1,010,348	0.83
Forney	2,866,785	3.69	10,578,437	0.83
Frisco	14,133,266	3.69	52,151,752	0.83
Garland	13,055,765	3.69	48,175,773	0.83
McKinney	12,390,810	3.69	45,722,089	0.83
Mesquite	7,819,360	3.69	28,853,438	0.83

WHOLESALE TREATED WATER RATES (continued)

Entity	Minimum	Water	Minimum	Excess Water
	Annual Demand	Rate per 1,000 gallons		Rate per 1,000 gallons
	1,000 gallons			
Plano	25,457,479	\$ 3.69	93,938,098	0.83
Princeton	1,372,059	3.69	5,062,898	0.83
Richardson	10,565,349	3.69	38,986,138	0.83
Rockwall	4,728,973	3.69	17,449,910	0.83
Royse City	873,326	3.69	3,222,573	0.83
Wylie	1,930,568	3.69	7,123,796	0.83
Total Members	101,804,886		\$ 375,660,029	
Customers:				
Ables Springs SUD	109,977	\$ 3.74	411,314	c
Bear Creek SUD	476,419	3.74	1,781,807	c
BHP WSC	176,927	3.74	661,707	c
Bonham	640,000	3.69 a	2,361,600	b
Caddo Basin SUD	493,610	3.74	1,846,101	0.88
Cash SUD	360,572	3.74	1,348,539	c
College Mound SUD	78,066	3.74	291,967	0.88
Copeville SUD	139,114	3.74	520,286	0.88
East Fork SUD	699,808	3.74	2,617,282	0.88
Fairview	1,036,186	3.74	3,875,336	c
Fate	920,331	3.74	3,442,038	c
Forney Lake WSC	632,384	3.74	2,365,116	c
Gastonia Scurry SUD	110,490	3.74	413,233	c
GTUA	1,633,584	3.74	6,109,604	c
Josephine	243,242	3.74	909,725	c
Kaufman	465,043	3.74	1,739,261	c
Kaufman Four-One	555,695	3.74	2,078,299	0.88
Little Elm	1,804,752	3.74	6,749,772	b
Lucas	712,171	3.74	2,663,520	0.88
Melissa	350,960	3.74	1,312,590	0.88
Milligan WSC	149,894	3.74	560,604	b
Mt. Zion WSC	156,750	3.74	586,245	c
Murphy	1,661,494	3.74	6,213,988	0.88
Nevada SUD	160,111	3.74	598,815	c
North Collin SUD	390,919	3.74	1,462,037	c
Parker	676,902	3.74	2,531,613	0.88
Prosper	3,085,412	3.74	11,539,441	c
Rose Hill SUD	142,315	3.74	532,258	c
Rowlett	3,192,039	3.74	11,938,226	b
Sachse	1,332,153	3.74	4,982,252	0.88
Seis Lagos Utility District	165,598	3.74	619,337	0.88
Sunnyvale	783,784	3.74	2,931,352	b
Terrell	1,489,739	3.74	5,571,624	b
Wylie N.E. SUD	476,262	3.74	1,781,220	c
Total Customers	25,502,703		\$ 95,348,109	
Total	127,307,589		\$ 471,008,139	

a Pays Member Rate.

b Excess Water Rate Subject to Contract Minimums.

c Water consumed over Minimum Annual Demand shall be charged at a rate of \$3.74 / 1,000 gallons.

RETAIL TREATED WATER RATES - RESIDENTIAL

Minimum - First 2,000 Gallons	\$15.00
From 2,000 to 10,000 Gallons	\$7.48 per 1,000 Gallons
From 10,000 to 20,000 Gallons	\$9.36 per 1,000 Gallons
Above 20,000 Gallons	\$11.69 per 1,000 Gallons
Reconnect Fees	\$30.00

RETAIL TREATED WATER RATES - COMMERCIAL

From 0 to 10,000 Gallons	\$7.48 per 1,000 Gallons
Above 10,000 Gallons	\$9.36 per 1,000 Gallons
Reconnect Fees	\$30.00

NON-POTABLE WATER RATE

East Fork Raw Water Project	\$.75 per 1,000 Gallons
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2. The following charges, taken from the adopted Bois d'Arc Lake Shore Management Plan, shall be applicable during the 2023-24 Fiscal Year.

BOIS D'ARC LAKE FEES

SHORELINE LEASE AND USE AGREEMENT

Activity / Facility	Application Fee	Annual Fee
Dock	Application First Year: \$750	\$325 for years 2 through 5 of a 5-year agreement
Vegetation Modification	\$500	N/A
Other (access paths, non-bioengineered structures for erosion control, land-based facilities, etc.)	\$500	N/A
Modification Fee	50-100% of the original application fee	N/A
Renewal Fee	50-100% of the original application fee	N/A
Appeal or Revocation Agreement	\$250	N/A
Appeal or Denial of Agreement Conditions	\$100	N/A
Standing timber removal below 534 MSL contour (not to exceed 0.5 acres)	\$250	N/A

BOIS D'ARC LAKE FEES (continued)

SHORELINE LEASE AND USE AGREEMENT

SPECIAL EVENT / TEMPORARY USE AGREEMENT

25+ persons or vessels involved in an event	\$150	N/A
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NATURAL RESOURCE MANAGEMENT NOTIFICATION

Hazard tree removal	\$0	N/A
Planting/restoring native vegetation	\$0	N/A
Invasive/noxious weed removal/control	\$0	N/A

LEGAL NON-CONFORMING USE AUTHORIZATION

Non-conforming use	\$0	N/A
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MOBILITY ASSISTANT VEHICLE AGREEMENT

Allows for 6-foot-wide path and use of approved motorized vehicle	\$25	N/A
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BOIS D'ARC LAKE PENALTIES FOR VIOLATIONS

Violation	Category	Fine First Notice	Fine Second/Third Notice
Unauthorized Burning	Major	\$200	N/A
Storage or placement of fuel, oil, treated landscape timbers, pesticides, or other hazardous materials on docks or NTMWD-owned property	Major	N/A	\$200
Unauthorized use of pesticides/fertilizers on leased property	Major	\$200	N/A
Unauthorized placement or storage of personal property on NTMWD-owned property and/or water	Major	N/A	\$200
Unauthorized use of private overwater facility (e.g., human habitation on boat dock, storing nonauthorized vessels or watercraft at an approved boat dock, subletting boat dock)	Major	\$200	\$200
Unauthorized dock structure or dock modification	Major	\$200	\$200
Unauthorized vegetation modification (e.g., removing vegetation outside of an authorized area, changing landform, planting unauthorized plants)	Major	\$200	\$200
Deviation from approved dock construction plans (e.g., construction materials, anchoring methods, etc.)	Major	N/A	\$200
Unauthorized access path construction	Major	\$200	\$200
Emerging erosion issues (signs may include shoreline recession, increased water turbidity and discoloration in the surrounding area, bare soil, exposed plant roots and unstable banks)	Major	\$200	\$200
Unauthorized use of a mobility assistance vehicle	Major	N/A	\$200

BOIS D'ARC LAKE PENALTIES FOR VIOLATIONS (continued)

Violation	Category	Fine First Notice	Fine Second/Third Notice
Failure to delineate the NTMWD boundary line	Moderate	N/A	\$200
Failure to restore the leased area after completion of a permitted activity or after the lessee damages the area	Moderate	N/A	\$200/week
Failure of new adjacent landowner to apply for shoreline use agreement for existing uses within 30 days or to restore the use area within 60 days from the date of ownership transfer	Moderate	N/A	\$200/week
Failure to display agreement tags on authorized facilities	Minor	N/A	\$50/week
Failure to have a copy of the agreement with the mobility assistance vehicle during use on NTMWD-owned property	Minor	N/A	\$50
Failure to pay agreement fees	Minor	N/A	\$50/week
Failure to renew an agreement	Minor	N/A	\$50/week
Failure to complete construction within allowed time limit	Minor	N/A	\$50/week
Non-compliance with applicable laws, ordinances, and regulations	N/A	Depends on law/ regulation	Depends on law/ regulation

3. The following non-member city customer charges at District landfills and transfer stations shall be applicable during the 2023-24 Fiscal Year.

121 REGIONAL DISPOSAL FACILITY CHARGES

- I. All Vehicles - \$48.00 per Ton, One Ton Minimum
- II. Additional charge above the basic vehicle charge:
 - For loads containing roofing shingles - \$150.00
 - For tires based on wheel size:
 - \$5.00 per tire up to 24.5" diameter
 - No farm tractor, motor grader, loader or scraper tires accepted
- III. The Executive Director may prepare a schedule of charges to be used when weights are not practical to obtain.
- IV. There shall be a charge to District operated wastewater plants for disposal of federal and state approved sludge materials equivalent to \$28.09 per actual ton.
- V. Pull-off Fee (non-refundable) - \$25.00 (plus sales tax, if applicable)
- VI. The Executive Director may prepare a schedule of charges, subject to approval of the Board of Directors, for special projects.

CUSTER ROAD, PARKWAY AND LOOKOUT DRIVE TRANSFER STATION CHARGES

- I. All Vehicles - \$65.00 per Ton (plus sales tax), One Ton Minimum
- II. Member City residents delivering construction and demolition debris waste (0.5 tons and less) - \$25.00 (plus sales tax)
- III. Additional charge above the basic vehicle charge for loads containing roofing shingles - \$150.00 (plus sales tax)
- IV. The Executive Director may prepare a schedule of charges to be used when weights are not practical to obtain.
- V. Pull-off Fee (non-refundable) - \$25.00 (plus sales tax, if applicable)

4. Charges shall be levied on the basis of monthly increments to provide the necessary funds to meet the appropriations for the Regional Wastewater System, Regional Solid Waste System, Upper East Fork Interceptor System and each of the Funds in the Small Systems in accordance with the appropriate contracts for service. Actual charges shall be determined after the end of the fiscal year and the appropriate debit or credit allowed.

5. Special debt service shall be allocated to the City of Sulphur Springs in the amount of \$600 in the Water System.

THIS RESOLUTION ADOPTED BY THE NTMWD BOARD OF DIRECTORS IN A REGULAR MEETING ON SEPTEMBER 28, 2023, IN THE ADMINISTRATIVE OFFICES OF THE NTMWD.

DAVID HOLLIFIELD, SECRETARY

RICHARD PEASLEY, PRESIDENT

2023-24
GLOSSARY

GLOSSARY OF TERMS AND ACRONYMS

Acre-foot	Volume of water needed to cover 1 acre to a depth of 1 foot. It equals 325,851 gallons.
Actual	The final revenue and expenditure results of operations for a fiscal year.
AD	Acronym for Assistant Deputy
Aeration	The process that forces compressed air into wastewater.
Allocation	The apportioning of the common costs of service.
AM	Acronym for Administrative Memo
BDL	Acronym for Bois d'Arc Lake
Biosolids	Sludge that has been treated to reduce pathogens, organics and odors, forming a reusable agricultural product.
BMP	Acronym for Best Management Practice
BNR	Acronym for Biological Nutrient Removal
Board of Directors	The 13 Member Cities appoint members to the North Texas Municipal Water District Board of Directors, the governing body of the District. Cities with a population greater than 5,000 appoint two members to the Board. Cities with populations less than 5,000 appoint one member to the Board. Each director serves a two-year term.
Bond	A written promise to pay a specified sum of money (principal) at a specified future date (maturity date), as well as periodic interest paid at a specified percentage of the principal (interest rate).
Budget	A financial plan that consists of proposed expenditures for a fiscal year and proposed revenues for the same period needed to provide services. The plan contains rate and fee resolutions for various anticipated revenue sources that finance the projected expenses of various funds.
Capital Improvement Plan (CIP)	A long-range plan of the District for construction, rehabilitation and improvement of District-owned and operated infrastructure and facilities.
Capital Outlay	The purchase of an individual item(s) with a useful life of two or more years, such as land, buildings, vehicle equipment, office equipment, machinery, or other equipment, and which cost more than \$5,000.
CAVS	Acronym for Combination Air Release Valves
CCR	Acronym for Consumer Confidence Report - NTMWD's annual water quality report
CMMS	Acronym for Computerized Maintenance Management System
CMOM	Acronym for Capacity, Management, Operations and Maintenance
Contingency	A budgetary reserve set aside for emergencies or unforeseen expenditures not otherwise budgeted.
Dam	A barrier constructed for the permanent or temporary impounding of water.
Debt Service	The payment of principal and interest on debt.
Deputy Director (DD)	Deputy Directors are responsible for leading the major divisions of the District.
Effluent	End product of the wastewater treatment process.
EPA	Acronym for Environmental Protection Agency
ERMS	Acronym for Electronic Records Management System
Executive Director (ED)	The District's Executive Director is responsible for leading all aspects of the NTMWD's operations, management, planning and services.
FASB	Acronym for Financial Accounting Standards Board
Fiscal Year (FY)	The District's fiscal year begins October 1st and ends September 30th.
Force Main	A pipe that carries wastewater under pressure from the discharge side of a pump to a point of gravity flow downstream.

FTE	Acronym for full-time equivalent, a measurement of staffing. One FTE is a 40-hour week position that is eligible for full benefits.
Fund	An accounting entity with a set of self-balancing accounts for recording the financial resources and transactions of specific activities for an organization.
GAAP	Acronym for Generally Accepted Accounting Principles
GASB	Acronym for Governmental Accounting Standards Board
GFOA	Acronym for Government Finance Officers Association
GIS	Acronym for Geographic Information Systems - A computerized mapping system that captures, stores, analyzes, manages and presents data that is linked to a location.
GTOT	Acronym for Government Treasurers' Organization of Texas
GTUA	Acronym for Greater Texoma Utility Authority
HSPS	Acronym for High Service Pump Station
Infrastructure	Physical means for meeting water and wastewater needs, such as dams, wells, conveyance systems and water or wastewater treatment plants.
Interceptor	Large pipes that receive wastewater from collection systems and transport it to wastewater treatment plants.
Lift Station (LS) (or Pump Station)	A wastewater pumping station designed to "lift" the wastewater to a higher elevation. A lift station normally employs pumps or other mechanical devices to pump the wastewater and discharges into a pressure pipe called a force main.
LAMP	Acronym for Linear Asset Management Program
MG	Acronym for million gallons
MGD	Acronym for million gallons per day
Mitigation	The restoration (re-establishment or rehabilitation), establishment, enhancement and/or in certain circumstances preservation of aquatic resources for the purpose of offsetting unavoidable adverse impacts which remain after all appropriate and practicable avoidance and minimization has been achieved.
Mitigation Area	The portion of a site, right-of-way, or piece of property upon which mitigation is proposed or performed.
NACWA	Acronym for National Association of Clean Water Agencies
NELAC(TNI)	Acronym for National Environmental Accreditation Conference
NELAP	Acronym for National Environmental Laboratory Accreditation Program
NTMWD	Acronym for North Texas Municipal Water District
O&M	Acronym for Operations & Maintenance - relates to the District's day to day operations
PFIA	Acronym for Public Funds Investment Act
Potable Water	Water that is safe for human consumption.
Raw Water	Water obtained from natural resources such as reservoirs.
RDF	Acronym for Regional Disposal Facility
Refunding Bonds	Bonds issued to retire already outstanding bonds.
Reservoir	A structure or impoundment for physically storing raw water.
Revenue Bonds	Bond in which revenue to pay back the bond and interest comes from the project that the borrowed money was used to create or improve.
Right of Way (ROW)	The legal right of passage over another person's property.
RSWS	Acronym for Regional Solid Waste System
RWRRF	Acronym for Regional Water Resource Recovery Facility
RWS	Acronym for Regional Water System
RWWS	Acronym for Regional Wastewater System

RWWTP	Acronym for Regional Wastewater Treatment Plant
SCADA	Acronym for Supervisory Control and Data Acquisition – The hardware and software system that collects real time data from sensors at remote locations and sends the data to a centralized computer where operating personnel can control equipment or conditions.
SDWA	Acronym for Safe Drinking Water Act - The federal law that protects public drinking water supplies throughout the nation.
Sludge	Solid, semi-solid or liquid by-product of wastewater treatment.
SOP	Acronym for Standard Operating Procedures
Sanitary Sewer Overflow (SSO)	An unauthorized discharge of untreated or partially treated wastewater from a collection system or its components before reaching a treatment facility.
SUD	Acronym for Special Utility District
SWIFT	Acronym for State Water Implementation Fund for Texas
TCEQ	Acronym for Texas Commission on Environmental Quality
TWCA	Acronym for Texas Water Conservation Association
TWDB	Acronym for Texas Water Development Board
TS	Acronym for Transfer Station
Treated Water	Raw water that has passed the purification process.
UEFIS	Acronym for Upper East Fork Interceptor System
UTRWD	Acronym for Upper Trinity Regional Water District
Water Conservation	Refers to reducing the use of water and reducing the waste of water through various methods ranging from more efficient practices in farm, home and industry to capturing water for use through water storage or conservation projects. Conservation could include practices that encourage consumers to reduce the use of water.
Water Contract	A contract between two parties for the supply of raw or potable water. The contract will have specific terms in relation to payment and expiration dates.
Water Demand	The quantity of water projected to meet the overall necessities of a water user group in a specific future year.
Water Rights	Legally protected right to take possession of water occurring in a water supply and to guide the water for beneficial use.
Water Storage Facility (WSF)	A tank for storing water.
Water Supply	A supply of water; specifically, water collected, as in reservoirs, and conveyed, as by pipes, for the use in a city, mill, or the like.
Water Use	The quantity of raw water supplied to or pumped by an individual water user.
Watershed	An area from which water drains to the nearest stream or lake.
WDF	Acronym for Water Distribution Facility
WTF	Acronym for Water Transmission Facility
WTP	Acronym for Water Treatment Plant - A facility that treats and produces potable water for public consumption.
WWTP	Acronym for Wastewater Treatment Plant - A facility used in the conveyance, storage, treatment, reclamation and disposal of wastewater.