



NORTH
TEXAS
MUNICIPAL
WATER
DISTRICT

2022-2023 ANNUAL BUDGET



WATER
SERVICES



WASTEWATER
SERVICES



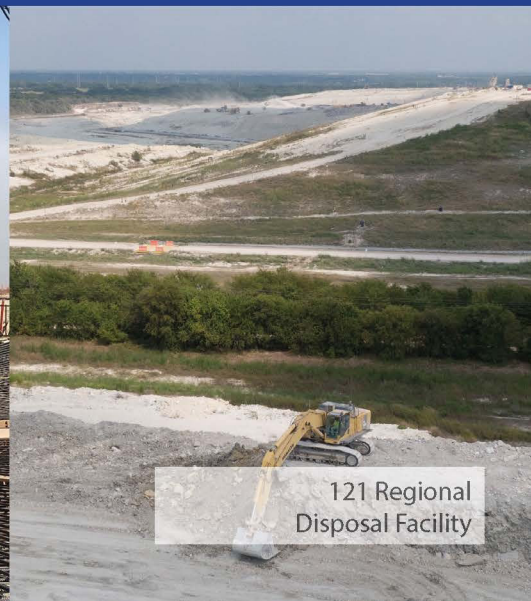
SOLID WASTE
SERVICES



Leonard Water
Treatment Plant



Sister Grove Regional Water
Resource Recovery Facility



121 Regional
Disposal Facility

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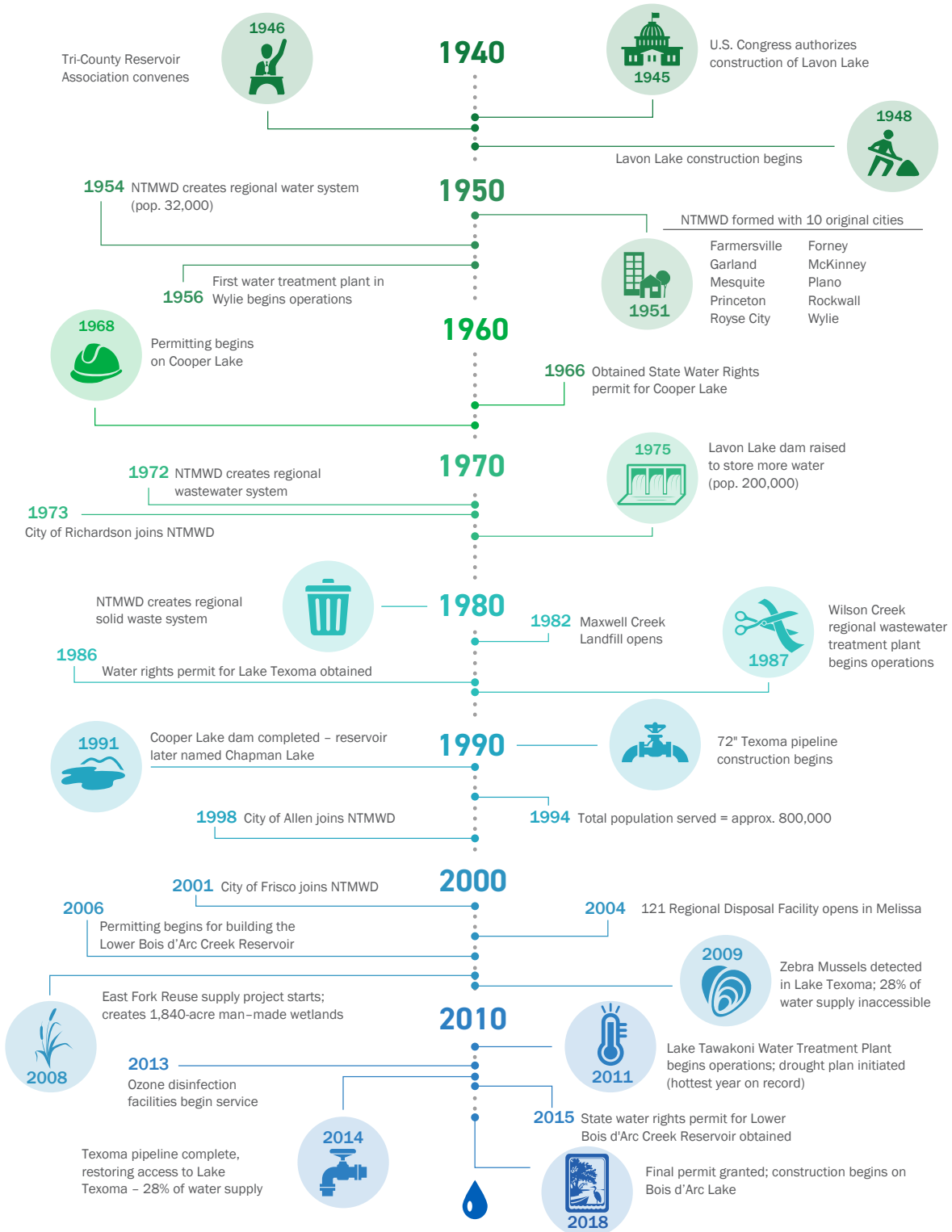
INTRODUCTION

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LEGACY OF SERVICE

Meeting Our Region's Needs Today and Tomorrow



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Regional. Reliable. Everyday.

September 22, 2022

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

RE: FY23 ALL SYSTEMS BUDGET

Dear Directors:

Submitted herewith is the proposed FY23 Annual All Systems Budget for the North Texas Municipal Water District. This budget document has been prepared by the Finance Staff, as submitted by the System Managers, and has been reviewed and approved by the Executive Director.

During FY22, the District was already navigating a challenging economic environment including supply chain issues and growing inflation when Russia invaded Ukraine and exacerbated the situation. Inflation soared to the highest levels in 40 years with fuel and chemicals seeing some of the largest increases with extreme volatility. To mitigate the unprecedented increase in chemicals, the District conducted out-of-cycle rebids for many of the chemicals needed to meet the mission. Under new contract terms the District shifted from a historically fixed unit price to a contract that adjusts pricing quarterly based on appropriate indices. As a result of the estimated \$13.8 million chemical budget overage in the Regional Water System, the District must forego the variable cost rebate during FY22. As inflation ramped up, the Federal Reserve took a more aggressive stance to combat it and has since raised interest rates multiple times. Higher interest rates increase borrowing costs for the District and as such the District has raised its interest rate assumptions for future debt issuances.

For FY23 the District plans on a 49% increase to the Regional Water System's chemical budget and has paused the practice of reducing variable costs in order to provide additional flexibility if chemical costs increase more than what is currently budgeted. Due primarily to growth in District facilities, 45 positions including 16 new positions to begin staffing the Sister Grove Regional Water Resource Recovery Facility, will be added. Other major increases to the FY23 budget include electric power, basin and clear well crack repairs, landfill development costs, and additional capital improvement transfers and debt service to fund approximately \$980 million of capital projects District-wide.

The financial impacts on the People (staffing needs for growth and job market conditions), Product (supplies and services), and Planning (the capital commitments of one of the fastest growing regions in the country) of the District, have forced us to budget a rate adjustment for the first time since FY21 in the Regional Water System. We understand and are empathetic to the effects this will have on customers already enduring the inflation of rent, groceries, and increased living expenses.

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

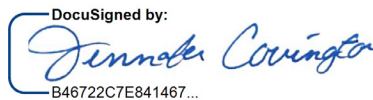
Despite these challenges the District remains in a sound financial condition. The Board's goal of meeting the contractual obligation of the participating cities within state and federal laws while protecting the environment continues to be accomplished with reasonable cost in all systems.

The budget, as submitted, provides the required funding for operation and maintenance expenses, capital expenditures and debt service, and allows the District to continue delivering essential services throughout its service area. With an estimated 55,000 people moving to our region every year and none of them bringing their own water with them, we have an extraordinary responsibility to our Member and Customer Cities to maintain services that are essential to public health and safety.

RECOMMENDATION

The FY23 Annual All Systems Budget, as proposed, of \$670,976,265, 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 FY22 Amended and FY23 Proposed Budget, to the Board of Directors at the September 22, 2022 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, 2021

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, 2021. This is the third 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 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 35.1 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 \$67,546, 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.

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.

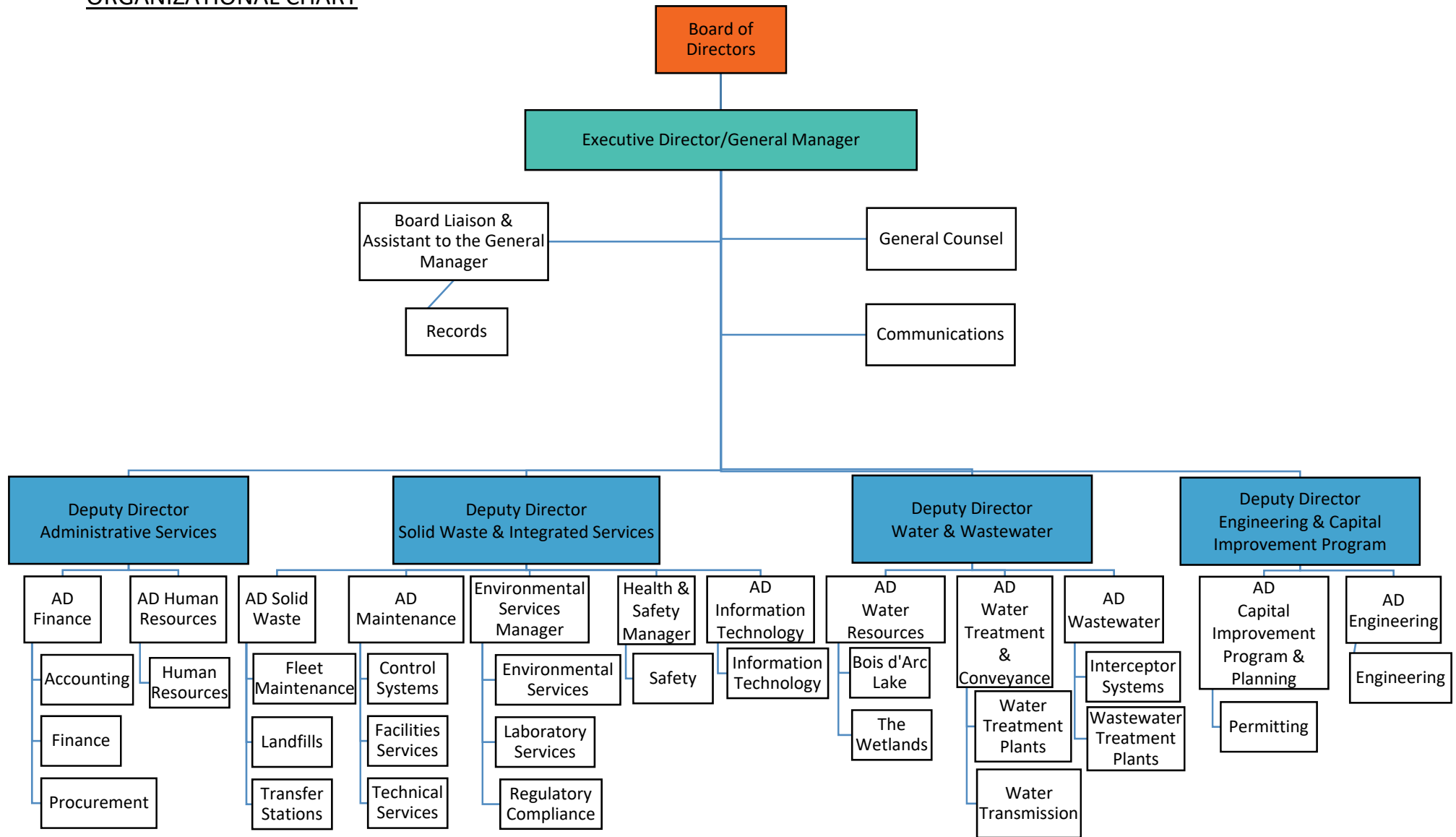


NTMWD SERVICE AREA AND MEMBER CITIES

Regional. Reliable. Everyday.

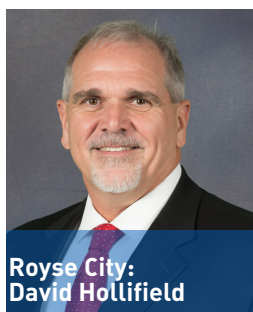
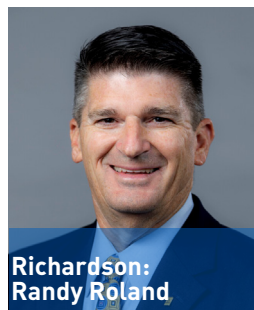
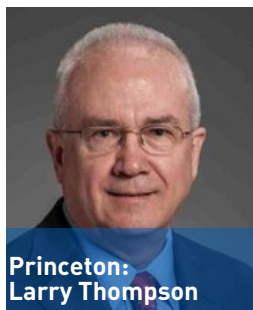
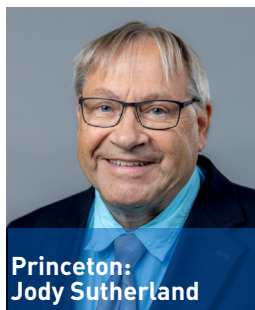
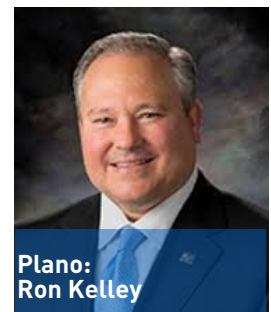
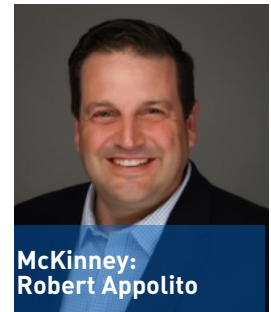
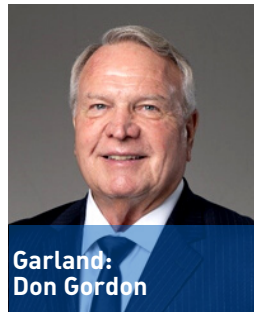
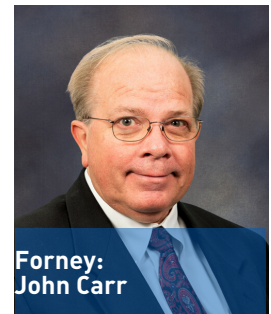
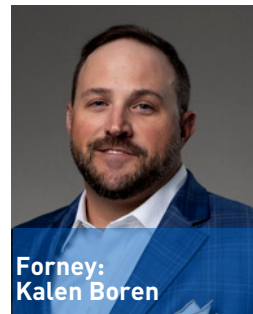
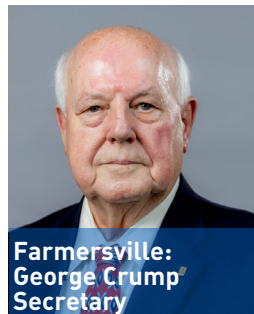


ORGANIZATIONAL CHART



*AD = Assistant Deputy

North Texas Municipal Water District Board of Directors



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Listing of Key Staff

Executive Director / General Manager	Jennafer Covington
Deputy Director - Administrative Services	Jeanne Chipperfield
Assistant Deputy – Finance	Erik Felthous
Assistant Deputy – Human Resources	Ike Obi
Deputy Director Solid Waste & Integrated Services	Jeff Mayfield
Assistant Deputy - Information Technology	Jim Shirley
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
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	Wayne Larson
General Counsel	Vacant



NORTH
TEXAS
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WATER
DISTRICT

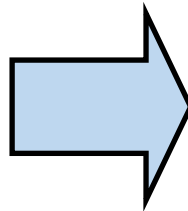
2022 - 2027 Strategic Plan

VISION: Regional Service Through Unity - Meeting our Region's Needs Today and Tomorrow

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

Goal 1: Service

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



Objective 1.1
High Quality Services

Objective 1.2
Successfully Deliver Capital Program

Objective 1.3
Proactive Asset & Maintenance Management

Objective 1.4
Reliable and Resilient Systems

Objective 2.1
Efficient Business Practices

Objective 2.2
Conscientious Environmental Stewardship

Objective 2.3
Rigorous Financial Management

Objective 2.4
Systematic Risk Management

Objective 3.1
Well-Informed & Educated Public

Objective 3.2
Engaged Members, Customers and Stakeholders

Objective 3.3
Durable Strategic Partnerships

Objective 3.4
Effective Organizational Communication

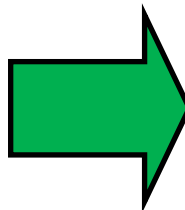
Objective 4.1
Highly Skilled Workforce

Objective 4.2
Safe and Healthy Employees

Objective 4.3
Performance -Driven Culture

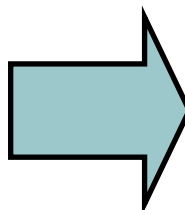
Goal 2: Stewardship

Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency



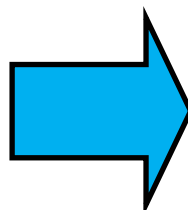
Goal 3: Partnership

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



Goal 4: People

Build a talented, competent and committed team



Strategic Plan

The District's Strategic Plan provides direction for the decisions of the Board of Directors, executive leadership and management over the coming 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, Mission and Priorities as well as articulating a set of core values summarized by the acronym I TRUST (Integrity, Trust, Respect, Unity, Safety, Teamwork). A year later, the Board adopted a revised strategic plan that included the following five goals:

- Goal 1: Provide superior water, wastewater and solid waste services today
- Goal 2: Secure the future for water, wastewater and solid waste supplies and services
- Goal 3: Maintain strong relationships with member cities, customers and partners
- Goal 4: Maintain our infrastructure to provide reliable service today and tomorrow
- Goal 5: Take care of our people

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, collaborative strategic planning process.

The consultant enabled open discussion of the District's current strengths and weaknesses, opportunities and threats and then forged an agreement around the highest order priorities that need to be addressed over the next five or more 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.

Through an extensive process that included multiple one-on-one meetings and collaborative sessions with the Board and executive leadership team, consensus was built around consolidating operational goals and adding a goal related to stewardship. As a result the five previous goals became the following:

- Goal 1: Service – Provide superior water, wastewater and solid waste services today and tomorrow
- Goal 2: Stewardship – Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency
- Goal 3: Partnership – Actively collaborate with members, customers, partners, employees and stakeholders
- Goal 4: People – Build a talented, competent and committed team

The strategic goals reflect the District's durable priorities around which critical policy decisions can be evaluated and important organizational and operational activities can be prioritized and managed. Each goal is followed by three to six supporting objectives which are in turn followed by a set of specific initiatives. The strategic objectives and initiatives establish the specific projects, programs or actions needed to achieve each goal.

In October 2019, the Board adopted the resolution approving the updated 2019-2024 Strategic Plan. District management has begun to build action items that correspond with the initiatives to execute the objectives for the goals of the strategic plan. The District management details how the departments' work functions and yearly spending support the strategic goals in departmental summaries within this budget document. On a semi-annual basis, District staff will update the Board on the progress of the Strategic Plan. Annually, staff will update objectives and initiatives as execution of the strategic plan dictates. The detailed creation and implementation process document of the District's 2019-2024 Strategic Plan is available at : <https://www.ntmwd.com/documents/2019-2024-strategic-plan-full/>

Beginning in late summer 2021, District staff began a multi-phase process of reevaluating and rewriting the plan's initiatives associated with the Objectives and Goals. Managers were engaged and asked to submit initiatives for consideration and inclusion in the plan. The intention of this revision was to make the strategic plan more actionable and to actively manage the plan and engage with it regularly. Staff will track progress on all of the plan's initiatives and the organization will be held accountable for the results. Staff will provide updates on progress, and on an annual basis, will present the Board with changes based on progress and new priorities for the Board's acceptance.

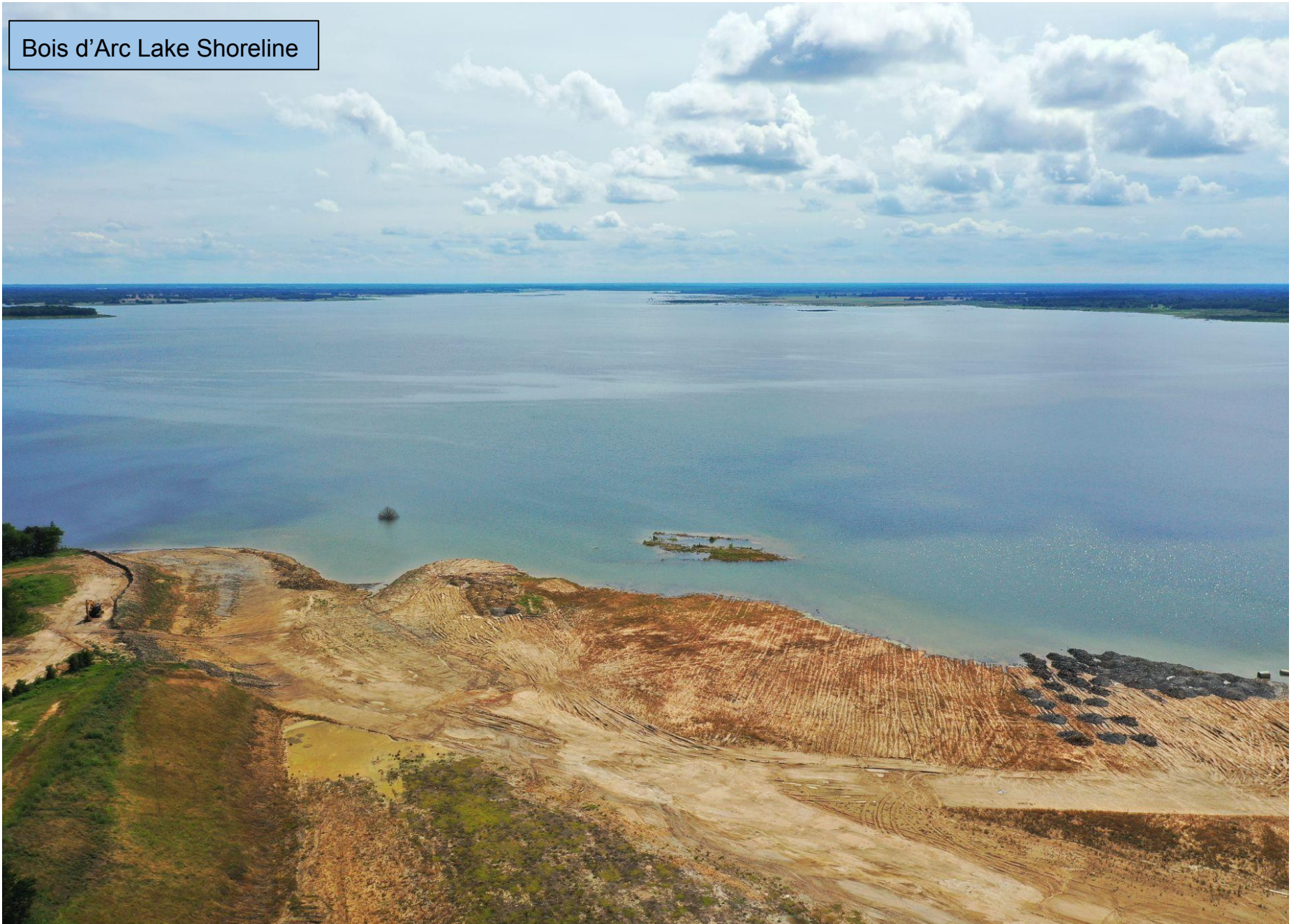
The total number of initiatives in the plan has decreased from 69 to 54. There are also changes to four Objectives in Goals 1 and 2. One objective was removed for completion and two were combined. The fourth was renamed. The plan now has 15 total objectives. Future Board engagement will include monthly highlights of activities associated with particular objectives, changes to the Administrative Memorandum template to connect projects to plan Objectives and Initiatives, and regular discussion of plan activities in the appropriate committees throughout the year.

In March 2022, the Board adopted the resolution approving the updated 2022-2027 Strategic Plan.

Goals	Objectives	Initiatives
Goal 1: Service Provide superior water, wastewater and solid waste services today and tomorrow	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 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 1.3 Proactive Asset & 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 1.4 Reliable and Resilient Systems	1.4.1 - Complete Long Range Water Supply Planning Process 1.4.2 - Comply With TCEQ Emergency Preparedness Requirements 1.4.3 - Maximize the Site Life of the 121 Regional Disposal Facility 1.4.4 - Proactively Manage Inflow and Infiltration Within the Wastewater Conveyance System
Goal 2: Stewardship Responsibly manage public resources to ensure responsiveness, effectiveness and efficiency	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 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 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 - Establish a Centralized Vehicle Motor Pool System on the Wylie Campus
	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

Goals	Objectives	Initiatives
<u>Goal 3: Partnership</u> Actively work with members, customers, partners, employees and stakeholders	<u>Objective 3.1</u> Well-Informed & 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
	<u>Objective 3.2</u> 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 3.2.4 - Evaluate and Consider Changes to Cost Allocation Approaches for Pretreatment Services
	<u>Objective 3.3</u> 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 Strategic Initiatives at JBS Wetland Center 3.3.4 - Work With Peer Organizations on Water Supply and Environmental Initiatives
	<u>Objective 3.4</u> 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
<u>Goal 4: People</u> Build a talented, competent and committed team	<u>Objective 4.1</u> 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
	<u>Objective 4.2</u> 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 - Develop a Well-rounded and Sustainable Wellness Program
	<u>Objective 4.3</u> 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

Bois d'Arc Lake Shoreline



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 added a second customer class referred to as "Customer." In addition to the 13 Member Cities, the District provides services to numerous other cities, towns, special utility districts and water supply corporations.

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 Bois d'Arc Lake, which is the first new reservoir to be constructed in Texas in 30 Years. The Leonard Water Treatment Plant is being built to process the water from the 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 226 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 (RWWTP). 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 (RWWTPs).

The Small Systems consists of six 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:

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

NTMWD Methodology Changes

In the past few years, NTMWD implemented changes in budget methodologies in order to present a more accurate and transparent budget for its Member Cities, Customers and the public. Below are the recent significant changes.

Adjusting the budget for trends in water usage - Implemented FY19

In a Special Board Meeting on August 17, 2018, NTMWD's Board approved a change in the budget methodology beginning in FY19. This new methodology adjusted the budget by taking into account recent trends in water use and refined execution of the District's large capital program.

Historically, the District budgeted to provide 100% of the contractual minimums for variable costs (chemicals, power & wholesale water purchases) to meet the growth across the entire region. While growth in the region continues, conservation and lower demands have resulted in actual use less than the amount of contractual minimums in recent years. This presented the District with the opportunity to begin budgeting on trends of actual use which helped to lower the water rate. Since 2019, the District has adjusted variable cost budgets to reflect 90-93% of contracted minimums in the Regional Water System, but with ongoing global events and inflation causing significant price increases and volatility, the District is not adjusting these budgets in FY23. The District will consider the practicality of the variable cost adjustment in future years.

Budgeting for an Internal Shared Services Fund - Implemented FY20

Historically, the District budgeted General Management, Finance, Maintenance and many other supporting departments within the Regional Water System Annual Operating Budget. Prior to FY20, the District employed an in-house cost allocation methodology that identified and distributed costs to the District's other Operating Systems during the annual budget process.

During FY19, the District contracted with a third party consultant to study this indirect cost allocation methodology with the following goals:

- Attain a clearer understanding of the cost related to individual District department activities
- Identify costs for interdepartmental or interfund transfers
- Identify areas for possible organizational optimization
- Examine benefits of maintaining activity data to periodically update indirect cost allocations

The study used a variety of metrics to properly allocate costs including interviews with department heads, department specific metrics, work orders, historical budget and actual details, capital improvement projects and budgeted position and payroll data. The results of the study determined that some costs should be shifted away from the RWS to the other Operating Systems. Beginning with the FY20 Budget, the District implemented this new indirect allocation methodology and reorganized the chart of accounts to transfer the supporting departments into a new Shared Services Fund. In order to minimize spikes in costs, for the non-RWS Operating Systems, the change in allocation is being phased in over a 5-year period.

Below shows the total All Systems Budget including Shared Services. The Shared Services costs are budgeted in its own fund and also included as a Services cost of the Operating Systems. The allocation transfers are in effect netted out of the total revenues and expenses to arrive at a true overall cost.

Revenues

	2020-21	2021-22	2021-22	2022-23
Fund / System	Actuals	Original Budget	Amended Budget	Proposed Budget
RWS	\$ 373,708,938	\$ 368,972,505	\$ 382,075,820	\$ 430,650,970
RWWS	81,977,804	88,100,745	88,031,610	97,359,870
UEFIS	38,858,376	43,722,855	43,674,195	49,503,070
SS	43,711,514	49,650,785	49,572,680	56,850,540
RSWS	38,687,852	38,677,405	39,687,700	43,473,935
Shared Services	60,948,825	65,477,850	65,633,260	73,899,410
Total	\$ 637,893,308	\$ 654,602,145	\$ 668,675,265	\$ 751,737,795
Allocation Transfers	(60,948,825)	(65,477,850)	(65,633,260)	(73,899,410)
Net Revenue Budget	\$ 576,944,482	\$ 589,124,295	\$ 603,042,005	\$ 677,838,385

Expenses

	2020-21	2021-22	2021-22	2022-23
Fund / System	Actuals	Original Budget	Amended Budget	Proposed Budget
RWS	\$ 372,843,193	\$ 369,517,555	\$ 378,649,720	\$ 423,788,850
RWWS	81,977,804	88,100,745	88,031,610	97,359,870
UEFIS	38,858,376	43,722,855	43,674,195	49,503,070
SS	43,711,514	49,650,785	49,572,680	56,850,540
RSWS	38,687,852	38,677,405	39,687,700	43,473,935
Shared Services	60,103,512	67,142,230	66,348,390	75,106,095
Total	\$ 636,182,249	\$ 656,811,575	\$ 665,964,295	\$ 746,082,360
Allocation Transfers	(60,103,512)	(67,142,230)	(66,348,390)	(75,106,095)
Net Expense Budget	\$ 576,078,737	\$ 589,669,345	\$ 599,615,905	\$ 670,976,265

Amended Regional Water Contract - Implemented FY21

Under the original water supply contract signed in 1953 and amended in 1988, each Member City agreed to pay its share of the RWS costs based on its highest historic annual water demand. This methodology helped provide guaranteed and necessary funding of the fixed water infrastructure operations and financing costs for the RWS.

After years of discussion, Member Cities and the District came to an agreement to amend the contract for the RWS. The contract establishes a new allocation method that gradually adjusts the annual minimums (contractual funding commitments) over eight years to more closely align the basis for a member city's portion of the overall system costs with the historical actual consumption of each city. Then, starting in 2029, the contractual allocation method will transition to a combination of the newly established annual minimums and actual water used. Beginning in 2033, the annual minimum for each city will be based on a five-year rolling average of actual consumption. The effects of the new contract structure will affect each city's retail customer rates differently because retail customer rates are set by the cities themselves. The District has begun discussions with Customers and several have chosen the option to revise their contracts to reflect the new Member City structure.

Wastewater Administration Allocation - Implemented FY22

The District contracted with a third party consultant to study and help allocate costs of the centralized wastewater administration function to various wastewater systems. Interviews were conducted with key staff to understand job functions and determine how to distribute the related costs. Staff used the results of the study and applied the resulting percentages to Personnel and O&M costs of the wastewater administration group to appropriately allocate the costs throughout the wastewater systems.

Budget Calendar

Date	Event
January 24, 2022	Budget Kickoff Meeting and Training
February 28, 2022	Managers complete personnel request workflow
April 1, 2022	Deadline for submitting FY23 budget requests, supplemental forms, departmental executive summaries and vehicle request forms
April 1, 2022	Operations provide estimated flow projections for FY22 Amended and FY23 Budget
April - May 2022	Finance Review of budgets
May 6, 2022	Senior Executive Team initial review of budgets
May 11, 2022	Present personnel requests to Personnel Committee
June 8, 2022	Present preliminary budgets to Finance Committee and personnel requests to Personnel Committee, if needed
July 21, 2022	Budget Work Session with Board
August 25, 2022	Board receives FY22 Amended and FY23 Proposed Budget updates
September 7, 2022	Finance Committee approval of FY22 Amended Budget and FY23 Proposed Budget
September 22, 2022	Final Board approval of FY22 Amended Budget and FY23 Proposed Budget

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 the District contracts with a third party consultant to update cost projections 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.

The budget process begins with annual budget guidance and budget targets set by the Finance Department with buy-in from Executive Management. The Finance Department distributes the budget guidance, in the form of an executive memo, budget target spreadsheets and a budget calendar, to District Management. The Finance Department then conducts kick-off meetings and provides budget training to ensure managers understand the budget process and to ensure adherence to the budget calendar.



Departments submit Personnel Request Forms via an online workflow process if requesting new positions for the new fiscal year. If the position is brand new to the district, the workflow process will create an additional task to complete a job description. If the new position requires a vehicle, the workflow process will create an additional task to fill out the vehicle request form. For personnel re-classes, renames or restructuring, departments work directly with HR. The Finance Department projects salaries and benefit costs for budgeted staff for the Amended and Proposed Budgets. The Senior Executive Team reviews and finalizes the personnel requests.

Fleet will contact departments with a list of eligible rolling stock (cars, trucks, trailers, ATVs and ground equipment) along with a recommendation for which assets to replace. Departments will review the list and input vehicles to be replaced into the budget software using the standard cost schedules. New vehicle requests must be submitted via a workflow process.



Departments input all budget and supplemental requests into the budget software. Budget requests exceeding the targets are required to have supplemental detail explaining the need. During the budget process, supplemental requests are reviewed and discussed on a case-by-case basis. Departments submit updated Executive Summaries / Narratives and Performance Metrics to Finance to incorporate in the budget book.



The Finance Department analyzes departmental budget requests and compares with the cost projections to formulate the Preliminary Proposed Budget. Operations staff provides estimated water use and wastewater flow projections to update the Amended and Proposed Budgets' allocation of charges. The Finance Department compiles the data received from all departments and creates Preliminary Amended and Proposed Budgets.

A Board Work Session is held to review the Preliminary Budgets and departmental briefings are presented, if requested. Departments incorporate feedback into the Preliminary Budget requests and the Finance Department updates the Budget as necessary.



On the capital side, engineering staff modifies project costs to include cost escalation and contingency amounts. Engineering and Finance evaluate dates and determine funding needs for the next fiscal year. Finance compiles a Budget (CIP) report for the five major systems: Regional Water, Regional Wastewater, Small Systems, Upper East Fork Interceptor System and Solid Waste. The Senior Executive Team reviews and makes recommendations for the Preliminary Capital Budget.



The Preliminary Budgets are presented for review to the Executive Team and Board Committees. Finance mails Preliminary Budget charges and rates for the next fiscal year to all Member Cities and Customers at the end of June and July.



In August, the Board of Directors are presented the Amended and Proposed Budgets. In September, after final review and recommendation by the Finance Committee, the Board adopts the Amended Budget and Proposed Budget as well as rates and charges for the upcoming fiscal year. Finance finalizes and distributes the budget document. The Proposed Budget is the Adopted Budget for the District. Finance also mails final charge letters and billing schedules to all Member Cities and Customers.

After adoption of the Budgets, Finance staff regularly meets with all departments to review budget to actual variances and to facilitate Budget adjustments.

Financial Procedures and Policies

Basis of Accounting and Budgeting

The District is a non-appropriated, 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 and 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. The District also uses an accrual basis for budgeting. Revenues and Expenses are accrued to the budgeting period in which they were earned or incurred, respectively.

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 a 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. Assets capitalized have an original cost of \$5,000 or more and two or more years of estimated useful life. Depreciation is calculated using the straight-line method.

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. Debt is not issued to fund routine operation and maintenance expenses or for the primary purpose of investing bond proceeds. The types of debt that can be issued are long term revenue bonds in accordance with each system's bond resolution and short-term Extendable Commercial Paper (ECP) in systems authorized by the Board of Directors. The District has no legal debt limits, however debt is only issued with consent from Member Cities and 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.

The District 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 Expenditures

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 and the cost will over-expend the budget of a fund, 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, and the cost will over-expend the budget of a fund, 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 \$100,00, and the cost will over-expend the budget of a fund, 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:
 - RWS – Minimum Balance based on 90 Days' Budgeted Operations and Maintenance (O&M) expense for the next fiscal year and maintain a minimum 130-150 Days of Budgeted O&M expense 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 and budget at 5-15% of historical 5-year average annual capital spending. 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.
 - All other System's Capital Improvement Funds Minimum Balances shall be maintained at the projected ending balances set forth in the most recent Strategic Financial Plan Projections.
- 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:
 - RWS - Shall maintain a minimum 130-150 Days of Budgeted O&M Expense 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.
 - Little Elm Water Transmission Facilities - \$50,000 Maximum Balance as required by the March 27, 2003 Water Transmission Facilities Contract.
 - Plano Water Transmission Facilities - \$75,000 Maximum Balance as required by the March 27, 1997 Water Transmission Facilities Contract.
 - Stewart Creek Wastewater Treatment Plant - \$100,000 Maximum Balance as required by the October 27, 2011 Wastewater Contract.
 - Muddy Creek Wastewater Treatment Plant - \$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 with a target 30 Days for the next Fiscal Year. Fund balance may be used for offsetting extraordinary O&M Expenses or purchase large one-time capital expenditures in the 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.

- Reserve for Maintenance Fund:
 - Kaufman Four-One Water Distribution Facilities: \$75,000 Maximum Balance as required by the October 2, 1989 Water Supply Contract
 - All other systems' Reserve for Maintenance Fund Minimum Balances shall be maintained at the funding target set forth in the most recent Strategic Financial Plan Projections.
- Preventive Maintenance Escrow Funds: Minimum Balances shall be maintained at the projected ending balances set forth in the most recent Strategic Financial Plan Projections.
- Equipment Replacement Escrow Funds: Minimum Balances shall be maintained at the projected ending balances set forth in the most recent Strategic Financial Plan Projections.
- 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.

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 Policy

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.

In the RWS, variable costs related to water utilized below the annual minimums are rebated to the Members and Customers provided that there are variable budget savings. Once rebate amounts have been determined and distributed any excess revenue above 90 days of Operating expense, for the next fiscal year, is transferred to the Contingency Fund up to a combined maximum of 150 days of Operating expense, for the next fiscal year. Remaining surplus revenues are then distributed to the Member Cities.

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:

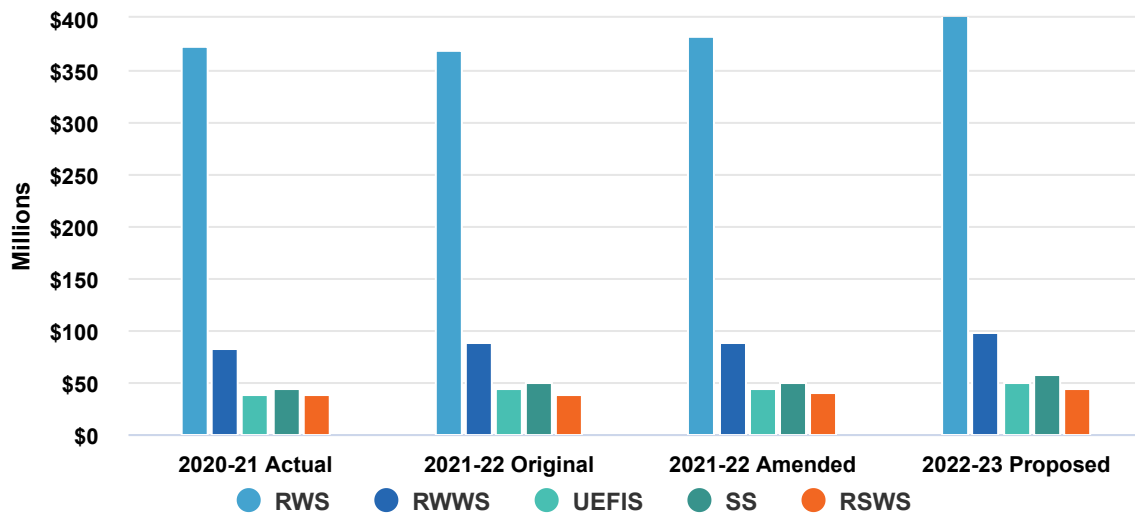
1. To be eligible for a rebate, the Member City or Customer shall:
 - a) have had water demands supplied at volumes less than its annual minimum volume requirement established in the Budget Resolution;
 - b) not currently be establishing an annual minimum volume requirement by contract negotiation.
2. 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 by 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 policies (with the exception of the General Investment Policy, Fund Balance Policy, Emergency Expenditures Policy, System Break - Even Policy, Water Rebate Procedures and Debt Management 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
2020-21 Actual	\$ 373,708,938	\$ 81,977,804	\$ 38,858,376	\$ 43,711,514	\$ 38,687,852	\$ 576,944,482
2021-22 Original	\$ 368,972,505	\$ 88,100,745	\$ 43,722,855	\$ 49,650,785	\$ 38,677,405	\$ 589,124,295
2021-22 Amended	\$ 382,075,820	\$ 88,031,610	\$ 43,674,195	\$ 49,572,680	\$ 39,687,700	\$ 603,042,005
2022-23 Proposed	\$ 430,650,970	\$ 97,359,870	\$ 49,503,070	\$ 56,850,540	\$ 43,473,935	\$ 677,838,385

Regional Water System

The Regional Water System is the District's major source of revenue. It accounts for \$430,650,970 or 63.53% of the FY23 Annual Budget's total estimated revenue. Total treated water sales are expected to be \$429,932,151. 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 FY23 the estimated RWS expenditures total \$423,788,850. The District sets the water rate by taking total budgeted expenses minus other revenue and dividing by the contracted minimum water volumes. For FY23, the proposed water rates for Member Cities and Customers are \$3.39 and \$3.44 per 1,000 gallons respectively.

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

	2021-22	Proposed 2022-23	Change
Variable O&M Cost (Chemicals, Power, Water)	\$ 0.60	\$ 0.81	\$ 0.21
Fixed O&M Cost (Personnel, Supplies, Services, Capital Outlay)	0.73	0.85	0.12
Fixed Cost (Capital, Debt Service)	1.66	1.73	0.07
Total Rate per 1,000	<u>\$ 2.99</u>	<u>\$ 3.39</u>	<u>\$ 0.40</u>

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

FY23

MEMBERS	Annual Minimum (1,000 Gallons)	Annual Billing
Allen	6,345,484	\$ 21,511,191
Farmersville	274,168	929,430
Forney	2,754,485	9,337,704
Frisco	14,146,008	47,954,967
Garland	13,136,918	44,534,152
McKinney	12,417,706	42,096,023
Mesquite	7,867,721	26,671,574
Plano	25,655,890	86,973,467
Princeton	1,137,352	3,855,623
Richardson	10,586,918	35,889,652
Rockwall	4,739,824	16,068,003
Royse City	846,122	2,868,354
Wylie	1,850,497	6,273,185
TOTAL MEMBERS	101,759,093	\$ 344,963,325
CUSTOMERS		
Ables Springs SUD	110,037	\$ 378,527
Bear Creek SUD	386,695	1,330,231
BHP WSC	170,892	587,868
Bonham *	640,000	2,169,600
Caddo Basin SUD	493,610	1,698,018
Cash SUD	360,572	1,240,368
College Mound SUD	78,066	268,547
Copeville SUD	134,140	461,442
East Fork SUD	697,461	2,399,266
Fairview	964,308	3,317,220
Fate	279,932	962,966
Fate - Second Delivery Point	645,054	2,218,986
Forney Lake WSC	632,848	2,176,997
Gastonia-Scurry SUD	110,490	380,086
GTUA	1,224,927	4,213,749
Josephine	211,535	727,680
Kaufman	459,989	1,582,362
Kaufman Four-One	555,695	1,911,591
Little Elm	1,804,752	6,208,347
Lucas	701,486	2,413,112
Melissa	350,960	1,207,302

FY23

CUSTOMERS (continued)	Annual Minimum (1,000 Gallons)	Annual Billing
Milligan WSC	149,894	\$ 515,635
Mt. Zion WSC	159,302	547,999
Murphy	1,661,494	5,715,539
Nevada SUD	76,886	264,488
Nevada SUD - Second Delivery Point *	70,985	244,188
North Collin SUD	355,962	1,224,509
Parker	633,119	2,177,929
Prosper	3,085,412	10,613,817
Rose Hill SUD *	143,271	492,852
Rowlett	3,192,039	10,980,614
Sachse	1,332,153	4,582,606
Seis Lagos MUD	165,598	569,657
Sunnyvale	783,784	2,696,217
Terrell *	1,400,000	4,816,000
Wylie N.E. SUD	307,630	1,058,247
Wylie N.E. SUD - Second Delivery Point	173,480	596,771
TOTAL CUSTOMERS	24,704,458	\$ 84,951,336
Retail Customers	-	16,000
Raw Water Sales	-	1,490
GRAND TOTAL	126,463,551	\$ 429,932,151

*Contract Annual Minimums

Regional Wastewater System

RWWS revenue accounts for \$97,359,870 or 14.36% of the FY23 Annual Budget's total estimated revenue. Total wastewater treatment revenue is estimated at \$96,660,345, 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 FY23, estimated expenditures totaling \$97,359,870 result in a proposed cost per 1,000-gallon rate of \$2.57 for Members and \$3.09 for Customers. The table below shows a breakdown of volumes and revenue by Member Cities and Customers.

FY23		
MEMBERS	Projected Flows (1,000 gallons)	Annual Billing
Allen	2,878,134	\$ 7,383,567
Forney	1,213,312	3,112,631
Frisco	2,162,815	5,548,487
Heath	442,004	1,133,917
McKinney	6,475,301	16,611,742
Melissa	486,586	1,248,288
Mesquite	5,342,134	13,704,714
Plano	10,415,607	26,720,207
Princeton	425,256	1,090,952
Prosper	636,848	1,633,770
Richardson	4,104,467	10,529,602
Rockwall	1,426,236	3,658,867
Seagoville*	591,300	1,516,921
TOTAL MEMBERS	36,600,000	\$ 93,893,665
CUSTOMERS		
Anna	597,087	\$ 1,847,150
Fairview - Heritage Ranch	55,716	172,360
Fairview - Stacy Road	166,653	515,560
Lucas - Love Joy & Hunt Comm.	9,317	28,820
Parker - Lake Estates & King Crossing	63,622	196,820
Parker Southfork Ranch	1,929	5,970
TOTAL CUSTOMERS	894,324	\$ 2,766,680
GRAND TOTAL	37,494,324	\$ 96,660,345

*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 \$49,503,070 or 7.30% of the FY23 Annual Budget's total estimated revenue. Total wastewater transportation revenue is estimated at \$48,938,495, 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 FY23, estimated expenditures totaling \$49,503,070 result in a proposed cost per 1,000-gallon rate of \$1.75 for Members Cities and \$2.12 for Customers. The table below shows a breakdown of volumes and revenue by Member Cities and Customers.

FY23		
MEMBER CITIES	Projected Flows (1,000 gallons)	Annual Billing
Allen	2,878,134	\$ 5,049,837
Frisco	2,162,815	3,794,773
McKinney	6,475,301	11,361,256
Melissa	486,586	853,741
Plano	10,415,607	18,274,729
Princeton	425,256	746,134
Prosper	636,848	1,117,383
Richardson	3,331,346	5,845,022
TOTAL MEMBER CITIES	26,811,893	\$ 47,042,875
CUSTOMERS		
Anna	597,087	\$ 1,265,590
Fairview - Heritage Ranch	55,716	118,100
Fairview - Commercial	166,653	353,240
Lucas - Love Joy & Hunt Comm.	9,317	19,750
Parker - Lake Estates & Kings Crossing	63,622	134,850
Parker - Southfork Ranch	1,929	4,090
TOTAL CUSTOMERS	894,324	\$ 1,895,620
GRAND TOTAL	27,706,217	\$ 48,938,495

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 \$56,850,540 or 8.39% of the FY23 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 6 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 \$42,841,325

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:

FY23		
WWTP (Participating Entities)	Projected Flow (1,000 gal)	Annual Billing
Farmersville (Farmersville)	141,811	\$ 633,015
Lavon (Lavon)	102,768	526,290
Muddy Creek (Murphy & Wylie)	3,054,603	10,144,630
North Rockwall	227,949	756,485
Panther Creek (North Frisco)	1,616,048	10,390,915
South Rockwall	418,468	1,870,600
Sabine Creek (Fate & Royse City *)	857,224	6,847,000
Seis Lagos (Seis Lagos Subdivision)	59,316	374,175
Stewart Creek (South Frisco)	2,751,650	11,298,215
Total	9,229,837	\$ 42,841,325

*Contract Minimums

Small Systems wastewater transportation revenue is projected to be \$11,146,305. The table below presents the estimated unit cost for the Small Systems interceptor facilities:

FY23		
Interceptor Facility (Participating Entities)	Projected Flow (1,000 gal)	Annual Billing
Forney (Forney)	464,919	\$ 591,530
Lower East Fork (Mesquite & Seagoville) *	3,467,500	1,992,150
Muddy Creek (Murphy & Wylie) *	3,540,500	304,725
Parker Creek (Fate & Royse City) *	620,500	445,075
Sabine Creek (Royse City) *	730,000	99,100
Buffalo Creek (Forney, Heath, Rockwall)	2,079,137	4,408,505
McKinney (McKinney)	1,708,771	89,750
Mustang Creek (Forney)	537,495	2,957,305
Parker Creek Parallel (Fate)	203,679	258,165
Total	13,352,501	\$ 11,146,305

*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 \$43,473,935 or 6.41% of the FY23 Annual Budget's total estimated revenue. Total solid waste disposal revenue from Member Cities is expected to be \$26,558,730. 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 FY23, estimated expenditures total \$43,473,935. After reducing expenses for Customer Charges of \$8,029,260, Sludge Revenues of \$3,536,145, Gas Royalties of \$2,500,000, Interest Income of \$25,320 and Other Revenue of \$2,824,480 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.

FY23		
Members	Projected Tonnage	Annual Billing
Allen	69,373	\$ 2,653,276
Frisco	129,595	4,956,558
McKinney	165,456	6,328,117
Plano	228,260	8,730,151
Richardson	101,725	3,890,628
TOTAL MEMBERS	694,409	\$ 26,558,730

Landfill Customer charges are projected to be \$8,029,260. In FY23, for disposal at the transfer stations, customers will pay \$60 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 \$45 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 \$3,536,145. For FY23, the charge to District operated wastewater treatment plants for disposal of federal and state approved sludge materials is \$27.65 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 FY22 All Systems Amended Budget is \$599,615,905, which is \$9,946,560 or 1.69% greater than the FY22 Original Budget.

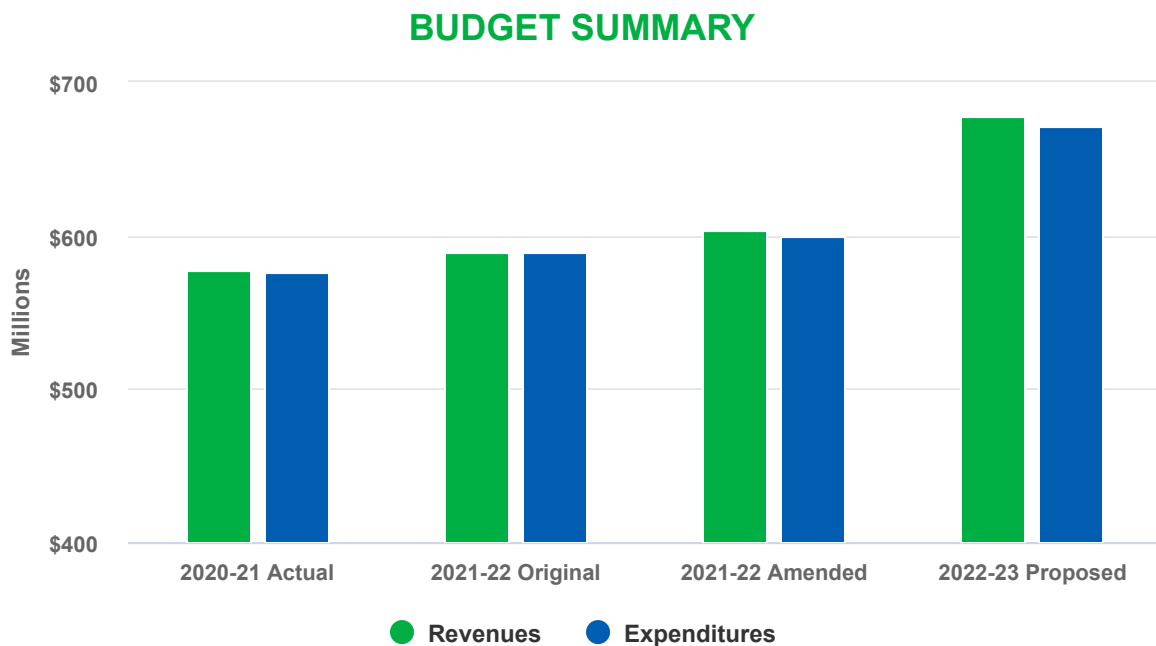
This increase in expenses is primarily the net result of the following:

- Abnormally large chemical price increases stemming from supply chain disruptions which have been exacerbated by the Russia/Ukraine conflict. To mitigate the unprecedented increase in chemicals, the District conducted out-of-cycle rebids for many of the chemicals needed to treat water and wastewater. These large increases will affect the FY23 budget as well.
- Additional transfers to certain maintenance escrows and capital improvement funds using current year savings
- Reduced personnel costs driven by higher than typical vacancies as well as lower than forecasted debt service partially offset the higher chemical costs

In 2022, the District set all time highs for water sales to Member Cities and Customers. The previous water year record was set in 2019-20 with 106.27 Billion Gallons of water sold. In 2021-22, the District sold 117.31 Billion Gallons. Due to the record usage the District brought in an additional \$8,851,281 in revenues which helped to offset \$13,837,465 of increased chemical costs to produce the water. The District also transferred additional funds from the Rate Stabilization fund to help cover remaining differences between revenues and expenses.

The overall FY23 Annual All Systems Budget of \$670,976,265 represents an increase of \$81,306,920 or 13.79%.

A comparison of the All Systems Budget for FY21 through FY23 is presented below:

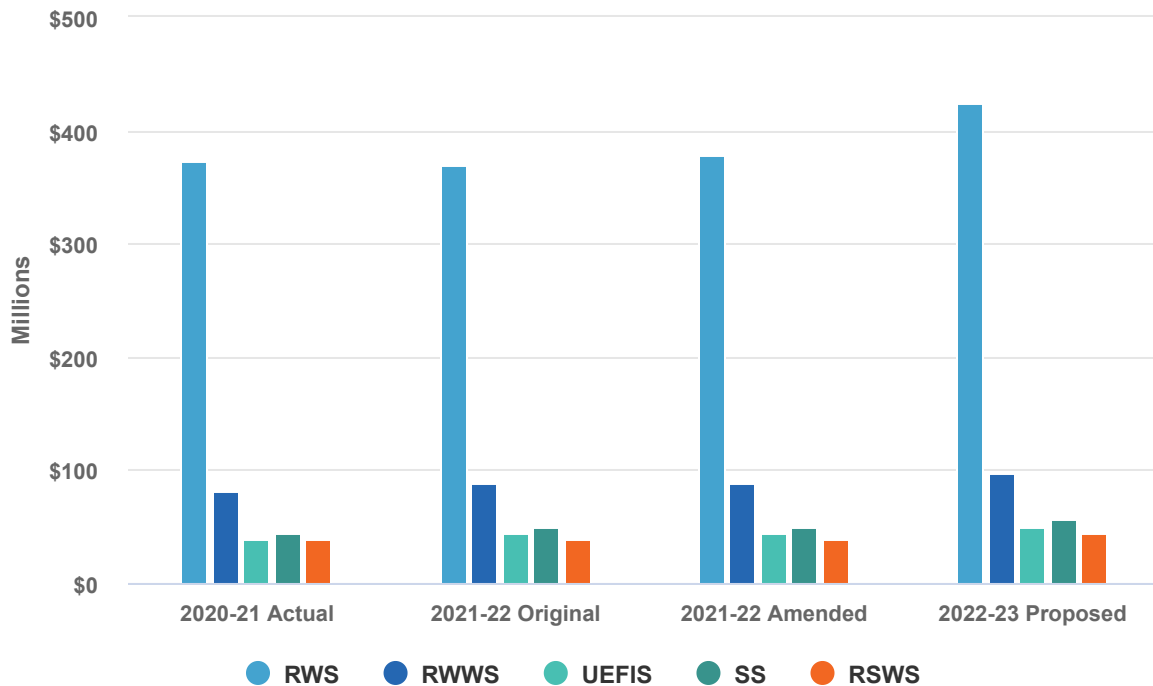


	2020-21 Actual	2021-22 Original	2021-22 Amended	2022-23 Proposed
Revenues	\$ 576,944,482	\$ 589,124,295	\$ 603,042,005	\$ 677,838,385
Expenditures	576,078,737	589,669,345	599,615,905	670,976,265
Excess / (Shortfall) prior to fund balance adjustment	\$ 865,745	\$ (545,050)	\$ 3,426,100	\$ 6,862,120
RWS Operating Fund Balance adjustment per Policy	-	-	3,400,000	6,700,000
Excess / (Shortfall) after fund balance adjustment	\$ 865,745	\$ (545,050)	\$ 26,100	\$ 162,120

Review by System

Below is a breakdown of the Budgeted Expenditures by System for FY21 through FY23:

ALL SYSTEMS BUDGETED EXPENDITURES



System Expenditures	2020-21 Actual	2021-22 Original	2021-22 Amended	2022-23 Proposed
RWS	\$ 372,843,193	\$ 369,517,555	\$ 378,649,720	\$ 423,788,850
RWWS	81,977,804	88,100,745	88,031,610	97,359,870
UEFIS	38,858,376	43,722,855	43,674,195	49,503,070
SS	43,711,514	49,650,785	49,572,680	56,850,540
RSWS	38,687,852	38,677,405	39,687,700	43,473,935
Total	\$ 576,078,737	\$ 589,669,345	\$ 599,615,905	\$ 670,976,265

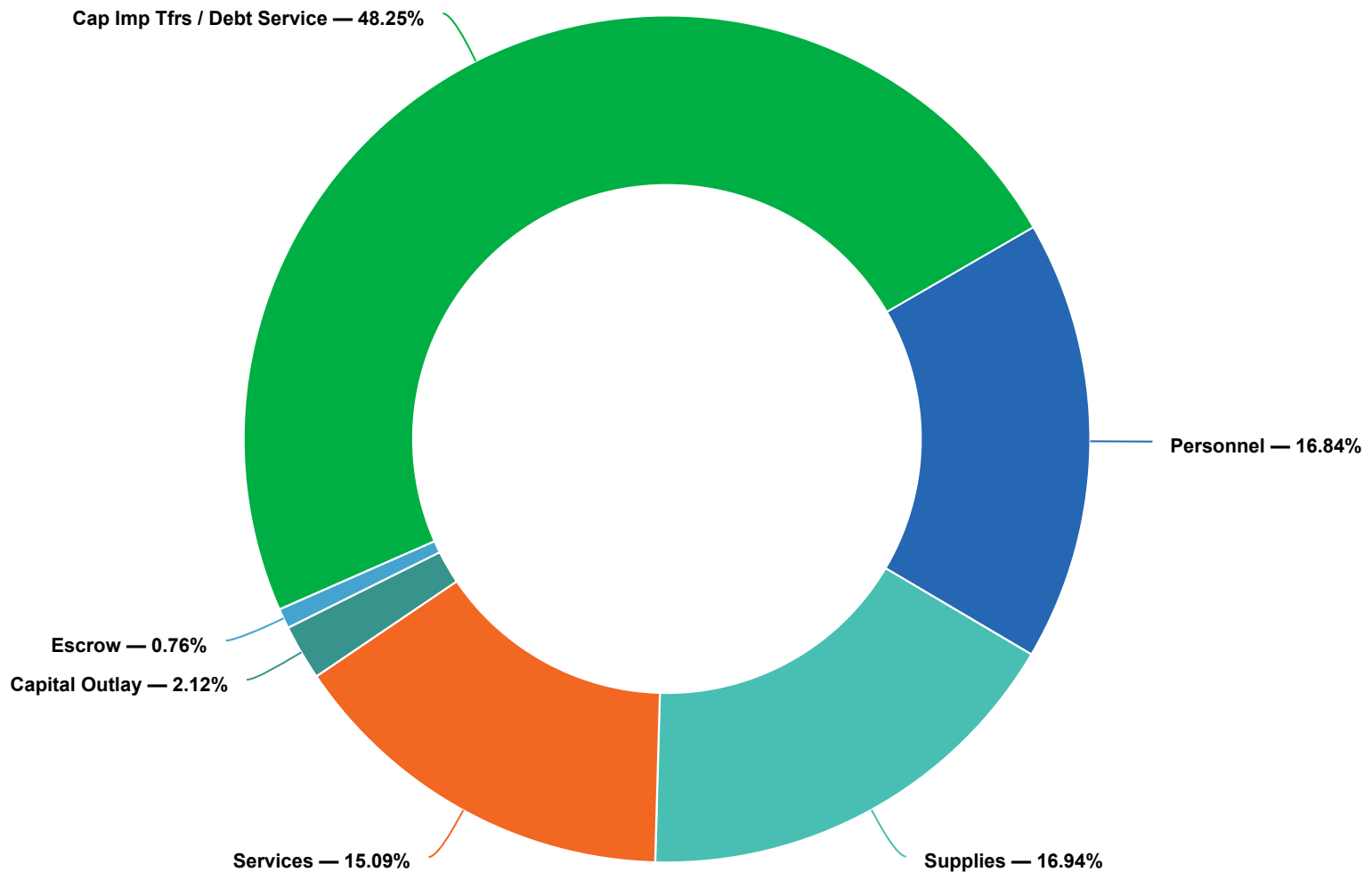
Review by Category

The following is a summary of FY21 through FY23 All Systems Budgets by Category:

ALL SYSTEMS BUDGET BY CATEGORY

Category	2020-21 Actual	2021-22 Original	2021-22 Amended	2022-23 Proposed
Personnel	\$ 90,304,416	\$ 99,546,135	\$ 96,575,765	\$ 112,964,485
Supplies	63,086,644	82,442,935	98,725,645	113,691,540
Services	112,042,765	88,685,475	88,253,725	101,244,545
Capital Outlay	13,209,617	14,033,275	14,163,315	14,223,670
Escrow	3,242,750	5,082,255	5,414,350	5,128,025
Cap Imp Tfrs / Debt Service	294,192,545	299,879,270	296,483,105	323,724,000
Total	\$ 576,078,737	\$ 589,669,345	\$ 599,615,905	\$ 670,976,265

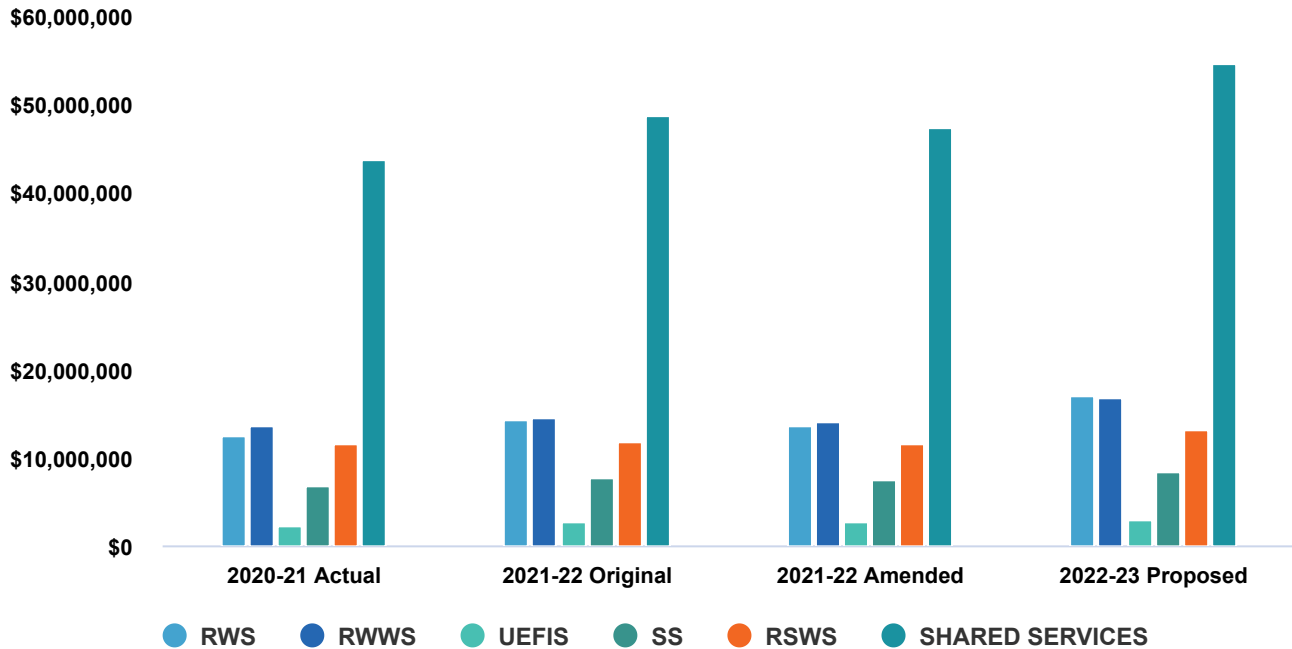
PROPOSED BUDGET EXPENSES BY CATEGORY



Personnel

The FY22 Amended All Systems Budget for Personnel is expected to be \$96,575,765 which is (\$2,970,370) or -2.98% less than the FY22 Original Budget. This decrease is due to savings related to vacant positions during the year.

PERSONNEL EXPENSES BY SYSTEM



Personnel	2020-21 Actual	2021-22 Original	2021-22 Amended	2022-23 Proposed
RWS	\$ 12,498,543	\$ 14,334,590	\$ 13,685,780	\$ 17,036,445
RWWS	13,555,639	14,429,145	14,105,010	16,746,445
UEFIS	2,223,376	2,712,110	2,611,355	2,967,375
SS	6,742,877	7,670,410	7,458,420	8,441,540
RSWS	11,653,874	11,813,405	11,502,805	13,122,690
SHARED SERVICES	43,630,107	48,586,475	47,212,395	54,649,990
Total Personnel	\$ 90,304,416	\$ 99,546,135	\$ 96,575,765	\$ 112,964,485

The FY23 All Systems Budget for personnel is \$112,964,485 which is \$13,418,350 or 13.48% greater than the FY22 Original Budget. The increase in salaries and benefits is primarily the result of funding 46 additional positions including 1 mid-year addition, employee raises, retirement plan funding increases, and rising 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

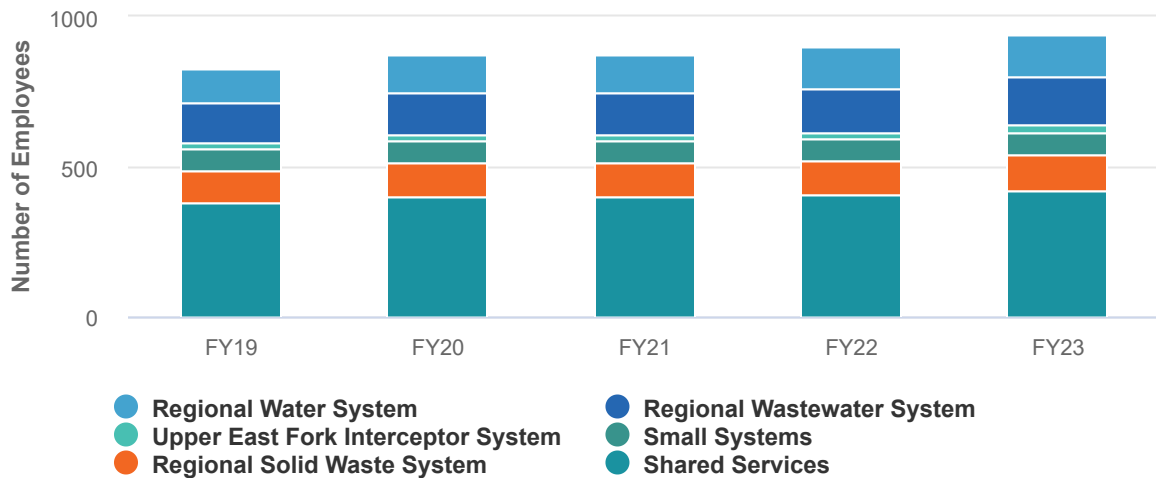
Meeting these challenges, as an organization, is a priority and the District includes a personnel goal as part of the Strategic Plan to ensure they are met.

In FY22, the District engaged a consultant to perform a full compensation study on all District jobs. The purpose of the study was to determine the District's overall market competitiveness. The consultant determined that the existing salary structure was 2% behind the target market and recommended a salary structure increase of 2%. The consultant also recommended that the District reclassify the grades of positions that were more than 10% below market. The consultant recommended an internal pay compression analysis, after all other pay changes are made and merits are awarded. Pay compression occurs when there's little difference in pay between employees regardless of their respective knowledge, skills, experience or abilities. Employees deemed to have low salaries based on their knowledge, skills, experience or abilities and compared to their peers will receive a salary adjustment. In addition to regular compensation studies the District has also made modifications to the annual leave policies to be more competitive with the market.

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

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

DISTRICT STAFFING SUMMARY



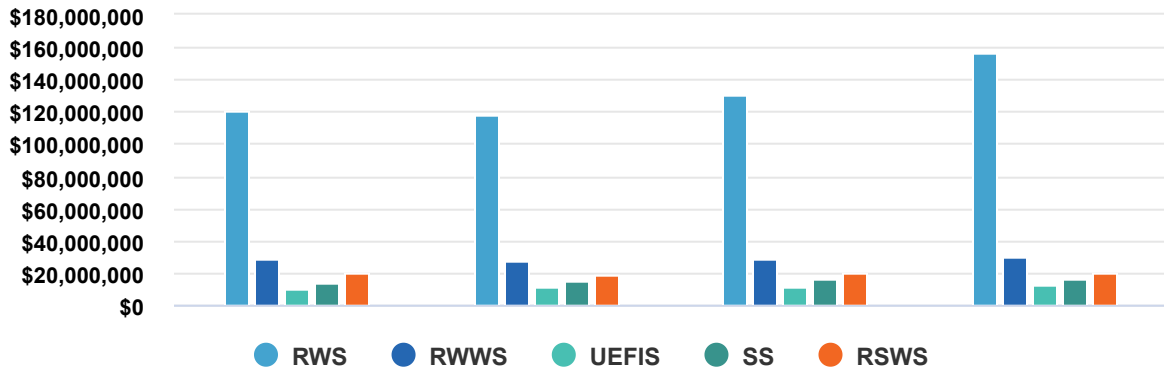
District Wide Staffing	FY19	FY20	FY21	FY22	FY23
Regional Water System	115	127	127	136	146
Regional Wastewater System	131	137	140	145	160
Upper East Fork Interceptor System	19	22	22	23	23
Small Systems	73	75	74	74	76
Regional Solid Waste System	108	113	114	113	116
Shared Services	380	399	398	406	422
Total Employees	826	873	875	897	943

Total budgeted positions for FY23 are 943, a 5.1% increase from the prior year. The major position additions are related to building new operating facilities and expansion of facilities. RWWS increased a net of 15 headcount to staff the new Sister Grove facility that will be fully operational in FY24. In the RWS, there are a net of 10 additions to staff for Bois d'Arc Lake, Wylie Plant Complex and Transmission System. The Shared Services increased by 16 positions, of which 7 are for Engineering due to the large number of projects under construction. All staffing changes are reflected within each department's staffing summaries throughout the budget document.

Operations

The FY22 Amended All Systems Budget for Operations is \$206,557,035 which is \$16,313,095 or 8.57% greater than the FY22 Original Budget. The primary cause of this increase is related to price hikes for inflation and supply chain issues with the biggest change occurring in the chemical accounts. Other significant increases were in fuel, oil and lube as well as vehicle and equipment supplies, which were also higher due to inflation and supply chain issues.

OPERATING EXPENSES BY SYSTEM



Operating	2020-21 Actual	2021-22 Original	2021-22 Amended	2022-23 Proposed
RWS	\$ 120,053,594	\$ 117,359,456	\$ 130,470,304	\$ 156,088,647
RWWS	28,452,787	27,279,495	28,636,784	30,289,203
UEFIS	9,704,163	11,549,321	11,680,847	12,409,526
SS	13,369,085	15,152,863	15,617,379	15,569,926
RSWS	20,002,147	18,902,805	20,151,722	19,930,478
Total Operating	\$191,581,776	\$190,243,940	\$206,557,035	\$234,287,780

The FY23 All Systems Budget for Operations is \$234,287,780 which is \$44,043,840 or 23.15% greater than the FY22 Original Budget.

The following areas increased:

- Chemicals, primarily in the RWS, due to higher bids on new chemical contracts. The higher costs can be partially attributed to COVID-19 related supply chain disruptions as well as increased global demands and they are also impacted by the Russia/Ukraine war as many of the chemicals used in water treatment are produced in that area of the world.
- Electric power within the RWS due to additional demand for water
- Special Maintenance in the RWS to repair sedimentation basins along with the typical lagoon cleanings/residual haulings
- Fuel, Oil & Lube related to higher gas prices
- Machinery purchases to replace several pumps and motors in the RWS, including raw water intake pump 1
- Creating a new 10 acre cell at the landfill

The above increases were partially offset by the following:

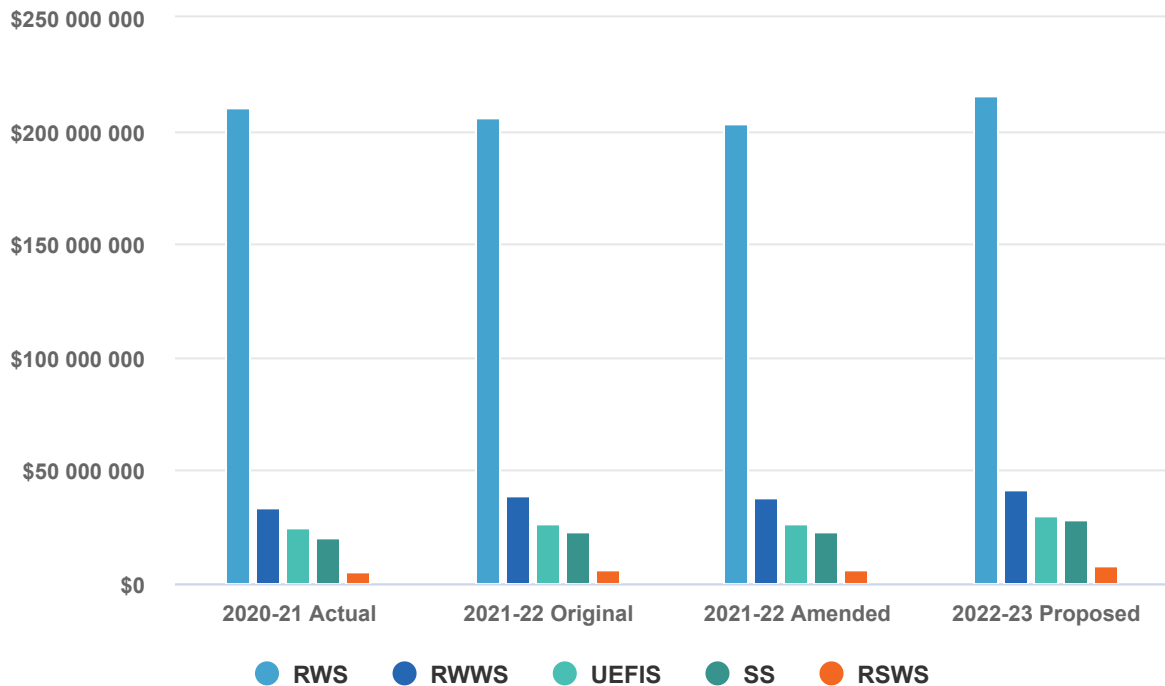
- Reductions in transfers to certain contingency, maintenance and escrow reserves
- Overall reductions in vehicle equipment purchases
- Decreases in building expenses in the RWWS
- Reduction in Special Studies and Reports in the RWS, RWWS & SS
- Lower expected need for pipeline maintenance in the SS

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 piece 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 a large portion of capital projects through transfers to capital improvement funds as well as issuing long term debt. In FY23, 48% of the total All Systems Budget is related to these transfers and debt service payments. It can be expected that adding new facilities to the District's infrastructure will bring the upfront capital cost 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 1-3% 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 FY22 Amended All Systems Budget for Capital is \$296,483,105 which is (\$3,396,165) or (-1.13%) less than the FY22 Original Budget. This variance was caused by slightly lower debt service costs.

CAPITAL EXPENSE BY SYSTEM



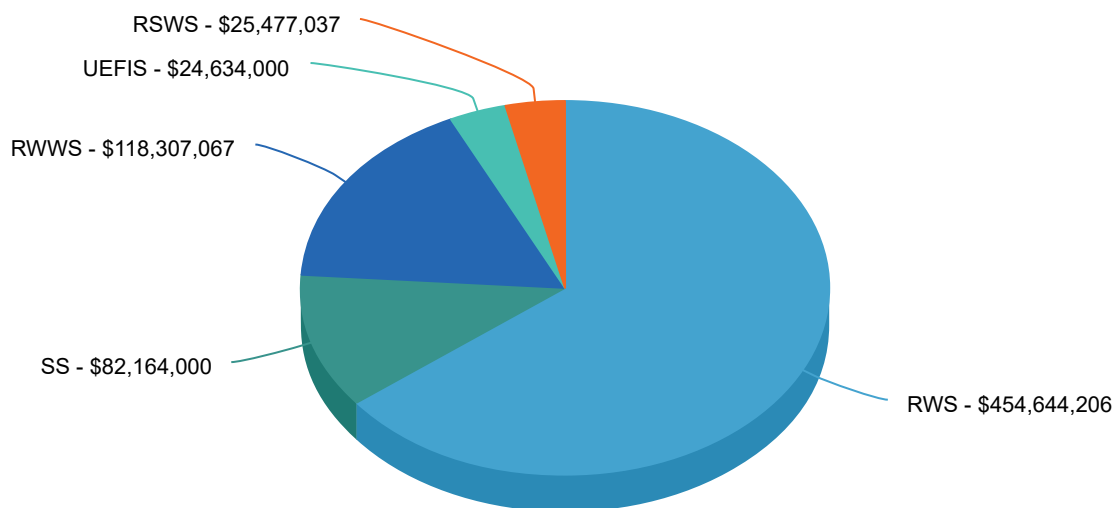
Capital	2020-21 Actual	2021-22 Original	2021-22 Amended	2022-23 Proposed
RWS	\$ 210,162,341	\$ 205,597,795	\$ 203,197,795	\$ 215,909,345
RWWS	33,904,387	39,115,870	38,380,520	41,622,485
UEFIS	24,510,222	26,352,120	26,352,120	30,278,020
SS	20,322,220	22,790,225	22,529,410	27,871,880
RSWS	5,293,375	6,023,260	6,023,260	8,042,270
Total Capital	\$ 294,192,545	\$ 299,879,270	\$ 296,483,105	\$ 323,724,000

The FY23 All Systems Budget for Capital is \$323,724,000 which is \$23,844,730 or 7.95% greater than the FY22 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 FY23, the District has approximately \$980 million worth of capital projects planned. The majority of 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 FY23 or beyond. For FY23, the District plans on issuing a total of \$705 million in bonds to either finance projects or refund previously issued ECP.

- In the RWS, bond sales of \$455 million to fund new contracts and refund previously issued ECP. These contracts include the construction of Wylie WTP II structural and mechanical improvements; construction of Water System maintenance facilities for Central Region Phase II; the design to expand Leonard WTP HSPS from 90 MGD to 180 MGD; construction of the 36" Plano West Side Pipeline (to Plano No. 3 and Richardson No. 2); design of 140 MGD Leonard WTP Site Phase II; Wylie WTP II Structural and Mechanical Improvements Phase II; permitting and mitigation of Future Water Supply Project; and other system improvements.
- In the RWWS, bond sales of \$118 million to refund ECP issued for 20+ major contracts. These contracts include the design and construction of the Wilson Creek Regional WWTP Improvements (Primary Clarifier, UV, and Centrifuge Improvements); construction of the South Mesquite Regional WWTP Peak Flow Management and Expansion; property for the Lower East Fork Regional Water Resource Recovery Facility; construction of the Rowlett Creek Regional WWTP Operations Building; the construction of the Rowlett Creek Regional WWTP Peak Flow Management Phase IIA Solids Improvements; and other system improvements.
- In the UEFIS, issuance of \$25 million of bonds for the construction and inspection of the McKinney East Side Extension Improvements and other system improvements.
- In the Small Systems, bond sales of \$82 million for the design and construction of the Muddy Creek WWTP Peak Flow, UV and Filter Improvements; 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 other Small Systems improvements.
- In the RSWS, bond sales of \$25 million for the construction and inspection of the 121 RDF Sectors 6B and 6C Mass Excavation; construction of the 121 RDF Fleet Maintenance Facility and Fleet Maintenance Annex Facility; the construction of the Parkway Transfer Station Conversion to Top Load; and other system improvements.

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



REGIONAL WATER SYSTEM

FY23 FAST BUDGET FACTS

WATER SERVICES

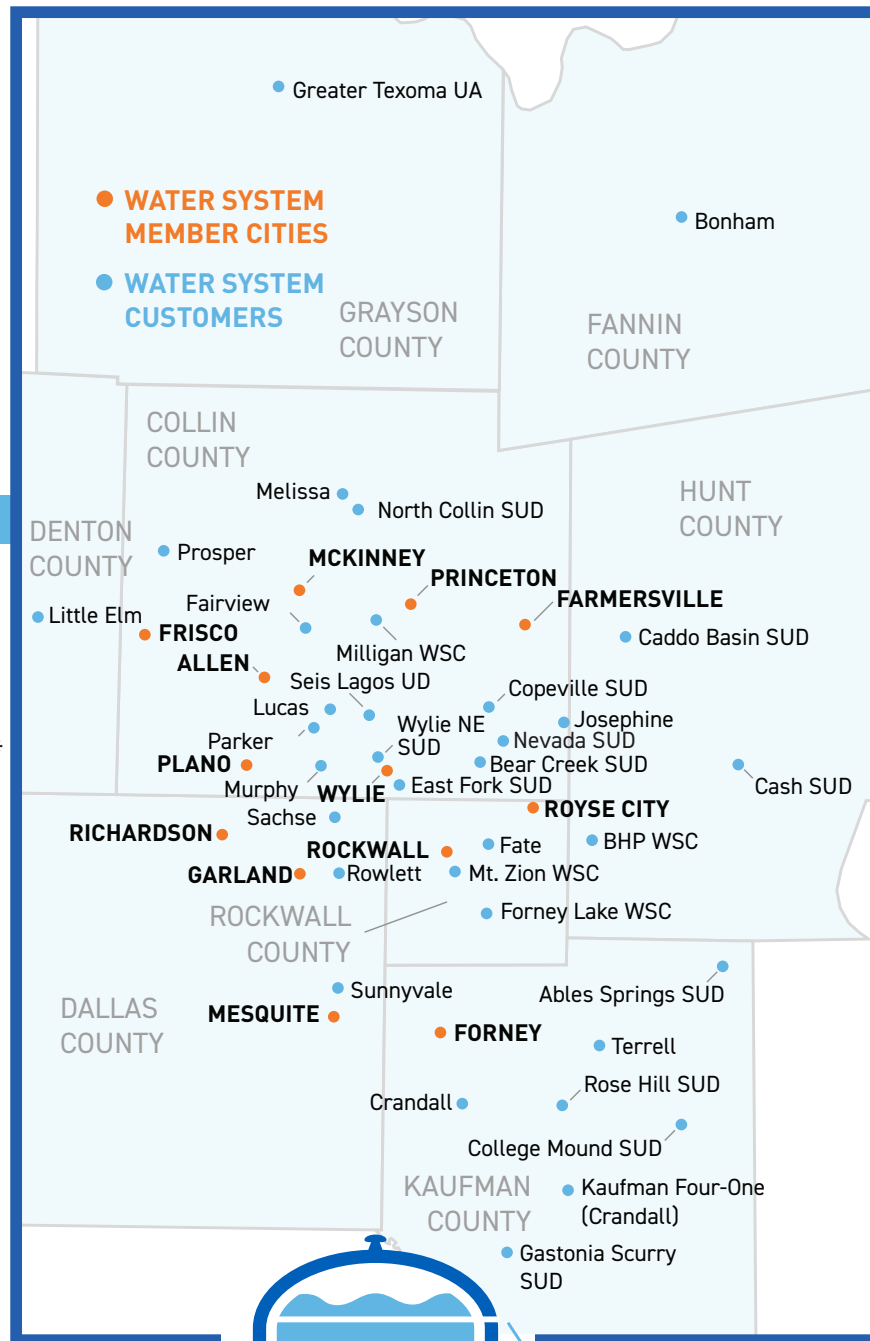
COMMUNITIES SERVED

146
EMPLOYEES

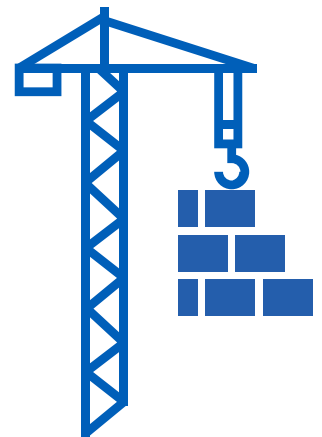
694+
Miles of water
transmission lines*

7 | 
Water treatment
PLANTS*

Typically
32 BILLION
Gallons of water
re-used
annually



\$560
MILLION
In water system
construction
contracts



Average Annual
Water Use
81% Member
Cities
19% Customers

FY23 Annual Minimum
126.5 BILLION
Gallons of treated water

*Leonard Water Treatment plant and associated pipelines are anticipated to be in operations by 2nd quarter of 2023.

Regional Water System

Water Supply

The District's raw water is currently supplied by water rights held in Lavon 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.

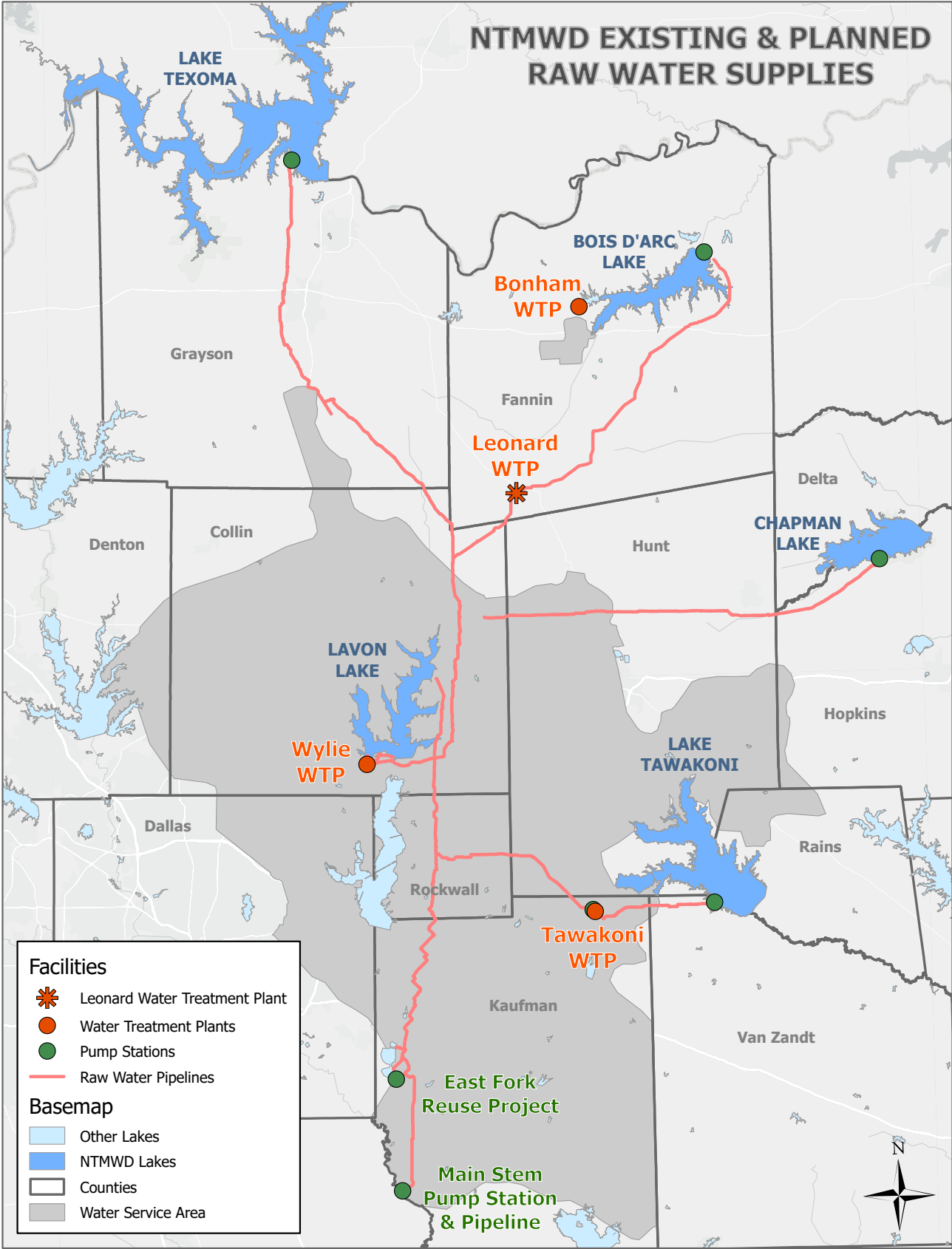
Water Quality

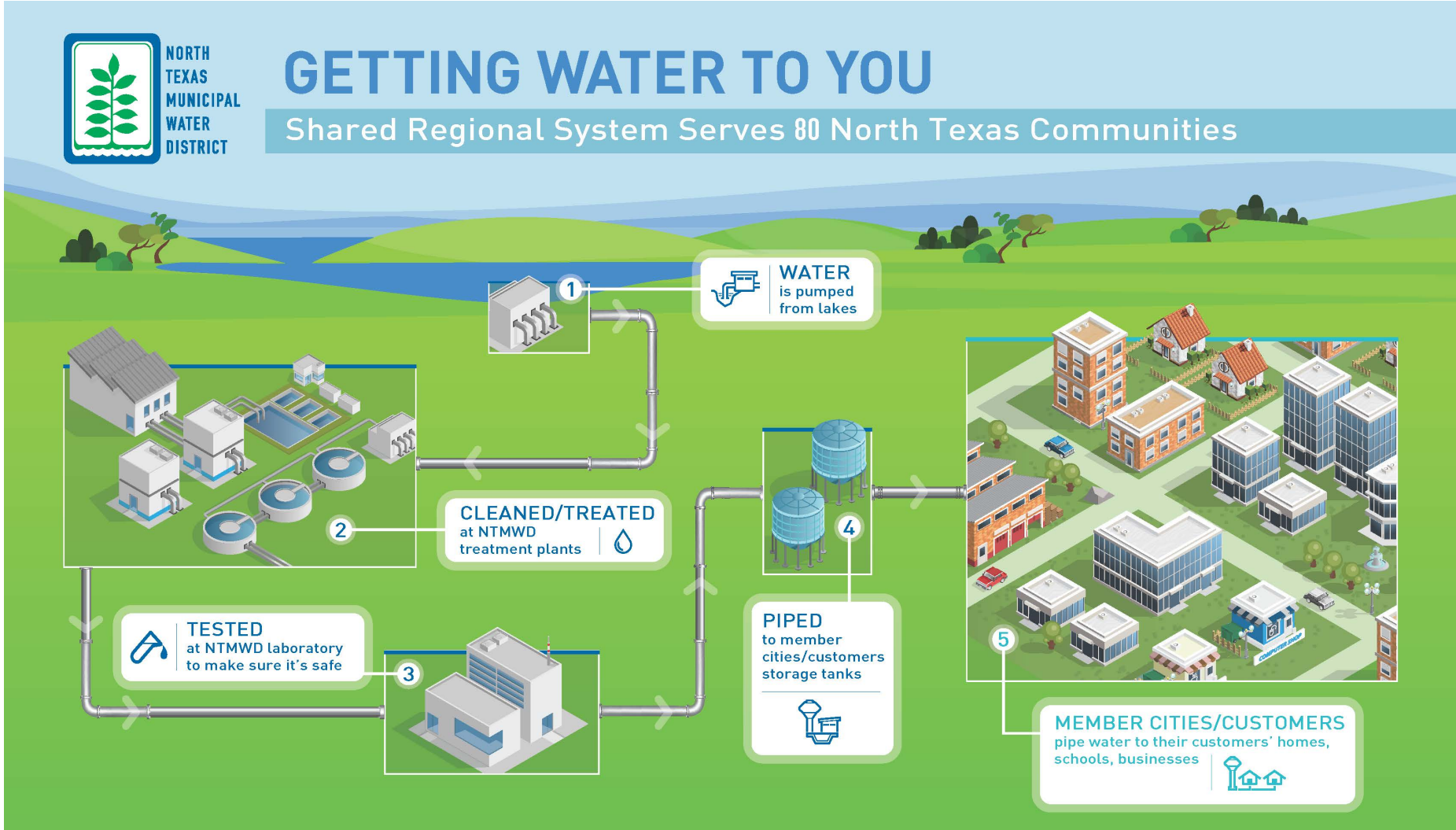
The District's top priority is to keep drinking water safe. To ensure quality water for the communities served, the District's nationally accredited laboratory conducts and processes hundreds of samples every day. Findings are reported to ensure drinking water meets or surpasses regulatory standards 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 six 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

According to the most recent Region C water plan, over 30% of future water supplies to serve North Texas will come from conservation and reuse. Conservation remains a critical component of water resource planning. Even with the future planned addition of Bois d'Arc Lake supplies to NTMWD resources, anticipated growth and current capacities and supplies will remain stretched to meet the needs of our fast growing area.

Since 2006, NTMWD has provided funding and resources to promote increased water conservation stewardship across its service area and the state. Regional efforts for water conservation by NTMWD included expanding upon the first state-wide public awareness program in Texas, "Water IQ: Know Your Water" which was locally funded and promoted through advertising channels from 2006 to 2018 by NTMWD on behalf of its Member Cities and Customers. In 2020, NTMWD decided to take a more focused approach to environmental awareness/education and reduction of wasteful outdoor watering practices by transitioning to its own campaign of, "Know More. Water Less." Know More. Water Less. continues to drive conservation and stewardship messaging through the use of locally placed print ads, streaming audio, social media, webinars, billboards, online PSAs, and other methods.

While most water conservation messaging is targeted towards adults, NTMWD recognized early on that youth provide a strong influence on adult behaviors at home with regards to stewardship and related changes in behaviors. In 2014, NTMWD created a youth campaign to complement adult conservation messaging called Water4Otter. Mascots Otis the Otter and his friends, Farah the Fox, and Bob the Bobcat provide an avenue to bridge the messaging of water conservation, water quality, and the "one water" concept to kids both in and out of the school environment. In addition to in-school mascot performances for grades K-5, Water4Otter.org provides a free online curriculum and workbook to reach kids outside of the traditional brick and mortar school buildings. Past Water4Otter research has shown that children are passionate about wildlife and are more likely to protect sources of water that are shared between humans and animals. The North American River Otter, Red Fox, and Bobcat are all animals which have been sighted at/near NTMWD water supply reservoirs. As part of NTMWD Strategic Plan initiatives, this program will be expanded to areas in Fannin County, where Bois d'Arc Lake is located, beginning in FY 2022-2023.



Over the years, NTMWD has provided messaging to encourage communities to save water. In addition to the Know More. Water Less. campaign, NTMWD promotes using a free outdoor irrigation recommendation tool for consumers through Water My Yard, and planting native or adapted landscaping which requires less water through the Pledge to Plant Smart messaging. Water education and awareness initiatives incorporate a "one water" focus which includes water treatment and delivery, wastewater treatment and reuse, stormwater and watershed protection. In 2021, the Know More. Water Less. campaign resulted in increased Water My Yard subscribers and visits to the NTMWD website for resources and tips. In FY 2020-2021, the campaign resulted in over 54,430,189 impressions, which was over our target goal.

Since 2013, NTMWD has partnered with Texas A&M AgriLife Extension to provide consumers with weather-based irrigation recommendations using a tool through WaterMyYard.org. This program delivers weekly lawn watering recommendations to subscribers and can be customized according to the user's system and components. Summer outdoor watering habits increase water demands, peak delivery needs, expanded water treatment capacity, and most of the water used outdoors is wasted through overwatering. The Water My Yard tool is designed to regularly inform water customers on "When to Water and When to Wait." Use of Water My Yard has contributed to helping reduce outdoor water use during the hottest, driest months of summer between June through September. The weekly watering emails and texts can include special water conservation messaging during times of needed reductions. In FY 2021-2022, NTMWD and AgriLife partnered to complete a 3-year turf grass study to improve the research on which the recommendations are based, focusing more on North Texas turf grasses and our soils and climate. This information will further refine the watering recommendations used by the Water My Yard tool. As an increased conservation focus, the study will test a new drought tolerant St. Augustine grass that is expected to reduce watering requirements by 60-80% compared to common St. Augustine used in the area.

As part of our ongoing commitment to regionalization and water efficiencies, NTMWD continues its partnerships with two of our neighboring water agencies, City of Dallas Water Utilities and Tarrant Regional Water District, through support of a regional public education and conservation campaign. The award winning “Water Is Awesome” campaign appears on social media, online, TV, radio, billboards and print throughout our combined service areas. For FY 2020-2021, the campaign had over 85 million TV and radio impressions, 10 million digital video views and close to 500,000 the website visits. A Water is Awesome toolkit was created and provided to NTMWD Member Cities and Customers to allow for utilization of these assets through their own marketing channels. During FY 2021-2022, Water is Awesome included generic drought messaging to help refocus regional consumers on the need to protect our limited resources and change wasteful behaviors.

NTMWD funds a district-wide process for the state-required five-year updates to conservation and drought plans. Through the use of a third-party consultant, NTMWD facilitates the update process to its plans and provides model plans to its Member Cities and Customers with measures complementary to those in the NTMWD plans. This provides consistency of water reduction triggers and measures across our communities as much as possible. This regional approach saves each Member City and Customer funding and time by providing a template which can be adopted by boards and councils with minimal customization necessary to meet state requirements. The most recent planning process for the updates began in FY 2022, which will culminate with the updated plans being approved and submitted to the state in FY 2024.

As a service to its Member Cities and Customers with regards to water conservation, NTMWD has funded an Industrial, Commercial, Institutional and Multifamily (ICIM) program to assist their organization with identifying potential opportunities for water use reductions within these sectors. The program includes workshops for city staff in the areas of potential reductions within certain sectors, methodology of providing site audits in concert with businesses, and a customized dashboard utilizing city data to help identify targets for potential reductions. The dashboard allows participating cities to identify sites for water saving audits, find trends in water consumption and develop future programs. The 2024 NTMWD Water Conservation Plan, which will include ICIM target reduction goals and tracking for the first time, will continue to utilize this program to further assist participating Member Cities and Customers in setting and tracking ICIM reductions going forward.

NTMWD is building on its historic commitment to conserving and protecting our most vital resource of water. The combination of programs and messages continue to be shared through community outreach events, presentations, school and library programs, and through all media channels. The District continues to emphasize the importance of water conservation through investments in public education and outreach to raise awareness of this vital source of supply to meet our expanding region’s long-term water needs.

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 is slated to begin 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 is constructing Bois d'Arc Lake which is projected to supply 82 million gallons per day (MGD). The U.S. Army Corps of Engineers issued its record of decision and issued the 404 Permit that allowed construction to begin in 2018. Water delivery from Bois d'Arc Lake is anticipated 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:

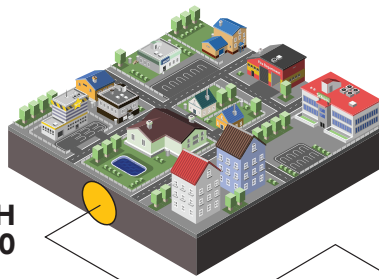
- Conservation
- Bois d'Arc Lake
- Additional Lake Texoma with blending
- Additional measures to access full Lavon Lake yield
- Additional Lavon watershed reuse
- Expanded wetland reuse
- Marvin Nichols Reservoir
- Wright Patman reallocation
- Oklahoma water resources
- Infrastructure to treat and deliver 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.

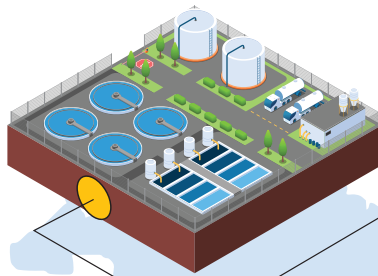
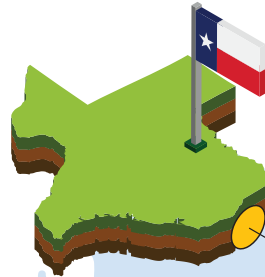
IN NORTH TEXAS, OUR DREAMS ARE BIG. SO IS BOIS D'ARC LAKE.

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.

3.2M
PEOPLE WILL
LIVE IN NORTH
TEXAS BY 2050

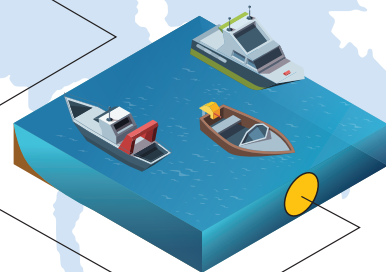


UP TO 80
NORTH TEXAS
COMMUNITIES
SERVED IN 10
COUNTIES

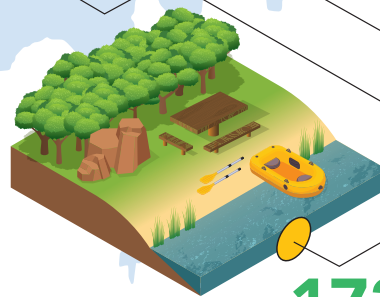


UP TO 82M
GALLONS OF WATER
PER DAY FOR PURIFICATION

BOIS D'ARC LAKE



26
SQUARE MILES
FOR BOATING
AND FISHING



172
MILES OF PUBLIC AND
PRIVATE SHORELINE FOR
NATURE VIEWING AND PICNICS



NORTH
TEXAS
MUNICIPAL
WATER
DISTRICT

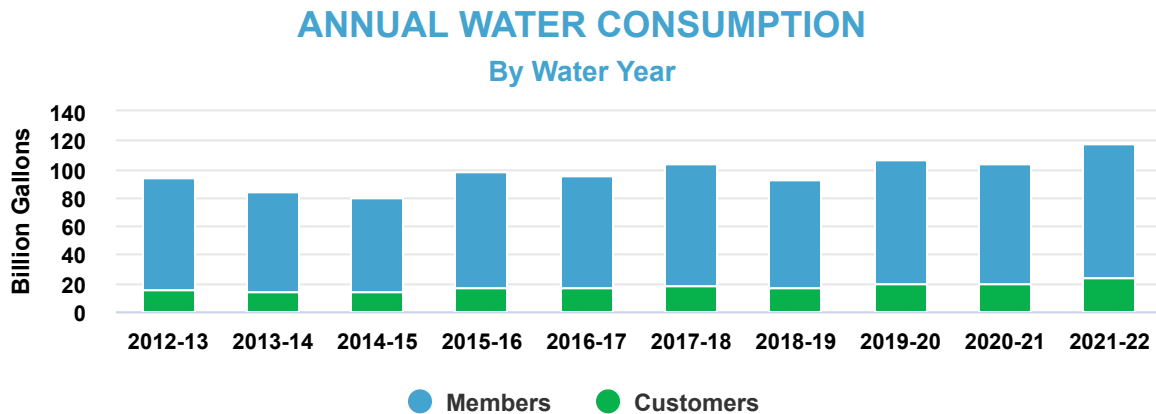


BOIS
D'ARC
LAKE

Twenty-six square mile Bois d'Arc Lake starts delivering drinking water to up to 80 North Texas communities in Spring 2023. Open for recreation by 2023. Visit boisdarclake.org for more information.

Minimum Annual Demand and Water Rate

Water Consumption for the FY22 water year (August 1, 2021 through July 31, 2022) was 117,313,728,000 gallons. This was 13,730,635,000 gallons or 13.26% more than the prior year's consumption of 103,583,093,000 gallons and 4,590,405,000 gallons or 3.77% less than the budgeted minimum annual demand of 121,904,133,000 gallons for the year. Historical water consumption is presented below:



The Minimum Annual Demand methodology requires each city to pay for the facilities it has required the District to construct in order to meet its demands. This method provides for an escalating Minimum Annual Demand for cities that place additional demands on the system and on cities that do not effectively manage their demands, thus encouraging conservation. Total Minimum Annual Demands for FY23 are scheduled at 126,463,551,000 gallons. The table below presents the Minimum Annual Demands for each Member City and for Customers collectively:

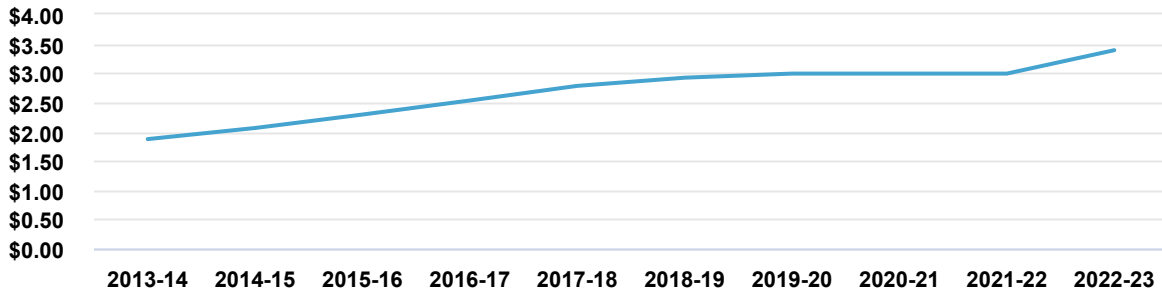
FY23 ANNUAL MINIMUMS	
Member Cities	(1,000 gallons)
Allen	6,345,484
Farmersville	274,168
Forney	2,754,485
Frisco	14,146,008
Garland	13,136,918
McKinney	12,417,706
Mesquite	7,867,721
Plano	25,655,890
Princeton	1,137,352
Richardson	10,586,918
Rockwall	4,739,824
Royse City	846,122
Wylie	1,850,497
Total Member Cities	101,759,093
Customers	24,704,458
Grand Total	126,463,551

In an effort to keep up with rising inflation costs and supply chain disruptions, the District has taken proactive measures to reduce expenses where feasible. However, due to the current economic environment and rising costs, the District is in a position where it must introduce a rate increase. It is recommended that the current Member City Water Rate increase to 3.39 per 1,000 gallons for the FY23 fiscal year. The current Customer City Water Rate will also increase to 3.44 per 1,000 gallons for FY23. Rate adjustments are anticipated in future years as cost estimates to develop raw

water supplies and operational costs continue to increase. Historical and proposed Member City Water Rates are presented below:

MEMBER CITY WATER RATES

per 1,000 gallons



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 FY23, it is proposed that the Excess Water Rate be adjusted from \$0.60 to \$0.81 per 1,000 gallons for Member Cities and from \$0.65 to \$0.86 per 1,000 gallons for Customer Cities.

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 (\$0.60 per 1,000 gallons for FY22) 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. Based on trends of actual expenses the District does not anticipate issuing a rebate for variable costs for the FY22. The schedule below provides the budgeted and actual demand and excess charges / rebates for Member Cities and Customers for FY22.

2021-22 Water Excess / Rebates

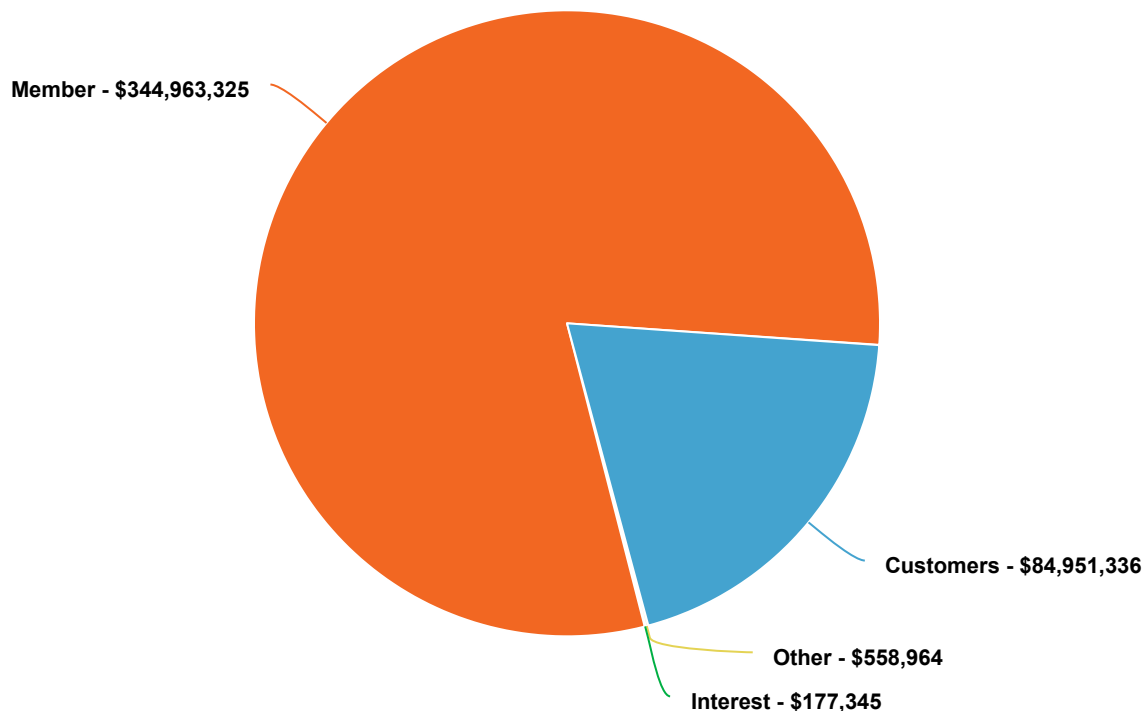
City	Minimum Annual Demand (1,000 Gallons)	2022 Actuals (1,000 Gallons)	2022 Excess	2022 Rebates
Allen	6,002,360	6,345,484	\$ 205,874	\$ -
Farmersville	279,486	255,527	- \$	-
Forney	2,398,194	2,754,485	213,775	\$ -
Frisco	12,194,343	14,146,008	1,170,999	\$ -
Garland	13,674,674	11,251,971	- \$	-
McKinney	11,935,830	12,417,706	289,126	\$ -
Mesquite	8,254,231	6,512,923	- \$	-
Plano	26,600,916	22,343,378	- \$	-
Princeton	751,294	1,137,352	231,635	\$ -
Richardson	10,968,729	9,248,589	- \$	-
Rockwall	4,188,942	4,739,824	330,529	\$ -
Royse City	659,940	846,122	111,709	\$ -
Wylie	1,873,784	1,768,869	- \$	-
Total Members	99,782,723	93,768,238	\$ 2,553,647	\$ -
Customers	22,121,410	23,545,490	6,297,635	\$ -
Grand Total	121,904,133	117,313,728	\$ 8,851,281	\$ -

Revenues and Expenditures

	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues	\$ 373,708,938	\$ 368,972,505	\$ 382,075,820	\$ 430,650,970	\$ 61,678,465	16.72%
Expenditures						
Personnel	\$ 12,498,543	\$ 14,334,590	\$ 13,685,780	\$ 17,036,445	\$ 2,701,855	18.85%
Supplies	39,839,433	53,361,475	68,393,340	79,093,355	25,731,880	48.22%
Services	108,961,841	93,318,195	91,997,325	104,647,025	11,328,830	12.14%
Capital Outlay	1,331,035	1,655,500	1,325,480	3,014,610	1,359,110	82.10%
Escrow	50,000	1,250,000	50,000	4,088,070	2,838,070	227.05%
Debt Service	210,162,341	205,597,795	203,197,795	215,909,345	10,311,550	5.02%
Total	\$ 372,843,193	\$ 369,517,555	\$ 378,649,720	\$ 423,788,850	\$ 54,271,295	14.69%

The FY22 Amended Budget for total estimated revenues is expected to be \$382,075,820 and the Amended Budget for total estimated expenses is expected to be \$378,649,720 which is driven higher by the rise in chemical prices related to supply chain and the Russia/Ukraine conflict. For FY23, Member City and Customer water sales revenues are projected to be \$429,914,661, which reflects the increased annual minimum consumption along with the increased rate to cover increased operating costs. Combined with other water sales of \$17,490, interest income of \$177,345 and other budgeted revenues of \$541,474, total budgeted revenue for FY23 is \$430,650,970.

RWS ANNUAL BUDGETED REVENUE



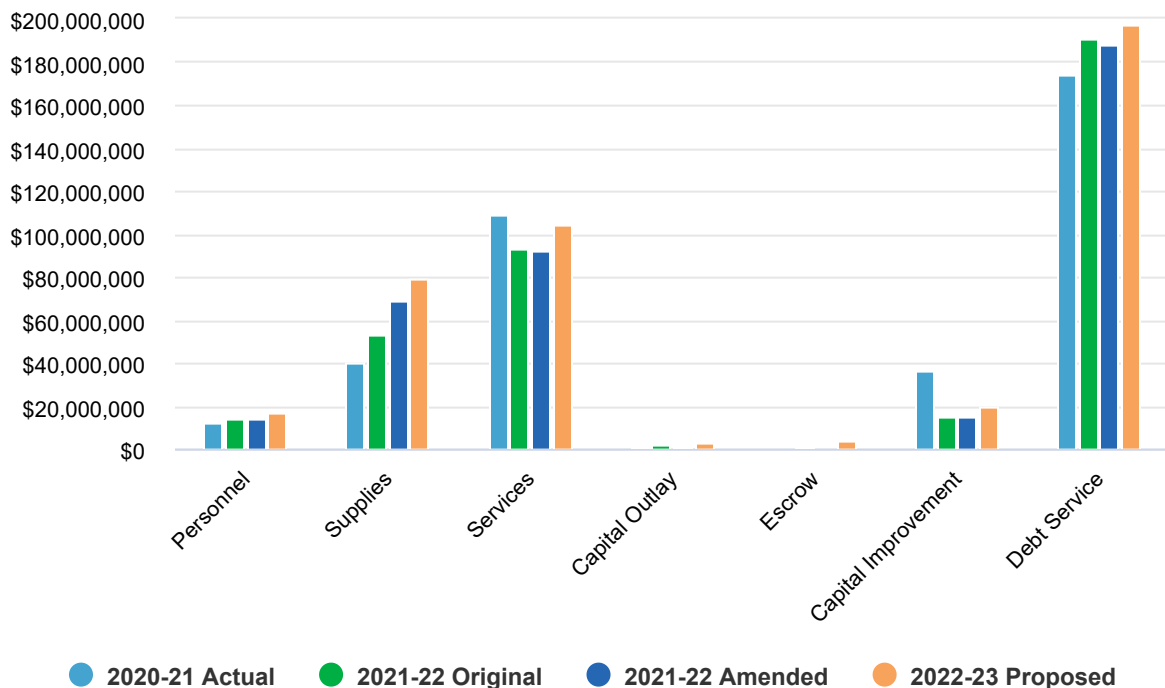
The FY22 Amended Budget for expenditures totals \$378,649,720, which is \$9,132,165 or 2.47% greater than the FY22 Original Budget of \$369,517,555. This increase is due primarily to increased prices of chemicals driven by supply chain issues and the Russia/Ukraine conflict.

For the FY23 Annual Budget, the total RWS expenditures requested are \$423,788,850, which is \$54,271,295 or 14.69% greater than the FY22 Original Budget.

Major budget variances are explained below:

- Increase in Personnel of \$2,701,855 due to an additional 10 headcount. Three of these positions are for Bois d'Arc Lake and the other positions are split among Wylie operations and the Transmission Systems.
- Increase of \$25,731,880 in Supplies driven by chemicals from higher bids on new contracts driven by inflation and supply chain issues. Both of these factors have been affected by the Russia / Ukraine conflict and prices are expected to remain volatile. The District conducted out of cycle rebids for some chemical contracts to ensure supply and improve pricing. The new contracts include quarterly pricing adjustments based on appropriate indices.
- Increase of \$11,328,830 for Services as a result of higher electric power costs, maintenance to repair basins and clearwells, higher insurance costs due to higher property valuations, Lavon Lake rehab share costs and other equipment and facilities maintenance.
- Increase of \$1,359,110 in Capital Outlay to replace effluent valves and replace the raw water II pump 1. The budget also funds a sodium chlorite trailer for the transmission system and truck scale and scale house for residuals.
- Increase of \$2,838,070 related to additional transfers into the Contingency Fund per the Fund Balance Policy minimums
- Higher Debt Service expenses and Capital Improvement Fund transfers increase capital costs by \$10,311,550

REGIONAL WATER SYSTEM EXPENDITURES



Regional Water System Operating Fund

9/30/2022

Regional Water System	FY22 Budget	FY22 Amended	FY23 Proposed
Fund Balance:			
Beginning Balance	\$ 40,776,866	\$ 39,562,950	\$ 42,989,050
Revenues	368,972,505	382,075,820	430,650,970
Expenditures	369,517,555	378,649,720	423,788,850
Increase / (Decrease)	(545,050)	3,426,100	6,862,120
Ending Balance	\$ 40,231,816	\$ 42,989,050	\$ 49,851,170
Target Balance 90 Days		42,922,959	49,506,614
Excess Funds		\$ 66,090	\$ 344,555
Divided by Daily Operating Expense	\$ 441,135	\$ 476,922	\$ 550,073
Days of Operating Expense	91	90	91

Daily Operating & Maintenance Expense Calculation:

Total Expenditures	\$ 369,517,555	\$ 378,649,720	\$ 423,788,850
Less:			
Debt Service	190,597,795	188,197,795	196,809,345
Transfer to Capital Improvement Fund	15,000,000	15,000,000	19,100,000
Transfer to Contingency / Escrows	1,250,000	50,000	4,088,070
Capital Outlay	1,655,500	1,325,480	3,014,610
Total Operating & Maintenance Expense	161,014,260	174,076,445	200,776,825
Divided by Days	365	365	365
Daily Operating Expense	\$ 441,135	\$ 476,922	\$ 550,073

Regional Water System Contingency Fund

9/30/2022

	2021-22 Original	2021-22 Amended	2022-23 Proposed
Fund Balance:			
Beginning Balance	\$ 15,192,617	\$ 18,213,717	\$ 20,000,000
Budgeted Transfer from Operating	1,200,000	-	4,000,000
Variable Rate Methodology Reductions	(5,647,840)	-	-
Feb 2021 Loan from RWS to Other Systems (Loan Pmt to RWS) *	750,000	-	-
Transfer from FY21 Excess Funds to achieve policy minimums	-	1,786,283	-
Ending Balance	<u>\$ 11,494,777</u>	<u>\$ 20,000,000</u>	<u>\$ 24,000,000</u>

* Loan was planned but ultimately not needed

Historical Balances:

Fiscal Year	Ending Balance
2017	\$ 19,099,864
2018	\$ 19,423,373
2019	\$ 23,902,427
2020	\$ 24,192,617
2021	\$ 18,213,717

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

Regional Water System Operating Reserves

	2021-22 Original	2021-22 Amended	2022-23 Proposed
Fund Balance:			
Operating Fund	\$ 40,231,816	\$ 43,039,440	\$ 49,851,170
Rate Stabilization Fund	4,050,000	-	-
Contingency Fund	11,494,777	20,000,000	24,000,000
Total Operating Reserves	<u>\$ 55,776,593</u>	<u>\$ 63,039,440</u>	<u>\$ 73,851,170</u>
Daily Operating Expenses	\$ 441,135	\$ 476,922	\$ 550,073
Days of Operating Reserves	126	132	134

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
9/30/2022**

**Projected
Balance:**

7/31/22	Fund Balance	\$ 124,195,809
	Remaining Payments to be made on Authorized Projects	(103,230,265)
	Balance Available for Future Projects	20,965,543
	Remaining Budgeted Transfers from Operating Fund	2,510,000
	Payment from Collin County	
	Park Road Expansion - Project 573, AM #5625	10,000
	Projects to be Considered for Award	(8,291,658)
9/30/22	Balance Available for Future Projects	15,193,886
	Transfers from Operating Fund	19,100,000
	Expected Projects	(19,061,000)
9/30/23	Balance Available for Future Projects	\$ 15,232,886

Historical Balances:

Fiscal Year	Balance	Unencumbered Balance	Targeted Unencumbered Balance
2017	\$ 116,901,905	\$ 19,596,344	\$ 20,478,982
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	\$ 22,477,948	\$ 15,066,183

*2022 target unencumbered balance is \$15,193,886

East Fork Raw Water Supply (The Wetlands)



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 it is expected to take about two years, depending on rainfall, to fill the lake to an operational level and for the District to begin delivering water 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 will be commissioned 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 a 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.

FY2023 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 Members 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	FY22	FY23	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 Technical Support Manager **	-	0.5	0.5
Operations Trainer **	1.0	0.5	(0.5)
Operations Training & Development Manager **	-	0.5	0.5
Professional Engineer	1.0	1.0	-
Professional Engineer - Special Projects & Water	1.0	1.0	-
Water Operations Assistant *	1.0	1.0	-
Water Operations Shift Supervisor *	4.0	4.0	-
Water Plant Mechanic	3.0	3.0	-
Water Plant Operator II	25.0	26.0	1.0
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 System Manager	1.0	1.0	-
Water Transmission System Manager	1.0	1.0	-
Water Treatment Residuals Coordinator	-	1.0	1.0
Watershed Manager	1.0	1.0	-
Total Full-Time Positions	78.0	81.5	3.5

* Title change per FY22 Compensation Study

** Repurposed per new Water/Wastewater Shared Operations Services Group

Expense Detail

Wylie Treatment Plant Complex	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
Personnel						
510000 - Wages	\$ 5,094,283	\$ 5,334,445	\$ 5,009,470	\$ 6,157,015	\$ 822,570	15.42%
511060 - Overtime	573,085	540,000	540,000	575,000	35,000	6.48%
512000 - Social Security	427,643	402,360	392,295	462,480	60,120	14.94%
513000 - Workers' Comp Ins	124,036	119,410	106,225	126,685	7,275	6.09%
513010 - Unemployment Ins	4,296	-	-	-	-	0.00%
513020 - Hospitalization Ins	1,007,386	1,048,585	1,049,595	1,243,090	194,505	18.55%
513040 - Dental Ins	51,926	48,180	48,630	56,780	8,600	17.85%
513060 - Life Ins	13,302	12,800	12,070	14,920	2,120	16.56%
514000 - Retirement	678,990	734,255	734,255	848,320	114,065	15.53%
514010 - Retiree - Insurance	344,208	235,780	235,780	277,315	41,535	17.62%
514020 - Comp Absences-vac.	24,985	71,645	71,645	64,470	(7,175)	-10.01%
514030 - Comp Absences-sick	28,445	-	-	47,495	47,495	0.00%
515000 - Cell Phone Stipend	32,040	31,680	28,280	34,560	2,880	9.09%
Personnel Total	\$ 8,404,625	\$ 8,579,140	\$ 8,228,245	\$ 9,908,130	\$ 1,328,990	15.49%
Supplies						
520100 - Office Supplies	\$ 11,493	\$ 8,340	\$ 8,620	\$ 12,715	\$ 4,375	52.46%
520110 - Computer Supplies	82,723	76,275	75,330	48,815	(27,460)	-36.00%
520200 - Xerox Supplies	12,362	5,000	5,000	6,000	1,000	20.00%
520300 - Clothing Supplies	20,906	45,800	45,800	39,800	(6,000)	-13.10%
520600 - Fuel, Oil and Lube	23,712	22,800	47,800	23,895	1,095	4.80%
520630 - Toll Fees	524	-	-	-	-	0.00%
520700 - Machine Oil & Lube	16,381	23,270	23,270	30,000	6,730	28.92%
520800 - Small Tools & Equip	65,932	30,745	30,745	29,500	(1,245)	-4.05%
520900 - Janitorial Supplies	151	-	-	-	-	0.00%
521000 - Laboratory Supplies	89,675	68,250	138,250	104,250	36,000	52.75%
521110 - Safety Supplies	129,861	141,120	141,120	131,830	(9,290)	-6.58%
521200 - Chem - Other	292,737	80,935	62,910	87,025	6,090	7.52%
521201 - Chem - Lime	431,293	993,915	753,980	777,800	(216,115)	-21.74%
521202 - Chem - Ferric Sulfate	16,136,954	20,288,665	29,468,780	27,983,640	7,694,975	37.93%
521203 - Chem - Chlorine	1,726,551	2,555,205	4,940,960	5,329,930	2,774,725	108.59%
521204 - Chem - Ammonia	345,204	475,055	1,156,230	975,780	500,725	105.40%
521205 - Chem - Fluoride	179,006	458,145	641,750	575,200	117,055	25.55%
521209 - Chem - Polymers	649,476	935,710	851,800	879,510	(56,200)	-6.01%
521214 - Chem - Caustic	11,258,268	11,545,055	16,665,760	15,830,440	4,285,385	37.12%
521216 - Chem - Sodium Chlorite	2,110,678	2,560,200	3,041,400	2,580,790	20,590	0.80%
521218 - Chem - Liquid Oxygen	1,307,644	3,348,080	3,325,620	2,891,200	(456,880)	-13.65%
521300 - Botanical Supplies	460	475	475	-	(475)	-100.00%
521400 - Electrical Supplies	824,078	460,200	792,200	813,900	353,700	76.86%
521500 - Mechanical Supplies	815,898	535,000	1,040,000	815,000	280,000	52.34%
521600 - Pipeline Supplies	8,913	-	-	-	-	0.00%
521700 - Building Supplies	63,267	92,000	92,000	89,000	(3,000)	-3.26%
521900 - Vehicle Supplies	6,797	13,245	13,245	8,000	(5,245)	-39.60%
521910 - Tires and Tubes	2,268	8,210	8,210	3,000	(5,210)	-63.46%

Expense Detail (continued)

Wylie Treatment Plant Complex					Variance \$	Variance %
Expense Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Supplies (continued)						
522000 - Equipment Supplies	\$ 342,980	\$ 271,540	\$ 458,295	\$ 391,540	\$ 120,000	44.19%
522200 - Road Maintenance Supp	92,200	99,750	99,750	99,750	-	0.00%
523000 - Other Supplies	750	100,000	100,000	100,000	-	0.00%
Supplies Total	\$37,049,142	\$45,242,985	\$ 64,029,300	\$ 60,658,310	\$ 15,415,325	34.07%
Services						
530300 - Automotive Insurance	\$ 14,830	\$ 16,880	\$ 16,880	\$ 15,390	\$ (1,490)	-8.83%
530400 - Fire & Exten Cov Ins	530,029	678,715	678,715	1,387,150	708,435	104.38%
530900 - General Liability Ins	239,622	193,575	193,575	117,555	(76,020)	-39.27%
531000 - Telephone	3,551	8,400	8,400	4,200	(4,200)	-50.00%
531020 - Internet Service	29,742	36,540	36,540	19,680	(16,860)	-46.14%
531100 - Electric Power	13,883,530	4,185,000	5,085,000	5,750,000	1,565,000	37.40%
531200 - Bank Service Fees	2,819	3,500	3,500	2,000	(1,500)	-42.86%
531300 - Engin/Consultant Svc	1,284,204	1,341,000	1,259,830	850,000	(491,000)	-36.61%
531310 - Special Studies & Rpts	65,711	100,000	100,000	200,000	100,000	100.00%
531320 - Water Conservation Prog	1,653,079	2,000,420	2,000,420	-	(2,000,420)	-100.00%
531400 - Legal Service	168,139	250,000	250,000	200,000	(50,000)	-20.00%
531410 - Legal Service, P.A.	6,600,000	-	-	-	-	0.00%
531490 - Raw Water Development	-	-	-	475,000	475,000	0.00%
531500 - Planning & Development	7,000	15,000	15,000	18,000	3,000	20.00%
531600 - Printing & Binding	-	500	500	3,600	3,100	620.00%
531700 - Advertising	9,737	4,400	4,400	9,700	5,300	120.45%
531800 - Rent or Lease Payment	104,605	57,000	74,130	114,400	57,400	100.70%
531810 - Demurrage	139,650	100,000	100,000	140,000	40,000	40.00%
531900 - Travel and Training	60,045	104,800	104,100	77,520	(27,280)	-26.03%
532000 - Mem & Subscriptions	76,613	98,585	98,585	174,070	75,485	76.57%
532100 - Vehicle Maint	3,075	4,505	4,505	4,115	(390)	-8.66%
532110 - Veh Maint by RSWS	5,125	7,960	7,960	7,000	(960)	-12.06%
532200 - Equipment Maintenance	1,244,777	1,274,400	2,221,620	1,460,350	185,950	14.59%
532210 - Special Maintenance	8,137,740	8,380,750	7,315,560	10,072,000	1,691,250	20.18%
532220 - Pipeline Maintenance	5,158	-	4,475	-	-	0.00%
532230 - Facilities Maintenance	113,332	605,500	345,500	1,005,500	400,000	66.06%
532300 - Postage	75	300	300	300	-	0.00%
532600 - Lake Maintenance	778,657	685,000	685,000	1,114,400	429,400	62.69%
532800 - Grounds Maintenance	4,583	-	23,830	-	-	0.00%
532850 - Building Maintenance	11,734	46,500	58,357	46,500	-	0.00%
532900 - Electrical Sys Maint	502,036	425,670	603,941	550,670	125,000	29.37%
533000 - Other Services	71,304	21,200	67,873	24,800	3,600	16.98%
533030 - Contractual Safety Serv	17,892	265,800	35,800	207,200	(58,600)	-22.05%
533500 - Lab Svc - Contract	77,036	163,150	163,150	153,650	(9,500)	-5.82%
533900 - Permits, Ins, & Lic Fees	12,245	40,000	40,000	40,000	-	0.00%
534000 - Uninsured losses	110,438	1,000	1,000	1,000	-	0.00%
534200 - Plant Security Services	432,925	437,000	477,059	475,000	38,000	8.70%
Shared Services	22,739,044	24,652,185	24,652,185	25,839,635	1,187,450	4.82%
Services Total	\$59,140,082	\$46,205,235	\$ 46,737,690	\$ 50,560,385	\$ 4,355,150	9.43%

Expense Detail (continued)

Wylie Treatment Plant Complex	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
Capital Outlay						
540200 - Building	\$ 7,000	\$ -	\$ -	\$ -	-	0.00%
540300 - Vehicle Equipment	71,996	59,000	59,000	-	(59,000)	-100.00%
540400 - Office Equipment	-	-	105,770	-	-	0.00%
540500 - Machinery	586,937	835,000	475,230	1,280,000	445,000	53.29%
542000 - Other Capital Outlay	-	190,000	-	550,000	360,000	189.47%
Capital Outlay Total	\$ 665,932	\$ 1,084,000	\$ 640,000	\$ 1,830,000	\$ 746,000	68.82%
Grand Total	\$105,259,781	\$101,111,360	\$119,635,235	\$122,956,825	\$ 21,845,465	21.61%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$21,845,465 from the FY22 Original Budget. Major variances are explained below:

- Chemicals increased due to the higher cost of chemicals as a result of supply chain issues and the war in Ukraine
- Special Maintenance increased as a result of repairs to cracks in the sedimentation basins and clearwells along with rehabbing the chlorine dioxide generator
- Water Conservation Program decreased as a result of moving it from RWS to the Communications Department
- Personnel increased due to 3 new hires, additional head count for Shared Operations Service Group, higher Wages and Insurance costs
- Electric Power increased based on demand and higher prices
- Shared Services increased due to higher allocated costs from the Shared Services Fund

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.

FY2023 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	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						
520700 - Machine Oil & Lube	\$ 6,367	\$ 7,890	\$ 7,890	\$ 11,100	\$ 3,210	40.68%
521110 - Safety Supplies	-	500	500	500	-	0.00%
521400 - Electrical Supplies	43,943	15,000	15,000	6,000	(9,000)	-60.00%
521500 - Mechanical Supplies	2,621	2,000	2,000	2,000	-	0.00%
521600 - Pipeline Supplies	30,904	47,580	47,580	135,200	87,620	184.15%
521700 - Building Supplies	1,653	23,000	23,000	23,000	-	0.00%
Supplies Total	\$ 85,487	\$ 95,970	\$ 95,970	\$ 177,800	\$ 81,830	85.27%
Services						
531000 - Telephone	\$ 2,021	\$ 2,400	\$ 2,400	\$ 3,600	\$ 1,200	50.00%
531100 - Electric Power	1,335,498	1,395,000	1,145,000	1,500,000	105,000	7.53%
531103 - Recov-GTUA Power	(243,923)	(180,000)	(180,000)	(180,000)	-	0.00%
532210 - Special Maintenance	-	-	-	2,625	2,625	0.00%
532220 - Pipeline Maintenance	52,600	-	-	15,000	15,000	0.00%
532230 - Facilities Maintenance	-	-	-	815	815	0.00%
532800 - Grounds Maintenance	-	-	-	30,500	30,500	0.00%
532900 - Electrical Sys Maint	-	-	-	9,000	9,000	0.00%
533000 - Other Services	10,367	180,355	180,355	-	(180,355)	-100.00%
533030 - Contractual Safety Serv	-	2,000	2,000	3,820	1,820	91.00%
534000 - Uninsured losses	129,926	-	-	-	-	0.00%
Shared Services	545,429	521,405	521,405	473,365	(48,040)	-9.21%
Services Total	\$1,831,919	\$1,921,160	\$1,671,160	\$1,858,725	\$ (62,435)	-3.25%
Grand Total	\$ 1,917,406	\$ 2,017,130	\$ 1,767,130	\$ 2,036,525	\$ 19,395	0.96%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$19,395 from the FY22 Original Budget. Major variances are explained below:

- Other Services decreased due to reallocating funds to other accounts
- Pipeline Supplies increased to build up replacement stock inventory in pipe yard for emergency repairs if needed
- Electric Power increased as a result of higher energy costs and demand
- Shared Services allocation decreased for FY23

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.

FY2023 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	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						
520700 - Machine Oil & Lube	\$ 6,420	\$ 6,560	\$ 6,560	\$ 9,200	\$ 2,640	40.24%
521110 - Safety Supplies	-	500	500	500	-	0.00%
521400 - Electrical Supplies	1,430	9,500	9,500	54,500	45,000	473.68%
521500 - Mechanical Supplies	1,030	5,000	5,000	5,000	-	0.00%
521600 - Pipeline Supplies	40,774	59,180	59,180	63,740	4,560	7.71%
521700 - Building Supplies	28,794	2,000	3,690	2,000	-	0.00%
522000 - Equipment Supplies	-	2,000	2,000	5,000	3,000	150.00%
522200 - Road Maint Supplies	-	10,000	10,000	10,000	-	0.00%
525000 - Recovery - Supplies	(38,379)	(47,370)	(48,215)	(74,970)	(27,600)	58.26%
Supplies Total	\$ 40,068	\$ 47,370	\$ 48,215	\$ 74,970	\$ 27,600	58.26%
Services						
531000 - Telephone	\$ 932	\$ 1,445	\$ 1,445	\$ 1,445	\$ -	0.00%
531100 - Electric Power	1,717,915	2,325,000	2,975,000	2,500,000	175,000	7.53%
531101 - Recov-Sulp Springs Pwr	(104,969)	(100,000)	(100,000)	(100,000)	-	0.00%
531102 - Recov-Irving Power	(1,109,692)	(1,400,000)	(1,400,000)	(1,400,000)	-	0.00%
531300 - Engin/Consultant Svc	58,013	8,500	8,500	-	(8,500)	-100.00%
532200 - Equipment Maintenance	165,870	8,000	8,000	3,000	(5,000)	-62.50%
532210 - Special Maintenance	-	5,000	5,000	7,500	2,500	50.00%
532800 - Grounds Maintenance	41,552	67,000	67,000	45,000	(22,000)	-32.84%
532850 - Building Maintenance	-	-	-	2,000	2,000	0.00%
532900 - Electrical Sys Maint	2,240	5,000	5,000	5,000	-	0.00%
533000 - Other Services	5,418	5,500	5,500	-	(5,500)	-100.00%
533030 - Contractual Safety Serv	-	5,500	5,500	4,000	(1,500)	-27.27%
533900 - Permits, Ins, & Lic Fees	164	500	500	500	-	0.00%
535000 - Recovery - Contractual	(329,220)	(165,960)	(165,960)	(146,960)	19,000	-11.45%
Shared Services	688,915	225,475	225,475	225,475	-	0.00%
Services Total	\$ 1,137,140	\$ 990,960	\$ 1,640,960	\$ 1,146,960	\$ 156,000	15.74%
Capital Outlay						
540500 - Machinery	\$ 26,714	\$ -	\$ -	\$ -	\$ -	0.00%
542000 - Other Capital Outlay	-	-	-	160,000	160,000	0.00%
545000 - Recovery - Cap Outlay	(13,357)	-	-	(80,000)	(80,000)	0.00%
Capital Outlay Total	\$ 13,357	\$ -	\$ -	\$ 80,000	\$ 80,000	0.00%
Escrow						
550660 - Rsv for Maintenance	\$ 100,000	\$ 100,000	\$ 100,000	\$ 176,140	\$ 76,140	76.14%
551000 - Recovery - Irving Escrow	(50,000)	(50,000)	(50,000)	(88,070)	(38,070)	76.14%
Escrow Total	\$ 50,000	\$ 50,000	\$ 50,000	\$ 88,070	\$ 38,070	76.14%
Grand Total	\$ 1,240,565	\$ 1,088,330	\$ 1,739,175	\$ 1,390,000	\$ 301,670	27.72%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$301,670 from the FY22 Original Budget. Major variances are explained below:

- Electrical Power increased based on higher energy costs and demand
- Electrical Supplies increased for the purchase of a redundant electrical breaker
- Capital Outlay increased for sections of pipe for repairs
- Escrow increased as a result of increase funds added to Reserve for Maintenance for future scheduled repairs

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.

FY2023 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.
- Develop and implement improved maintenance strategies that improves asset life cycle cost and increases 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.

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.

Major Budget Drivers

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

Position Summary

Tawakoni Pump Station

Full-Time Positions	FY22	FY23	Difference
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	-

* Title change per FY22 Compensation Study

Expense Detail

Tawakoni 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
Personnel						
510000 - Wages	\$ 608,674	\$ 663,865	\$ 656,710	\$ 731,215	\$ 67,350	10.15%
511060 - Overtime	87,386	95,000	95,000	95,000	-	0.00%
512000 - Social Security	50,236	50,790	52,065	55,935	5,145	10.13%
513000 - Workers' Comp Ins	21,419	18,810	18,465	20,720	1,910	10.15%
513020 - Hospitalization Ins	157,829	167,300	172,570	189,915	22,615	13.52%
513040 - Dental Ins	8,226	7,905	7,850	8,645	740	9.36%
513060 - Life Ins	1,668	1,610	1,610	1,800	190	11.80%
514000 - Retirement	79,090	84,655	84,655	102,825	18,170	21.46%
514010 - Retiree - Insurance	17,430	27,185	27,185	33,615	6,430	23.65%
514020 - Comp Absences-vacation	4,415	-	-	5,205	5,205	0.00%
514030 - Comp Absences-sick	9,960	10,885	10,885	-	(10,885)	-100.00%
515000 - Cell Phone Stipend	4,160	3,840	3,520	3,840	-	0.00%
Personnel Total	\$ 1,050,493	\$ 1,131,845	\$ 1,130,515	\$ 1,248,715	\$ 116,870	10.33%
Supplies						
520100 - Office Supplies	\$ 6,879	\$ 1,700	\$ 1,700	\$ 600	\$ (1,100)	-64.71%
520110 - Computer Supplies	6,325	4,000	5,300	4,500	500	12.50%
520200 - Xerox Supplies	10	600	600	300	(300)	-50.00%
520300 - Clothing Supplies	5,049	5,500	5,500	5,300	(200)	-3.64%
520600 - Fuel, Oil and Lube	4,049	5,000	6,000	5,000	-	0.00%
520700 - Machine Oil & Lube	4,361	7,700	7,700	5,000	(2,700)	-35.06%
520800 - Small Tools & Equip	3,258	1,000	1,000	1,400	400	40.00%
520900 - Janitorial Supplies	377	-	-	-	-	0.00%
521000 - Laboratory Supplies	12,602	20,240	20,240	20,240	-	0.00%
521110 - Safety Supplies	14,695	10,050	10,050	9,585	(465)	-4.63%
521200 - Chem - Other	24,885	38,640	74,940	63,780	25,140	65.06%
521201 - Chem - Lime	132,381	361,260	175,020	214,390	(146,870)	-40.65%
521202 - Chem - Ferric Sulfate	591,340	626,820	879,630	1,084,670	457,850	73.04%
521203 - Chem - Chlorine	205,104	197,720	299,070	390,530	192,810	97.52%
521204 - Chem - Ammonia	34,554	42,315	53,100	60,710	18,395	43.47%
521205 - Chem - Fluoride	19,572	20,760	24,250	29,730	8,970	43.21%
521209 - Chem - Polymers	82,192	53,010	61,820	75,760	22,750	42.92%
521216 - Chem - Sodium Chlorite	167,545	159,590	179,490	207,200	47,610	29.83%
521218 - Chem - Liquid Oxygen	64,536	117,180	86,080	97,130	(20,050)	-17.11%
521300 - Botanical Supplies	130	300	300	-	(300)	-100.00%

Expense Detail (continued)

Tawakoni 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 (continued)						
521400 - Electrical Supplies	\$ 81,648	\$ 36,000	\$ 40,600	\$ 47,000	\$ 11,000	30.56%
521500 - Mechanical Supplies	106,669	30,150	74,420	48,200	18,050	59.87%
521600 - Pipeline Supplies	950	8,000	8,000	2,000	(6,000)	-75.00%
521700 - Building Supplies	23,350	9,000	14,270	12,800	3,800	42.22%
521900 - Vehicle Supplies	323	950	950	800	(150)	-15.79%
521910 - Tires and Tubes	736	600	600	600	-	0.00%
522000 - Equipment Supplies	58,113	43,380	43,380	2,800	(40,580)	-93.55%
522200 - Road Maint Supplies	401	1,500	13,090	500	(1,000)	-66.67%
Supplies Total	\$ 1,652,034	\$ 1,802,965	\$ 2,087,100	\$ 2,390,525	\$ 587,560	32.59%
Services						
530300 - Automotive Insurance	\$ 1,733	\$ 2,750	\$ 2,750	\$ 1,755	\$ (995)	-36.18%
530400 - Fire & Exten Cov Ins	109,183	139,810	139,810	178,610	38,800	27.75%
531000 - Telephone	8,305	6,000	6,000	-	(6,000)	-100.00%
531020 - Internet Service	46,403	25,000	25,000	25,720	720	2.88%
531100 - Electric Power	3,552,136	3,363,900	2,863,900	1,827,200	(1,536,700)	-45.68%
531130 - Wholesale Water Purch	1,610,742	2,789,070	2,175,980	3,132,720	343,650	12.32%
531300 - Engin/Consultant Svc	8,400	-	31,985	-	-	0.00%
531800 - Rent or Lease Payment	4,071	4,120	4,120	4,000	(120)	-2.91%
531900 - Travel and Training	3,907	3,700	3,700	3,700	-	0.00%
532000 - Mem & Subscriptions	231	230	230	230	-	0.00%
532100 - Vehicle Maint	509	-	-	-	-	0.00%
532110 - Veh Maint by Solid Waste	1,080	1,500	1,500	1,500	-	0.00%
532200 - Equipment Maintenance	125,753	182,000	147,345	405,000	223,000	122.53%
532210 - Special Maintenance	-	10,000	10,000	25,000	15,000	150.00%
532220 - Pipeline Maintenance	-	1,000	1,000	1,000	-	0.00%
532230 - Facilities Maintenance	850	137,000	137,000	169,000	32,000	23.36%
532800 - Grounds Maintenance	32,855	47,000	47,000	40,000	(7,000)	-14.89%
532900 - Electrical Sys Maint	284,063	424,000	581,400	397,250	(26,750)	-6.31%
533000 - Other Services	72,846	121,520	121,520	154,020	32,500	26.74%
533030 - Contractual Safety Serv	-	3,500	3,500	3,500	-	0.00%
533500 - Lab Svc - Contract	5,314	12,400	12,400	12,000	(400)	-3.23%
533900 - Permits, Ins, & Lic Fees	5,604	2,000	3,420	4,000	2,000	100.00%
534000 - Uninsured losses	3,533	-	-	-	-	0.00%
534200 - Plant Security Services	-	25,000	25,000	-	(25,000)	-100.00%
Shared Services	2,415,557	2,403,775	2,403,775	2,309,740	(94,035)	-3.91%
Services Total	\$ 8,293,076	\$ 9,705,275	\$ 8,748,335	\$ 8,695,945	\$ (1,009,330)	-10.40%
Capital Outlay						
540300 - Vehicle Equipment	\$ 35,998	\$ 10,500	\$ 16,500	-	\$ (10,500)	-100.00%
540700 - Non-Vehicle Equipment	125,171	-	-	-	-	0.00%
540800 - Pipeline Equipment	48,193	-	54,995	-	-	0.00%
Capital Outlay Total	\$ 209,362	\$ 10,500	\$ 71,495	\$ -	\$ (10,500)	-100.00%
Grand Total	\$11,204,964	\$12,650,585	\$12,037,445	\$12,335,185	\$ (315,400)	-2.49%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$315,400 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- Chemicals increased due to rising costs
- Electric Power decreased as a result of reallocation of funds to Conveyance for Conveyance Station usage
- Wholesale Water purchases went up for increases in SRA Costs
- Equipment Maintenance increased for repairs to pump stations, replacement HVAC systems, a replacement basin meter and air compressor
- Shared Services decreased for FY23

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.

FY2023 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
- Electric Power
- Re-planting aquatic species
- Water Quality

Position Summary

The Wetlands Operations			
Full-Time Positions	FY22	FY23	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	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
Personnel						
510000 - Wages	\$ 333,463	\$ 364,015	\$ 364,085	\$ 400,735	\$ 36,720	10.09%
511060 - Overtime	668	1,500	1,500	1,500	-	0.00%
512000 - Social Security	24,027	27,845	27,165	30,655	2,810	10.09%
513000 - Workers' Comp Ins	10,807	10,315	9,800	11,350	1,035	10.03%
513020 - Hospitalization Ins	75,765	84,585	92,205	100,520	15,935	18.84%
513040 - Dental Ins	4,590	4,180	4,310	4,710	530	12.68%
513060 - Life Ins	935	920	920	1,000	80	8.70%
514000 - Retirement	39,147	46,405	46,405	56,515	10,110	21.79%
514010 - Retiree - Insurance	8,371	14,900	14,900	18,475	3,575	23.99%
514020 - Comp Absences-vacation	-	-	-	1,425	1,425	0.00%
515000 - Cell Phone Stipend	4,023	3,360	3,080	3,360	-	0.00%
Personnel Total	\$ 501,796	\$ 558,025	\$ 564,370	\$ 630,245	\$ 72,220	12.94%
Supplies						
520100 - Office Supplies	\$ 433	\$ 200	\$ 200	\$ 200	-	0.00%
520110 - Computer Supplies	5,053	2,610	2,610	2,610	-	0.00%
520300 - Clothing Supplies	3,444	5,350	5,350	5,350	-	0.00%
520600 - Fuel, Oil and Lube	12,144	13,400	17,400	12,900	(500)	-3.73%
520630 - Toll Fees	25	-	-	-	-	0.00%
520700 - Machine Oil & Lube	1,562	6,500	6,500	14,000	7,500	115.38%
520800 - Small Tools & Equip	3,103	3,800	3,800	3,800	-	0.00%
520810 - Fire Extinguishers	271	400	400	400	-	0.00%
520820 - Expendable Supplies	5,433	6,000	8,410	6,000	-	0.00%
520900 - Janitorial Supplies	87	200	200	200	-	0.00%
521000 - Laboratory Supplies	-	450	450	450	-	0.00%
521110 - Safety Supplies	1,930	3,860	3,860	3,860	-	0.00%
521300 - Botanical Supplies	3,126	2,600	2,600	2,600	-	0.00%
521400 - Electrical Supplies	57,373	29,000	29,000	27,000	(2,000)	-6.90%
521500 - Mechanical Supplies	12,965	36,000	36,000	21,000	(15,000)	-41.67%
521600 - Pipeline Supplies	599	1,000	1,000	1,000	-	0.00%
521700 - Building Supplies	4,850	1,000	1,000	1,000	-	0.00%
521900 - Vehicle Supplies	1,194	3,300	3,300	3,300	-	0.00%
521910 - Tires and Tubes	1,662	4,200	4,200	4,200	-	0.00%
522000 - Equipment Supplies	7,481	5,000	5,000	5,000	-	0.00%
522200 - Road Maintenance Supplies	10,000	15,000	15,000	15,000	-	0.00%
Supplies Total	\$ 132,733	\$ 139,870	\$ 146,280	\$ 129,870	\$ (10,000)	-7.15%

Expense Detail (continued)

The Wetlands Operations	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
Services						
530300 - Automotive Insurance	\$ 6,214	\$ 7,800	\$ 7,800	\$ 7,930	\$ 130	1.67%
530400 - Fire & Exten Cov Ins	25,602	32,785	32,785	77,465	44,680	136.28%
531000 - Telephone	7,746	6,900	6,900	5,400	(1,500)	-21.74%
531020 - Internet Service	2,139	1,440	1,440	960	(480)	-33.33%
531100 - Electric Power	1,839,053	2,376,200	2,376,200	151,050	(2,225,150)	-93.64%
531120 - Retail Water Service	408	500	500	500	-	0.00%
531130 - Wholesale Water Purch	3,303,321	3,206,285	3,206,285	677,860	(2,528,425)	-78.86%
531300 - Engin/Consultant Svc	1,170	50,000	50,000	249,000	199,000	398.00%
531310 - Special Studies & Rpts	199,062	185,000	185,000	-	(185,000)	-100.00%
531800 - Rent or Lease Payment	-	1,000	1,000	1,000	-	0.00%
531900 - Travel and Training	2,415	3,700	3,700	3,700	-	0.00%
532100 - Vehicle Maint	8,650	1,000	1,000	1,000	-	0.00%
532110 - Veh Maint by Solid Waste	1,957	2,000	2,000	2,000	-	0.00%
532200 - Equipment Maintenance	61,609	110,000	110,000	104,000	(6,000)	-5.45%
532210 - Special Maintenance	-	5,000	5,000	120,000	115,000	2300.00%
532230 - Facilities Maintenance	165,975	15,000	15,000	10,000	(5,000)	-33.33%
532240 - Nature Center	207,800	218,000	218,000	218,000	-	0.00%
532900 - Electrical Sys Maint	166,006	99,000	186,710	38,100	(60,900)	-61.52%
533000 - Other Services	1,515	401,500	401,500	401,500	-	0.00%
533020 - Contract Labor	100,000	150,000	150,000	150,000	-	0.00%
533030 - Contractual Safety Serv	65	-	-	-	-	0.00%
533900 - Permits, Ins, & Lic Fees	161	-	-	-	-	0.00%
534000 - Uninsured losses	1,330	-	-	-	-	0.00%
534200 - Plant Security Services	23,330	12,000	21,420	5,000	(7,000)	-58.33%
Shared Services	1,772,231	1,936,515	1,936,515	1,093,515	(843,000)	-43.53%
Services Total	\$ 7,897,759	\$ 8,821,625	\$ 8,918,755	\$ 3,317,980	\$ (5,503,645)	-62.39%
Capital Outlay						
540300 - Vehicle Equipment	\$ -	\$ 165,500	\$ 165,500	\$ -	\$ (165,500)	-100.00%
540700 - Non-Vehicle Equipment	175,145	215,000	215,000	-	(215,000)	-100.00%
Capital Outlay Total	\$ 175,145	\$ 380,500	\$ 380,500	\$ -	\$ (380,500)	-100.00%
Grand Total	\$ 8,707,434	\$ 9,900,020	\$ 10,009,905	\$ 4,078,095	\$ (5,821,925)	-58.81%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$5,821,925 from the FY22 Original Budget. Major variances are explained below:

- Electric Power decreased due to moving Main Stem Pump Station to its own department and the electric costs associated with it
- Wholesale Water Purchases decreased for FY23
- Shared Services decreased for FY23
- Capital Outlay decreased as a result of no new need for additional expenses for FY23

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.

FY2023 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.
- Treatment plant operations meets and/or exceeds water quality goals and regulatory standards.
- 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.

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.
- Maximize conveyance system reliability.

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.

Major Budget Drivers

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

Position Summary

Bonham WTP			
Full-Time Positions	FY22	FY23	Difference
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	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
Personnel						
510000 - Wages	\$ 562,348	\$ 654,525	\$ 628,825	\$ 726,815	\$ 72,290	11.04%
511060 - Overtime	100,129	85,000	85,000	85,000	-	0.00%
512000 - Social Security	47,189	50,070	49,685	55,605	5,535	11.05%
513000 - Workers' Comp Ins	20,181	18,545	17,715	20,590	2,045	11.03%
513020 - Hospitalization Ins	158,334	175,155	181,555	200,155	25,000	14.27%
513040 - Dental Ins	8,814	8,680	8,445	9,425	745	8.58%
513060 - Life Ins	1,564	1,600	1,540	1,795	195	12.19%
514000 - Retirement	74,985	83,235	83,235	101,270	18,035	21.67%
514010 - Retiree - Insurance	45,025	26,730	26,730	33,105	6,375	23.85%
514020 - Comp Absences-vacation	12,285	-	-	-	-	0.00%
514030 - Comp Absences-sick	30,110	-	-	6,770	6,770	0.00%
515000 - Cell Phone Stipend	3,080	3,360	2,680	2,880	(480)	-14.29%
Personnel Total	\$ 1,064,045	\$ 1,106,900	\$ 1,085,410	\$ 1,243,410	\$ 136,510	12.33%
Supplies						
520100 - Office Supplies	\$ 3,385	\$ 550	\$ 550	\$ 200	\$ (350)	-63.64%
520110 - Computer Supplies	1,396	2,365	2,365	2,800	435	18.39%
520300 - Clothing Supplies	5,430	5,800	5,800	5,800	-	0.00%
520600 - Fuel, Oil and Lube	4,040	2,800	3,300	5,330	2,530	90.36%
520700 - Machine Oil & Lube	532	5,500	5,500	500	(5,000)	-90.91%
520800 - Small Tools & Equip	546	700	700	700	-	0.00%
520900 - Janitorial Supplies	401	-	-	-	-	0.00%
521000 - Laboratory Supplies	13,211	22,700	22,700	19,840	(2,860)	-12.60%
521110 - Safety Supplies	5,989	6,655	6,655	7,780	1,125	16.90%
521200 - Chem - Other	31,843	17,645	36,790	23,130	5,485	31.09%
521201 - Chem - Lime	49,185	49,160	53,340	66,540	17,380	35.35%
521202 - Chem - Ferric Sulfate	96,214	101,555	100,920	130,130	28,575	28.14%
521203 - Chem - Chlorine	41,327	41,900	50,080	65,790	23,890	57.02%
521204 - Chem - Ammonia	3,315	5,020	6,680	7,590	2,570	51.20%
521205 - Chem - Fluoride	-	3,255	2,920	3,640	385	11.83%
521207 - Chem - Pot Permanegate	3,366	-	-	-	-	0.00%
521209 - Chem - Polymers	8,684	8,685	6,580	8,350	(335)	-3.86%
521216 - Chem - Sodium Chlorite	18,161	24,965	20,180	23,550	(1,415)	-5.67%
521218 - Chem - Liquid Oxygen	19,612	15,065	16,550	18,840	3,775	25.06%
521400 - Electrical Supplies	25,488	32,000	32,000	32,000	-	0.00%
521500 - Mechanical Supplies	14,695	159,600	159,600	386,000	226,400	141.85%
521600 - Pipeline Supplies	1,825	150	150	150	-	0.00%
521700 - Building Supplies	13,712	1,100	1,100	2,300	1,200	109.09%
521900 - Vehicle Supplies	2,626	450	450	450	-	0.00%
521910 - Tires and Tubes	1	500	500	500	-	0.00%
522000 - Equipment Supplies	11,862	31,300	31,300	2,800	(28,500)	-91.05%
522200 - Road Maintenance Supplies	568	100	100	-	(100)	-100.00%
523000 - Other Supplies	499	1,400	1,400	-	(1,400)	-100.00%
Supplies Total	\$ 377,914	\$ 540,920	\$ 568,210	\$ 814,710	\$ 273,790	50.62%

Expense Detail (continued)

Bonham WTP	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
Services						
530300 - Automotive Insurance	\$ 1,733	\$ 2,750	\$ 2,750	\$ 1,755	\$ (995)	-36.18%
530400 - Fire & Exten Cov Ins	13,380	17,135	17,135	19,840	2,705	15.79%
531000 - Telephone	4,001	3,500	3,500	4,080	580	16.57%
531020 - Internet Service	2,471	2,000	2,000	3,195	1,195	59.75%
531100 - Electric Power	408,338	74,900	89,900	82,510	7,610	10.16%
531300 - Engin/Consultant Svc	-	-	49,185	-	-	0.00%
531700 - Advertising	392	-	-	-	-	0.00%
531800 - Rent or Lease Payment	7,237	1,000	1,000	1,000	-	0.00%
531900 - Travel and Training	4,577	3,500	3,500	3,500	-	0.00%
532000 - Mem & Subscriptions	364	570	570	435	(135)	-23.68%
532100 - Vehicle Maint	185	-	-	-	-	0.00%
532110 - Veh Maint by Solid Waste	1,250	510	510	400	(110)	-21.57%
532200 - Equipment Maintenance	30,142	23,000	49,000	58,720	35,720	155.30%
532210 - Special Maintenance	979	3,000	3,000	6,000	3,000	100.00%
532800 - Grounds Maintenance	-	10,640	10,640	9,120	(1,520)	-14.29%
532900 - Electrical Sys Maint	22,535	33,000	33,000	25,000	(8,000)	-24.24%
533000 - Other Services	129,510	94,040	164,040	15,240	(78,800)	-83.79%
533030 - Contractual Safety Serv	595	4,000	4,000	900	(3,100)	-77.50%
533500 - Lab Svc - Contract	11,518	13,800	13,800	15,670	1,870	13.55%
533630 - Landfill Service Fees	715	-	-	-	-	0.00%
533900 - Permits, Ins, & Lic Fees	1,448	2,100	2,100	1,950	(150)	-7.14%
534000 - Uninsured losses	392	-	-	-	-	0.00%
Shared Services	794,426	755,960	755,960	847,320	91,360	12.09%
Services Total	\$ 1,436,187	\$ 1,045,405	\$ 1,205,590	\$ 1,096,635	\$ 51,230	4.90%
Capital Outlay						
540200 - Building	\$ -	\$ -	\$ 23,900	\$ -	-	0.00%
540300 - Vehicle Equipment	35,998	10,500	16,500	48,280	37,780	359.81%
Capital Outlay Total	\$ 35,998	\$ 10,500	\$ 40,400	\$ 48,280	\$ 37,780	359.81%
Grand Total	\$ 2,914,143	\$ 2,703,725	\$ 2,899,610	\$ 3,203,035	\$ 499,310	18.47%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$499,310 from the FY22 Original Budget. Major variances are explained below:

- Mechanical Supplies increased due to replacement of flocculator and repairs to the basin
- Personnel increased as a result of higher wages, insurance and retirement costs
- Chemicals increased due to rising costs
- Shared Services allocation increased for FY23

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 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.

FY2023 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.
- Work on continuing the partnerships with agencies within 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 work spaces 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	FY22	FY23	Difference
Administrative Technician	1.0	1.0	-
Bois d'Arc Lake Crew Leader	1.0	2.0	1.0
Bois d'Arc Lake Operations Manager	1.0	1.0	-
Bois d'Arc Lake Operator II	3.0	4.0	1.0
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	8.0	11.0	3.0

Expense Detail

Bois d'Arc Lake Department	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
Personnel						
510000 - Wages	\$ 219,889	\$ 545,920	\$ 477,025	\$ 785,730	\$ 239,810	43.93%
511060 - Overtime	374	65,000	65,000	80,000	15,000	23.08%
512000 - Social Security	16,187	41,765	36,240	59,535	17,770	42.55%
513000 - Workers' Comp Ins	1,323	10,350	4,740	10,625	275	2.66%
513020 - Hospitalization Ins	23,631	80,020	56,915	132,780	52,760	65.93%
513040 - Dental Ins	2,904	4,725	5,500	8,570	3,845	81.38%
513060 - Life Ins	548	1,350	1,145	1,930	580	42.96%
514000 - Retirement	25,765	68,170	68,170	112,210	44,040	64.60%
514010 - Retiree - Insurance	61,130	21,890	21,890	36,680	14,790	67.57%
514020 - Comp Absences-vacation	-	-	-	13,750	13,750	0.00%
515000 - Cell Phone Stipend	1,480	2,400	2,960	4,800	2,400	100.00%
Personnel Total	\$ 353,231	\$ 841,590	\$ 739,585	\$ 1,246,610	\$ 405,020	48.13%
Supplies						
520100 - Office Supplies	\$ 16,117	\$ 12,395	\$ 12,395	\$ 6,225	\$ (6,170)	-49.78%
520110 - Computer Supplies	57,804	83,275	46,395	15,045	(68,230)	-81.93%
520200 - Xerox Supplies	4,786	1,000	1,405	1,000	-	0.00%
520300 - Clothing Supplies	2,203	3,320	4,720	5,080	1,760	53.01%
520600 - Fuel, Oil and Lube	9,580	25,000	17,000	53,250	28,250	113.00%
520630 - Toll Fees	18	-	-	200	200	0.00%
520700 - Machine Oil & Lube	245	3,000	3,000	3,500	500	16.67%
520800 - Small Tools & Equip	20,019	37,050	37,050	5,000	(32,050)	-86.50%
520820 - Expendable Supplies	-	-	-	3,000	3,000	0.00%
520900 - Janitorial Supplies	2,209	1,300	2,300	5,300	4,000	307.69%
521110 - Safety Supplies	65,986	59,805	59,805	21,400	(38,405)	-64.22%
521300 - Botanical Supplies	728	5,000	5,000	5,000	-	0.00%
521400 - Electrical Supplies	-	5,000	5,000	10,000	5,000	100.00%
521500 - Mechanical Supplies	-	5,000	5,000	10,000	5,000	100.00%
521600 - Pipeline Supplies	68	-	-	-	-	0.00%
521700 - Building Supplies	3,886	16,200	15,115	5,000	(11,200)	-69.14%
521900 - Vehicle Supplies	30,187	4,930	6,430	4,700	(230)	-4.67%

Expense Detail (continued)

Bois d'Arc Lake Department	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 (continued)						
521910 - Tires and Tubes	\$ 588	\$ 10,000	\$ 5,000	\$ 5,000	\$ (5,000)	-50.00%
522200 - Road Maintenance Supplies	-	33,000	33,000	33,000	-	0.00%
Supplies Total	\$ 214,425	\$ 305,275	\$ 258,615	\$ 191,700	\$ (113,575)	-37.20%
Services						
530300 - Automotive Insurance	\$ 2,118	\$ 2,250	\$ 8,750	\$ 13,435	\$ 11,185	497.11%
530400 - Fire & Exten Cov Ins	-	200,000	-	28,500	(171,500)	-85.75%
530900 - General Liability Ins	-	100,000	100,000	100,000	-	0.00%
531000 - Telephone	-	10,800	10,800	-	(10,800)	-100.00%
531020 - Internet Service	443	33,300	33,300	51,960	18,660	56.04%
531100 - Electric Power	-	32,600	22,600	50,000	17,400	53.37%
531120 - Retail Water Service	-	9,600	3,600	9,600	-	0.00%
531300 - Engin/Consultant Svc	267,734	660,000	628,885	1,205,000	545,000	82.58%
531400 - Legal Service	-	50,000	20,000	35,000	(15,000)	-30.00%
531600 - Printing & Binding	-	-	-	6,700	6,700	0.00%
531700 - Advertising	864	7,500	7,500	7,500	-	0.00%
531800 - Rent or Lease Payment	-	8,770	8,770	8,770	-	0.00%
531900 - Travel and Training	1,374	16,980	16,980	10,000	(6,980)	-41.11%
532000 - Mem & Subscriptions	330	705	705	990	285	40.43%
532100 - Vehicle Maint	706	4,550	4,550	3,300	(1,250)	-27.47%
532110 - Veh Maint by Solid Waste	624	2,500	2,500	2,500	-	0.00%
532200 - Equipment Maintenance	-	21,500	21,500	56,700	35,200	163.72%
532210 - Special Maintenance	-	500	500	500	-	0.00%
532230 - Facilities Maintenance	-	6,700	6,700	26,900	20,200	301.49%
532300 - Postage	382	750	750	750	-	0.00%
532400 - Office Equip Maint	-	1,000	-	-	(1,000)	-100.00%
532600 - Lake Maintenance	27,000	25,000	88,000	110,000	85,000	340.00%
532800 - Grounds Maintenance	270	35,000	35,000	13,820	(21,180)	-60.51%
532850 - Building Maintenance	-	12,000	12,000	52,000	40,000	333.33%
533000 - Other Services	516,992	301,500	301,500	309,500	8,000	2.65%
533020 - Contract Labor	392,831	63,260	63,260	106,960	43,700	69.08%
533030 - Contractual Safety Serv	-	-	1,310	-	-	0.00%
534000 - Uninsured losses	1,000	-	-	-	-	0.00%
Shared Services	3,004,362	1,805,145	1,821,145	1,751,130	(54,015)	-2.99%
Services Total	\$ 4,217,030	\$ 3,411,910	\$ 3,220,605	\$ 3,961,515	\$ 549,605	16.11%
Capital Outlay						
540200 - Building	\$ -	\$ -	\$ 23,085	\$ -	\$ -	0.00%
540700 - Non-Vehicle Equipment	-	50,000	50,000	-	(50,000)	-100.00%
Capital Outlay Total	\$ -	\$ 50,000	\$ 73,085	\$ -	\$ (50,000)	-100.00%
Grand Total	\$ 4,784,685	\$ 4,608,775	\$ 4,291,890	\$ 5,399,825	\$ 791,050	17.16%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$791,050 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs and the addition of three new FTEs
- Engineering/Consultant Services increased for the handover of the new facilities, permit requirements, monitoring contract and dam safety contract
- Shared Services decreased for FY23

Leonard Water Treatment Plant

Overview

The Leonard WTP is a 70 MGD plant (ultimate build-out to 280 MGD) that will be commissioned in 2022. Raw water will be 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 will be 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.

FY2023 Department Objectives (Supporting Strategic Goals)

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

- Continue providing operational input into design and construction activities through startup and commissioning of the plant.
- Develop and implement a proactive Leonard WTP asset management program.
- Coordinate on the development of effective standard operating procedures (SOPs) and operations and maintenance manuals for the plant.

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

- Onboard initial plant staff and begin training on NTMWD treatment processes.
- Develop risk management and emergency response plans as appropriate for the facility and develop adequate SOPs and training materials for staff.

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

- Cultivate partnerships with surrounding local emergency planning committees on emergency action planning.

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
- Electric Power
- Chemicals

Position Summary

Leonard WTP			
Full-Time Positions	FY22	FY23	Difference
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	15.0	-

* Title change per FY22 Compensation Study

Expense Detail

Leonard WTP	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
Personnel						
510000 - Wages	\$ 295,755	\$ 845,165	\$ 705,210	\$ 955,615	\$ 110,450	13.07%
511060 - Overtime	39,747	140,000	140,000	147,000	7,000	5.00%
512000 - Social Security	24,492	64,655	55,515	73,110	8,455	13.08%
513000 - Workers' Comp Ins	9,520	23,945	19,210	27,080	3,135	13.09%
513020 - Hospitalization Ins	57,409	146,425	121,635	178,085	31,660	21.62%
513040 - Dental Ins	2,417	5,170	4,680	6,625	1,455	28.14%
513060 - Life Ins	771	2,040	1,665	2,370	330	16.18%
514000 - Retirement	77,796	106,295	106,295	133,395	27,100	25.50%
514010 - Retiree - Insurance	154,761	34,130	34,130	43,605	9,475	27.76%
514020 - Comp Absences-vacation	-	895	895	12,335	11,440	1278.21%
514030 - Comp Absences-sick	-	-	-	41,690	41,690	0.00%
515000 - Cell Phone Stipend	2,360	5,760	4,080	6,720	960	16.67%
Personnel Total	\$ 665,029	\$ 1,374,480	\$ 1,193,315	\$ 1,627,630	\$ 253,150	18.42%
Supplies						
520100 - Office Supplies	\$ 1,737	\$ 7,000	\$ 7,000	\$ 2,000	\$ (5,000)	-71.43%
520110 - Computer Supplies	14,473	2,065	2,065	2,615	550	26.63%
520200 - Xerox Supplies	1,093	1,500	1,500	720	(780)	-52.00%
520300 - Clothing Supplies	4,620	8,500	8,500	10,100	1,600	18.82%
520600 - Fuel, Oil and Lube	2,035	3,670	5,670	10,550	6,880	187.47%
520630 - Toll Fees	117	-	-	-	-	0.00%
520700 - Machine Oil & Lube	-	8,000	8,000	8,000	-	0.00%
520800 - Small Tools & Equip	25,111	10,555	10,555	3,080	(7,475)	-70.82%
521000 - Laboratory Supplies	1,484	32,960	32,960	74,515	41,555	126.08%
521110 - Safety Supplies	65,372	14,635	14,635	12,020	(2,615)	-17.87%
521200 - Chem - Other	-	294,945	50,000	922,560	627,615	212.79%
521201 - Chem - Lime	-	274,395	-	157,060	(117,335)	-42.76%
521202 - Chem - Ferric Sulfate	-	1,738,745	113,745	5,492,810	3,754,065	215.91%
521203 - Chem - Chlorine	-	418,230	118,230	1,641,940	1,223,710	292.59%
521204 - Chem - Ammonia	-	80,730	14,730	426,910	346,180	428.81%
521205 - Chem - Fluoride	-	47,220	7,220	116,150	68,930	145.98%
521209 - Chem - Polymers	-	198,055	30,000	372,670	174,615	88.16%
521214 - Chem - Caustic	-	1,117,695	167,695	3,107,740	1,990,045	178.05%
521216 - Chem - Sodium Chlorite	-	342,760	43,000	667,040	324,280	94.61%
521218 - Chem - Liquid Oxygen	-	130,520	25,020	379,470	248,950	190.74%
521400 - Electrical Supplies	-	31,000	31,000	31,000	-	0.00%
521500 - Mechanical Supplies	7,445	30,150	30,150	30,150	-	0.00%
521700 - Building Supplies	-	1,000	1,000	1,000	-	0.00%
521900 - Vehicle Supplies	1,503	1,500	1,500	1,500	-	0.00%
521910 - Tires and Tubes	-	685	685	685	-	0.00%
522000 - Equipment Supplies	2,998	34,000	34,000	48,000	14,000	41.18%
Supplies Total	\$ 127,988	\$ 4,830,515	\$ 758,860	\$ 13,520,285	\$ 8,689,770	179.89%

Expense Detail (continued)

Leonard Water Treatment	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
Services						
530300 - Automotive Insurance	\$ 5,156	\$ 9,180	\$ 9,180	\$ 7,485	\$ (1,695)	-18.46%
530400 - Fire & Exten Cov Ins	-	200,000	-	140,915	(59,085)	-29.54%
530900 - General Liability Ins	-	100,000	100,000	100,000	-	0.00%
531000 - Telephone	-	505	505	505	-	0.00%
531020 - Internet Service	253	7,680	7,680	6,720	(960)	-12.50%
531100 - Electric Power	-	1,720,500	970,500	2,900,000	1,179,500	68.56%
531600 - Printing & Binding	-	500	500	-	(500)	-100.00%
531700 - Advertising	-	950	950	-	(950)	-100.00%
531800 - Rent or Lease Payment	-	7,200	7,200	8,640	1,440	20.00%
531900 - Travel and Training	1,678	7,500	7,500	6,200	(1,300)	-17.33%
532000 - Mem & Subscriptions	-	1,120	1,120	610	(510)	-45.54%
532100 - Vehicle Maint	68	920	920	-	(920)	-100.00%
532110 - Veh Maint by Solid Waste	1,004	1,000	1,000	1,500	500	50.00%
532200 - Equipment Maintenance	-	143,000	44,620	143,000	-	0.00%
532210 - Special Maintenance	42,500	5,000	47,500	5,000	-	0.00%
532230 - Facilities Maintenance	-	10,000	10,000	26,100	16,100	161.00%
532300 - Postage	-	150	150	150	-	0.00%
532800 - Grounds Maintenance	-	50,000	50,000	50,000	-	0.00%
533000 - Other Services	30,000	34,800	34,800	34,800	-	0.00%
533030 - Contractual Safety Serv	799	16,500	16,500	18,000	1,500	9.09%
533500 - Lab Svc - Contract	-	12,400	12,400	32,475	20,075	161.90%
533900 - Permits, Ins, & Lic Fees	22,366	34,500	34,500	34,500	-	0.00%
Shared Services	2,856,819	4,901,975	4,901,975	6,410,655	1,508,680	30.78%
Services Total	\$ 2,960,644	\$ 7,265,380	\$ 6,259,500	\$ 9,927,255	\$ 2,661,875	36.64%
Capital Outlay						
540300 - Vehicle Equipment	\$ 143,991	\$ 60,000	\$ 60,000	\$ 28,000	\$ (32,000)	-53.33%
Capital Outlay Total	\$ 143,991	\$ 60,000	\$ 60,000	\$ 28,000	\$ (32,000)	-53.33%
Grand Total	\$ 3,897,651	\$ 13,530,375	\$ 8,271,675	\$ 25,103,170	\$ 11,572,795	85.53%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$11,572,795 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher wages and insurance costs
- Chemicals increased due to rising costs
- Electrical Power increased based on higher energy costs and demand
- Shared Services increased for FY23

Transmission System

Overview

The Transmission System Department is responsible for all matters pertaining to treated water transmission 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. Transmission 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.

FY2023 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

Transmission System Department			
Full-Time Positions	FY22	FY23	Difference
Assistant Water System Manager - Transmission	1.0	1.0	-
Lead Transmission System Operator	2.0	2.0	-
Professional Engineer	1.0	1.0	-
Transmission System Operator II	2.0	5.0	3.0
Total Full-Time Positions	6.0	9.0	3.0

Expense Detail

Transmission System Department	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
Personnel						
510000 - Wages	\$ 274,090	\$ 491,235	\$ 491,450	\$ 707,665	\$ 216,430	44.06%
511060 - Overtime	32,567	48,000	48,000	48,000	-	0.00%
512000 - Social Security	22,200	37,465	38,010	53,850	16,385	43.73%
513000 - Workers' Comp Ins	7,287	6,750	6,685	12,350	5,600	82.96%
513020 - Hospitalization Ins	72,118	107,350	108,870	147,265	39,915	37.18%
513040 - Dental Ins	4,348	5,625	5,395	6,755	1,130	20.09%
513060 - Life Ins	734	1,165	1,150	1,720	555	47.64%
514000 - Retirement	35,930	28,075	28,075	99,800	71,725	255.48%
514010 - Retiree - Insurance	6,264	9,015	9,015	32,625	23,610	261.90%
514020 - Comp Absences-vacation	1,545	5,050	5,050	17,355	12,305	243.66%
515000 - Cell Phone Stipend	2,240	2,880	2,640	4,320	1,440	50.00%
Personnel Total	\$ 459,324	\$ 742,610	\$ 744,340	\$ 1,131,705	\$ 389,095	52.40%
Supplies						
520100 - Office Supplies	\$ 1,260	\$ 2,285	\$ 2,285	\$ 6,175	\$ 3,890	170.24%
520110 - Computer Supplies	9,132	12,655	12,655	42,340	29,685	234.57%
520300 - Clothing Supplies	3,484	3,600	3,600	12,130	8,530	236.94%
520600 - Fuel, Oil and Lube	13,388	13,200	21,200	26,810	13,610	103.11%
520630 - Toll Fees	17	150	150	150	-	0.00%
520700 - Machine Oil & Lube	-	-	-	3,500	3,500	0.00%
520800 - Small Tools & Equip	38,390	36,400	71,400	65,955	29,555	81.20%
521000 - Laboratory Supplies	5,470	6,630	6,630	90,215	83,585	1260.71%
521110 - Safety Supplies	12,767	29,550	31,735	49,035	19,485	65.94%
521218 - Chem - Liquid Oxygen	-	-	-	198,000	198,000	0.00%
521400 - Electrical Supplies	1,174	10,000	10,000	49,800	39,800	398.00%
521500 - Mechanical Supplies	2,195	-	-	1,000	1,000	0.00%
521600 - Pipeline Supplies	48,306	197,175	197,175	278,640	81,465	41.32%
521700 - Building Supplies	5,213	7,500	7,500	10,220	2,720	36.27%

Expense Detail (continued)

Transmission System Department	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 (continued)						
521910 - Tires and Tubes	\$ 1,880	\$ 2,185	\$ 2,185	\$ 4,835	\$ 2,650	121.28%
522000 - Equipment Supplies	10,652	28,075	28,075	57,290	29,215	104.06%
Supplies Total	\$ 153,326	\$ 349,405	\$ 394,590	\$ 896,095	\$ 546,690	156.46%
Services						
530300 - Automotive Insurance	\$ 1,228	\$ 1,050	\$ 1,050	\$ 4,460	\$ 3,410	324.76%
531020 - Internet Service	47,682	65,700	65,700	80,220	14,520	22.10%
531100 - Electric Power	13,307,797	7,905,000	7,905,000	13,071,595	5,166,595	65.36%
531300 - Engin/Consultant Svc	807,811	935,000	656,545	595,000	(340,000)	-36.36%
531400 - Legal Service	-	15,000	15,000	15,000	-	0.00%
531700 - Advertising	340	150	150	150	-	0.00%
531800 - Rent or Lease Payment	127	-	-	-	-	0.00%
531900 - Travel and Training	1,401	4,900	4,900	4,900	-	0.00%
532000 - Mem & Subscriptions	455	660	660	705	45	6.82%
532100 - Vehicle Maint	4,741	4,000	4,000	9,380	5,380	134.50%
532110 - Veh Maint by Solid Waste	2,192	1,995	1,995	5,180	3,185	159.65%
532200 - Equipment Maintenance	-	176,000	176,000	104,000	(72,000)	-40.91%
532210 - Special Maintenance	25,400	9,830	19,830	13,320	3,490	35.50%
532220 - Pipeline Maintenance	151,048	242,240	242,240	315,600	73,360	30.28%
532230 - Facilities Maintenance	-	-	-	90,400	90,400	0.00%
532700 - Radio Maintenance	-	25,000	25,000	26,955	1,955	7.82%
532800 - Grounds Maintenance	4,015	34,040	34,040	34,275	235	0.69%
532900 - Electrical Sys Maint	7,392	-	-	70,200	70,200	0.00%
533010 - Texoma O & M Cost	194,479	481,165	331,165	462,615	(18,550)	-3.86%
533030 - Contractual Safety Serv	-	-	-	4,500	4,500	0.00%
533900 - Permits, Ins, & Lic Fees	664	5,000	5,000	700	(4,300)	-86.00%
534000 - Uninsured losses	2,119,539	-	186,940	-	-	0.00%
Shared Services	5,371,696	3,712,450	3,712,450	4,718,455	1,006,005	27.10%
Services Total	\$22,048,006	\$13,619,180	\$13,387,665	\$19,627,610	\$ 6,008,430	44.12%
Capital Outlay						
540300 - Vehicle Equipment	\$ 57,874	\$ 60,000	\$ 60,000	\$ 144,830	\$ 84,830	141.38%
540500 - Machinery	29,375	-	-	883,500	883,500	0.00%
Capital Outlay Total	\$ 87,250	\$ 60,000	\$ 60,000	\$ 1,028,330	\$ 968,330	1613.88%
Grand Total	\$22,754,222	\$15,109,460	\$14,799,860	\$23,058,145	\$ 7,948,685	52.61%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$7,948,685 from the FY22 Original Budget. Major variances are explained below:

- Electrical Power increased based on higher energy costs and demand
- Personnel increased due to higher Wages, Insurance, Retirement costs and the addition of 3 new FTEs
- Pipeline Supplies increased for 84" pipeline closure section for stock
- Facilities Maintenance increased as a result of waterproofing and roof repairs as well as pump maintenance
- Shared Services increased as a result of reallocation of services for FY23

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.

FY2022 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	0.00%
520700 - Machine Oil & Lube	-	-	-	2,000	2,000	0.00%
521400 - Electrical Supplies	-	-	-	9,250	9,250	0.00%
521500 - Mechanical Supplies	-	-	-	10,000	10,000	0.00%
521600 - Pipeline Supplies	-	-	-	167,520	167,520	0.00%
521700 - Building Supplies	-	-	-	500	500	0.00%
522000 - Equipment Supplies	-	-	-	1,450	1,450	0.00%
522200 - Road Maintenance Supplies	-	-	-	10,000	10,000	0.00%
Supplies Total	\$ -	\$ -	\$ -	\$ 202,220	\$ 202,220	0.00%
Services						
530400 - Fire & Exten Cov Ins	\$ -	\$ -	\$ -	\$ 68,000	\$ 68,000	0.00%
531000 - Telephone	-	-	-	900	900	0.00%
531020 - Internet Service	-	-	-	1,020	1,020	0.00%
531100 - Electric Power	-	-	-	288,000	288,000	0.00%
531130 - Wholesale Water Purch	-	-	-	2,661,425	2,661,425	0.00%
532200 - Equipment Maintenance	-	-	-	66,000	66,000	0.00%
532210 - Special Maintenance	-	-	-	57,500	57,500	0.00%
532220 - Pipeline Maintenance	-	-	-	18,000	18,000	0.00%
532230 - Facilities Maintenance	-	-	-	17,500	17,500	0.00%
532800 - Grounds Maintenance	-	-	-	30,000	30,000	0.00%
532900 - Electrical Sys Maint	-	-	-	24,000	24,000	0.00%
533030 - Contractual Safety Serv	-	-	-	3,000	3,000	0.00%
534200 - Plant Security Services	-	-	-	4,000	4,000	0.00%
Shared Services	-	-	-	877,135	877,135	0.00%
Services Total	\$ -	\$ -	\$ -	\$ 4,116,480	\$ 4,116,480	0.00%
Grand Total	\$ -	\$ -	\$ -	\$ 4,318,700	\$ 4,318,700	0.00%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$4,318,700 from the FY22 Original Budget. Major variances are explained below:

- New department within RWS for FY23

Expense Detail

RWS Escrow, CIF & DS	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
Contingency Fund	\$ -	\$ 1,200,000	\$ -	\$ 4,000,000	\$ 2,800,000	233.33%
Capital Imp Fund	\$ 36,200,000	\$ 15,000,000	\$ 15,000,000	\$ 19,100,000	\$ 4,100,000	27.33%
Debt Service						
Bonds:						
Current (P&I)	\$ 191,544,400	\$ 184,600,100	\$ 184,957,258	\$ 199,321,564	\$ 14,721,464	7.97%
New (P&I)	-	3,926,859	-	-	(3,926,859)	-100.00%
ECP	-	750,000	50,000	1,500,000	750,000	100.00%
Total	\$191,544,400	\$ 189,276,959	\$ 185,007,258	\$200,821,564	\$ 11,544,605	6.10%
Other						
Reserve Fund Interest Tfr	\$ (8,680,700)	\$ -	\$ -	\$ -	\$ -	0.00%
I&S Fund Interest	(822,363)	-	-	-	-	0.00%
Fund Balance Change	(1,116,037)	1,111,141	4,680,842	(2,134,664)	(3,245,805)	-292.11%
Tfrs from Construction	-	-	-	(2,045,000)	(2,045,000)	0.00%
Total	\$ (10,619,100)	\$ 1,111,141	\$ 4,680,842	\$ (4,179,664)	\$ (5,290,805)	-476.16%
Transfer to I&S Fund	\$180,925,300	\$ 190,388,100	\$ 189,688,100	\$196,641,900	\$ 6,253,800	3.28%
Bond Service Fees	\$ 29,945	\$ 35,470	\$ 35,470	\$ 35,470	\$ -	0.00%
ECP Fees	611,611	121,750	121,750	79,500	(42,250)	-34.70%
Total	\$ 641,556	\$ 157,220	\$ 157,220	\$ 114,970	\$ (42,250)	-26.87%
Notes						
Chapman - City of Cooper	\$ 52,474	\$ 52,475	\$ 52,475	\$ 52,475	\$ -	0.00%
Chapman - Corps	140,681	-	-	-	-	0.00%
Lavon	259,529	-	-	-	-	0.00%
Total	\$ 452,685	\$ 52,475	\$ 52,475	\$ 52,475	\$ -	0.00%
Total Debt Service	\$182,019,541	\$ 190,597,795	\$ 189,897,795	\$196,809,345	\$ 6,211,550	3.26%
Total Escrow, CIF & DS	\$218,219,541	\$ 206,797,795	\$ 204,897,795	\$219,909,345	\$ 13,111,550	6.34%

Wylie Raw Water Pump Station



REGIONAL WASTEWATER SYSTEM

FY23 FAST BUDGET FACTS

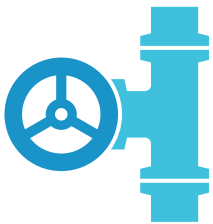
WASTEWATER SERVICES

COMMUNITIES SERVED

259
EMPLOYEES

\$389
MILLION

In regional
wastewater,
conveyance & sewer
system **construction**
contracts



44.1
BILLION

estimated gallons of
wastewater flows

226
MILES

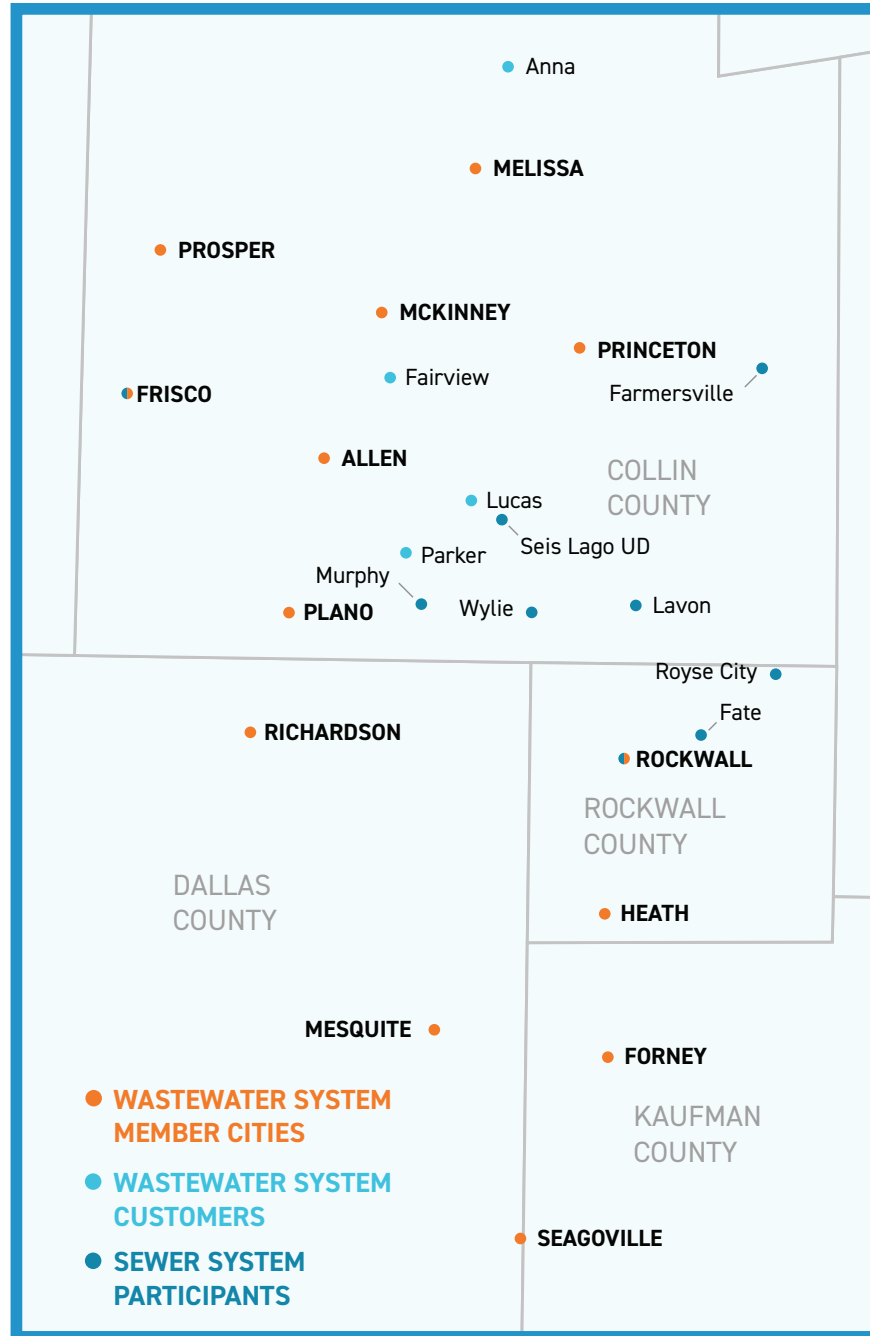
large-diameter
wastewater
pipelines

179.5* MGD
(MILLION GALLONS/DAY)

average annual
wastewater
treatment capacity

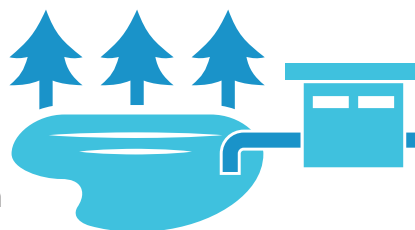


14*
WASTEWATER
treatment plants



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 estimated completion 3Q FY24.

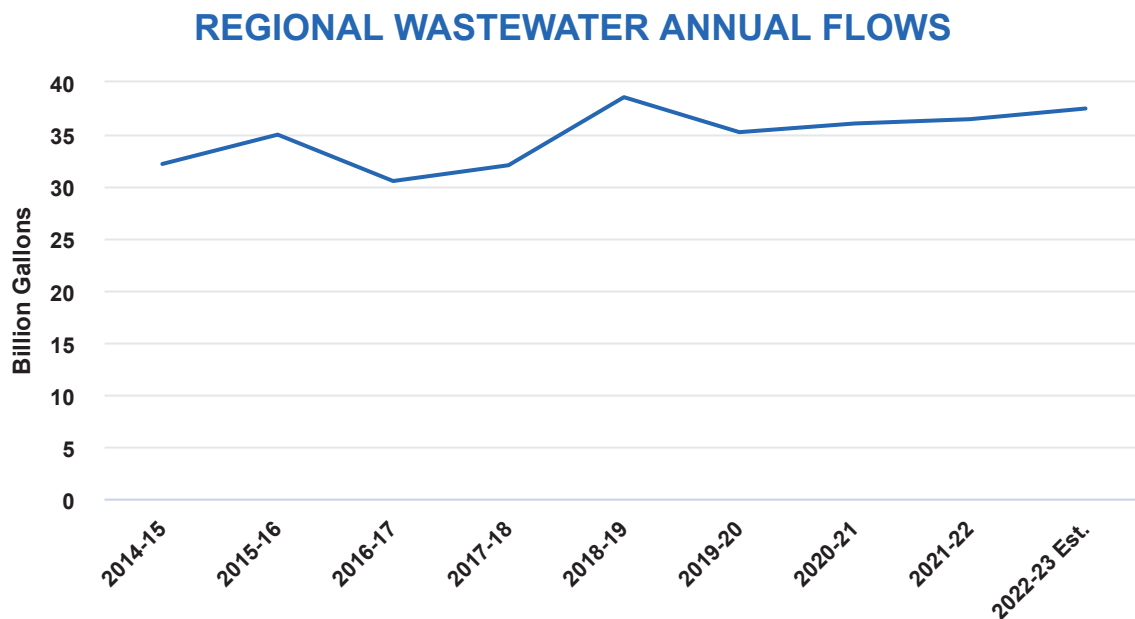
Future Sister Grove RWWRF



Regional Wastewater System

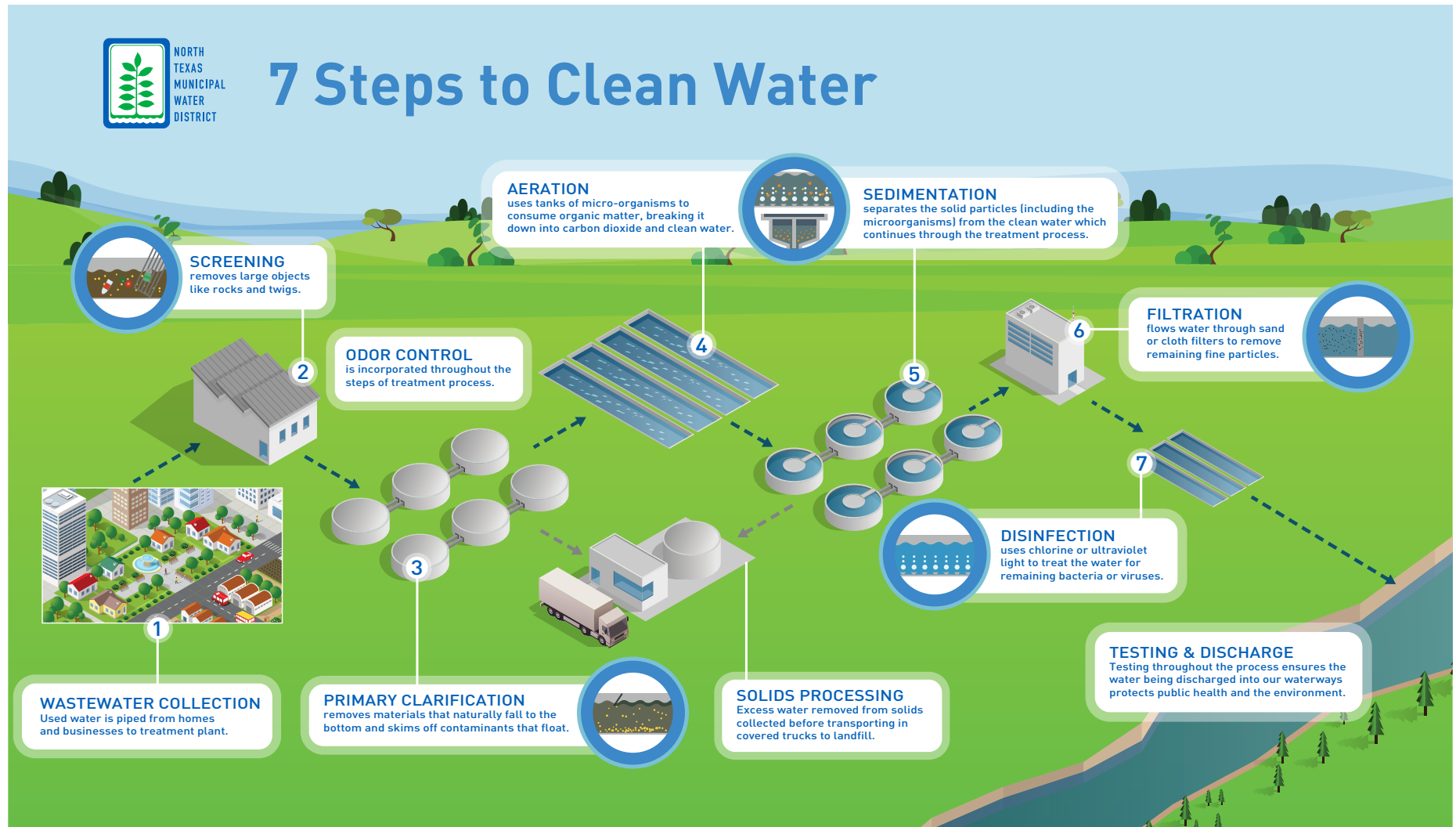
The Regional Wastewater System (RWWS) provides proper wastewater management in full accordance with both state and federal regulations. The wastewater treatment facilities provide the equally important other half of the District's water equation which is essential to protecting the public health, protecting 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 (RWWTP). Wastewater conveyance (interceptors) systems transport wastewater to these treatment plants through more than 226 miles of large-diameter wastewater pipelines. The plants process and treat up to 179.5 MGD of wastewater. In FY21, 36.1 billion gallons of wastewater were billed for treatment by the Regional Wastewater System.



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 our waterways to blend with larger water supply sources as well as be used for irrigation and to sustain aquatic life.



Revenues and Expenditures

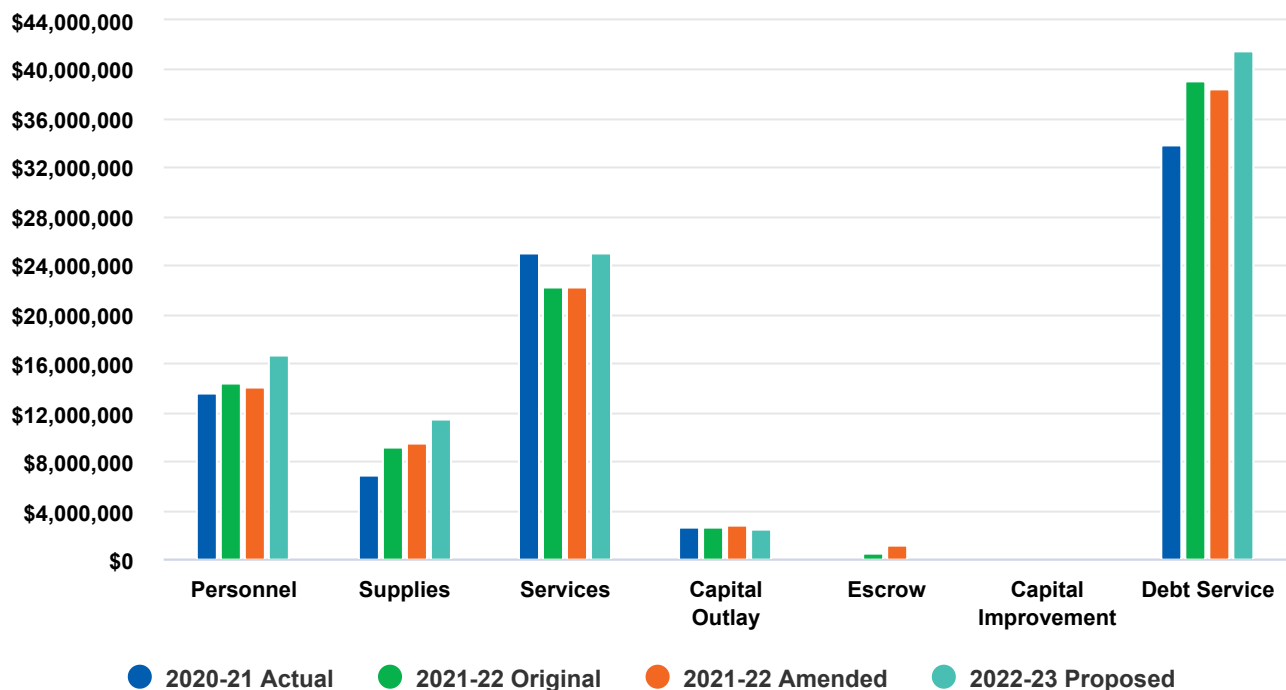
	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues	\$ 81,977,804	\$ 88,100,745	\$ 88,031,610	\$ 97,359,870	\$ 9,259,125	10.51%
Expenditures						
Personnel	\$ 13,555,639	\$ 14,429,145	\$ 14,105,010	\$ 16,746,445	\$ 2,317,300	16.06%
Supplies	6,799,449	9,189,295	9,438,305	11,432,545	2,243,250	24.41%
Services	25,104,076	22,255,260	22,167,830	25,067,190	2,811,930	12.63%
Capital Outlay	2,614,252	2,668,175	2,761,595	2,491,205	(176,970)	-6.63%
Escrow	-	443,000	1,178,350	-	(443,000)	-100.00%
Debt Service	33,904,387	39,115,870	38,380,520	41,622,485	2,506,615	6.41%
Total	\$ 81,977,804	\$ 88,100,745	\$ 88,031,610	\$ 97,359,870	\$ 9,259,125	10.51%

The FY22 Amended Budget for expenditures and revenues totals \$88,031,610, which is \$69,135 or 0.08% less than the FY22 Original Budget of \$88,100,745.

For the FY23 Annual Budget, the total RWWS expenditures are \$97,359,870 which is \$9,259,125 or 10.51% greater than the FY22 Original Budget. Major budget variances are explained below:

- Increase in Personnel of \$2,317,300 due to the higher insurance and retirement costs. Wages increased due to the addition of sixteen new positions for the Sister Grove Regional Water Resource Recovery Facility.
- Increase in Supplies of \$2,243,250 primarily due to higher chemical contract bids that can be attributed to supply chain issues and increased global demand
- Increase in Services of \$2,811,930 due to higher Shared Services allocation and the increased cost for Electric Power
- Decrease in Escrow of (\$443,000) due to lower transfers to maintenance funds
- Increase in Debt Service of \$2,506,615 for the financing of \$118 million in bonds and ECP

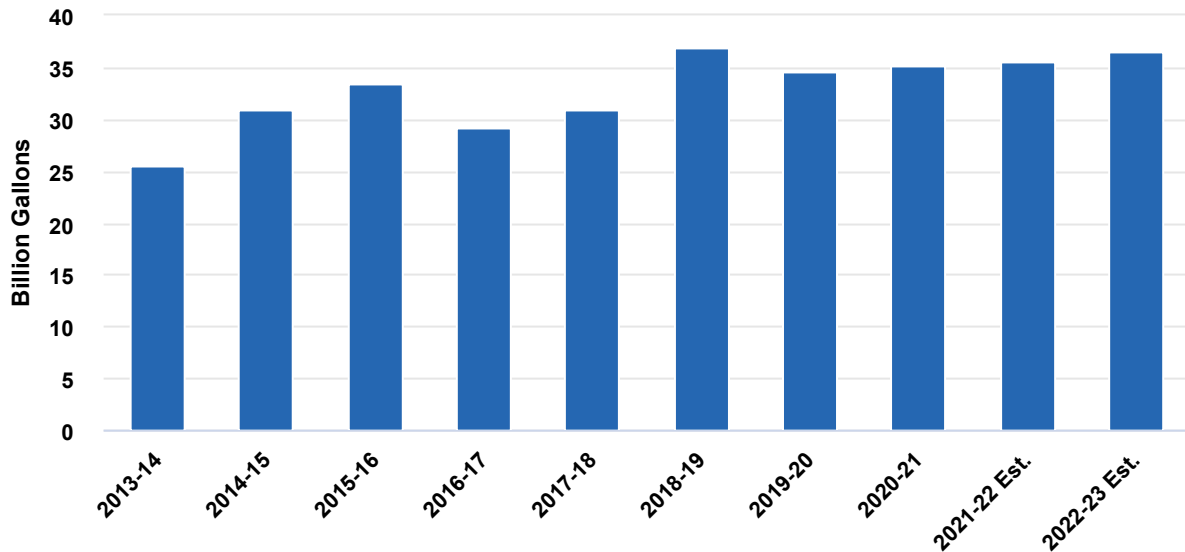
RWWS EXPENDITURES



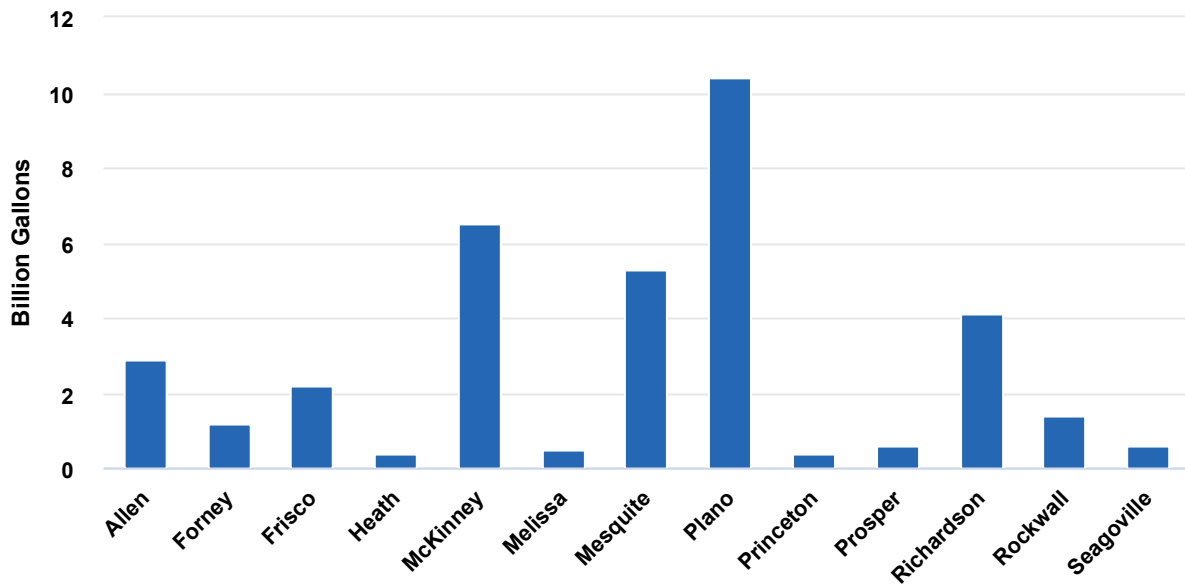
Regional Wastewater System Flows

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 FY22 budget were 35.6 billion gallons. Annual Member City flows for FY23 are estimated to be 36.6 billion gallons.

REGIONAL WASTEWATER MEMBER CITY FLOWS



PROPOSED BUDGET ESTIMATED FLOWS BY MEMBER CITIES



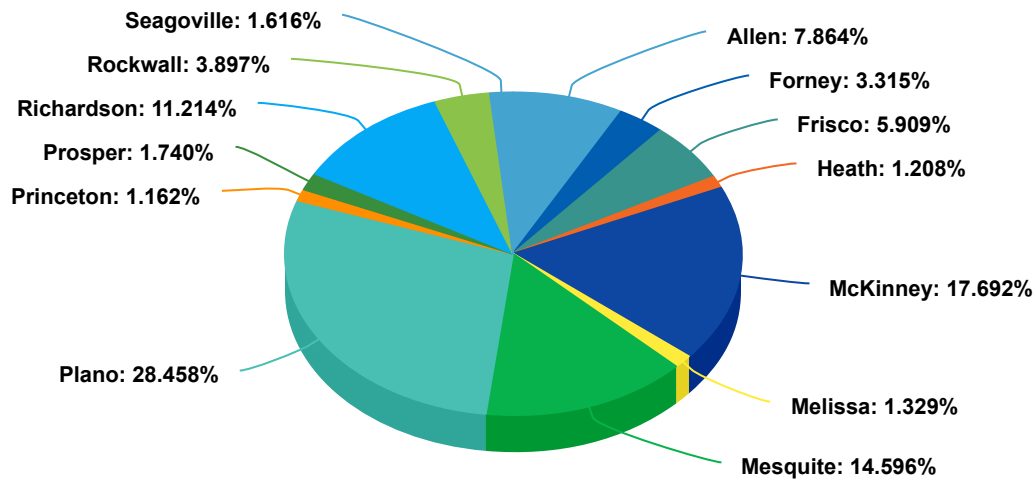
Member City flows are the greater of actuals or required minimums.

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 FY23 Budget is presented below:

PROPOSED BUDGET MEMBER CITY COST ALLOCATION



The total charges to be allocated to the Member Cities for FY23 are \$93,893,665 after deducting interest and other revenue in the estimated amount of \$3,466,205 from the proposed budget of \$97,359,870.

	2020-21	2021-22	2021-22	2022-23
City	Actual	Original Budget	Amended Budget	Proposed Budget
Allen	\$ 6,694,614	\$ 7,608,627	\$ 6,676,953	\$ 7,383,567
Forney	2,804,697	4,032,122	2,814,750	3,112,631
Frisco	3,956,209	4,607,307	5,017,491	5,548,487
Heath	1,529,941	1,547,390	1,025,400	1,133,917
McKinney	13,660,496	15,194,696	15,021,984	16,611,742
Melissa	845,640	871,459	1,128,826	1,248,288
Mesquite	10,361,189	10,487,888	12,393,161	13,704,714
Plano	22,222,625	24,616,882	24,163,060	26,720,207
Princeton	865,145	779,250	986,547	1,090,952
Prosper	1,248,502	1,482,887	1,477,417	1,633,770
Richardson	8,835,924	9,877,615	9,521,912	10,529,602
Rockwall	2,653,994	2,942,421	3,308,710	3,658,867
Seagoville	1,291,992	1,403,551	1,410,934	1,516,921
Total	\$ 76,970,969	\$ 85,452,095	\$ 84,947,145	\$ 93,893,665
Flows (1,000)	35,226,936	36,000,000	35,600,000	36,600,000
Member Cost per 1,000	\$ 2.19	\$ 2.37	\$ 2.39	\$ 2.57

RWWS Fund Balances**Capital Improvement Fund
9/30/22****Projected Balance:**

07/31/22	Fund Balance	\$	3,475,977
	Remaining Payments to be made on Authorized Projects		(459,227)
	Remaining Budgeted Transfers from Operating Fund		-
09/30/22	Balance Available for Future Projects		3,016,750
	Balance Transfers from Operating Fund		-
	Expected Projects		-
	Interest Income		1,810
09/30/23	Balance Available for Future Projects	\$	3,018,560

**Reserve for Maintenance Fund
9/30/22****Projected Balance:**

09/30/22	Expected Fund Balance	\$	1,541,719
	Balance Transfers from Operating Fund		-
	Expected Projects		-
	Interest Income		925
09/30/23	Balance Available for Future Projects	\$	1,542,644

**Preventative Maintenance Escrow
9/30/22****Projected Balance:**

09/30/22	Expected Fund Balance	\$	457,417
	Balance Transfers from Operating Fund		-
	Expected Projects		-
	Interest Income		274
09/30/23	Balance Available for Future Projects	\$	457,691

Regional Wastewater Treatment Plants (RWWTP)

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

Due to unprecedented 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 and projected to be operational in 2024.

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. In order to serve the growing population in the area, the goal is to have the facility operational by fiscal year 2024.

FY2023 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 RWRFF			
Full-Time Positions	FY22	FY23	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	3.00	7.00	4.00
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	5.0	21.0	16.00

Expense Detail

Sister Grove RWRFF	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
Personnel						
510000 - Wages	\$ -	\$ 290,690	\$ 235,320	\$ 1,218,725	\$ 928,035	319.25%
511060 - Overtime	-	10,000	10,000	10,000	-	0.00%
512000 - Social Security	-	22,230	18,045	93,245	71,015	319.46%
513000 - Workers' Comp Ins	-	6,240	4,580	25,620	19,380	310.58%
513020 - Hospitalization Ins	-	46,345	36,430	210,940	164,595	355.15%
513040 - Dental Ins	-	1,350	1,345	6,860	5,510	408.15%
513060 - Life Ins	-	775	565	3,140	2,365	305.16%
514000 - Retirement	-	61,625	61,625	172,230	110,605	179.48%
514010 - Retiree - Insurance	-	19,790	19,790	56,300	36,510	184.49%
515000 - Cell Phone Stipend	-	2,400	1,800	10,080	7,680	320.00%
Personnel Total	\$ -	\$ 461,445	\$ 389,500	\$ 1,807,140	\$ 1,345,695	291.63%
Supplies						
520100 - Office Supplies	\$ -	\$ 2,505	\$ 1,305	\$ 31,500	\$ 28,995	1157.49%
520110 - Computer Supplies	-	29,050	15,050	49,120	20,070	69.09%
520200 - Xerox Supplies	-	500	500	-	(500)	-100.00%
520300 - Clothing Supplies	-	8,070	8,070	15,510	7,440	92.19%
520600 - Fuel, Oil and Lube	-	1,360	1,360	2,095	735	54.04%
520610 - Generator Fuel	-	-	-	5,000	5,000	0.00%
520630 - Toll Fees	-	250	250	250	-	0.00%
520800 - Small Tools & Equip	-	1,000	1,000	69,750	68,750	6875.00%
520810 - Fire Extinguishers	-	100	100	100	-	0.00%
520900 - Janitorial Supplies	-	1,000	-	1,000	-	0.00%
521000 - Laboratory Supplies	-	-	-	6,500	6,500	0.00%
521100 - Medical Supplies	-	150	150	150	-	0.00%
521110 - Safety Supplies	-	14,220	8,220	29,375	15,155	106.58%
521900 - Vehicle Supplies	-	2,350	350	3,250	900	38.30%
521910 - Tires and Tubes	-	1,400	400	1,400	-	0.00%
523000 - Other Supplies	-	1,000	1,000	12,500	11,500	1150.00%
Supplies Total	\$ -	\$ 62,955	\$ 37,755	\$ 227,500	\$ 164,545	261.37%

Expense Detail (continued)

Sister Grove RWRRF	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
Services						
530300 - Automotive Insurance	\$ -	\$ 390	\$ 390	\$ 3,035	\$ 2,645	678.21%
530400 - Fire & Exten Cov Ins	-	68,960	-	75,285	6,325	9.17%
530900 - General Liability Ins	-	77,365	77,365	33,350	(44,015)	-56.89%
531020 - Internet Service	-	1,980	1,980	1,980	-	0.00%
531100 - Electric Power	-	-	-	4,000	4,000	0.00%
531120 - Retail Water Service	-	-	-	1,000	1,000	0.00%
531300 - Engin/Consultant Svc	-	10,000	3,140	10,000	-	0.00%
531310 - Special Studies & Rpts	-	10,000	10,000	10,000	-	0.00%
531400 - Legal Service	-	5,500	5,500	20,000	14,500	263.64%
531700 - Advertising	-	500	500	15,300	14,800	2960.00%
531800 - Rent or Lease Payment	-	-	-	30,500	30,500	0.00%
531900 - Travel and Training	-	20,780	15,780	10,590	(10,190)	-49.04%
532000 - Mem & Subscriptions	-	105	105	105	-	0.00%
532100 - Vehicle Maint	-	1,000	500	1,000	-	0.00%
532110 - Veh Maint by Solid Waste	-	-	500	-	-	0.00%
532800 - Grounds Maintenance	-	-	6,860	15,000	15,000	0.00%
533000 - Other Services	-	2,500	2,500	12,500	10,000	400.00%
533900 - Permits, Ins, & Lic Fees	-	27,140	27,140	27,140	-	0.00%
Shared Services	-	387,730	387,330	959,670	571,940	147.51%
Services Total	\$ -	\$ 613,950	\$ 539,590	\$ 1,230,455	\$ 616,505	100.42%
Capital Outlay						
540300 - Vehicle Equipment	\$ -	\$ 54,000	\$ 54,000	\$ 464,405	\$ 410,405	760.01%
540700 - Non-Vehicle Equipment	-	-	-	60,000	60,000	0.00%
Capital Outlay Total	\$ -	\$ 54,000	\$ 54,000	\$ 524,405	\$ 470,405	871.12%
Grand Total	\$ -	\$ 1,192,350	\$ 1,020,845	\$ 3,789,500	\$ 2,597,150	217.82%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$2,597,150 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to the addition of 16 new FTEs
- Supplies increased overall due to the facility becoming operational
- Shared Services allocation increased for FY23
- Vehicle Equipment increased to purchase 2 new roll off trucks, one telehandler, one truck and a mechanic cart

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.

FY2023 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	FY22	FY23	Difference
Assistant Deputy (Wastewater)	1.00	1.00	-
Assistant Regional Wastewater System Manager	1.00	1.00	-
Information Systems Assistant	2.00	2.00	-
Lead Maintenance Technician	1.00	1.00	-
Lead Transport Driver	1.00	1.00	-
Lead Wastewater Plant Operator	5.00	5.00	-
Maintenance Planner Scheduler	1.00	1.00	-
Mechanic's Assistant	3.00	3.00	-
Operations Trainer **	-	0.50	0.50
Operations Training & Development Manager **	1.00	0.50	(0.50)
Professional Engineer	1.00	1.00	-
Transport Driver	12.00	11.00	(1.00)
Wastewater Maintenance Supervisor *	1.00	1.00	-
Wastewater Mechanic	3.00	3.00	-
Wastewater Plant Operator II	19.00	19.00	-
Wastewater Plant Operator III	10.00	10.00	-
Wastewater Plant Supervisor I *	1.00	1.00	-
Wastewater Plant Supervisor II *	1.00	1.00	-
Wastewater Plant Supervisor III	1.00	1.00	-
Wastewater Project Coordinator	1.00	1.00	-
Total Full-Time Positions	66.00	65.00	(1.00)

* Title change per FY22 Compensation Study

** Repurposed per new Water/Wastewater Shared Operations Services Group

Expense Detail

Wilson Creek RWWTP	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
Personnel						
510000 - Wages	\$ 3,773,708	\$ 3,975,655	\$ 3,736,140	\$ 4,282,005	\$ 306,350	7.71%
511060 - Overtime	542,617	400,000	500,000	400,000	-	0.00%
512000 - Social Security	317,338	304,130	297,830	327,565	23,435	7.71%
513000 - Workers' Comp Ins	87,906	72,570	69,585	78,975	6,405	8.83%
513020 - Hospitalization Ins	925,699	950,205	937,355	1,011,135	60,930	6.41%
513040 - Dental Ins	47,436	43,645	41,465	44,585	940	2.15%
513060 - Life Ins	10,072	9,685	9,110	10,535	850	8.78%
514000 - Retirement	533,060	608,910	608,910	597,180	(11,730)	-1.93%
514010 - Retiree - Insurance	232,010	195,525	195,525	195,215	(310)	-0.16%
514020 - Comp Absences-vacation	7,230	41,350	41,350	40,330	(1,020)	-2.47%
514030 - Comp Absences-sick	-	-	-	16,010	16,010	0.00%
515000 - Cell Phone Stipend	31,600	29,150	23,995	28,190	(960)	-3.29%
Personnel Total	\$ 6,508,675	\$ 6,630,825	\$ 6,461,265	\$ 7,031,725	\$ 400,900	6.05%

Expense Detail (continued)

Wilson Creek RWWTP	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						
520100 - Office Supplies	\$ 7,326	\$ 11,755	\$ 11,755	\$ 7,100	\$ (4,655)	-39.60%
520110 - Computer Supplies	26,018	40,650	51,325	34,975	(5,675)	-13.96%
520200 - Xerox Supplies	5,645	10,710	9,710	-	(10,710)	-100.00%
520300 - Clothing Supplies	25,337	30,295	30,295	32,695	2,400	7.92%
520600 - Fuel, Oil and Lube	225,955	260,005	260,005	425,115	165,110	63.50%
520610 - Generator Fuel	7,851	48,100	48,100	88,400	40,300	83.78%
520630 - Toll Fees	10,208	7,155	11,605	14,555	7,400	103.42%
520700 - Machine Oil & Lube	20,360	33,850	33,850	22,675	(11,175)	-33.01%
520800 - Small Tools & Equip	47,063	40,430	40,430	49,730	9,300	23.00%
520810 - Fire Extinguishers	812	500	500	750	250	50.00%
520900 - Janitorial Supplies	7,832	10,000	10,000	10,000	-	0.00%
521000 - Laboratory Supplies	19,615	42,055	27,715	33,845	(8,210)	-19.52%
521100 - Medical Supplies	2,034	5,240	5,240	5,240	-	0.00%
521110 - Safety Supplies	95,106	58,480	58,480	57,265	(1,215)	-2.08%
521200 - Chem - Other	51,902	444,970	434,970	92,400	(352,570)	-79.23%
521203 - Chem - Chlorine	80,818	178,920	178,920	330,480	151,560	84.71%
521208 - Chem - Ferric Chloride	84,551	108,000	208,000	115,000	7,000	6.48%
521209 - Chem - Polymers	953,173	1,041,000	951,000	1,454,850	413,850	39.76%
521210 - Chem - Hypochlorite	38,934	74,550	74,550	105,250	30,700	41.18%
521211 - Chem - Sulfur Dioxide	71,385	92,160	92,160	121,680	29,520	32.03%
521212 - Chem - Liq Ferr Sulfate	245,520	292,875	292,875	475,200	182,325	62.25%
521214 - Chem - Caustic	-	10,125	10,125	3,635	(6,490)	-64.10%
521300 - Botanical Supplies	10,089	15,500	15,500	15,500	-	0.00%
521400 - Electrical Supplies	401,348	583,670	473,995	676,690	93,020	15.94%
521500 - Mechanical Supplies	491,690	485,965	555,965	597,750	111,785	23.00%
521700 - Building Supplies	11,027	13,000	19,700	13,000	-	0.00%
521900 - Vehicle Supplies	109,533	126,530	121,530	126,530	-	0.00%
521910 - Tires and Tubes	66,724	93,665	93,665	89,440	(4,225)	-4.51%
522000 - Equipment Supplies	35,370	82,580	82,580	88,820	6,240	7.56%
522100 - Welding Supplies	4,870	5,000	5,000	6,050	1,050	21.00%
522200 - Road Maint Supplies	-	20,000	5,000	10,000	(10,000)	-50.00%
523000 - Other Supplies	91,756	224,150	167,950	215,605	(8,545)	-3.81%
Supplies Total	\$ 3,249,855	\$ 4,491,885	\$ 4,382,495	\$ 5,320,225	\$ 828,340	18.44%
Services						
530300 - Automotive Insurance	\$ 74,056	\$ 92,325	\$ 92,325	\$ 68,995	\$ (23,330)	-25.27%
530400 - Fire & Exten Cov Ins	53,855	68,960	68,960	83,535	14,575	21.14%
530900 - General Liability Ins	8,923	77,365	77,365	5,670	(71,695)	-92.67%
531000 - Telephone	10,750	6,900	21,900	6,900	-	0.00%
531020 - Internet Service	217,250	100,010	160,010	180,270	80,260	80.25%
531100 - Electric Power	3,990,688	1,150,000	1,558,000	1,482,000	332,000	28.87%
531120 - Retail Water Service	11,762	6,720	6,720	6,720	-	0.00%
531200 - Bank Service Fees	1,678	1,000	3,800	1,000	-	0.00%
531300 - Engin/Consultant Svc	-	132,000	127,000	-	(132,000)	-100.00%
531310 - Special Studies & Rpts	75,670	105,550	130,550	80,000	(25,550)	-24.21%

Expense Detail (continued)

Wilson Creek RWWTP	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
Services (continued)						
531400 - Legal Service	\$ 45,051	\$ 115,000	\$ 85,000	\$ 115,000	\$ -	0.00%
531520 - Employee Programs	-	-	50	-	-	0.00%
531700 - Advertising	1,831	17,800	8,000	300	(17,500)	-98.31%
531800 - Rent or Lease Payment	42,773	45,430	32,430	54,025	8,595	18.92%
531900 - Travel and Training	22,535	55,215	47,675	39,885	(15,330)	-27.76%
532000 - Mem & Subscriptions	23,409	18,915	19,425	19,225	310	1.64%
532100 - Vehicle Maint	24,902	40,000	40,000	40,000	-	0.00%
532110 - Veh Maint by Solid Waste	92,191	95,000	95,000	95,000	-	0.00%
532200 - Equipment Maintenance	216,601	380,500	340,500	398,000	17,500	4.60%
532210 - Special Maintenance	477,659	-	-	-	-	0.00%
532700 - Radio Maintenance	-	-	330	-	-	0.00%
532800 - Grounds Maintenance	18,039	96,695	96,695	74,645	(22,050)	-22.80%
532850 - Building Maintenance	2,108	15,800	15,800	15,800	-	0.00%
532900 - Electrical Sys Maint	102,991	145,000	115,000	145,000	-	0.00%
533000 - Other Services	627,197	993,500	859,470	1,118,900	125,400	12.62%
533030 - Contractual Safety Serv	1,312	13,375	13,375	13,375	-	0.00%
533100 - Administration	39,645	38,555	38,555	77,105	38,550	99.99%
533380 - Odor Control Crew	6,380	35,000	35,000	35,000	-	0.00%
533500 - Lab Svc - Contract	8,709	14,880	14,880	14,880	-	0.00%
533630 - Landfill Service Fees	1,707,054	1,515,180	1,515,180	1,677,800	162,620	10.73%
533900 - Permits, Ins, & Lic Fees	164,918	144,710	129,710	147,000	2,290	1.58%
534000 - Uninsured losses	36,668	-	-	-	-	0.00%
Services Total	\$ 8,106,601	\$ 5,521,385	\$ 5,748,705	\$ 5,996,030	\$ 474,645	8.60%
Capital Outlay						
540200 - Building	\$ -	\$ 330,500	\$ 176,320	\$ 30,000	\$ (300,500)	-90.92%
540300 - Vehicle Equipment	549,188	117,000	596,490	423,500	306,500	261.97%
540500 - Machinery	429,509	350,000	352,180	423,500	73,500	21.00%
540700 - Non-Vehicle Equipment	119,921	133,500	121,640	239,000	105,500	79.03%
Capital Outlay Total	\$ 1,098,618	\$ 931,000	\$ 1,246,630	\$ 1,116,000	\$ 185,000	19.87%
Grand Total	\$22,960,205	\$21,345,930	\$21,559,930	\$23,612,525	\$ 2,266,595	10.62%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$2,266,595 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages and Insurance costs
- Chemicals increased due to rising costs
- Electric Power increased based on forecasted usage and higher costs
- Other Services increased to prep and repaint the piping and all associated equipment in the RAS pump station
- Landfill Service Fees increased due to processing additional hauling expected
- Shared Services allocation increased for FY23
- Non-Vehicle Equipment increased to purchase a shop forklift, replacement sludge containers and replacement chlorine and sulfur dioxide scales

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.

FY2023 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	FY22	FY23	Difference
Lead Wastewater Plant Operator	1.00	1.00	-
Wastewater Coordinator	1.00	1.00	-
Wastewater Plant Operator II	3.00	3.00	-
Wastewater Plant Operator III	2.00	2.00	-
Wastewater Plant Supervisor III	0.20	0.20	-
Total Full-Time Positions	7.20	7.20	-

Expense Detail

Floyd Branch RWWTP	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
Personnel						
510000 - Wages	\$ 516,281	\$ 425,845	\$ 413,740	\$ 472,080	\$ 46,235	10.86%
511060 - Overtime	41,190	25,000	45,000	25,000	-	0.00%
512000 - Social Security	45,563	32,570	33,130	36,105	3,535	10.85%
513000 - Workers' Comp Ins	14,649	7,280	8,120	9,225	1,945	26.72%
513020 - Hospitalization Ins	72,428	66,620	65,080	69,770	3,150	4.73%
513040 - Dental Ins	4,723	4,110	3,510	3,785	(325)	-7.91%
513060 - Life Ins	1,199	1,035	1,005	1,150	115	11.11%
514000 - Retirement	61,675	67,380	67,380	63,950	(3,430)	-5.09%
514010 - Retiree - Insurance	10,756	21,640	21,640	20,905	(735)	-3.40%
514020 - Comp Absences-vacation	4,965	15,935	15,935	-	(15,935)	-100.00%
514030 - Comp Absences-sick	17,000	-	-	1,990	1,990	0.00%
515000 - Cell Phone Stipend	2,080	1,670	1,525	1,660	(10)	-0.60%
Personnel Total	\$ 792,509	\$ 669,085	\$ 676,065	\$ 705,620	\$ 36,535	5.46%
Supplies						
520100 - Office Supplies	\$ 1,876	\$ 2,105	\$ 2,105	\$ 2,105	-	0.00%
520110 - Computer Supplies	6,760	4,900	4,900	2,910	(1,990)	-40.61%
520200 - Xerox Supplies	345	2,255	2,255	-	(2,255)	-100.00%
520300 - Clothing Supplies	2,198	4,200	4,200	4,200	-	0.00%
520600 - Fuel, Oil and Lube	3,746	5,445	5,445	7,905	2,460	45.18%
520610 - Generator Fuel	-	9,920	4,920	19,300	9,380	94.56%
520630 - Toll Fees	93	110	110	110	-	0.00%
520700 - Machine Oil & Lube	802	4,180	1,180	2,290	(1,890)	-45.22%
520800 - Small Tools & Equip	6,155	6,150	3,650	6,150	-	0.00%
520810 - Fire Extinguishers	-	100	100	125	25	25.00%
520900 - Janitorial Supplies	876	900	900	900	-	0.00%
521000 - Laboratory Supplies	4,456	8,490	5,990	6,290	(2,200)	-25.91%
521100 - Medical Supplies	-	500	500	500	-	0.00%
521110 - Safety Supplies	6,539	6,430	6,430	13,760	7,330	114.00%
521200 - Chem - Other	676	10,425	10,425	128,500	118,075	1132.61%
521203 - Chem - Chlorine	3,671	-	-	-	-	0.00%
521209 - Chem - Polymers	14,868	92,715	92,715	125,270	32,555	35.11%
521210 - Chem - Hypochlorite	-	30,960	30,960	46,395	15,435	49.85%
521214 - Chem - Caustic	-	1,690	1,690	2,430	740	43.79%

Expense Detail (continued)

Floyd Branch RWWTP	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 (continued)						
521300 - Botanical Supplies	\$ 298	\$ 1,650	\$ 1,650	\$ 1,650	\$ -	0.00%
521400 - Electrical Supplies	20,011	41,610	42,110	57,280	15,670	37.66%
521500 - Mechanical Supplies	58,856	47,600	22,600	51,100	3,500	7.35%
521700 - Building Supplies	1,823	11,300	13,900	11,800	500	4.42%
521900 - Vehicle Supplies	454	5,015	1,015	5,015	-	0.00%
521910 - Tires and Tubes	1	1,630	1,630	1,630	-	0.00%
522000 - Equipment Supplies	12,337	11,000	6,000	28,500	17,500	159.09%
522100 - Welding Supplies	146	500	500	500	-	0.00%
522200 - Road Maint. Supplies	908	15,000	-	30,000	15,000	100.00%
523000 - Other Supplies	7,730	6,070	6,070	7,375	1,305	21.50%
Supplies Total	\$ 155,624	\$ 332,850	\$ 273,950	\$ 563,990	\$ 231,140	69.44%
Services						
530300 - Automotive Insurance	\$ 1,596	\$ 1,690	\$ 1,690	\$ 1,815	\$ 125	7.40%
530400 - Fire & Exten Cov Ins	5,813	7,445	7,445	8,620	1,175	15.78%
530900 - General Liability Ins	5,263	1,335	1,335	470	(865)	-64.79%
531000 - Telephone	4,482	2,400	5,400	1,200	(1,200)	-50.00%
531020 - Internet Service	47,434	28,960	28,960	28,810	(150)	-0.52%
531100 - Electric Power	450,537	168,930	193,930	190,500	21,570	12.77%
531120 - Retail Water Service	2,095	1,920	1,920	1,920	-	0.00%
531300 - Engin/Consultant Svc	46,630	75,000	75,000	30,000	(45,000)	-60.00%
531310 - Special Studies & Rpts	250	15,000	15,000	20,000	5,000	33.33%
531400 - Legal Service	17,071	15,000	24,000	19,500	4,500	30.00%
531700 - Advertising	331	200	400	6,400	6,200	3100.00%
531800 - Rent or Lease Payment	7,455	10,225	6,225	11,550	1,325	12.96%
531900 - Travel and Training	410	7,670	3,670	3,605	(4,065)	-53.00%
532000 - Mem & Subscriptions	2,504	1,560	1,580	1,585	25	1.60%
532100 - Vehicle Maint	1,282	200	300	200	-	0.00%
532110 - Veh Maint by Solid Waste	1,024	500	500	500	-	0.00%
532200 - Equipment Maintenance	14,731	37,925	17,073	56,990	19,065	50.27%
532800 - Grounds Maintenance	2,886	3,950	7,750	4,440	490	12.41%
532850 - Building Maintenance	1,155	7,280	2,280	1,540	(5,740)	-78.85%
532900 - Electrical Sys Maint	285	18,000	-	18,000	-	0.00%
533000 - Other Services	96,594	83,620	133,620	242,035	158,415	189.45%
533030 - Contractual Safety Serv	-	6,175	3,675	6,175	-	0.00%
533100 - Administration	3,725	3,770	3,770	7,545	3,775	100.13%
533380 - Odor Control Crew	535	5,000	5,000	5,000	-	0.00%
533500 - Lab Svc - Contract	6,338	6,500	6,500	6,500	-	0.00%
533630 - Landfill Service Fees	56,411	53,935	53,935	62,215	8,280	15.35%
533900 - Permits, Ins, & Lic Fees	29,569	32,665	134,665	32,665	-	0.00%
534000 - Uninsured losses	868	-	3,842	-	-	0.00%
Shared Services	395,718	527,085	485,785	827,155	300,070	56.93%
Services Total	\$ 1,202,989	\$ 1,123,940	\$ 1,225,250	\$ 1,596,935	\$ 472,995	42.08%

Expense Detail (continued)

Floyd Branch RWWTP	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
Capital Outlay						
540300 - Vehicle Equipment	\$ -	\$ 10,500	\$ 45,000	\$ 14,000	\$ 3,500	33.33%
540500 - Machinery	243,190	285,000	248,290	164,000	(121,000)	-42.46%
540700 - Non-Vehicle Equipment	-	-	-	24,000	24,000	0.00%
Capital Outlay Total	\$ 243,190	\$ 295,500	\$ 293,290	\$ 202,000	\$ (93,500)	-31.64%
Grand Total	\$ 2,394,312	\$ 2,421,375	\$ 2,468,555	\$ 3,068,545	\$ 647,170	26.73%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$647,170 from the FY22 Original Budget. Major variances are explained below:

- Chemicals increased due to rising costs
- Other Services increased for pavement for the equipment storage building and for a SEP project
- Shared Services allocation increased for FY23
- Machinery decreased due to lower need compared to FY22

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.

FY2023 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	FY22	FY23	Difference
Administrative Technician	1.00	1.00	-
Asset Risk Manager	1.00	1.00	-
Information Systems Assistant	1.00	1.00	-
Lead Maintenance Technician	1.00	1.00	-
Lead Wastewater Plant Operator	4.00	4.00	-
Mechanic's Assistant	1.00	1.00	-
Operations Data Specialist I	1.00	1.00	-
Transport Driver	4.00	4.00	-
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 II *	1.00	1.00	-
Wastewater Plant Supervisor III	0.80	0.80	-
Total Full-Time Positions	29.80	29.80	-

* Title change per FY22 Compensation Study

Expense Detail

Rowlett Creek RWWTP	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
Personnel						
510000 - Wages	\$ 1,600,065	\$ 1,724,060	\$ 1,669,305	\$ 1,881,335	\$ 157,275	9.12%
511060 - Overtime	155,225	120,000	140,000	120,000	-	0.00%
512000 - Social Security	126,667	131,895	130,270	143,920	12,025	9.12%
513000 - Workers' Comp Ins	36,202	32,345	31,205	35,700	3,355	10.37%
513020 - Hospitalization Ins	374,026	398,260	371,580	432,375	34,115	8.57%
513040 - Dental Ins	21,155	18,760	17,985	20,980	2,220	11.83%
513060 - Life Ins	4,305	4,185	4,070	4,630	445	10.63%
514000 - Retirement	214,575	265,380	265,380	262,250	(3,130)	-1.18%
514010 - Retiree - Insurance	70,135	85,215	85,215	85,730	515	0.60%
514020 - Comp Absences-vacation	1,865	-	-	-	-	0.00%
514030 - Comp Absences-sick	5,020	6,860	6,860	11,710	4,850	70.70%
515000 - Cell Phone Stipend	13,160	12,435	11,165	13,380	945	7.60%
Personnel Total	\$ 2,622,400	\$ 2,799,395	\$ 2,733,035	\$ 3,012,010	\$ 212,615	7.60%
Supplies						
520100 - Office Supplies	\$ 3,744	\$ 6,430	\$ 6,430	\$ 4,930	\$ (1,500)	-23.33%
520110 - Computer Supplies	9,980	20,880	15,880	19,225	(1,655)	-7.93%
520200 - Xerox Supplies	3,198	3,985	3,985	-	(3,985)	-100.00%
520300 - Clothing Supplies	15,943	19,725	19,725	18,250	(1,475)	-7.48%
520600 - Fuel, Oil and Lube	83,542	91,215	91,215	156,695	65,480	71.79%
520610 - Generator Fuel	-	28,935	13,935	56,305	27,370	94.59%
520630 - Toll Fees	8	350	350	350	-	0.00%
520700 - Machine Oil & Lube	4,743	17,045	7,045	17,045	-	0.00%
520800 - Small Tools & Equip	66,347	81,250	46,250	9,750	(71,500)	-88.00%
520810 - Fire Extinguishers	-	1,000	1,000	1,000	-	0.00%
520900 - Janitorial Supplies	1,643	2,910	2,910	2,700	(210)	-7.22%

Expense Detail (continued)

Rowlett Creek RWWTP	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 (continued)						
521000 - Laboratory Supplies	\$ 36,384	\$ 28,060	\$ 23,060	\$ 20,535	\$ (7,525)	-26.82%
521100 - Medical Supplies	1,250	1,355	1,355	1,315	(40)	-2.95%
521110 - Safety Supplies	24,362	27,665	20,665	19,500	(8,165)	-29.51%
521200 - Chem - Other	276,659	286,630	556,630	733,985	447,355	156.07%
521203 - Chem - Chlorine	168,664	298,200	328,200	569,160	270,960	90.87%
521206 - Chem - Carbon	-	32,400	32,400	41,400	9,000	27.78%
521209 - Chem - Polymers	177,552	244,000	244,000	387,960	143,960	59.00%
521210 - Chem - Hypochlorite	7,754	41,675	41,675	62,595	20,920	50.20%
521211 - Chem - Sulfur Dioxide	78,915	153,600	123,600	202,800	49,200	32.03%
521212 - Chem - Liq Ferr Sulfate	277,536	340,090	305,090	5,760	(334,330)	-98.31%
521214 - Chem - Caustic	10,234	10,970	10,970	32,705	21,735	198.13%
521300 - Botanical Supplies	368	6,500	6,500	1,500	(5,000)	-76.92%
521400 - Electrical Supplies	108,229	84,460	114,460	76,130	(8,330)	-9.86%
521500 - Mechanical Supplies	151,478	121,350	181,350	181,350	60,000	49.44%
521700 - Building Supplies	35,591	10,000	10,000	10,000	-	0.00%
521900 - Vehicle Supplies	39,509	29,555	60,555	52,555	23,000	77.82%
521910 - Tires and Tubes	10,946	25,355	25,355	25,355	-	0.00%
522000 - Equipment Supplies	10,528	16,250	21,250	16,250	-	0.00%
522100 - Welding Supplies	1,400	4,250	1,250	4,250	-	0.00%
522200 - Road Maint Supplies	-	2,500	-	30,000	27,500	1100.00%
523000 - Other Supplies	76,493	64,800	64,800	65,600	800	1.23%
Supplies Total	\$ 1,682,999	\$ 2,103,390	\$ 2,381,890	\$ 2,826,955	\$ 723,565	34.40%
Services						
530300 - Automotive Insurance	\$ 21,392	\$ 27,855	\$ 27,855	\$ 30,175	\$ 2,320	8.33%
530400 - Fire & Exten Cov Ins	15,232	19,505	19,505	22,585	3,080	15.79%
530900 - General Liability Ins	5,522	11,320	11,320	5,610	(5,710)	-50.44%
531000 - Telephone	1,879	1,800	1,800	1,620	(180)	-10.00%
531020 - Internet Service	49,020	28,700	28,700	24,680	(4,020)	-14.01%
531100 - Electric Power	2,135,182	973,370	1,108,370	1,135,800	162,430	16.69%
531110 - Nat Gas, Butane & Kero	-	720	720	720	-	0.00%
531120 - Retail Water Service	22,656	19,200	29,200	19,200	-	0.00%
531300 - Engin/Consultant Svc	58,576	-	25,000	-	-	0.00%
531310 - Special Studies & Rpts	25,499	33,450	23,450	60,000	26,550	79.37%
531400 - Legal Service	19,344	16,000	21,000	16,500	500	3.13%
531700 - Advertising	1,454	4,600	4,600	300	(4,300)	-93.48%
531800 - Rent or Lease Payment	19,196	273,960	33,940	278,055	4,095	1.49%
531900 - Travel and Training	10,986	34,035	29,035	23,040	(10,995)	-32.30%
532000 - Mem & Subscriptions	8,733	6,615	6,935	6,830	215	3.25%
532100 - Vehicle Maint	11,182	29,155	29,155	29,155	-	0.00%
532110 - Veh Maint by Solid Waste	26,625	25,000	25,000	25,000	-	0.00%
532200 - Equipment Maintenance	15,446	483,450	73,950	201,450	(282,000)	-58.33%

Expense Detail (continued)

Rowlett Creek RWWTP	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
Services (continued)						
532700 - Radio Maintenance	\$ -	\$ 500	\$ 500	\$ 500	\$ -	0.00%
532800 - Grounds Maintenance	7,340	19,010	19,010	32,540	13,530	71.17%
532850 - Building Maintenance	475	69,485	36,090	55,010	(14,475)	-20.83%
532900 - Electrical Sys Maint	1,140	88,420	88,420	88,420	-	0.00%
533000 - Other Services	312,490	84,375	217,770	84,375	-	0.00%
533030 - Contractual Safety Serv	3,374	8,535	8,535	8,535	-	0.00%
533100 - Administration	17,060	16,975	16,975	33,950	16,975	100.00%
533380 - Odor Control Crew	12,993	20,000	20,000	20,000	-	0.00%
533500 - Lab Svc - Contract	6,391	11,170	11,170	11,170	-	0.00%
533630 - Landfill Service Fees	694,482	842,740	842,740	829,500	(13,240)	-1.57%
533900 - Permits, Ins, & Lic Fees	76,477	79,175	79,175	79,175	-	0.00%
534000 - Uninsured losses	8,211	-	-	-	-	0.00%
Shared Services	1,528,563	1,845,355	1,845,355	1,960,780	115,425	6.25%
Services Total	\$ 5,116,920	\$ 5,074,475	\$ 4,685,275	\$ 5,084,675	\$ 10,200	0.20%
Capital Outlay						
540300 - Vehicle Equipment	\$ 242,798	\$ 447,000	\$ 447,000	\$ 14,000	\$ (433,000)	-96.87%
540400 - Office Equipment	-	55,000	-	-	(55,000)	-100.00%
540500 - Machinery	251,970	195,300	115,300	83,800	(111,500)	-57.09%
540700 - Non-Vehicle Equipment	55,032	30,000	25,000	-	(30,000)	-100.00%
Capital Outlay Total	\$ 549,799	\$ 727,300	\$ 587,300	\$ 97,800	\$ (629,500)	-86.55%
Grand Total	\$ 9,972,117	\$10,704,560	\$10,387,500	\$11,021,440	\$ 316,880	2.96%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$316,880 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages and Insurance costs
- An overall increase in chemicals due to rising costs and increased flow projections
- Electric Power increased based on forecasted usage and higher costs
- Shared Services allocation increased for FY23
- Equipment Maintenance decreased based on lower forecast for repairs
- Vehicle Equipment, Office Equipment, Machinery and Non-Vehicle Equipment decreased due to lower need

South Mesquite RWWTP

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.

FY2023 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 RWWTP

Full-Time Positions	FY22	FY23	Difference
Information Systems Assistant	1.00	1.00	-
Lead Maintenance Technician	1.00	1.00	-
Lead Wastewater Plant Operator	4.00	4.00	-
Mechanic's Assistant	2.00	2.00	-
Operations Technical Support Manager **	1.00	0.50	(0.50)
Regional Wastewater System Manager	1.00	1.00	-
Transport Driver	4.00	4.00	-
Wastewater Mechanic	1.00	1.00	-
Wastewater Plant Operator II	13.00	14.00	1.00
Wastewater Plant Operator III	6.00	6.00	-
Wastewater Plant Supervisor I *	1.00	1.00	-
Wastewater Plant Supervisor II *	1.00	1.00	-
Wastewater Plant Supervisor III	1.00	1.00	-
Total Full-Time Positions	37.00	37.50	0.50

* Title change per FY22 Compensation Study

** Repurposed per new Water/Wastewater Shared Operations Services Group

Expense Detail

South Mesquite RWWTP	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
Personnel						
510000 - Wages	\$ 1,974,810	\$ 2,277,570	\$ 2,226,870	\$ 2,507,340	\$ 229,770	10.09%
511060 - Overtime	346,876	300,000	325,000	300,000	-	0.00%
512000 - Social Security	185,233	174,260	177,525	191,800	17,540	10.07%
513000 - Workers' Comp Ins	50,939	42,080	42,800	48,020	5,940	14.12%
513010 - Unemployment Ins	2,038	-	-	-	-	0.00%
513020 - Hospitalization Ins	453,524	534,385	533,655	563,865	29,480	5.52%
513040 - Dental Ins	23,569	24,720	24,635	26,095	1,375	5.56%
513060 - Life Ins	5,090	5,555	5,420	6,185	630	11.34%
514000 - Retirement	321,664	340,095	340,095	353,265	13,170	3.87%
514010 - Retiree - Insurance	146,943	109,205	109,205	115,480	6,275	5.75%
514020 - Comp Absences-vacation	38,285	47,810	47,810	11,955	(35,855)	-74.99%
514030 - Comp Absences-sick	71,405	-	-	50,835	50,835	0.00%
515000 - Cell Phone Stipend	11,680	12,715	12,130	15,110	2,395	18.84%
Personnel Total	\$ 3,632,055	\$ 3,868,395	\$ 3,845,145	\$ 4,189,950	\$ 321,555	8.31%
Supplies						
520100 - Office Supplies	\$ 5,763	\$ 6,720	\$ 6,720	\$ 6,595	\$ (125)	-1.86%
520110 - Computer Supplies	8,145	29,745	30,745	30,320	575	1.93%
520200 - Xerox Supplies	2,501	6,280	6,280	-	(6,280)	-100.00%
520300 - Clothing Supplies	19,953	19,300	19,300	19,270	(30)	-0.16%
520600 - Fuel, Oil and Lube	96,769	94,380	98,380	131,640	37,260	39.48%
520610 - Generator Fuel	-	8,800	4,800	13,600	4,800	54.55%
520630 - Toll Fees	1,528	3,070	3,070	3,070	-	0.00%
520700 - Machine Oil & Lube	11,970	10,080	10,080	10,080	-	0.00%

Expense Detail (continued)

South Mesquite RWWTP	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						
520800 - Small Tools & Equip	\$ 35,834	\$ 46,480	\$ 46,480	\$ 35,505	\$ (10,975)	-23.61%
520810 - Fire Extinguishers	-	500	500	500	-	0.00%
520900 - Janitorial Supplies	4,961	4,500	6,500	4,500	-	0.00%
521000 - Laboratory Supplies	13,631	11,130	23,130	13,325	2,195	19.72%
521100 - Medical Supplies	-	500	500	500	-	0.00%
521110 - Safety Supplies	12,383	19,835	25,835	19,775	(60)	-0.30%
521200 - Chem - Other	149,296	271,100	271,100	250,680	(20,420)	-7.53%
521203 - Chem - Chlorine	8,589	38,520	38,520	69,320	30,800	79.96%
521209 - Chem - Polymers	238,694	344,770	344,770	467,460	122,690	35.59%
521210 - Chem - Hypochlorite	2,940	19,400	19,400	29,040	9,640	49.69%
521214 - Chem - Caustic	-	8,100	8,100	11,630	3,530	43.58%
521215 - Chem - Bioxide	301,168	381,610	392,610	419,605	37,995	9.96%
521300 - Botanical Supplies	1,504	2,000	2,000	2,000	-	0.00%
521400 - Electrical Supplies	269,357	191,100	276,100	243,225	52,125	27.28%
521500 - Mechanical Supplies	306,844	364,650	404,650	326,450	(38,200)	-10.48%
521700 - Building Supplies	1,637	7,500	6,500	7,500	-	0.00%
521900 - Vehicle Supplies	49,003	40,320	40,320	40,320	-	0.00%
521910 - Tires and Tubes	14,930	31,780	31,780	31,780	-	0.00%
522000 - Equipment Supplies	95,652	139,025	139,025	137,025	(2,000)	-1.44%
522100 - Welding Supplies	1,192	2,500	2,500	2,500	-	0.00%
522200 - Road Maint Supplies	8,428	3,000	16,000	3,000	-	0.00%
523000 - Other Supplies	48,301	91,520	86,520	163,660	72,140	78.82%
Supplies Total	\$ 1,710,972	\$ 2,198,215	\$ 2,362,215	\$ 2,493,875	\$ 295,660	13.45%
Services						
530300 - Automotive Insurance	\$ 23,360	\$ 30,810	\$ 30,810	\$ 24,890	\$ (5,920)	-19.21%
530400 - Fire & Exten Cov Ins	35,019	42,890	42,890	58,390	15,500	36.14%
530900 - General Liability Ins	4,155	9,470	9,470	16,605	7,135	75.34%
531000 - Telephone	4,812	4,800	5,800	4,800	-	0.00%
531020 - Internet Service	272,869	92,070	132,070	92,155	85	0.09%
531100 - Electric Power	1,866,052	775,000	960,000	926,300	151,300	19.52%
531120 - Retail Water Service	11,792	7,200	9,200	7,200	-	0.00%
531310 - Special Studies & Rpts	69,216	58,430	50,430	25,000	(33,430)	-57.21%
531400 - Legal Service	18,339	6,500	12,500	16,500	10,000	153.85%
531700 - Advertising	1,379	4,600	2,600	2,300	(2,300)	-50.00%
531800 - Rent or Lease Payment	19,427	17,685	28,885	33,250	15,565	88.01%
531900 - Travel and Training	13,086	66,875	56,875	36,280	(30,595)	-45.75%
532000 - Mem & Subscriptions	13,207	9,400	9,700	9,550	150	1.60%
532100 - Vehicle Maint	40,284	38,805	30,805	38,805	-	0.00%
532110 - Veh Maint by Solid Waste	36,706	30,000	30,000	30,000	-	0.00%
532200 - Equipment Maintenance	235,525	209,900	209,900	310,000	100,100	47.69%
532800 - Grounds Maintenance	26,321	35,000	35,000	35,000	-	0.00%
532850 - Building Maintenance	63,749	160,670	160,670	30,670	(130,000)	-80.91%

Expense Detail (continued)

South Mesquite RWWTP	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
Services (continued)						
532900 - Electrical Sys Maint	\$ (23,479)	\$ 75,000	\$ 110,000	\$ 100,000	\$ 25,000	33.33%
533000 - Other Services	135,560	301,500	276,500	389,000	87,500	29.02%
533020 - Contract Labor	-	12,000	-	12,000	-	0.00%
533030 - Contractual Safety Serv	-	1,295	1,295	1,295	-	0.00%
533100 - Administration	22,260	21,655	21,655	43,305	21,650	99.98%
533380 - Odor Control Crew	1,293	6,000	3,000	6,000	-	0.00%
533500 - Lab Svc - Contract	7,301	11,930	6,930	11,930	-	0.00%
533630 - Landfill Service Fees	1,476,605	1,278,420	1,278,420	1,356,420	78,000	6.10%
533900 - Permits, Ins, & Lic Fees	126,607	135,615	135,615	135,615	-	0.00%
534000 - Uninsured losses	10,356	-	-	-	-	0.00%
Services Total	\$ 4,511,800	\$ 3,443,520	\$ 3,651,020	\$ 3,753,260	\$ 309,740	8.99%
Capital Outlay						
540200 - Building	\$ 143,295	\$ -	\$ -	\$ -	\$ -	0.00%
540300 - Vehicle Equipment	338,871	86,000	86,000	258,000	172,000	200.00%
540400 - Office Equipment	-	10,000	10,000	-	(10,000)	-100.00%
540500 - Machinery	240,480	497,875	422,375	293,000	(204,875)	-41.15%
540700 - Non-Vehicle Equipment	-	60,000	55,500	-	(60,000)	-100.00%
541000 - Laboratory Equipment	-	6,500	6,500	-	(6,500)	-100.00%
Capital Outlay Total	\$ 722,645	\$ 660,375	\$ 580,375	\$ 551,000	\$ (109,375)	-16.56%
Grand Total	\$12,746,782	\$12,877,660	\$13,035,910	\$14,245,375	\$ 1,367,715	10.62%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$1,367,715 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- Chemicals increased due to rising costs
- Electric Power increased based on forecasted usage and higher costs
- Equipment Maintenance increased to inspect and rehabilitate a turbo blower and to rehabilitate the motors for the lift station #1 and #2
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund
- Vehicle Equipment increased to replace roll off truck but it was offset by decreased spending in Machinery

Expense Detail

RWWS Escrow and DS	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
Rsv for Maint Escrow	\$ -	\$ 443,000	\$ 1,178,350	\$ -	\$ (443,000)	-100.00%
Debt Service						
Bonds:						
Current (P&I)	\$ 33,871,720	\$ 35,206,923	\$ 35,206,923	\$ 36,896,622	\$ 1,689,699	4.80%
New (P&I)	253,900	2,511,976	2,511,976	-	(2,511,976)	-100.00%
ECP	-	750,000	750,000	1,500,000	750,000	100.00%
Total	\$ 34,125,620	\$ 38,468,899	\$ 38,468,899	\$ 38,396,622	\$ (72,277)	-0.19%
Other						
Fund Balance Change	\$ 139,190	\$ (206,099)	\$ (206,099)	\$ 3,116,378	\$ 3,322,477	-1612.08%
Total	\$ 139,190	\$ (206,099)	\$ (206,099)	\$ 3,116,378	\$ 3,322,477	-1612.08%
Transfer to I&S Fund	\$ 34,264,810	\$ 38,262,800	\$ 38,262,800	\$ 41,513,000	\$ 3,250,200	8.49%
Notes						
Debt Svc -RWS Note	\$ -	\$ 735,350	\$ -	\$ -	\$ (735,350)	-100.00%
Total	\$ -	\$ 735,350	\$ -	\$ -	\$ (735,350)	-100.00%
Bond Service Fees	\$ 21,170	\$ 28,470	\$ 28,470	\$ 29,985	\$ 1,515	5.32%
ECP Fees	421,717	89,250	89,250	79,500	(9,750)	-10.92%
Total	\$ 442,887	\$ 117,720	\$ 117,720	\$ 109,485	\$ (8,235)	-7.00%
Total Debt Service	\$ 34,707,697	\$ 39,115,870	\$ 38,380,520	\$ 41,622,485	\$ 2,506,615	6.41%
Total Escrow and DS	\$ 34,707,697	\$ 39,558,870	\$ 39,558,870	\$ 41,622,485	\$ 2,063,615	5.22%

Rowlett Creek WWTP



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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 FY21 the UEFIS conveyed approximately 26.6 billion gallons of wastewater for Member Cities and Customers.

Revenues and Expenditures

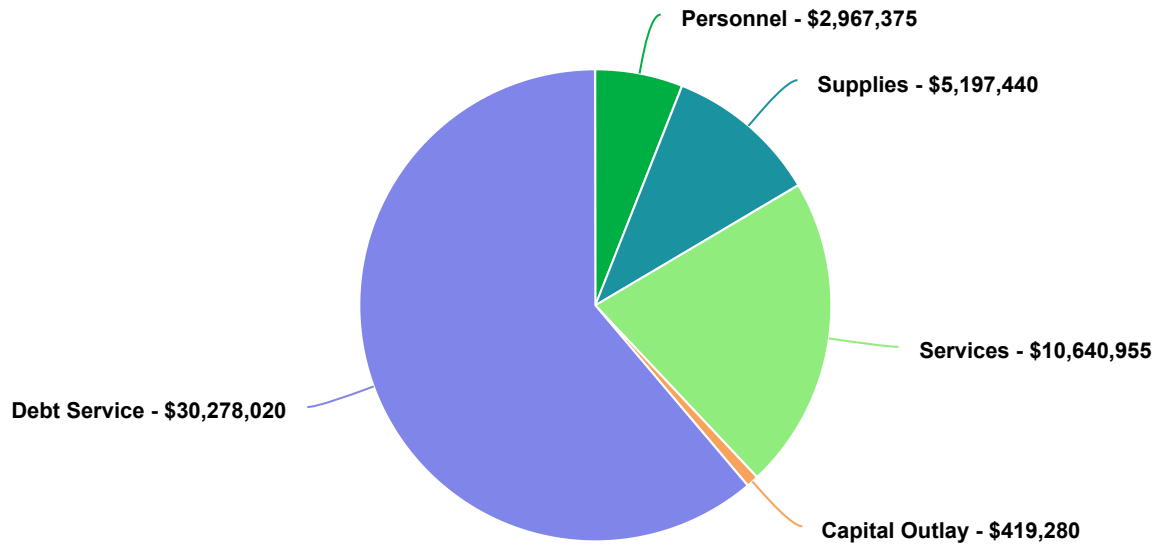
	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues	\$ 38,858,376	\$ 43,722,855	\$ 43,674,195	\$ 49,503,070	\$ 5,780,215	13.22%
Expenditures						
Personnel	\$ 2,223,376	\$ 2,712,110	\$ 2,611,355	\$ 2,967,375	255,265	9.41%
Supplies	3,614,727	4,518,480	4,520,420	5,197,440	678,960	15.03%
Services	8,384,320	9,538,645	9,588,800	10,640,955	1,102,310	11.56%
Capital Outlay	125,731	601,500	601,500	419,280	(182,220)	-30.29%
Debt Service	24,510,222	26,352,120	26,352,120	30,278,020	3,925,900	14.90%
Total	\$ 38,858,376	\$ 43,722,855	\$ 43,674,195	\$ 49,503,070	\$ 5,780,215	13.22%

The FY22 Amended Budget for expenditures and revenues totals \$43,674,195, which is \$48,660 or 0.11% less than the FY22 Original Budget of \$43,722,855.

For the FY23 Annual Budget, the total UEFIS expenditures are \$49,503,070, which is \$5,780,215 or 13.22% greater than the FY22 Original Budget. Major budget variances are explained below:

- Increase in Personnel of \$255,265 for higher wages, insurance and retirement costs
- Increase in Supplies of \$678,960 due to rising chemicals costs
- Increase in Services of \$1,102,310 due to increased Shared Services costs and allocations
- Decrease in Capital Outlay of (\$182,220) due to reductions in vehicle and non-vehicle equipment purchases
- Increase in Debt Service/Capital Improvement of \$3,925,900 for transfers to the Capital Improvement Fund for future capital expenditures as well as increases to debt service from newly issued debt

PROPOSED BUDGETED EXPENDITURES

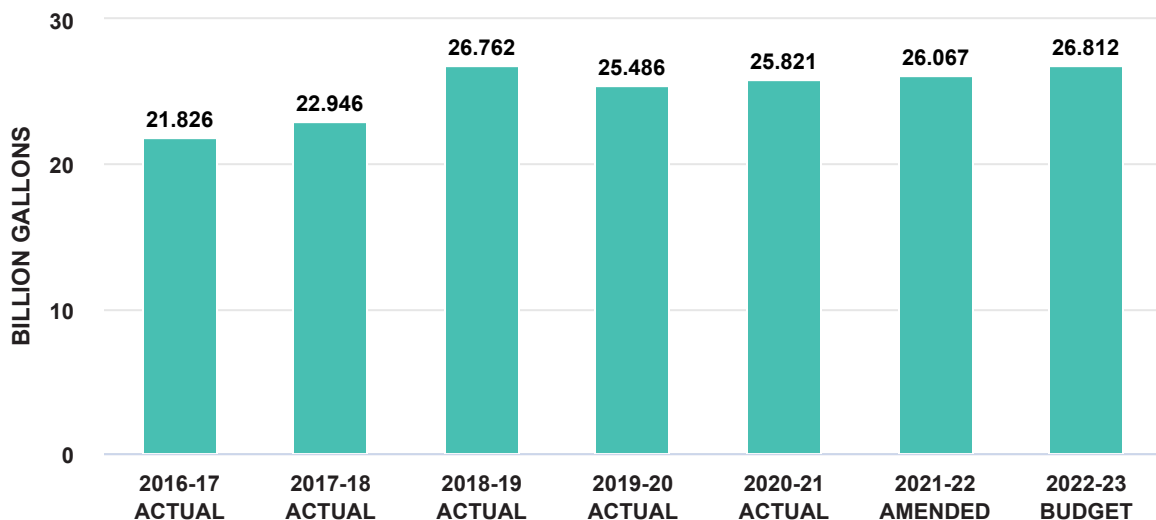


Annual Flows

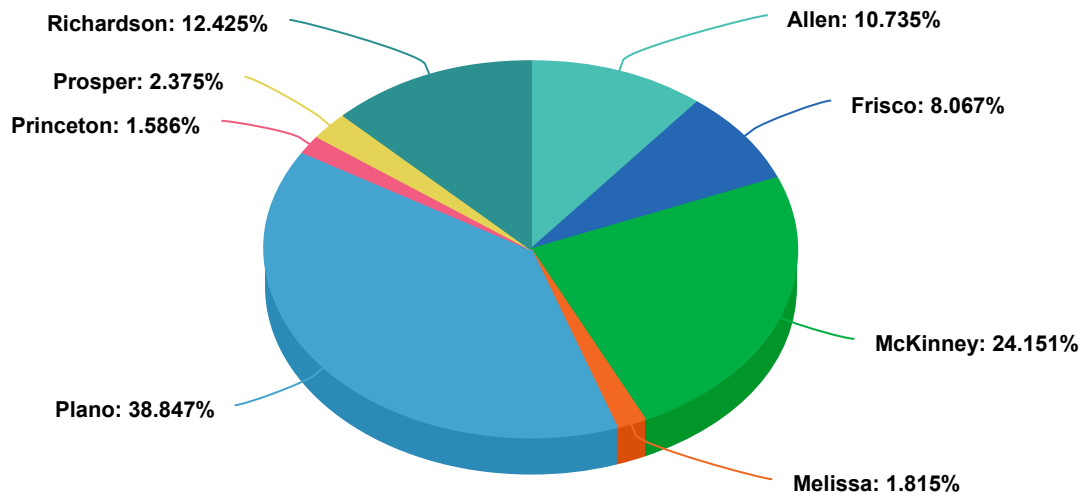
UEFIS has been constructed under a common bond pledge and the participating cities share the cost for wastewater transportation on the basis of proportional flows. Charges are based on current budgeted expenditures and are allocated to each city at the beginning of the year based on estimated flows. 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 FY22 are 26.1 billion gallons. Member City flows for FY23 are estimated to be 26.8 billion gallons. Member City flow information is presented below.

UEFIS MEMBER CITY ANNUAL FLOWS



PROPOSED BUDGET MEMBER CITY COST ALLOCATION



Member City Charges

Cities	2020-21 Actuals	2021-22 Original Budget	2021-22 Amended Budget	2022-23 Proposed Budget
Allen	\$ 4,383,566	\$ 5,046,194	\$ 4,454,199	\$ 5,049,837
Frisco	2,590,500	3,055,658	3,347,172	3,794,773
McKinney	8,944,861	10,077,428	10,021,175	11,361,256
Melissa	553,727	577,969	753,040	853,741
Plano	14,551,288	16,326,413	16,119,192	18,274,729
Princeton	566,509	516,814	658,126	746,134
Prosper	817,532	983,480	985,586	1,117,383
Richardson	4,534,253	5,265,824	5,155,590	5,845,022
Total	\$ 36,942,237	\$ 41,849,780	\$ 41,494,080	\$ 47,042,875
Flow	25,820,509	26,583,688	26,067,298	26,811,893
Cost per 1,000	\$ 1.43	\$ 1.57	\$ 1.59	\$ 1.75

Cost Allocation for Member Cities

The total charges to be allocated to the Member Cities for FY23 are \$47,042,875 after deducting interest and other revenue in the estimated amount of \$2,460,195 from the proposed budget of \$49,503,070.

UEFIS Fund Balances

Capital Improvement Fund 9/30/22

Projected Balance:

07/31/22	Fund Balance	\$	10,860,793
	Remaining Payments to be made on Authorized Projects		(7,765,988)
	Remaining Budgeted Transfers from Operating Fund		-
09/30/22	Expected Fund Balance		3,094,805
	Balance Transfers from Operating Fund		1,590,500
	Expected Projects		-
	Interest Income		1,857
09/30/23	Balance Available for Future Projects	\$	4,687,162

Reserve for Maintenance Fund 9/30/22

Projected Balance:

09/30/22	Expected Fund Balance	\$	1,513,353
	Balance Transfers from Operating Fund		-
	Expected Projects		-
	Interest Income		908
09/30/23	Balance Available for Future Projects	\$	1,514,261

Preventative Maintenance Escrow 9/30/22

Projected Balance:

09/30/22	Expected Fund Balance	\$	1,059,192
	Balance Transfers from Operating Fund		-
	Expected Projects		-
	Interest Income		636
09/30/23	Balance Available for Future Projects	\$	1,059,828

Upper East Fork Interceptor System

FY2023 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			
Full-Time Positions	FY22	FY23	Difference
CMOM Program Manager	1.00	1.00	-
Information Systems Assistant	1.00	1.00	-
Lead Maintenance Technician	1.00	1.00	-
Lead Odor Control Operator	1.00	1.00	-
Lead Wastewater Conveyance Operator	2.00	2.00	-
Odor Control Operator II	2.00	2.00	-
Professional Engineer	1.00	1.00	-
Wastewater Conveyance Operator II	8.00	8.00	-
Wastewater Conveyance Operator III	3.00	3.00	-
Wastewater Conveyance Supervisor I *	1.00	1.00	-
Wastewater Conveyance Supervisor II	1.00	1.00	-
Wastewater Conveyance System Manager	1.00	1.00	-
Total Full-Time Positions	23.00	23.00	-

* Title change per FY22 Compensation Study

Expense Detail

UEFIS	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
Personnel						
510000 - Wages	\$ 1,457,941	\$ 1,733,930	\$ 1,650,695	\$ 1,918,180	\$ 184,250	10.63%
511060 - Overtime	89,487	135,000	135,000	120,000	(15,000)	-11.11%
512000 - Social Security	113,949	130,540	124,560	143,735	13,195	10.11%
513000 - Workers' Comp Ins	27,601	25,030	23,180	28,925	3,895	15.56%
513010 - Unemployment Ins	-	-	2,905	-	-	0.00%
513020 - Hospitalization Ins	283,337	346,460	336,180	384,000	37,540	10.84%
513040 - Dental Ins	16,178	18,280	17,655	20,045	1,765	9.66%
513060 - Life Ins	3,739	4,195	3,975	4,625	430	10.25%
514000 - Retirement	173,180	224,065	224,065	236,800	12,735	5.68%
514010 - Retiree - Insurance	43,924	71,950	71,950	77,410	5,460	7.59%
514020 - Comp Absences-vacation	3,280	5,340	5,340	13,485	8,145	152.53%
514030 - Comp Absences-sick	-	5,880	5,880	8,695	2,815	47.87%
515000 - Cell Phone Stipend	10,760	11,440	9,970	11,475	35	0.31%
Personnel Total	\$ 2,223,376	\$ 2,712,110	\$ 2,611,355	\$ 2,967,375	\$ 255,265	9.41%
Supplies						
520100 - Office Supplies	\$ 1,795	\$ 2,210	\$ 2,210	\$ 2,210	-	0.00%
520110 - Computer Supplies	23,394	32,685	32,685	37,255	4,570	13.98%
520200 - Xerox Supplies	216	640	640	-	(640)	-100.00%
520300 - Clothing Supplies	9,363	13,125	18,125	13,705	580	4.42%
520600 - Fuel, Oil and Lube	64,521	76,700	76,700	84,530	7,830	10.21%
520610 - Generator Fuel	12,841	17,000	17,000	18,700	1,700	10.00%
520630 - Toll Fees	5,822	5,085	5,085	5,085	-	0.00%
520700 - Machine Oil & Lube	175	2,500	2,500	2,500	-	0.00%
520800 - Small Tools & Equip	81,661	169,720	169,720	169,020	(700)	-0.41%
520810 - Fire Extinguishers	100	300	300	300	-	0.00%

Expense Detail (continued)

UEFIS	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 (continued)						
520900 - Janitorial Supplies	\$ 1,084	\$ 1,500	\$ 1,500	\$ 1,500	\$ -	0.00%
521000 - Laboratory Supplies	2,155	1,200	1,200	1,200	-	0.00%
521100 - Medical Supplies	-	4,000	4,000	4,000	-	0.00%
521110 - Safety Supplies	29,610	34,450	34,450	34,470	20	0.06%
521200 - Chem - Other	1,716,270	1,779,500	2,679,500	3,243,100	1,463,600	82.25%
521208 - Chem - Ferric Chloride	1,324,376	1,900,000	1,000,000	1,092,000	(808,000)	-42.53%
521300 - Botanical Supplies	-	100	100	100	-	0.00%
521400 - Electrical Supplies	71,810	130,000	130,000	130,000	-	0.00%
521500 - Mechanical Supplies	40,355	120,000	120,000	120,000	-	0.00%
521600 - Pipeline Supplies	171,830	137,600	134,540	137,600	-	0.00%
521700 - Building Supplies	9,091	7,000	7,000	17,000	10,000	142.86%
521900 - Vehicle Supplies	13,465	16,040	16,040	16,040	-	0.00%
521910 - Tires and Tubes	8,558	12,380	12,380	12,380	-	0.00%
522000 - Equipment Supplies	14,778	40,125	40,125	40,125	-	0.00%
522100 - Welding Supplies	-	100	100	100	-	0.00%
522200 - Road Maint Supplies	7,109	7,200	7,200	7,200	-	0.00%
523000 - Other Supplies	4,349	7,320	7,320	7,320	-	0.00%
Supplies Total	\$ 3,614,727	\$ 4,518,480	\$ 4,520,420	\$ 5,197,440	\$ 678,960	15.03%
Services						
530300 - Automotive Insurance	\$ 13,021	\$ 17,420	\$ 17,420	\$ 15,170	\$ (2,250)	-12.92%
530400 - Fire & Exten Cov Ins	51,724	66,235	66,235	76,940	10,705	16.16%
530530 - Pollution Cont Liab Ins	551	615	615	630	15	2.44%
530900 - General Liability Ins	18,018	52,830	52,830	23,245	(29,585)	-56.00%
531020 - Internet Service	29,508	62,380	62,380	62,575	195	0.31%
531100 - Electric Power	2,789,961	1,250,000	1,305,000	1,300,000	50,000	4.00%
531120 - Retail Water Service	22,047	38,400	38,400	38,400	-	0.00%
531200 - Bank Service Fees	368	700	700	700	-	0.00%
531310 - Special Studies & Rpts	276,554	711,500	711,500	760,000	48,500	6.82%
531400 - Legal Service	2,255	10,000	10,000	10,000	-	0.00%
531700 - Advertising	214	750	750	750	-	0.00%
531800 - Rent or Lease Payment	73,890	92,595	92,595	93,420	825	0.89%
531900 - Travel and Training	19,231	36,460	36,460	29,510	(6,950)	-19.06%
532000 - Mem & Subscriptions	820	11,110	11,265	11,860	750	6.75%
532100 - Vehicle Maint	16,262	7,500	10,000	15,000	7,500	100.00%
532110 - Veh Maint by Solid Waste	12,204	7,500	7,500	9,000	1,500	20.00%
532200 - Equipment Maintenance	219,566	285,000	370,000	285,000	-	0.00%
532220 - Pipeline Maintenance	1,350,386	2,325,000	2,268,500	2,325,000	-	0.00%
532230 - Facilities Maintenance	31,296	198,000	150,465	209,200	11,200	5.66%
532800 - Grounds Maintenance	41,125	221,240	221,240	221,240	-	0.00%
532900 - Electrical Sys Maint	83,975	103,700	113,700	110,000	6,300	6.08%
533000 - Other Services	29,110	35,000	15,000	35,000	-	0.00%

Expense Detail (continued)

UEFIS	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
Services (continued)						
533030 - Contractual Safety Serv	\$ 5,616	\$ 25,440	\$ 25,440	\$ 17,970	\$ (7,470)	-29.36%
533100 - Administration	25,025	25,620	25,620	51,240	25,620	100.00%
533630 - Landfill Service Fees	4,078	5,020	5,020	5,280	260	5.18%
533640 - Hauling Fees	1,376	950	1,450	1,465	515	54.21%
534000 - Uninsured losses	37,298	-	6,035	-	-	0.00%
Shared Services	3,228,842	3,947,680	3,962,680	4,932,360	984,680	24.94%
Services Total	\$ 8,384,320	\$ 9,538,645	\$ 9,588,800	\$ 10,640,955	\$ 1,102,310	11.56%
Capital Outlay						
540300 - Vehicle Equipment	\$ 8,896	\$ 331,500	\$ 420,000	\$ 199,280	\$ (132,220)	-39.89%
540500 - Machinery	38,806	-	-	-	-	0.00%
540700 - Non-Vehicle Equipment	78,029	270,000	181,500	220,000	(50,000)	-18.52%
Capital Outlay Total	\$ 125,731	\$ 601,500	\$ 601,500	\$ 419,280	\$ (182,220)	-30.29%
Capital Improvement						
573010 - Tsf to Capital Impr	\$ -	\$ -	\$ -	\$ 1,590,500	\$ 1,590,500	0.00%
Capital Improvement Total	\$ -	\$ -	\$ -	\$ 1,590,500	\$ 1,590,500	0.00%
Debt Service						
571000 - Tsf to I & S	\$ 24,227,500	\$ 26,072,800	\$ 26,072,800	\$ 27,087,200	\$ 1,014,400	3.89%
571020 - DebtSvc-ECP	-	195,000	195,000	1,500,000	1,305,000	669.23%
579000 - Bond Service Fees	16,800	27,070	27,070	26,820	(250)	-0.92%
579010 - ECP Fees	265,922	57,250	57,250	73,500	16,250	28.38%
Debt Service Total	\$ 24,510,222	\$ 26,352,120	\$ 26,352,120	\$ 28,687,520	\$ 2,335,400	8.86%
Grand Total	\$ 38,858,376	\$ 43,722,855	\$ 43,674,195	\$ 49,503,070	\$ 5,780,215	13.22%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$5,780,215 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance, Retirement and Compensated Absences-vacation costs
- Chemicals increased due to rising costs
- Shared Services allocation increased due to higher expenses and allocation changes in the Shared Service Fund
- Transfers to Capital Improvement Fund
- Debt Service increased as a result of issuing ECP and Bonds for various capital projects

Expense Detail

UEFIS CIF & Debt Service	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
Capital Imp Fund	\$ -	\$ -	\$ -	\$ 1,590,500	\$ 1,590,500	0.00%
Debt Service						
Bonds:						
Current (P&I)	\$ 26,009,246	\$ 27,875,160	\$ 27,875,160	\$ 29,395,767	\$ 1,520,607	5.46%
ECP	-	195,000	195,000	1,500,000	1,305,000	669.23%
Total	\$ 26,009,246	\$ 28,070,160	\$ 28,070,160	\$ 30,895,767	\$ 2,825,607	10.07%
Other						
Reserve Fund Interest Tfr	\$ (396,135)	\$ -	\$ -	\$ -	\$ -	0.00%
I&S Fund Interest	(159,285)	-	-	-	-	0.00%
Fund Balance Change	(1,226,326)	(297,586)	(297,586)	747,739	1,045,325	-351.27%
Tfrs from Construction	-	(1,504,774)	(1,504,774)	(3,056,306)	(1,551,532)	103.11%
Total	\$ (1,781,746)	\$ (1,802,360)	\$ (1,802,360)	\$ (2,308,567)	\$ (506,207)	28.09%
Transfer to I&S Fund	\$ 24,227,500	\$ 26,267,800	\$ 26,267,800	\$ 28,587,200	\$ 2,319,400	8.83%
Bond Service Fees	\$ 16,800	\$ 27,070	\$ 27,070	\$ 26,820	\$ (250)	-0.92%
ECP Fees	265,922	57,250	57,250	73,500	16,250	28.38%
Total	\$ 282,722	\$ 84,320	\$ 84,320	\$ 100,320	\$ 16,000	18.98%
Total Debt Service	\$ 24,510,222	\$ 26,352,120	\$ 26,352,120	\$ 28,687,520	\$ 2,335,400	8.86%
Total CIF and DS	\$ 24,510,222	\$ 26,352,120	\$ 26,352,120	\$ 30,278,020	\$ 3,925,900	14.90%

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

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 provides O&M for this pipeline.

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, 9 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 nine 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.

304 – Wylie Wastewater Treatment Plant - Decommissioned

The Wylie WWTP was a 2 MGD extended air treatment facility that treated wastewater flow from Wylie before being decommissioned. The decommissioned plant is located at 806 Alanis in Wylie. Previously, the District managed the plant but it was turned over to the City of Wylie in FY21 for closure. There are no expenses associated with this plant included in the FY22 or FY23 budgets.

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

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. The Forney Mustang Creek Lift Station, Phase I is currently under construction with a firm capacity of 12 MGD.

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 FY22 Original and Amended Budgets and the Proposed FY23 Budget.

	2020-21 Actual	2021-22 Original	2021-22 Amended	2022-23 Proposed
Water Facilities:				
Little Elm Water Transmission Facilities	\$ 400,896	\$ 282,050	\$ 278,250	\$ 10,010
Plano Water Transmission Facilities	167	3,825	27,295	86,410
Kaufman 4-1 Water Distribution Facilities	151,454	130,350	127,850	150,695
Rockwall-Heath Water Storage Facilities	229,161	237,075	237,075	237,450
Terrell Water Transmission Facilities	723,928	743,880	743,880	742,495
Rockwall Water Pump Station Facilities	171,135	174,985	174,985	174,240
Total	\$ 1,676,741	\$ 1,572,165	\$ 1,589,335	\$ 1,401,300
Wastewater Facilities:				
Wylie WWTP	\$ 29,000	\$ -	\$ -	\$ -
South Rockwall WWTP	1,948,051	1,735,465	1,735,235	1,870,600
North Rockwall WWTP	636,022	698,010	712,865	756,485
Panther Creek WWTP	8,968,961	10,058,830	10,126,215	10,390,915
Sabine Creek WWTP	2,862,534	3,116,525	3,142,275	6,847,000
Stewart Creek WWTP	8,850,623	10,389,945	10,426,310	11,298,215
Muddy Creek WWTP	7,692,687	8,511,900	8,434,705	10,144,630
Seis Lagos WWTP	293,932	327,035	324,905	374,175
Royse City WWTP	18,404	20,180	19,730	-
Farmersville WWTP	490,246	576,170	578,555	633,015
Lavon WWTP	412,191	481,770	477,135	526,290
Total	\$ 32,202,650	\$ 35,915,830	\$ 35,977,930	\$ 42,841,325
Interceptor Facilities:				
Forney Interceptor	\$ 437,758	\$ 682,460	\$ 676,825	\$ 591,530
Lower East Fork Interceptor	1,923,673	1,928,410	1,922,655	1,992,150
Muddy Creek Interceptor	719,048	428,575	428,620	304,725
Parker Creek Interceptor	752,936	426,290	351,615	445,075
Sabine Creek Interceptor	276,804	313,985	254,040	99,100
Buffalo Creek Interceptor	2,212,851	3,821,410	3,833,850	4,408,505
McKinney Interceptor	21,419	56,775	56,730	89,750
Mustang Creek Interceptor	2,300,629	2,931,050	2,932,835	2,957,305
Parker Creek Parallel Interceptor	107,647	238,495	238,420	258,165
Total	\$ 8,752,764	\$ 10,827,450	\$ 10,695,590	\$ 11,146,305
Other:				
Wastewater Pretreatment Program	\$ 1,079,358	\$ 1,335,340	\$ 1,309,825	\$ 1,461,610
Total	\$ 1,079,358	\$ 1,335,340	\$ 1,309,825	\$ 1,461,610
TOTAL	\$ 43,711,514	\$ 49,650,785	\$ 49,572,680	\$ 56,850,540

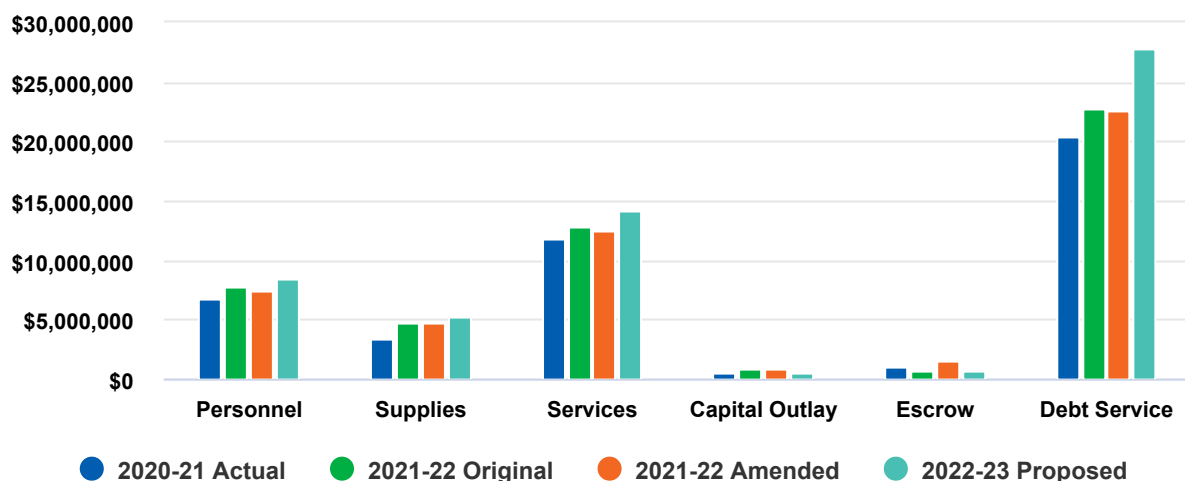
Revenues and Expenditures

	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues	\$ 43,711,514	\$ 49,650,785	\$ 49,572,680	\$ 56,850,540	\$ 7,199,755	14.50%
Expenditures						
Personnel	\$ 6,742,877	\$ 7,670,410	\$ 7,458,420	\$ 8,441,540	\$ 771,130	10.05%
Supplies	3,356,939	4,735,090	4,744,195	5,156,065	420,975	8.89%
Services	11,814,559	12,887,305	12,472,620	14,163,935	1,276,630	9.91%
Capital Outlay	543,169	848,500	852,035	567,165	(281,335)	-33.16%
Escrow	931,750	719,255	1,516,000	649,955	(69,300)	-9.63%
Debt Service	20,322,220	22,790,225	22,529,410	27,871,880	5,081,655	22.30%
Total	\$ 43,711,514	\$ 49,650,785	\$ 49,572,680	\$ 56,850,540	\$ 7,199,755	14.50%

The FY22 Amended Budget for expenditures totals \$49,572,680, which is \$78,105 or 0.16% less than the FY22 Original Budget of \$49,650,785. For the FY23 Proposed Budget, the total expenditures for Small Systems facilities requested are \$56,850,540, which is \$7,199,755 or 14.50% greater than the FY22 Original Budget. Major budget variances are explained below:

- Increase in Personnel of \$771,130 due to higher wages, insurance and retirement costs and to fund a new Wastewater Plant Operator II position
- Increase in Supplies of \$420,975 driven by higher chemical costs related to supply chain issues and increased global demands. Also, there is an increase in Mechanical Supplies at Stewart Creek WWTP to install a submersible chopper pump, to purchase a back up submersible pump for the new lift station and for additional maintenance due to plant expansion.
- Increase in Services of \$1,276,630 due to a higher Shared Services budget and allocations
- Increase in Debt Service/Capital Improvement of \$5,081,655 is the net result of the following:
 - Bond issue for the construction of the Muddy Creek WWTP Operations Building Improvements 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 FY23 debt service payments for Sabine Creek WWTP, Muddy Creek WWTP, and Mustang Creek Interceptor related to previous bond issues

SMALL SYSTEMS EXPENDITURES



Small Systems Fund Balances

System Name	Fund	Projected 09/30/2022 Beginning Balance	Transfers from Operating	Interest Earnings	Expected Projects	Projected 09/30/2023 Ending Balance
Little Elm Water Transmission Facilities	Contingency	\$ 299	\$ -	\$ -	\$ -	\$ 299
Plano Water Transmission Facilities	Contingency	\$ 50,882	\$ -	\$ 31	\$ -	\$ 50,912
Kaufman 4-1 Water Distribution Facilities	Reserve for Maintenance	\$ 8,774	\$ 10,505	\$ 5	\$ -	\$ 19,284
South Rockwall WWTP	Preventative Maintenance	\$ 106,079	\$ 80,100	\$ 64	\$ -	\$ 186,243
South Rockwall WWTP	Reserve for Maintenance	\$ 42,841	\$ -	\$ 26	\$ -	\$ 42,867
North Rockwall WWTP	Reserve for Maintenance	\$ 1,459	\$ -	\$ -	\$ -	\$ 1,459
Panther Creek WWTP	Capital Improvement	\$ 499,523	\$ -	\$ 300	\$ -	\$ 499,823
Panther Creek WWTP	Preventative Maintenance	\$ 32,632	\$ 61,830	\$ 20	\$ -	\$ 94,481
Panther Creek WWTP	Contingency	\$ 100,342	\$ -	\$ 60	\$ -	\$ 100,402
Sabine Creek WWTP	Capital Improvement	\$ 4,659	\$ -	\$ 3	\$ -	\$ 4,662
Sabine Creek WWTP	Preventative Maintenance	\$ 14,753	\$ -	\$ 9	\$ (12,500)	\$ 2,262
Sabine Creek WWTP	Contingency	\$ 53,790	\$ -	\$ 32	\$ -	\$ 53,822
Stewart Creek WWTP	Capital Improvement	\$ 5,520	\$ -	\$ 3	\$ -	\$ 5,523
Stewart Creek WWTP	Preventative Maintenance	\$ 23,129	\$ 15,000	\$ 14	\$ -	\$ 38,143
Stewart Creek WWTP	Contingency	\$ 99,436	\$ -	\$ 60	\$ -	\$ 99,495
Muddy Creek WWTP	Capital Improvement	\$ 1,628	\$ -	\$ -	\$ -	\$ 1,628
Muddy Creek WWTP	Preventative Maintenance	\$ 78,899	\$ -	\$ 47	\$ (15,395)	\$ 63,551
Muddy Creek WWTP	Contingency	\$ 14,480	\$ -	\$ 9	\$ -	\$ 14,489
Seis Lagos WWTP	Preventative Maintenance	\$ -	\$ 5,000	\$ -	\$ -	\$ 5,000
Seis Lagos WWTP	Reserve for Maintenance	\$ 10,134	\$ 1,950	\$ 6	\$ -	\$ 12,091
Royse City WWTP	Reserve for Maintenance	\$ 10,614	\$ -	\$ 6	\$ -	\$ 10,621
Farmersville WWTP	Preventative Maintenance	\$ -	\$ 6,700	\$ -	\$ -	\$ 6,700
Farmersville WWTP	Reserve for Maintenance	\$ 6,183	\$ -	\$ 4	\$ -	\$ 6,186
Lavon WWTP	Preventative Maintenance	\$ 4,226	\$ 7,000	\$ 3	\$ -	\$ 11,229
Lavon WWTP	Reserve for Maintenance	\$ 21,786	\$ 4,800	\$ 13	\$ -	\$ 26,599
Forney Interceptor	Preventative Maintenance	\$ 466,721	\$ 106,900	\$ 280	\$ -	\$ 573,901
Forney Interceptor	Reserve for Maintenance	\$ 18,442	\$ -	\$ 11	\$ -	\$ 18,453
Lower East Fork Interceptor	Preventative Maintenance	\$ 555,471	\$ 108,500	\$ 333	\$ -	\$ 664,304
Lower East Fork Interceptor	Contingency	\$ 25,586	\$ -	\$ 15	\$ -	\$ 25,601

Small Systems Fund Balances (continued)

System Name	Fund	Beginning Balance	Transfers from Operating	Interest Earnings	Expected Projects	Ending Balance
Muddy Creek Interceptor	Preventative Maintenance	\$ 368,002	\$ 11,000	\$ 221	\$ -	\$ 379,222
Muddy Creek Interceptor	Contingency	\$ 23,885	\$ -	\$ 14	\$ -	\$ 23,899
Parker Creek Interceptor	Capital Improvement	\$ 5,093	\$ 295,000	\$ 3	\$ -	\$ 300,096
Parker Creek Interceptor	Preventative Maintenance	\$ 435,104	\$ 24,500	\$ 261	\$ -	\$ 459,865
Parker Creek Interceptor	Contingency	\$ 4,246	\$ -	\$ 3	\$ -	\$ 4,249
Sabine Creek Interceptor	Capital Improvement	\$ 2,214	\$ -	\$ 1	\$ -	\$ 2,216
Sabine Creek Interceptor	Preventative Maintenance	\$ 407,117	\$ 43,000	\$ 244	\$ -	\$ 450,361
Sabine Creek Interceptor	Contingency	\$ 5,491	\$ -	\$ 3	\$ -	\$ 5,494
Buffalo Creek Interceptor	Capital Improvement	\$ 64,324	\$ -	\$ 39	\$ -	\$ 64,363
Buffalo Creek Interceptor	Preventative Maintenance	\$ 840,222	\$ 53,870	\$ 504	\$ -	\$ 894,596
Buffalo Creek Interceptor	Contingency	\$ 162,847	\$ -	\$ 98	\$ -	\$ 162,945
McKinney Interceptor	Capital Improvement	\$ 312	\$ -	\$ -	\$ -	\$ 312
McKinney Interceptor	Preventative Maintenance	\$ 264,018	\$ 36,400	\$ 158	\$ -	\$ 300,576
McKinney Interceptor	Reserve for Maintenance	\$ 15,665	\$ -	\$ 9	\$ -	\$ 15,674
Mustang Creek Interceptor	Capital Improvement	\$ 42,917	\$ -	\$ 26	\$ -	\$ 42,943
Mustang Creek Interceptor	Preventative Maintenance	\$ 703,671	\$ 33,400	\$ 422	\$ -	\$ 737,493
Mustang Creek Interceptor	Contingency	\$ 10,708	\$ -	\$ 6	\$ -	\$ 10,714
Parker Creek Parallel Interceptor	Capital Improvement	\$ 138	\$ -	\$ -	\$ -	\$ 138
Parker Creek Parallel Interceptor	Preventative Maintenance	\$ 50,541	\$ 39,500	\$ 30	\$ -	\$ 90,072
Parker Creek Parallel Interceptor	Contingency	\$ 30,832	\$ -	\$ 18	\$ -	\$ 30,851

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
- Plano Water Transmission Facilities
- Kaufman 4-1 Water Distribution Facilities
- Rockwall-Heath Water Storage Facilities
- Terrell Water Transmission Facilities
- Rockwall Water Pump Station Facilities

FY2023 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	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues and Expenses						
Revenues						
Wastewater Sales						
422001-Water Facilities	\$ 400,840	\$ 281,985	\$ 278,180	\$ 9,940	\$ (272,045)	-96.47%
Total Wastewater Sales	\$ 400,840	\$ 281,985	\$ 278,180	\$ 9,940	\$ (272,045)	-96.47%
441000-Interest Income	\$ 56	\$ 65	\$ 70	\$ 70	\$ 5	7.69%
Revenues Total	\$ 400,896	\$ 282,050	\$ 278,250	\$ 10,010	\$ (272,040)	-96.45%
Expenses Total	\$ (400,896)	\$ (282,050)	\$ (278,250)	\$ (10,010)	\$ 272,040	-96.45%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Little Elm Water Transmission Facilities	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Expense Category						
Supplies						
521600 - Pipeline Supplies	\$ 123	\$ 1,000	\$ 1,000	\$ 2,000	\$ 1,000	100.00%
Supplies Total	\$ 123	\$ 1,000	\$ 1,000	\$ 2,000	\$ 1,000	100.00%
Services						
531200 - Bank Service Fees	\$ 3	\$ 5	\$ 5	\$ 5	\$ -	0.00%
533100 - Administration	10	10	10	20	10	100.00%
Shared Services	600	2,495	2,495	2,585	90	3.61%
Services Total	\$ 613	\$ 2,510	\$ 2,510	\$ 2,610	\$ 100	3.98%
Debt Service						
571000 - Tsf to I & S	\$ 395,900	\$ 274,100	\$ 270,300	\$ -	\$ (274,100)	-100.00%
579000 - Bond Service Fees	4,260	4,440	4,440	5,400	960	21.62%
Debt Service Total	\$ 400,160	\$ 278,540	\$ 274,740	\$ 5,400	\$ (273,140)	-98.06%
Grand Total	\$ 400,896	\$ 282,050	\$ 278,250	\$ 10,010	\$ (272,040)	-96.45%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$272,040 from the FY22 Original Budget. Major variances are explained below:

- Debt Service decreased as the payment will come from the Debt Service Reserve

Plano Water Transmission Facilities

Revenues and Expenses

Plano Water Transmission Facilities	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues and Expenses						
Revenues						
Wastewater Sales						
422001-Water Facilities	\$ 158	\$ 3,810	\$ 27,220	\$ 86,335	\$ 82,525	2166.01%
Total Wastewater Sales	\$ 158	\$ 3,810	\$ 27,220	\$ 86,335	\$ 82,525	2166.01%
441000-Interest Income	\$ 9	\$ 15	\$ 75	\$ 75	\$ 60	400.00%
Revenues Total	\$ 167	\$ 3,825	\$ 27,295	\$ 86,410	\$ 82,585	2159.08%
Expenses Total	\$ (167)	\$ (3,825)	\$ (27,295)	\$ (86,410)	\$ (82,585)	2159.08%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Plano Water Transmission Facilities	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Expense Category						
Supplies						
521600 - Pipeline Supplies	\$ -	\$ 1,000	\$ 1,000	\$ 30,000	\$ 29,000	2900.00%
Supplies Total	\$ -	\$ 1,000	\$ 1,000	\$ 30,000	\$ 29,000	2900.00%
Services						
Shared Services	\$ 167	\$ 2,825	\$ 26,295	\$ 56,410	\$ 53,585	1896.81%
Services Total	\$ 167	\$ 2,825	\$ 26,295	\$ 56,410	\$ 53,585	1896.81%
Grand Total	\$ 167	\$ 3,825	\$ 27,295	\$ 86,410	\$ 82,585	2159.08%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$82,585 from the FY22 Original Budget. Major variances are explained below:

- Pipeline Supplies and Shared Services increased for air relief valve maintenance

Kaufman Four-One Water Distribution Facilities

Revenues and Expenses

Kaufman Four-One Water Distribution Facilities	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
422001-Water Facilities	\$ 106,650	\$ 130,345	\$ 127,845	\$ 150,690	\$ 20,345	15.61%
Total Wastewater Sales	\$ 106,650	\$ 130,345	\$ 127,845	\$ 150,690	\$ 20,345	15.61%
Other						
440140-Master Card Rebates	\$ 7	\$ -	\$ -	\$ -	\$ -	0.00%
459100-Tfr from Escrow Fund	44,789	-	-	-	-	0.00%
Total Other	\$ 44,796	\$ -	\$ -	\$ -	\$ -	0.00%
441000-Interest Income	\$ 8	\$ 5	\$ 5	\$ 5	\$ -	0.00%
Revenues Total	\$ 151,454	\$ 130,350	\$ 127,850	\$ 150,695	\$ 20,345	15.61%
Expenses Total	\$ (151,454)	\$ (130,350)	\$ (127,850)	\$ (150,695)	\$ (20,345)	15.61%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Kaufman Four-One Water Distribution Facilities	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						
520700 - Machine Oil & Lube	\$ -	\$ 410	\$ 410	\$ 410	\$ -	0.00%
521300 - Botanical Supplies	-	50	50	50	-	0.00%
521400 - Electrical Supplies	-	5,000	5,000	5,000	-	0.00%
521500 - Mechanical Supplies	-	2,000	2,000	2,000	-	0.00%
521600 - Pipeline Supplies	8,374	20,000	20,000	26,000	6,000	30.00%
Supplies Total	\$ 8,374	\$ 27,460	\$ 27,460	\$ 33,460	\$ 6,000	21.85%
Services						
530400 - Fire & Exten Cov Ins	\$ 732	\$ 935	\$ 935	\$ 1,085	\$ 150	16.04%
531100 - Electric Power	119,381	40,000	37,500	45,000	5,000	12.50%
532800 - Grounds Maintenance	300	4,750	4,750	3,450	(1,300)	-27.37%
532900 - Electrical Sys Maint	-	5,000	5,000	5,000	-	0.00%
533100 - Administration	130	140	140	275	135	96.43%
534000 - Uninsured losses	48	-	-	-	-	0.00%
Shared Services	22,490	41,560	41,560	51,920	10,360	24.93%
Services Total	\$ 143,080	\$ 92,385	\$ 89,885	\$ 106,730	\$ 14,345	15.53%
Escrow						
550660 - Rsv for Maintenance	\$ -	\$ 10,505	\$ 10,505	\$ 10,505	\$ -	0.00%
Escrow Total	\$ -	\$ 10,505	\$ 10,505	\$ 10,505	\$ -	0.00%
Grand Total	\$ 151,454	\$ 130,350	\$ 127,850	\$ 150,695	\$ 20,345	15.61%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$20,345 from the FY22 Original Budget. Major variances are explained below:

- Pipeline Supplies and Shared Services increased for air relief valve maintenance
- Electric Power increased based on forecasted usage and higher costs

Rockwall-Heath Water Storage Facilities

Revenues and Expenses

Rockwall-Heath Water Storage Facilities	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues and Expenses						
Revenues						
Wastewater Sales						
422001-Water Facilities	\$ 229,133	\$ 237,045	\$ 237,000	\$ 237,375	\$ 330	0.14%
Total Wastewater Sales	\$ 229,133	\$ 237,045	\$ 237,000	\$ 237,375	\$ 330	0.14%
441000-Interest Income	\$ 28	\$ 30	\$ 75	\$ 75	\$ 45	150.00%
Revenues Total	\$ 229,161	\$ 237,075	\$ 237,075	\$ 237,450	\$ 375	0.16%
Expenses Total	\$ (229,161)	\$ (237,075)	\$ (237,075)	\$ (237,450)	\$ (375)	0.16%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Rockwall-Heath Water Storage Facilities	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Expense Category						
Services						
531200 - Bank Service Fees	\$ 2	\$ 5	\$ 5	\$ 5	-	0.00%
Shared Services	644	560	560	655	95	16.96%
Services Total	\$ 646	\$ 565	\$ 565	\$ 660	\$ 95	16.81%
Debt Service						
571000 - Tsf to I & S	\$ 224,200	\$ 231,600	\$ 231,600	\$ 232,100	500	0.22%
579000 - Bond Service Fees	4,315	4,910	4,910	4,690	(220)	-4.48%
Debt Service Total	\$ 228,515	\$ 236,510	\$ 236,510	\$ 236,790	\$ 280	0.12%
Grand Total	\$ 229,161	\$ 237,075	\$ 237,075	\$ 237,450	\$ 375	0.16%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$375 from the FY22 Original Budget. Major variances are explained below:

- No major variances.

Terrell Water Transmission Facilities

Revenues and Expenses

Terrell Water Transmission Facilities	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues and Expenses						
Revenues						
Wastewater Sales						
422001-Water Facilities	\$ 723,828	\$ 743,760	\$ 743,595	\$ 742,210	\$ (1,550)	-0.21%
Total Wastewater Sales	\$ 723,828	\$ 743,760	\$ 743,595	\$ 742,210	\$ (1,550)	-0.21%
441000-Interest Income	\$ 99	\$ 120	\$ 285	\$ 285	\$ 165	137.50%
Revenues Total	\$ 723,928	\$ 743,880	\$ 743,880	\$ 742,495	\$ (1,385)	-0.19%
Expenses Total	\$ (723,928)	\$ (743,880)	\$ (743,880)	\$ (742,495)	\$ 1,385	-0.19%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Terrell Water Transmission Facilities	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Expense Category						
Services						
531200 - Bank Service Fees	\$ 10	\$ 5	\$ 5	\$ 5	\$ -	0.00%
533100 - Administration	10	5	5	15	10	200.00%
Shared Services	2,958	2,080	2,080	1,385	(695)	-33.41%
Services Total	\$ 2,978	\$ 2,090	\$ 2,090	\$ 1,405	\$ (685)	-32.78%
Debt Service						
571000 - Tsf to I & S	\$ 716,800	\$ 737,100	\$ 737,100	\$ 736,400	\$ (700)	-0.09%
579000 - Bond Service Fees	4,150	4,690	4,690	4,690	-	0.00%
Debt Service Total	\$ 720,950	\$ 741,790	\$ 741,790	\$ 741,090	\$ (700)	-0.09%
Grand Total	\$ 723,928	\$ 743,880	\$ 743,880	\$ 742,495	\$ (1,385)	-0.19%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$1,385 from the FY22 Original Budget. Major variances are explained below:

- No major variances.

Rockwall Water Pump Station Facilities

Revenues and Expenses

Rockwall Water Pump Station Facilities	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues and Expenses						
Revenues						
Wastewater Sales						
422001-Water Facilities	\$ 171,115	\$ 174,960	\$ 174,930	\$ 174,185	\$ (775)	-0.44%
Total Wastewater Sales	\$ 171,115	\$ 174,960	\$ 174,930	\$ 174,185	\$ (775)	-0.44%
441000-Interest Income	\$ 20	\$ 25	\$ 55	\$ 55	\$ 30	120.00%
Revenues Total	\$ 171,135	\$ 174,985	\$ 174,985	\$ 174,240	\$ (745)	-0.43%
Expenses Total	\$ (171,135)	\$ (174,985)	\$ (174,985)	\$ (174,240)	\$ 745	-0.43%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Rockwall Water Pump Station Facilities	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
Services						
531200 - Bank Service Fees	\$ 52	\$ 5	\$ 5	\$ 5	\$ -	0.00%
Shared Services	453	390	390	545	155	39.74%
Services Total	\$ 505	\$ 395	\$ 395	\$ 550	\$ 155	39.24%
Debt Service						
571000 - Tsf to I & S	\$ 165,400	\$ 169,900	\$ 169,900	\$ 169,000	\$ (900)	-0.53%
579000 - Bond Service Fees	5,230	4,690	4,690	4,690	-	0.00%
Debt Service Total	\$ 170,630	\$ 174,590	\$ 174,590	\$ 173,690	\$ (900)	-0.52%
Grand Total	\$ 171,135	\$ 174,985	\$ 174,985	\$ 174,240	\$ (745)	-0.43%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$745 from the FY22 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, 9 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 nine plants provide wastewater treatment for the Cities of Farmersville, Fate, Lavon, Murphy, Royce 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	
Muddy Creek WWTP	10 MGD	Wylie, Murphy Royce City, Fate
Sabine Creek WWTP	3 MGD	
Buffalo Creek WWTP	2.25 MGD	Parts of Rockwall
Squabble Creek WWTP	1.2 MGD	
Seis Lagos WWTP	0.25 MGD	Seis Lagos
Farmersville WWTP	0.755 MGD	Farmersville
Lavon WWTP	0.50 MGD	Lavon

The larger plants: Panther Creek WWTP, Stewart Creek WWTP and Muddy Creek WWTP have their own dedicated staff and budgets. The cities served by these plants contract and fund budgets for only the plant that serves them.

The remaining smaller plants collectively known as the Small Sewer System uses a rotating staff to run the operations. Each of the six plants in the Small Sewer System has a 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 Sewer System only contract and fund the budget associated with the plant that serves them.

FY2023 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

Wylie Wastewater Treatment Plant

Revenues and Expenses

Wylie WWTP	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 3,389	\$ -	\$ -	\$ -	-	0.00%
Total Wastewater Sales	\$ 3,389	\$ -	\$ -	\$ -	-	0.00%
Other						
440040-Recov of Prior Year Exp	\$ 79	\$ -	\$ -	\$ -	-	0.00%
440140-Master Card Rebates	32	-	-	-	-	0.00%
440999-Miscellaneous Revenue	0	-	-	-	-	0.00%
459100-Tfr from Escrow Fund	25,085	-	-	-	-	0.00%
730020-Tfr of Capital Assets	383	-	-	-	-	0.00%
Total Other	\$ 25,580	\$ -	\$ -	\$ -	-	0.00%
441000-Interest Income	\$ 32	\$ -	\$ -	\$ -	-	0.00%
Revenues Total	\$ 29,000	\$ -	\$ -	\$ -	-	0.00%
Expenses Total	\$ (29,000)	\$ -	\$ -	\$ -	-	0.00%
Net Revenues	\$ -	\$ -	\$ -	\$ -	-	0.00%

Expense Detail

Wylie WWTP	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
Personnel						
510000 - Wages	\$ 1,238	\$ -	\$ -	\$ -	-	0.00%
511060 - Overtime	161	-	-	-	-	0.00%
512000 - Social Security	102	-	-	-	-	0.00%
513000 - Workers' Comp Ins	28	-	-	-	-	0.00%
513020 - Hospitalization Ins	446	-	-	-	-	0.00%
513040 - Dental Ins	23	-	-	-	-	0.00%
513060 - Life Ins	3	-	-	-	-	0.00%
514000 - Retirement	820	-	-	-	-	0.00%
514010 - Retiree - Insurance	171	-	-	-	-	0.00%
514020 - Comp Absences-vacation	45	-	-	-	-	0.00%
514030 - Comp Absences-sick	55	-	-	-	-	0.00%
515000 - Cell Phone Stipend	12	-	-	-	-	0.00%
Personnel Total	\$ 3,104	\$ -	\$ -	\$ -	-	0.00%
Supplies						
520300 - Clothing Supplies	\$ 7	\$ -	\$ -	\$ -	-	0.00%
521110 - Safety Supplies	1	-	-	-	-	0.00%
521400 - Electrical Supplies	2	-	-	-	-	0.00%
521500 - Mechanical Supplies	858	-	-	-	-	0.00%
523660 - Small Plants Supplies	222	-	-	-	-	0.00%
Supplies Total	\$ 1,090	\$ -	\$ -	\$ -	-	0.00%

Expense Detail (continued)

Wylie WWTP	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
Services						
530300 - Automotive Insurance	\$ 34	\$ -	\$ -	\$ -	-	0.00%
530400 - Fire & Exten Cov Ins	624	-	-	-	-	0.00%
530900 - General Liability Ins	1	-	-	-	-	0.00%
531100 - Electric Power	747	-	-	-	-	0.00%
531120 - Retail Water Service	1,595	-	-	-	-	0.00%
531400 - Legal Service	828	-	-	-	-	0.00%
532800 - Grounds Maintenance	2,904	-	-	-	-	0.00%
533000 - Other Services	545	-	-	-	-	0.00%
533100 - Administration	80	-	-	-	-	0.00%
533660 - Small Plants Exp	199	-	-	-	-	0.00%
533900 - Permits, Ins, & Lic Fees	7,155	-	-	-	-	0.00%
Shared Services	10,095	-	-	-	-	0.00%
Services Total	\$ 24,807	\$ -	\$ -	\$ -	-	0.00%
Grand Total	\$ 29,000	\$ -	\$ -	\$ -	-	0.00%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$0 from the FY22 Original Budget. Major variances are explained below:

- No expenses due to plant closure.

South Rockwall (Buffalo Creek) Wastewater Treatment Plant

Revenues and Expenses

South Rockwall WWTP	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 1,768,621	\$ 1,714,285	\$ 1,712,675	\$ 1,848,040	\$ 133,755	7.80%
Total Wastewater Sales	\$ 1,768,621	\$ 1,714,285	\$ 1,712,675	\$ 1,848,040	\$ 133,755	7.80%
Other						
440040-Recov of Prior Year Exp	\$ 2,163	\$ -	\$ -	\$ -	\$ -	0.00%
440110-Effluent	22,796	20,840	20,840	20,840	-	0.00%
440140-Master Card Rebates	861	-	-	-	-	0.00%
440999-Miscellaneous Revenue	3	-	-	-	-	0.00%
459100-Tfr from Escrow Fund	153,000	-	-	-	-	0.00%
730000-Sale of Capital Assets	347	-	-	-	-	0.00%
Total Other	\$ 179,170	\$ 20,840	\$ 20,840	\$ 20,840	\$ -	0.00%
441000-Interest Income	\$ 260	\$ 340	\$ 1,720	\$ 1,720	\$ 1,380	405.88%
Revenues Total	\$ 1,948,051	\$ 1,735,465	\$ 1,735,235	\$ 1,870,600	\$ 135,135	7.79%
Expenses Total	\$ (1,948,051)	\$ (1,735,465)	\$ (1,735,235)	\$ (1,870,600)	\$ (135,135)	7.79%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

South Rockwall WWTP	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
Personnel						
510000 - Wages	\$ 133,038	\$ 155,280	\$ 148,535	\$ 169,945	\$ 14,665	9.44%
511060 - Overtime	17,366	14,330	14,330	15,245	915	6.39%
512000 - Social Security	11,193	11,880	11,615	13,015	1,135	9.55%
513000 - Workers' Comp Ins	2,835	2,755	2,565	2,960	205	7.44%
513020 - Hospitalization Ins	39,161	43,985	44,105	52,020	8,035	18.27%
513040 - Dental Ins	2,378	2,410	2,200	2,625	215	8.92%
513060 - Life Ins	350	375	365	415	40	10.67%
514000 - Retirement	20,876	23,380	23,380	26,280	2,900	12.40%
514010 - Retiree - Insurance	3,644	7,505	7,505	8,590	1,085	14.46%
514020 - Comp Absences-vacation	985	3,220	3,220	2,340	(880)	-27.33%
514030 - Comp Absences-sick	1,330	-	-	800	800	0.00%
515000 - Cell Phone Stipend	1,112	1,125	995	1,110	(15)	-1.33%
Personnel Total	\$ 234,268	\$ 266,245	\$ 258,815	\$ 295,345	\$ 29,100	10.93%

Supplies

520100 - Office Supplies	\$ -	\$ 55	\$ 55	\$ 55	\$ -	0.00%
520110 - Computer Supplies	-	285	285	295	10	3.51%
520200 - Xerox Supplies	-	50	50	-	(50)	-100.00%
520300 - Clothing Supplies	607	1,740	1,740	825	(915)	-52.59%
520600 - Fuel, Oil and Lube	8	35	35	35	-	0.00%
520610 - Generator Fuel	395	600	600	600	-	0.00%
520630 - Toll Fees	-	5	5	5	-	0.00%
520700 - Machine Oil & Lube	591	500	1,010	800	300	60.00%

Expense Detail (continued)

South Rockwall WWTP	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 (continued)						
520800 - Small Tools & Equip	\$ 18,703	\$ 15,100	\$ 15,100	\$ 13,100	\$ (2,000)	-13.25%
520810 - Fire Extinguishers	-	400	400	400	-	0.00%
521110 - Safety Supplies	333	3,015	1,015	3,015	-	0.00%
521200 - Chem - Other	97	1,470	1,470	1,470	-	0.00%
521203 - Chem - Chlorine	25,057	55,760	55,760	65,960	10,200	18.29%
521210 - Chem - Hypochlorite	-	1,145	1,145	1,430	285	24.89%
521211 - Chem - Sulfur Dioxide	17,447	37,635	37,635	28,985	(8,650)	-22.98%
521215 - Chem - Bioxide	24,691	30,340	30,340	30,340	-	0.00%
521400 - Electrical Supplies	30,228	14,000	14,000	14,000	-	0.00%
521500 - Mechanical Supplies	54,409	35,000	61,300	35,000	-	0.00%
521700 - Building Supplies	1,252	1,000	280	1,000	-	0.00%
521900 - Vehicle Supplies	-	5	5	5	-	0.00%
521910 - Tires and Tubes	-	15	15	15	-	0.00%
522000 - Equipment Supplies	119	2,550	250	2,550	-	0.00%
522200 - Road Maint Supplies	87	1,200	-	1,200	-	0.00%
523660 - Small Plants Supplies	22,874	28,655	25,700	31,440	2,785	9.72%
Supplies Total	\$ 196,896	\$ 230,560	\$ 248,195	\$ 232,525	\$ 1,965	0.85%
Services						
530300 - Automotive Insurance	\$ 1,475	\$ 1,495	\$ 1,495	\$ 2,125	\$ 630	42.14%
530400 - Fire & Exten Cov Ins	594	760	760	880	120	15.79%
530900 - General Liability Ins	103	130	130	165	35	26.92%
531000 - Telephone	5,474	2,400	8,500	2,400	-	0.00%
531020 - Internet Service	451	240	440	255	15	6.25%
531100 - Electric Power	286,327	145,000	132,200	140,000	(5,000)	-3.45%
531200 - Bank Service Fees	2	5	5	5	-	0.00%
531300 - Engin/Consultant Svc	956	-	-	-	-	0.00%
531310 - Special Studies & Rpts	3,648	2,500	25,500	-	(2,500)	-100.00%
531400 - Legal Service	6,723	6,500	6,500	4,000	(2,500)	-38.46%
531700 - Advertising	1,271	3,200	3,200	300	(2,900)	-90.63%
531800 - Rent or Lease Payment	1,529	1,545	1,745	1,610	65	4.21%
531900 - Travel and Training	-	480	280	705	225	46.88%
532000 - Mem & Subscriptions	1,218	825	835	840	15	1.82%
532200 - Equipment Maintenance	24,194	11,500	11,500	11,500	-	0.00%
532800 - Grounds Maintenance	3,948	4,820	7,650	5,160	340	7.05%
532900 - Electrical Sys Maint	28,906	24,000	24,000	12,000	(12,000)	-50.00%
533000 - Other Services	455,474	282,000	282,000	372,000	90,000	31.91%
533030 - Contractual Safety Serv	-	2,750	2,750	2,750	-	0.00%
533100 - Administration	3,085	2,855	2,855	5,705	2,850	99.82%
533380 - Odor Control Crew	86	1,000	1,000	1,000	-	0.00%
533500 - Lab Svc - Contract	6,355	8,280	8,280	8,280	-	0.00%
533630 - Landfill Service Fees	3,156	2,000	2,530	4,425	2,425	121.25%
533640 - Hauling Fees	2,178	2,940	2,410	3,350	410	13.95%
533660 - Small Plants Exp	20,471	28,485	24,300	23,155	(5,330)	-18.71%

Expense Detail (continued)

South Rockwall WWTP		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	
Services (continued)							
533670 - Hauling and Dewatering	\$ 39,633	\$ 83,305	\$ 69,215	\$ 67,550	\$ (15,755)		-18.91%
533900 - Permits, Ins, & Lic Fees	17,271	18,105	18,105	16,115	(1,990)		-10.99%
534000 - Uninsured losses	592	-	-	-	-		0.00%
Shared Services	292,131	276,260	264,760	302,665	26,405		9.56%
Services Total	\$ 1,207,253	\$ 913,380	\$ 902,945	\$ 988,940	\$ 75,560		8.27%
Capital Outlay							
540500 - Machinery	\$ 51,566	\$ 62,000	\$ 62,000	\$ 12,000	\$ (50,000)		-80.65%
543660 - Small Plants Capital	11,558	12,390	12,390	9,800	(2,590)		-20.90%
Capital Outlay Total	\$ 63,125	\$ 74,390	\$ 74,390	\$ 21,800	\$ (52,590)		-70.69%
Escrow							
550700 - Prev Maint Escrow	\$ -	\$ -	\$ -	\$ 80,100	\$ 80,100		0.00%
Escrow Total	\$ -	\$ -	\$ -	\$ 80,100	\$ 80,100		0.00%
Debt Service							
571000 - Tsf to I & S	\$ 242,000	\$ 246,200	\$ 246,200	\$ 247,200	\$ 1,000		0.41%
579000 - Bond Service Fees	4,510	4,690	4,690	4,690	-		0.00%
Debt Service Total	\$ 246,510	\$ 250,890	\$ 250,890	\$ 251,890	\$ 1,000		0.40%
Grand Total	\$ 1,948,051	\$ 1,735,465	\$ 1,735,235	\$ 1,870,600	\$ 135,135		7.79%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$135,135 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- Other Services increased for manhole and biouinit rehabilitation
- A transfer to Preventative Maintenance Escrow to fund future structural or equipment rehabilitation and cleanings

North Rockwall (Squabble Creek) Wastewater Treatment Plant

Revenues and Expenses

North Rockwall WWTP	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 574,839	\$ 697,930	\$ 712,565	\$ 756,185	\$ 58,255	8.35%
Total Wastewater Sales	\$ 574,839	\$ 697,930	\$ 712,565	\$ 756,185	\$ 58,255	8.35%
Other						
440040-Recov of Prior Year Exp	\$ 1,180	\$ -	\$ -	\$ -	\$ -	0.00%
440140-Master Card Rebates	1,586	-	-	-	-	0.00%
440999-Miscellaneous Revenue	2	-	-	-	-	0.00%
459100-Tfr from Escrow Fund	58,000	-	-	-	-	0.00%
730000-Sale of Capital Assets	347	-	-	-	-	0.00%
Total Other	\$ 61,115	\$ -	\$ -	\$ -	\$ -	0.00%
441000-Interest Income	\$ 68	\$ 80	\$ 300	\$ 300	\$ 220	275.00%
Revenues Total	\$ 636,022	\$ 698,010	\$ 712,865	\$ 756,485	\$ 58,475	8.38%
Expenses Total	\$ (636,022)	\$ (698,010)	\$ (712,865)	\$ (756,485)	\$ (58,475)	8.38%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

North Rockwall WWTP	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
Personnel						
510000 - Wages	\$ 86,349	\$ 105,210	\$ 100,550	\$ 120,455	\$ 15,245	14.49%
511060 - Overtime	11,198	9,885	9,885	10,890	1,005	10.17%
512000 - Social Security	7,212	8,060	7,865	9,215	1,155	14.33%
513000 - Workers' Comp Ins	1,835	1,870	1,755	2,090	220	11.76%
513020 - Hospitalization Ins	26,092	30,015	30,050	37,175	7,160	23.85%
513040 - Dental Ins	1,549	1,610	1,495	1,865	255	15.84%
513060 - Life Ins	228	255	250	295	40	15.69%
514000 - Retirement	11,550	18,105	18,105	16,240	(1,865)	-10.30%
514010 - Retiree - Insurance	2,014	5,810	5,810	5,310	(500)	-8.61%
514020 - Comp Absences-vacation	550	2,725	2,725	1,540	(1,185)	-43.49%
514030 - Comp Absences-sick	700	-	-	700	700	0.00%
515000 - Cell Phone Stipend	732	770	680	800	30	3.90%
Personnel Total	\$ 150,009	\$ 184,315	\$ 179,170	\$ 206,575	\$ 22,260	12.08%
Supplies						
520300 - Clothing Supplies	\$ 562	\$ 1,200	\$ 1,450	\$ 590	\$ (610)	-50.83%
520700 - Machine Oil & Lube	565	600	600	600	-	0.00%
520800 - Small Tools & Equip	9,545	7,000	2,000	1,000	(6,000)	-85.71%
520810 - Fire Extinguishers	-	160	160	160	-	0.00%
521110 - Safety Supplies	138	1,750	750	1,750	-	0.00%
521200 - Chem - Other	15,100	100	100	100	-	0.00%
521203 - Chem - Chlorine	14,344	24,930	31,430	22,265	(2,665)	-10.69%
521209 - Chem - Polymers	-	14,640	14,640	13,595	(1,045)	-7.14%
521210 - Chem - Hypochlorite	-	1,145	1,145	860	(285)	-24.89%

Expense Detail (continued)

North Rockwall WWTP	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 (continued)						
521211 - Chem - Sulfur Dioxide	\$ 12,050	\$ 23,400	\$ 23,400	\$ 18,195	\$ (5,205)	-22.24%
521215 - Chem - Bioxide	59,675	69,870	89,045	98,110	28,240	40.42%
521400 - Electrical Supplies	11,886	6,000	3,500	6,000	-	0.00%
521500 - Mechanical Supplies	28,117	15,000	27,500	18,100	3,100	20.67%
521600 - Pipeline Supplies	709	-	-	-	-	0.00%
521700 - Building Supplies	505	1,000	1,000	1,000	-	0.00%
522000 - Equipment Supplies	-	2,025	25	2,025	-	0.00%
522200 - Road Maint Supplies	-	1,200	-	1,200	-	0.00%
523000 - Other Supplies	62	2,500	2,500	2,500	-	0.00%
523660 - Small Plants Supplies	14,768	19,760	17,725	22,455	2,695	13.64%
Supplies Total	\$ 168,027	\$ 192,280	\$ 216,970	\$ 210,505	\$ 18,225	9.48%
Services						
530300 - Automotive Insurance	\$ 1,086	\$ 965	\$ 965	\$ 1,460	\$ 495	51.30%
530400 - Fire & Exten Cov Ins	676	865	865	1,005	140	16.18%
530900 - General Liability Ins	63	95	95	115	20	21.05%
531000 - Telephone	-	2,220	220	-	(2,220)	-100.00%
531020 - Internet Service	90	90	90	90	-	0.00%
531100 - Electric Power	106,333	45,000	70,000	43,800	(1,200)	-2.67%
531310 - Special Studies & Rpts	-	2,500	2,500	2,500	-	0.00%
531400 - Legal Service	3,030	6,500	6,500	16,500	10,000	153.85%
531700 - Advertising	529	3,200	2,200	2,300	(900)	-28.13%
531800 - Rent or Lease Payment	2,507	2,000	5,800	4,500	2,500	125.00%
531900 - Travel and Training	-	-	10	-	-	0.00%
532200 - Equipment Maintenance	4,677	3,500	90	3,500	-	0.00%
532800 - Grounds Maintenance	2,240	3,600	5,220	1,800	(1,800)	-50.00%
532900 - Electrical Sys Maint	-	2,500	1,000	2,500	-	0.00%
533000 - Other Services	900	10,000	3,700	22,000	12,000	120.00%
533100 - Administration	1,065	1,070	1,070	2,140	1,070	100.00%
533380 - Odor Control Crew	-	500	500	500	-	0.00%
533500 - Lab Svc - Contract	4,163	7,580	5,080	5,000	(2,580)	-34.04%
533630 - Landfill Service Fees	11,891	10,485	11,985	10,330	(155)	-1.48%
533640 - Hauling Fees	8,325	10,045	8,545	7,520	(2,525)	-25.14%
533660 - Small Plants Exp	13,217	19,650	16,760	16,540	(3,110)	-15.83%
533670 - Hauling and Dewatering	-	3,350	1,350	-	(3,350)	-100.00%
533900 - Permits, Ins, & Lic Fees	9,753	10,360	10,360	8,345	(2,015)	-19.45%
534000 - Uninsured losses	629	-	-	-	-	0.00%
Shared Services	138,842	156,800	143,280	170,760	13,960	8.90%
Services Total	\$ 310,015	\$ 302,875	\$ 298,185	\$ 323,205	\$ 20,330	6.71%
Capital Outlay						
540500 - Machinery	\$ -	\$ 10,000	\$ 10,000	\$ 9,200	\$ (800)	-8.00%
543660 - Small Plants Capital	7,971	8,540	8,540	7,000	(1,540)	-18.03%
Capital Outlay Total	\$ 7,971	\$ 18,540	\$ 18,540	\$ 16,200	\$ (2,340)	-12.62%
Grand Total	\$ 636,022	\$ 698,010	\$ 712,865	\$ 756,485	\$ 58,475	8.38%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$58,475 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages and Insurance costs
- Chemicals increased due to rising costs
- Shared Services allocation increased for FY23

Panther Creek Wastewater Treatment Plant

Position Summary

Panther Creek WWTP			
Full-Time Positions	FY22	FY23	Difference
Information Systems Assistant	1.00	1.00	-
Lead Wastewater Plant Operator	2.00	2.00	-
Sewer System Plants Manager	1.00	1.00	-
Wastewater Plant Operator II	8.00	8.00	-
Wastewater Plant Operator III	4.00	4.00	-
Wastewater Plant Supervisor I *	1.00	1.00	-
Wastewater Plant Supervisor II	1.00	1.00	-
Total Full-Time Positions	18.00	18.00	-

* Title change per FY22 Compensation Study

Revenues and Expenses

Panther Creek WWTP	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 8,943,103	\$ 10,057,875	\$ 10,120,110	\$ 10,384,810	\$ 326,935	3.25%
Total Wastewater Sales	\$ 8,943,103	\$ 10,057,875	\$ 10,120,110	\$ 10,384,810	\$ 326,935	3.25%
Other						
440040-Recov of Prior Yr Exp	\$ 14,539	\$ -	\$ -	\$ -	\$ -	0.00%
440140-Master Card Rebates	7,781	-	-	-	-	0.00%
440999-Misc Revenue	17	-	-	-	-	0.00%
730000-Sale of Capital Assets	2,590	-	-	-	-	0.00%
Total Other	\$ 24,927	\$ -	\$ -	\$ -	\$ -	0.00%
441000-Interest Income	\$ 931	\$ 955	\$ 6,105	\$ 6,105	\$ 5,150	539.27%
Revenues Total	\$ 8,968,961	\$ 10,058,830	\$ 10,126,215	\$ 10,390,915	\$ 332,085	3.30%
Expenses Total	\$ (8,968,961)	\$ (10,058,830)	\$ (10,126,215)	\$ (10,390,915)	\$ (332,085)	3.30%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Panther Creek WWTP	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
Personnel						
510000 - Wages	\$ 1,041,805	\$ 1,148,220	\$ 1,125,215	\$ 1,252,900	\$ 104,680	9.12%
511060 - Overtime	56,458	60,000	80,000	60,000	-	0.00%
512000 - Social Security	80,411	87,845	86,095	95,840	7,995	9.10%
513000 - Workers' Comp Ins	23,384	20,630	19,975	22,915	2,285	11.08%
513020 - Hospitalization Ins	255,067	276,285	276,550	315,665	39,380	14.25%
513040 - Dental Ins	13,858	14,010	12,495	13,550	(460)	-3.28%
513060 - Life Ins	2,739	2,780	2,715	3,065	285	10.25%
514000 - Retirement	138,200	167,985	167,985	173,525	5,540	3.30%
514010 - Retiree - Insurance	47,292	53,945	53,945	56,725	2,780	5.15%
514020 - Comp Absences-vacation	5,245	19,900	19,900	7,760	(12,140)	-61.01%
514030 - Comp Absences-sick	450	-	-	3,545	3,545	0.00%
515000 - Cell Phone Stipend	8,677	8,140	7,250	8,015	(125)	-1.54%
Personnel Total	\$ 1,673,586	\$ 1,859,740	\$ 1,852,125	\$ 2,013,505	\$ 153,765	8.27%

Expense Detail (continued)

Panther Creek WWTP	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						
520100 - Office Supplies	\$ 2,128	\$ 1,885	\$ 1,885	\$ 1,885	\$ -	0.00%
520110 - Computer Supplies	1,175	9,225	9,225	9,475	250	2.71%
520200 - Xerox Supplies	474	2,660	2,660	-	(2,660)	-100.00%
520300 - Clothing Supplies	8,043	8,200	8,200	8,200	-	0.00%
520600 - Fuel, Oil and Lube	6,676	4,745	7,810	7,040	2,295	48.37%
520610 - Generator Fuel	4,535	2,700	2,700	5,340	2,640	97.78%
520630 - Toll Fees	1,697	1,035	1,035	1,035	-	0.00%
520700 - Machine Oil & Lube	2,705	2,980	3,680	2,980	-	0.00%
520800 - Small Tools & Equip	12,001	12,660	12,500	12,660	-	0.00%
520810 - Fire Extinguishers	-	400	400	400	-	0.00%
520900 - Janitorial Supplies	2,253	2,500	3,200	2,500	-	0.00%
521000 - Laboratory Supplies	4,409	3,955	3,955	5,735	1,780	45.01%
521100 - Medical Supplies	17	575	575	575	-	0.00%
521110 - Safety Supplies	7,630	7,905	11,905	6,915	(990)	-12.52%
521200 - Chem - Other	3,985	8,800	8,800	5,775	(3,025)	-34.38%
521201 - Chem - Lime	-	10,405	10,405	-	(10,405)	-100.00%
521203 - Chem - Chlorine	-	860	860	620	(240)	-27.91%
521209 - Chem - Polymers	40,986	44,165	44,165	51,200	7,035	15.93%
521210 - Chem - Hypochlorite	9,342	28,715	28,715	42,980	14,265	49.68%
521212 - Chem - Liq Ferr Sulfate	55,190	67,450	67,450	100,800	33,350	49.44%
521214 - Chem - Caustic	-	8,440	8,440	-	(8,440)	-100.00%
521215 - Chem - Bioxide	544,364	628,450	588,380	559,800	(68,650)	-10.92%
521300 - Botanical Supplies	550	2,500	2,500	2,500	-	0.00%
521400 - Electrical Supplies	156,409	128,150	118,150	112,650	(15,500)	-12.10%
521500 - Mechanical Supplies	104,400	167,700	155,700	195,950	28,250	16.85%
521700 - Building Supplies	3,210	1,500	1,500	1,500	-	0.00%
521900 - Vehicle Supplies	2,930	3,035	3,035	2,035	(1,000)	-32.95%
521910 - Tires and Tubes	1,482	4,530	4,530	4,530	-	0.00%
522000 - Equipment Supplies	20,896	18,800	11,295	9,600	(9,200)	-48.94%
522100 - Welding Supplies	-	650	650	650	-	0.00%
523000 - Other Supplies	14,805	27,790	27,790	22,510	(5,280)	-19.00%
Supplies Total	\$ 1,012,295	\$ 1,213,365	\$ 1,152,095	\$ 1,177,840	\$ (35,525)	-2.93%
Services						
530300 - Automotive Insurance	\$ 2,156	\$ 2,265	\$ 2,265	\$ 2,020	\$ (245)	-10.82%
530400 - Fire & Exten Cov Ins	45,731	58,560	60,825	84,425	25,865	44.17%
530900 - General Liability Ins	745	2,030	2,030	1,185	(845)	-41.63%
531000 - Telephone	420	7,100	7,100	7,100	-	0.00%
531020 - Internet Service	25,316	33,305	33,305	33,385	80	0.24%
531100 - Electric Power	524,551	525,000	620,000	557,000	32,000	6.10%
531110 - Nat Gas, Butane & Kero	585	1,155	1,155	1,155	-	0.00%
531200 - Bank Service Fees	24	40	40	40	-	0.00%
531310 - Special Studies & Rpts	8,959	29,000	29,000	10,000	(19,000)	-65.52%
531400 - Legal Service	34,083	6,500	6,500	6,000	(500)	-7.69%
531700 - Advertising	1,765	4,600	4,600	300	(4,300)	-93.48%
531800 - Rent or Lease Payment	3,435	4,340	6,040	7,075	2,735	63.02%

Expense Detail (continued)

Panther Creek WWTP	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
Services (continued)						
531900 - Travel and Training	\$ 5,241	\$ 16,175	\$ 16,175	\$ 17,160	\$ 985	6.09%
532000 - Mem & Subscriptions	5,235	4,460	4,620	4,535	75	1.68%
532100 - Vehicle Maint	1,216	2,000	2,000	2,000	-	0.00%
532110 - Veh Maint by Solid Waste	2,167	1,000	1,400	1,000	-	0.00%
532200 - Equipment Maintenance	23,771	31,300	31,300	35,905	4,605	14.71%
532800 - Grounds Maintenance	9,680	16,940	16,940	19,600	2,660	15.70%
532850 - Building Maintenance	5,883	27,360	27,360	20,360	(7,000)	-25.58%
532900 - Electrical Sys Maint	40,904	23,000	23,000	23,000	-	0.00%
533000 - Other Services	99,315	94,200	94,200	29,200	(65,000)	-69.00%
533030 - Contractual Safety Serv	-	9,370	9,370	9,370	-	0.00%
533100 - Administration	10,275	9,555	9,555	19,110	9,555	100.00%
533380 - Odor Control Crew	243	3,500	3,500	3,500	-	0.00%
533500 - Lab Svc - Contract	6,455	11,490	11,490	11,490	-	0.00%
533630 - Landfill Service Fees	319,499	343,340	243,340	304,150	(39,190)	-11.41%
533640 - Hauling Fees	112,096	126,000	91,000	120,750	(5,250)	-4.17%
533900 - Permits, Ins, & Lic Fees	47,329	49,370	49,370	47,355	(2,015)	-4.08%
534000 - Uninsured losses	3,101	-	-	-	-	0.00%
Shared Services	947,570	1,155,890	1,153,630	1,344,785	188,895	16.34%
Services Total	\$ 2,287,750	\$ 2,598,845	\$ 2,561,110	\$ 2,722,955	\$ 124,110	4.78%
Capital Outlay						
540300 - Vehicle Equipment	\$ -	\$ 11,000	\$ 10,765	\$ 46,405	\$ 35,405	321.86%
540500 - Machinery	24,900	-	-	35,000	35,000	0.00%
540700 - Non-Vehicle Equipment	-	10,000	9,170	-	(10,000)	-100.00%
Capital Outlay Total	\$ 24,900	\$ 21,000	\$ 19,935	\$ 81,405	\$ 60,405	287.64%
Escrow						
550700 - Prev Maint Escrow	\$ -	\$ -	\$ 175,070	\$ 61,830	\$ 61,830	0.00%
Escrow Total	\$ -	\$ -	\$ 175,070	\$ 61,830	\$ 61,830	0.00%
Debt Service						
571000 - Tsf to I & S	\$ 3,963,000	\$ 4,349,100	\$ 4,349,100	\$ 4,317,000	\$ (32,100)	-0.74%
579000 - Bond Service Fees	7,430	16,780	16,780	16,380	(400)	-2.38%
Debt Service Total	\$ 3,970,430	\$ 4,365,880	\$ 4,365,880	\$ 4,333,380	\$ (32,500)	-0.74%
Grand Total	\$ 8,968,961	\$ 10,058,830	\$ 10,126,215	\$ 10,390,915	\$ 332,085	3.30%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$332,085 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- Shared Services allocation increased for FY23
- Vehicle Equipment increased to replace a truck per the vehicle replacement schedule
- Machinery increased to replace a worn and aging nonpot pump

Sabine Creek Wastewater Treatment Plant

Revenues and Expenses

Sabine Creek WWTP	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 2,855,503	\$ 3,116,090	\$ 3,140,690	\$ 6,832,915	\$ 3,716,825	119.28%
Total Wastewater Sales	\$ 2,855,503	\$ 3,116,090	\$ 3,140,690	\$ 6,832,915	\$ 3,716,825	119.28%
Other						
440040-Recov of Prior Year Exp	\$ 2,258	\$ -	\$ -	\$ -	\$ -	0.00%
440070-Rental/Lease Income	100	-	-	-	-	0.00%
440140-Master Card Rebates	1,607	-	-	-	-	0.00%
440999-Miscellaneous Revenue	2,404	-	-	-	-	0.00%
459100-Tfr from Escrow Fund	-	-	-	12,500	12,500	0.00%
730000-Sale of Capital Assets	347	-	-	-	-	0.00%
Total Other	\$ 6,715	\$ -	\$ -	\$ 12,500	\$ 12,500	0.00%
441000-Interest Income	\$ 316	\$ 435	\$ 1,585	\$ 1,585	\$ 1,150	264.37%
Revenues Total	\$ 2,862,534	\$ 3,116,525	\$ 3,142,275	\$ 6,847,000	\$ 3,730,475	119.70%
Expenses Total	\$ (2,862,534)	\$ (3,116,525)	\$ (3,142,275)	\$ (6,847,000)	\$ (3,730,475)	119.70%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Sabine Creek WWTP	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
Personnel						
510000 - Wages	\$ 163,594	\$ 196,505	\$ 188,060	\$ 213,205	\$ 16,700	8.50%
511060 - Overtime	21,115	17,790	17,790	18,775	985	5.54%
512000 - Social Security	13,631	15,040	14,705	16,300	1,260	8.38%
513000 - Workers' Comp Ins	3,441	3,405	3,180	3,645	240	7.05%
513020 - Hospitalization Ins	47,549	54,550	54,725	64,150	9,600	17.60%
513040 - Dental Ins	2,897	2,975	2,735	3,225	250	8.40%
513060 - Life Ins	434	475	470	515	40	8.42%
514000 - Retirement	20,015	27,585	27,585	30,895	3,310	12.00%
514010 - Retiree - Insurance	3,488	8,860	8,860	10,100	1,240	14.00%
514020 - Comp Absences-vacation	1,110	5,425	5,425	2,960	(2,465)	-45.44%
514030 - Comp Absences-sick	1,330	-	-	1,140	1,140	0.00%
515000 - Cell Phone Stipend	1,350	1,425	1,250	1,400	(25)	-1.75%
Personnel Total	\$ 279,953	\$ 334,035	\$ 324,785	\$ 366,310	\$ 32,275	9.66%
Supplies						
520100 - Office Supplies	\$ 1,555	\$ 2,055	\$ 1,020	\$ 2,055	\$ -	0.00%
520110 - Computer Supplies	248	880	1,085	900	20	2.27%
520200 - Xerox Supplies	-	50	30	-	(50)	-100.00%
520300 - Clothing Supplies	925	2,160	2,160	1,020	(1,140)	-52.78%
520600 - Fuel, Oil and Lube	-	35	-	35	-	0.00%
520610 - Generator Fuel	1,057	420	570	780	360	85.71%
520630 - Toll Fees	-	5	5	5	-	0.00%
520700 - Machine Oil & Lube	1,952	4,000	1,900	4,000	-	0.00%
520800 - Small Tools & Equip	4,472	4,000	1,000	4,000	-	0.00%

Expense Detail (continued)

Sabine Creek WWTP	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 (continued)						
520810 - Fire Extinguishers	\$ -	\$ 400	\$ 400	\$ 400	\$ -	0.00%
520900 - Janitorial Supplies	491	1,200	200	1,200	-	0.00%
521000 - Laboratory Supplies	1,516	2,000	800	2,000	-	0.00%
521110 - Safety Supplies	605	2,020	320	2,020	-	0.00%
521200 - Chem - Other	37,648	600	700	600	-	0.00%
521203 - Chem - Chlorine	3,304	6,890	6,890	5,295	(1,595)	-23.15%
521209 - Chem - Polymers	-	36,810	29,810	42,975	6,165	16.75%
521210 - Chem - Hypochlorite	-	1,720	1,720	1,720	-	0.00%
521400 - Electrical Supplies	82,063	28,000	31,000	28,000	-	0.00%
521500 - Mechanical Supplies	30,942	20,000	38,000	34,020	14,020	70.10%
521700 - Building Supplies	2,063	2,750	3,850	4,250	1,500	54.55%
521900 - Vehicle Supplies	205	5	105	5	-	0.00%
521910 - Tires and Tubes	-	15	15	15	-	0.00%
522000 - Equipment Supplies	3,009	5,025	3,025	5,025	-	0.00%
522200 - Road Maint Supplies	766	2,400	700	2,400	-	0.00%
523000 - Other Supplies	8,013	8,000	8,800	8,000	-	0.00%
523660 - Small Plants Supplies	27,760	35,575	31,910	38,715	3,140	8.83%
Supplies Total	\$ 208,591	\$ 167,015	\$ 166,015	\$ 189,435	\$ 22,420	13.42%
Services						
530300 - Automotive Insurance	\$ 2,266	\$ 2,550	\$ 2,550	\$ 3,405	\$ 855	33.53%
530400 - Fire & Exten Cov Ins	3,775	4,835	4,835	5,820	985	20.37%
530900 - General Liability Ins	487	600	1,210	7,255	6,655	1109.17%
531000 - Telephone	7,255	4,080	4,080	4,080	-	0.00%
531020 - Internet Service	180	1,460	1,460	1,480	20	1.37%
531100 - Electric Power	205,830	200,000	235,000	200,000	-	0.00%
531120 - Retail Water Service	1,300	1,200	1,200	1,200	-	0.00%
531200 - Bank Service Fees	5	5	5	5	-	0.00%
531310 - Special Studies & Rpts	7,610	20,000	20,000	80,000	60,000	300.00%
531400 - Legal Service	19,578	40,500	9,760	41,000	500	1.23%
531700 - Advertising	3,922	4,600	4,600	2,300	(2,300)	-50.00%
531800 - Rent or Lease Payment	1,100	145	835	210	65	44.83%
531900 - Travel and Training	-	765	765	1,105	340	44.44%
532000 - Mem & Subscriptions	986	825	945	840	15	1.82%
532110 - Veh Maint by Solid Waste	18	-	50	-	-	0.00%
532200 - Equipment Maintenance	38,660	27,100	37,780	27,100	-	0.00%
532800 - Grounds Maintenance	4,060	2,900	2,900	3,250	350	12.07%
532850 - Building Maintenance	-	2,390	-	2,390	-	0.00%
532900 - Electrical Sys Maint	19,739	12,000	12,130	24,000	12,000	100.00%
533000 - Other Services	67,571	54,220	85,020	23,220	(31,000)	-57.17%
533100 - Administration	2,275	2,315	2,315	4,625	2,310	99.78%
533380 - Odor Control Crew	-	100	-	100	-	0.00%
533500 - Lab Svc - Contract	5,195	8,300	4,300	8,300	-	0.00%
533630 - Landfill Service Fees	91,511	79,405	72,905	89,420	10,015	12.61%
533640 - Hauling Fees	66,676	60,500	55,450	73,080	12,580	20.79%

Expense Detail (continued)

Sabine Creek WWTP	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
Services (continued)						
533660 - Small Plants Exp	\$ 24,843	\$ 35,360	\$ 30,160	\$ 28,510	\$ (6,850)	-19.37%
533900 - Permits, Ins, & Lic Fees	21,779	57,835	52,835	30,835	(27,000)	-46.68%
534000 - Uninsured losses	1,449	-	-	-	-	0.00%
Shared Services	264,763	316,855	323,655	458,135	141,280	44.59%
Services Total	\$ 862,832	\$ 940,845	\$ 966,745	\$ 1,121,665	\$ 180,820	19.22%
Capital Outlay						
540300 - Vehicle Equipment	\$ 226	\$ -	\$ -	\$ -	\$ -	0.00%
540500 - Machinery	41,514	72,000	82,100	9,600	(62,400)	-86.67%
543660 - Small Plants Capital	14,348	15,370	15,370	12,070	(3,300)	-21.47%
Capital Outlay Total	\$ 56,088	\$ 87,370	\$ 97,470	\$ 21,670	\$ (65,700)	-75.20%
Debt Service						
571000 - Tsf to I & S	\$ 1,448,800	\$ 1,577,100	\$ 1,577,100	\$ 5,136,800	\$ 3,559,700	225.71%
579000 - Bond Service Fees	6,270	10,160	10,160	11,120	960	9.45%
Debt Service Total	\$ 1,455,070	\$ 1,587,260	\$ 1,587,260	\$ 5,147,920	\$ 3,560,660	224.33%
Grand Total	\$ 2,862,534	\$ 3,116,525	\$ 3,142,275	\$ 6,847,000	\$ 3,730,475	119.70%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$3,730,475 from the FY22 Original Budget. Major variances are explained below:

- Special Studies & Reports increased for permit amendment support
- Shared Services allocation increased for FY23
- Debt service increased as a result of the payment for the debt issued in FY22 for the plant expansion

Stewart Creek Wastewater Treatment Plant

Position Summary

Stewart Creek WWTP			
Full-Time Positions	FY22	FY23	Difference
Information Systems Assistant	1.00	1.00	-
Lead Wastewater Plant Operator	2.00	2.00	-
Professional Engineer	1.00	1.00	-
Wastewater Mechanic	1.00	1.00	-
Wastewater Plant Operator II	8.00	8.00	-
Wastewater Plant Operator III	4.00	4.00	-
Wastewater Plant Supervisor I *	1.00	1.00	-
Wastewater Plant Supervisor II	1.00	1.00	-
Total Full-Time Positions	19.00	19.00	-

* Title change per FY22 Compensation Study

Revenues and Expenses

Stewart Creek WWTP	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 8,832,568	\$ 10,388,600	\$ 10,419,535	\$ 11,291,440	\$ 902,840	8.69%
Total Wastewater Sales	\$ 8,832,568	\$ 10,388,600	\$ 10,419,535	\$ 11,291,440	\$ 902,840	8.69%
Other						
440040-Recov of Prior Yr Exp	\$ 11,725	\$ -	\$ -	\$ -	\$ -	0.00%
440140-Master Card Rebates	4,923	-	-	-	-	0.00%
440999-Misc. Revenue	172	-	-	-	-	0.00%
Total Other	\$ 16,820	\$ -	\$ -	\$ -	\$ -	0.00%
441000-Interest Income	\$ 1,235	\$ 1,345	\$ 6,775	\$ 6,775	\$ 5,430	403.72%
Revenues Total	\$ 8,850,623	\$ 10,389,945	\$ 10,426,310	\$ 11,298,215	\$ 908,270	8.74%
Expenses Total	\$ (8,850,623)	\$ (10,389,945)	\$ (10,426,310)	\$ (11,298,215)	\$ (908,270)	8.74%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Stewart Creek WWTP	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
Personnel						
510000 - Wages	\$ 980,863	\$ 1,173,715	\$ 1,058,210	\$ 1,281,295	\$ 107,580	9.17%
511060 - Overtime	111,737	110,000	110,000	110,000	-	0.00%
512000 - Social Security	79,854	89,800	83,825	98,015	8,215	9.15%
513000 - Workers' Comp Ins	22,637	22,520	19,645	24,010	1,490	6.62%
513020 - Hospitalization Ins	216,495	245,885	239,000	292,655	46,770	19.02%
513040 - Dental Ins	9,506	9,960	9,970	12,600	2,640	26.51%
513060 - Life Ins	2,627	2,845	2,565	3,145	300	10.54%
514000 - Retirement	114,805	152,325	152,325	174,215	21,890	14.37%
514010 - Retiree - Insurance	68,502	48,915	48,915	56,950	8,035	16.43%
514020 - Comp Absences-vacation	3,905	31,120	31,120	1,125	(29,995)	-96.38%
514030 - Comp Absences-sick	-	-	-	10,905	10,905	0.00%
515000 - Cell Phone Stipend	7,880	8,580	6,455	7,970	(610)	-7.11%
Personnel Total	\$ 1,618,811	\$ 1,895,665	\$ 1,762,030	\$ 2,072,885	\$ 177,220	9.35%

Expense Detail (continued)

Stewart Creek WWTP	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						
520100 - Office Supplies	\$ 1,232	\$ 6,255	\$ 6,255	\$ 6,255	\$ -	0.00%
520110 - Computer Supplies	1,329	6,410	6,910	8,240	1,830	28.55%
520200 - Xerox Supplies	156	1,730	730	-	(1,730)	-100.00%
520300 - Clothing Supplies	8,125	19,590	15,590	13,555	(6,035)	-30.81%
520600 - Fuel, Oil and Lube	9,339	5,175	13,175	10,055	4,880	94.30%
520610 - Generator Fuel	5,970	10,250	10,250	17,000	6,750	65.85%
520630 - Toll Fees	1,315	1,530	1,530	1,530	-	0.00%
520700 - Machine Oil & Lube	1,142	9,140	9,140	9,200	60	0.66%
520800 - Small Tools & Equip	23,455	22,330	31,330	32,030	9,700	43.44%
520810 - Fire Extinguishers	-	900	-	900	-	0.00%
520900 - Janitorial Supplies	2,345	3,500	3,500	3,500	-	0.00%
521000 - Laboratory Supplies	13,250	11,800	23,800	23,435	11,635	98.60%
521100 - Medical Supplies	-	1,955	955	1,955	-	0.00%
521110 - Safety Supplies	13,309	24,655	12,655	24,190	(465)	-1.89%
521200 - Chem - Other	9,996	44,150	33,350	13,160	(30,990)	-70.19%
521203 - Chem - Chlorine	13,924	9,295	20,095	12,600	3,305	35.56%
521209 - Chem - Polymers	34,272	80,520	80,520	75,950	(4,570)	-5.68%
521210 - Chem - Hypochlorite	13,271	56,260	56,260	18,880	(37,380)	-66.44%
521211 - Chem - Sulfur Dioxide	2,229	-	-	-	-	0.00%
521212 - Chem - Liq Ferr Sulfate	91,362	199,510	199,510	288,000	88,490	44.35%
521214 - Chem - Caustic	3,970	20,250	20,250	14,535	(5,715)	-28.22%
521215 - Chem - Bioxide	352,084	467,460	467,460	500,310	32,850	7.03%
521300 - Botanical Supplies	-	1,000	140	1,000	-	0.00%
521400 - Electrical Supplies	42,560	103,500	103,500	81,500	(22,000)	-21.26%
521500 - Mechanical Supplies	56,196	179,850	209,850	315,625	135,775	75.49%
521700 - Building Supplies	741	11,000	1,000	13,500	2,500	22.73%
521900 - Vehicle Supplies	3,957	4,030	4,030	4,030	-	0.00%
521910 - Tires and Tubes	739	4,040	4,040	4,640	600	14.85%
522000 - Equipment Supplies	5,186	4,000	4,000	4,000	-	0.00%
522100 - Welding Supplies	639	750	750	750	-	0.00%
522200 - Road Maint Supplies	-	1,000	1,000	1,000	-	0.00%
523000 - Other Supplies	6,899	31,460	42,960	35,900	4,440	14.11%
Supplies Total	\$ 718,992	\$ 1,343,295	\$ 1,384,535	\$ 1,537,225	\$ 193,930	14.44%
Services						
530300 - Automotive Insurance	\$ 1,304	\$ 1,345	\$ 1,345	\$ 1,930	\$ 585	43.49%
530400 - Fire & Exten Cov Ins	2,812	3,600	10,100	13,410	9,810	272.50%
530900 - General Liability Ins	1,153	1,715	1,715	1,510	(205)	-11.95%
531000 - Telephone	-	3,120	120	-	(3,120)	-100.00%
531020 - Internet Service	19,069	24,265	24,265	24,430	165	0.68%
531100 - Electric Power	461,494	525,000	695,000	630,000	105,000	20.00%
531110 - Nat Gas, Butane & Kero	7,922	8,040	8,040	8,040	-	0.00%
531120 - Retail Water Service	-	3,600	585	15	(3,585)	-99.58%
531200 - Bank Service Fees	15	20	20	20	-	0.00%
531310 - Special Studies & Rpts	1,200	5,000	5,000	5,000	-	0.00%
531400 - Legal Service	12,557	5,500	5,500	6,000	500	9.09%

Expense Detail (continued)

Stewart Creek WWTP	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
Services (continued)						
531700 - Advertising	\$ 1,610	\$ 200	\$ 220	\$ 300	\$ 100	50.00%
531800 - Rent or Lease Payment	34,775	14,655	27,655	22,450	7,795	53.19%
531900 - Travel and Training	4,486	18,625	18,625	15,995	(2,630)	-14.12%
532000 - Mem & Subscriptions	3,879	3,945	4,810	4,010	65	1.65%
532100 - Vehicle Maint	3,912	3,560	3,560	5,310	1,750	49.16%
532110 - Veh Maint by Solid Waste	1,865	2,000	2,000	3,000	1,000	50.00%
532200 - Equipment Maintenance	44,333	69,075	34,075	94,675	25,600	37.06%
532800 - Grounds Maintenance	-	14,460	14,460	34,100	19,640	135.82%
532850 - Building Maintenance	1,650	40,520	1,520	68,255	27,735	68.45%
532900 - Electrical Sys Maint	60,413	90,000	14,000	110,000	20,000	22.22%
533000 - Other Services	90,685	100,000	219,000	120,000	20,000	20.00%
533030 - Contractual Safety Serv	-	2,645	2,645	1,520	(1,125)	-42.53%
533100 - Administration	8,815	8,915	8,915	17,835	8,920	100.06%
533380 - Odor Control Crew	2,453	4,500	4,500	4,500	-	0.00%
533500 - Lab Svc - Contract	6,235	10,810	10,810	10,810	-	0.00%
533630 - Landfill Service Fees	201,697	314,620	279,620	348,390	33,770	10.73%
533640 - Hauling Fees	82,688	130,200	99,580	145,320	15,120	11.61%
533900 - Permits, Ins, & Lic Fees	28,690	49,370	49,370	47,355	(2,015)	-4.08%
534000 - Uninsured losses	36	-	10	-	-	0.00%
Shared Services	652,028	805,100	846,100	1,103,235	298,135	37.03%
Services Total	\$ 1,737,773	\$ 2,264,405	\$ 2,393,165	\$ 2,847,415	\$ 583,010	25.75%
Capital Outlay						
540300 - Vehicle Equipment	\$ 11,907	\$ 50,500	\$ 59,695	\$ -	\$ (50,500)	-100.00%
540700 - Non-Vehicle Equipment	79,330	145,000	100,805	165,000	20,000	13.79%
Capital Outlay Total	\$ 91,236	\$ 195,500	\$ 160,500	\$ 165,000	\$ (30,500)	-15.60%
Escrow						
550700 - Prev Maint Escrow	\$ -	\$ -	\$ 35,000	\$ 15,000	\$ 15,000	0.00%
Escrow Total	\$ -	\$ -	\$ 35,000	\$ 15,000	\$ 15,000	0.00%
Capital Improvement						
573010 - Tsf to Capital Impr	\$ 125,000	\$ -	\$ -	\$ -	\$ -	0.00%
Capital Improvement Total	\$ 125,000	\$ -	\$ -	\$ -	\$ -	0.00%
Debt Service						
571000 - Tsf to I & S	\$ 4,554,200	\$ 4,686,500	\$ 4,686,500	\$ 4,656,000	\$ (30,500)	-0.65%
579000 - Bond Service Fees	4,610	4,580	4,580	4,690	110	2.40%
Debt Service Total	\$ 4,558,810	\$ 4,691,080	\$ 4,691,080	\$ 4,660,690	\$ (30,390)	-0.65%
Grand Total	\$ 8,850,623	\$ 10,389,945	\$ 10,426,310	\$ 11,298,215	\$ 908,270	8.74%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$908,270 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- Chemicals increased due to rising costs
- Mechanical Supplies increased to install a submersible chopper pump, to purchase a back up submersible pump for the new lift station and for additional maintenance due to plant expansion
- Electric Power increased as of a result of additional flows through the UV system due to plant expansion
- Equipment Maintenance increased for the centrifugal blower inspection and preventative maintenance
- Grounds Maintenance increased due to a larger plant site mowing area due to plant expansion
- Building Maintenance increased to improve solids container building floor drainage
- Shared Services allocation increased for FY23

Muddy Creek Wastewater Treatment Plant

Position Summary

Muddy Creek WWTP			
Full-Time Positions	FY22	FY23	Difference
Information Systems Assistant	1.00	1.00	-
Lead Wastewater Plant Operator	2.00	2.00	-
Wastewater Mechanic	1.00	1.00	-
Wastewater Plant Operator II	7.00	8.00	1.00
Wastewater Plant Operator III	4.00	4.00	-
Wastewater Plant Supervisor I *	1.00	1.00	-
Wastewater Plant Supervisor II	1.00	1.00	-
Wastewater Technician I	1.00	1.00	-
Total Full-Time Positions	18.00	19.00	1.00

* Title change per FY22 Compensation Study

Revenues and Expenses

Muddy Creek WWTP	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 7,322,638	\$ 8,166,130	\$ 8,084,710	\$ 9,779,240	\$ 1,613,110	19.75%
Total Wastewater Sales	\$ 7,322,638	\$ 8,166,130	\$ 8,084,710	\$ 9,779,240	\$ 1,613,110	19.75%
Other						
440040-Recov of Prior Yr Exp	\$ 16,078	\$ -	\$ -	\$ -	\$ -	0.00%
440100-Customers - Debt Svc	344,830	344,830	344,830	344,830	-	0.00%
440140-Master Card Rebates	4,761	-	-	-	-	0.00%
440999-Misc. Revenue	68	-	-	-	-	0.00%
459100-Tfr from Escrow Fund	-	-	-	15,395	15,395	0.00%
730000-Sale of Capital Assets	3,515	-	-	-	-	0.00%
Total Other	\$ 369,251	\$ 344,830	\$ 344,830	\$ 360,225	\$ 15,395	4.46%
441000-Interest Income	\$ 798	\$ 940	\$ 5,165	\$ 5,165	\$ 4,225	449.47%
Revenues Total	\$ 7,692,687	\$ 8,511,900	\$ 8,434,705	\$ 10,144,630	\$ 1,632,730	19.18%
Expenses Total	\$ (7,692,687)	\$ (8,511,900)	\$ (8,434,705)	\$ (10,144,630)	\$ (1,632,730)	19.18%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Muddy Creek WWTP	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
Personnel						
510000 - Wages	\$ 968,172	\$ 1,086,335	\$ 1,069,855	\$ 1,275,415	\$ 189,080	17.41%
511060 - Overtime	101,585	85,000	85,000	85,000	-	0.00%
512000 - Social Security	78,985	83,105	82,865	97,565	14,460	17.40%
513000 - Workers' Comp Ins	21,989	19,725	19,390	23,870	4,145	21.01%
513020 - Hospitalization Ins	178,481	192,240	205,200	241,360	49,120	25.55%
513040 - Dental Ins	9,021	8,705	9,210	10,420	1,715	19.70%
513060 - Life Ins	2,548	2,660	2,615	3,145	485	18.23%
514000 - Retirement	141,215	167,710	167,710	171,280	3,570	2.13%
514010 - Retiree - Insurance	56,729	53,855	53,855	55,990	2,135	3.96%
514020 - Comp Absences-vacation	3,215	11,430	11,430	11,765	335	2.93%
514030 - Comp Absences-sick	2,555	-	-	4,485	4,485	0.00%
515000 - Cell Phone Stipend	8,285	9,045	7,760	8,915	(130)	-1.44%
Personnel Total	\$ 1,572,781	\$ 1,719,810	\$ 1,714,890	\$ 1,989,210	\$ 269,400	15.66%
Supplies						
520100 - Office Supplies	\$ 5,430	\$ 11,260	\$ 11,260	\$ 26,670	\$ 15,410	136.86%
520110 - Computer Supplies	10,167	18,035	18,035	18,810	775	4.30%
520200 - Xerox Supplies	1,203	1,735	1,735	-	(1,735)	-100.00%
520300 - Clothing Supplies	8,487	14,160	14,160	14,200	40	0.28%
520600 - Fuel, Oil and Lube	3,433	6,610	6,610	6,610	-	0.00%
520610 - Generator Fuel	-	7,320	7,320	7,320	-	0.00%
520630 - Toll Fees	92	280	280	280	-	0.00%
520700 - Machine Oil & Lube	1,964	4,890	4,890	4,890	-	0.00%
520800 - Small Tools & Equip	28,577	21,250	21,250	21,250	-	0.00%
520810 - Fire Extinguishers	213	375	375	375	-	0.00%
520900 - Janitorial Supplies	1,168	6,060	6,060	6,060	-	0.00%
521000 - Laboratory Supplies	16,335	16,940	16,940	16,940	-	0.00%
521100 - Medical Supplies	149	1,010	1,010	1,010	-	0.00%
521110 - Safety Supplies	16,550	39,280	39,280	23,220	(16,060)	-40.89%
521200 - Chem - Other	1,678	10,070	10,070	10,070	-	0.00%
521201 - Chem - Lime	5,117	14,565	14,565	-	(14,565)	-100.00%
521203 - Chem - Chlorine	2,988	10,300	10,300	10,300	-	0.00%
521209 - Chem - Polymers	93,196	86,990	86,990	115,220	28,230	32.45%
521210 - Chem - Hypochlorite	5,601	13,580	13,580	20,330	6,750	49.71%
521212 - Chem - Liq Ferr Sulfate	94,332	124,250	124,250	187,200	62,950	50.66%
521214 - Chem - Caustic	4,300	6,750	6,750	9,690	2,940	43.56%
521300 - Botanical Supplies	-	1,500	1,500	1,500	-	0.00%
521400 - Electrical Supplies	60,643	136,340	121,340	136,340	-	0.00%
521500 - Mechanical Supplies	90,462	124,800	111,305	124,800	-	0.00%
521700 - Building Supplies	10,585	14,500	14,500	14,500	-	0.00%
521900 - Vehicle Supplies	2,102	2,935	3,935	4,035	1,100	37.48%
521910 - Tires and Tubes	1,374	4,480	4,480	4,480	-	0.00%
522000 - Equipment Supplies	781	3,825	3,825	3,825	-	0.00%
522100 - Welding Supplies	79	1,000	1,000	1,000	-	0.00%
523000 - Other Supplies	48,986	56,600	51,100	61,900	5,300	9.36%
Supplies Total	\$ 515,991	\$ 761,690	\$ 728,695	\$ 852,825	\$ 91,135	11.96%

Expense Detail (continued)

Muddy Creek WWTP	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
Services						
530300 - Automotive Insurance	\$ 1,255	\$ 1,295	\$ 1,395	\$ 2,795	\$ 1,500	115.83%
530400 - Fire & Exten Cov Ins	19,974	25,575	25,575	31,860	6,285	24.57%
530900 - General Liability Ins	1,394	1,905	1,905	5,805	3,900	204.72%
531020 - Internet Service	49,420	36,740	23,040	36,810	70	0.19%
531100 - Electric Power	814,827	275,000	328,000	282,000	7,000	2.55%
531120 - Retail Water Service	-	-	700	-	-	0.00%
531200 - Bank Service Fees	26	100	100	100	-	0.00%
531310 - Special Studies & Rpts	7,904	12,250	12,250	-	(12,250)	-100.00%
531400 - Legal Service	5,176	5,500	5,500	6,000	500	9.09%
531700 - Advertising	233	200	2,700	300	100	50.00%
531800 - Rent or Lease Payment	3,870	4,605	4,605	6,405	1,800	39.09%
531900 - Travel and Training	1,712	19,790	17,240	15,750	(4,040)	-20.41%
532000 - Mem & Subscriptions	4,397	4,050	4,100	4,120	70	1.73%
532100 - Vehicle Maint	353	2,560	2,560	2,560	-	0.00%
532110 - Veh Maint by Solid Waste	1,594	1,000	3,000	1,000	-	0.00%
532200 - Equipment Maintenance	54,238	67,300	55,300	69,800	2,500	3.71%
532800 - Grounds Maintenance	8,184	12,360	24,360	13,840	1,480	11.97%
532850 - Building Maintenance	8,527	10,380	10,380	10,380	-	0.00%
532900 - Electrical Sys Maint	40,170	24,000	24,000	20,000	(4,000)	-16.67%
533000 - Other Services	168,085	151,000	131,000	298,000	147,000	97.35%
533030 - Contractual Safety Serv	-	3,300	3,300	3,300	-	0.00%
533100 - Administration	9,010	8,680	8,680	17,355	8,675	99.94%
533380 - Odor Control Crew	382	3,000	3,000	3,000	-	0.00%
533500 - Lab Svc - Contract	9,828	11,000	11,000	11,000	-	0.00%
533630 - Landfill Service Fees	263,219	279,460	266,960	301,035	21,575	7.72%
533640 - Hauling Fees	101,560	111,870	104,370	147,305	35,435	31.68%
533900 - Permits, Ins, & Lic Fees	54,105	57,940	57,940	55,925	(2,015)	-3.48%
534000 - Uninsured losses	2,994	-	-	-	-	0.00%
Shared Services	991,460	1,169,485	1,129,985	1,401,410	231,925	19.83%
Services Total	\$ 2,623,896	\$ 2,300,345	\$ 2,262,945	\$ 2,747,855	\$ 447,510	19.45%
Capital Outlay						
540300 - Vehicle Equipment	\$ -	\$ 30,000	\$ 30,000	\$ -	\$ (30,000)	-100.00%
540500 - Machinery	260,189	364,000	334,000	188,000	(176,000)	-48.35%
540700 - Non-Vehicle Equipment	-	-	83,000	-	-	0.00%
Capital Outlay Total	\$ 260,189	\$ 394,000	\$ 447,000	\$ 188,000	\$ (206,000)	-52.28%
Escrow						
550700 - Prev Maint Escrow	\$ -	\$ -	\$ 70,395	\$ -	\$ -	0.00%
Escrow Total	\$ -	\$ -	\$ 70,395	\$ -	\$ -	0.00%

Expense Detail (continued)

Muddy Creek WWTP	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
Debt Service						
571000 - Tsf to I & S	\$ 2,366,000	\$ 2,850,200	\$ 2,850,200	\$ 4,006,500	\$ 1,156,300	40.57%
573000 - Debt Svc-RWS Note	-	125,275	-	-	(125,275)	-100.00%
574010 - DS Acquisition	344,830	344,830	344,830	344,830	-	0.00%
579000 - Bond Service Fees	9,000	15,750	15,750	15,410	(340)	-2.16%
Debt Service Total	\$ 2,719,830	\$ 3,336,055	\$ 3,210,780	\$ 4,366,740	\$ 1,030,685	30.90%
Grand Total	\$ 7,692,687	\$ 8,511,900	\$ 8,434,705	\$ 10,144,630	\$ 1,632,730	19.18%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$1,632,730 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance, Retirement and Compensated Absences-vacation costs. There is also a new Wastewater Plant Operator II position.
- Other Services increased for concrete repair in sludge loading area
- Shared Services allocation increased for FY23
- Debt Service increased reflecting a higher payment in FY23

Seis Lagos Wastewater Treatment Plant

Revenues and Expenses

Seis Lagos WWTP	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 278,495	\$ 327,000	\$ 324,635	\$ 373,905	\$ 46,905	14.34%
Total Wastewater Sales	\$ 278,495	\$ 327,000	\$ 324,635	\$ 373,905	\$ 46,905	14.34%
Other						
440040-Recov of Prior Year Exp	\$ 732	\$ -	\$ -	\$ -	\$ -	0.00%
440140-Master Card Rebates	330	-	-	-	-	0.00%
440999-Miscellaneous Revenue	1	-	-	-	-	0.00%
459100-Tfr from Escrow Fund	14,000	-	-	-	-	0.00%
730000-Sale of Capital Assets	347	-	-	-	-	0.00%
Total Other	\$ 15,410	\$ -	\$ -	\$ -	\$ -	0.00%
441000-Interest Income	\$ 27	\$ 35	\$ 270	\$ 270	\$ 235	671.43%
Revenues Total	\$ 293,932	\$ 327,035	\$ 324,905	\$ 374,175	\$ 47,140	14.41%
Expenses Total	\$ (293,932)	\$ (327,035)	\$ (324,905)	\$ (374,175)	\$ (47,140)	14.41%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Seis Lagos WWTP	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
Personnel						
510000 - Wages	\$ 47,656	\$ 65,995	\$ 63,150	\$ 71,680	\$ 5,685	8.61%
511060 - Overtime	6,172	6,425	6,425	6,760	335	5.21%
512000 - Social Security	3,977	5,045	4,935	5,480	435	8.62%
513000 - Workers' Comp Ins	1,004	1,220	1,135	1,285	65	5.33%
513020 - Hospitalization Ins	13,718	19,220	19,025	22,795	3,575	18.60%
513040 - Dental Ins	839	1,040	965	1,135	95	9.13%
513060 - Life Ins	123	155	155	165	10	6.45%
514000 - Retirement	6,575	7,510	7,510	9,355	1,845	24.57%
514010 - Retiree - Insurance	1,150	2,410	2,410	3,060	650	26.97%
514020 - Comp Absences-vacation	345	1,800	1,800	925	(875)	-48.61%
514030 - Comp Absences-sick	465	-	-	520	520	0.00%
515000 - Cell Phone Stipend	391	515	445	500	(15)	-2.91%
Personnel Total	\$ 82,416	\$ 111,335	\$ 107,955	\$ 123,660	\$ 12,325	11.07%

Expense Detail (continued)

Seis Lagos WWTP	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						
520300 - Clothing Supplies	\$ 213	\$ 780	\$ 780	\$ 365	\$ (415)	-53.21%
520700 - Machine Oil & Lube	237	400	400	400	-	0.00%
520800 - Small Tools & Equip	4,019	2,500	2,500	2,500	-	0.00%
520810 - Fire Extinguishers	-	80	80	80	-	0.00%
521110 - Safety Supplies	255	4,000	4,000	4,000	-	0.00%
521200 - Chem - Other	4,100	100	100	100	-	0.00%
521203 - Chem - Chlorine	4,847	7,875	7,875	9,315	1,440	18.29%
521209 - Chem - Polymers	-	7,320	7,320	7,460	140	1.91%
521210 - Chem - Hypochlorite	-	575	575	575	-	0.00%
521400 - Electrical Supplies	4,792	5,000	9,000	5,000	-	0.00%
521500 - Mechanical Supplies	20,019	5,000	12,200	7,000	2,000	40.00%
522000 - Equipment Supplies	74	2,025	-	2,025	-	0.00%
522200 - Road Maint Supplies	-	600	400	600	-	0.00%
523000 - Other Supplies	442	600	800	600	-	0.00%
523660 - Small Plants Supplies	8,106	12,845	11,520	13,940	1,095	8.52%
Supplies Total	\$ 47,103	\$ 49,700	\$ 57,550	\$ 53,960	\$ 4,260	8.57%
Services						
530300 - Automotive Insurance	\$ 488	\$ 530	\$ 530	\$ 940	\$ 410	77.36%
530900 - General Liability Ins	39	45	55	75	30	66.67%
531000 - Telephone	881	1,200	1,120	960	(240)	-20.00%
531020 - Internet Service	90	90	160	90	-	0.00%
531100 - Electric Power	46,695	25,000	26,250	29,000	4,000	16.00%
531310 - Special Studies & Rpts	-	2,500	2,500	-	(2,500)	-100.00%
531400 - Legal Service	8,740	6,500	6,500	5,000	(1,500)	-23.08%
531700 - Advertising	2,414	2,120	3,020	300	(1,820)	-85.85%
531800 - Rent or Lease Payment	1,275	100	225	1,350	1,250	1250.00%
531900 - Travel and Training	-	-	10	-	-	0.00%
532200 - Equipment Maintenance	3,275	1,450	40	1,450	-	0.00%
532800 - Grounds Maintenance	2,532	3,450	3,450	3,630	180	5.22%
532900 - Electrical Sys Maint	-	1,500	1,500	1,500	-	0.00%
533000 - Other Services	110	7,000	2,900	16,000	9,000	128.57%
533100 - Administration	410	410	410	820	410	100.00%
533500 - Lab Svc - Contract	653	700	700	700	-	0.00%
533630 - Landfill Service Fees	5,324	5,620	5,620	5,945	325	5.78%
533640 - Hauling Fees	5,332	6,120	6,120	5,895	(225)	-3.68%
533660 - Small Plants Exp	7,254	12,770	10,895	10,265	(2,505)	-19.62%
533670 - Hauling and Dewatering	-	1,690	1,690	190	(1,500)	-88.76%
533900 - Permits, Ins, & Lic Fees	2,341	3,345	3,345	1,330	(2,015)	-60.24%
534000 - Uninsured losses	266	-	-	-	-	0.00%
Shared Services	69,163	72,680	71,180	90,650	17,970	24.72%
Services Total	\$ 157,281	\$ 154,820	\$ 148,220	\$ 176,090	\$ 21,270	13.74%

Expense Detail (continued)

Seis Lagos WWTP	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
Capital Outlay						
540500 - Machinery	\$ -	\$ -	\$ -	9,170	\$ 9,170	0.00%
543660 - Small Plants Capital	5,181	5,550	5,550	4,345	(1,205)	-21.71%
Capital Outlay Total	\$ 5,181	\$ 5,550	\$ 5,550	\$ 13,515	\$ 7,965	143.51%
Escrow						
550660 - Rsv for Maintenance	\$ 1,950	\$ 1,950	5,630	1,950	-	0.00%
550700 - Prev Maint Escrow	-	-	-	5,000	5,000	0.00%
Escrow Total	\$ 1,950	\$ 1,950	\$ 5,630	\$ 6,950	\$ 5,000	256.41%
Debt Service						
573000 - Debt Svc-RWS Note	\$ -	3,680	-	-	(3,680)	-100.00%
Debt Service Total	\$ -	\$ 3,680	\$ -	\$ -	\$ (3,680)	-100.00%
Grand Total	\$ 293,932	\$ 327,035	\$ 324,905	\$ 374,175	\$ 47,140	14.41%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$47,140 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- Other Services increased for 5 year plan for bridge rehabilitation
- Mechanical Supplies increased for a RAS pump replacement and for additional supplies needed for the aging plant
- Shared Services allocation increased in FY23
- Machinery increased to purchase a 25 yard phase separator needed to decrease solids efficiently
- A transfer to Preventative Maintenance Escrow to fund future inspections and repairs

Royse City Wastewater Treatment Plant

Revenues and Expenses

Royse City WWTP	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 18,304	\$ 20,155	\$ 19,685	\$ -	\$ (20,155)	-100.00%
Total Wastewater Sales	\$ 18,304	\$ 20,155	\$ 19,685	\$ -	\$ (20,155)	-100.00%
Other						
440040-Recov of Prior Year Exp	\$ 79	\$ -	\$ -	\$ -	\$ -	0.00%
440140-Master Card Rebates	4	-	-	-	-	0.00%
440999-Miscellaneous Revenue	0	-	-	-	-	0.00%
Total Other	\$ 83	\$ -	\$ -	\$ -	\$ -	0.00%
441000-Interest Income	\$ 17	\$ 25	\$ 45	\$ -	\$ (25)	-100.00%
Revenues Total	\$ 18,404	\$ 20,180	\$ 19,730	\$ -	\$ (20,180)	-100.00%
Expenses Total	\$ (18,404)	\$ (20,180)	\$ (19,730)	\$ -	\$ 20,180	-100.00%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Royse City WWTP	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
Personnel						
510000 - Wages	\$ 1,280	\$ 3,125	\$ 2,630	\$ -	\$ (3,125)	-100.00%
511060 - Overtime	163	140	140	-	(140)	-100.00%
512000 - Social Security	105	235	195	-	(235)	-100.00%
513000 - Workers' Comp Ins	28	25	25	-	(25)	-100.00%
513020 - Hospitalization Ins	446	455	535	-	(455)	-100.00%
513040 - Dental Ins	23	25	25	-	(25)	-100.00%
513060 - Life Ins	3	5	5	-	(5)	-100.00%
514000 - Retirement	815	610	610	-	(610)	-100.00%
514010 - Retiree - Insurance	161	195	195	-	(195)	-100.00%
514020 - Comp Absences-vacation	45	-	-	-	-	0.00%
514030 - Comp Absences-sick	55	-	-	-	-	0.00%
515000 - Cell Phone Stipend	12	5	10	-	(5)	-100.00%
Personnel Total	\$ 3,136	\$ 4,820	\$ 4,370	\$ -	\$ (4,820)	-100.00%
Supplies						
520300 - Clothing Supplies	\$ 7	\$ 15	\$ 20	\$ -	\$ (15)	-100.00%
521110 - Safety Supplies	1	-	70	-	-	0.00%
523660 - Small Plants Supplies	222	280	250	-	(280)	-100.00%
Supplies Total	\$ 230	\$ 295	\$ 340	\$ -	\$ (295)	-100.00%

Expense Detail (continued)

Royse City WWTP	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
Services						
530300 - Automotive Insurance	\$ 34	\$ 15	\$ 15	\$ -	(15)	-100.00%
530900 - General Liability Ins	1	5	5	-	(5)	-100.00%
531100 - Electric Power	98	135	135	-	(135)	-100.00%
531400 - Legal Service	6,942	5,500	5,490	-	(5,500)	-100.00%
531700 - Advertising	2,652	200	200	-	(200)	-100.00%
531900 - Travel and Training	-	-	5	-	-	0.00%
532800 - Grounds Maintenance	2,506	1,790	1,790	-	(1,790)	-100.00%
533100 - Administration	45	45	45	-	(45)	-100.00%
533660 - Small Plants Exp	199	280	240	-	(280)	-100.00%
533900 - Permits, Ins, & Lic Fees	-	3,680	3,680	-	(3,680)	-100.00%
Shared Services	2,449	3,295	3,295	-	(3,295)	-100.00%
Services Total	\$ 14,924	\$ 14,945	\$ 14,900	\$ -	(14,945)	-100.00%
Capital Outlay						
543660 - Small Plants Capital	\$ 114	\$ 120	\$ 120	\$ -	(120)	-100.00%
Capital Outlay Total	\$ 114	\$ 120	\$ 120	\$ -	(120)	-100.00%
Grand Total	\$ 18,404	\$ 20,180	\$ 19,730	\$ -	(20,180)	-100.00%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$20,180 from the FY22 Original Budget. Major variances are explained below:

- Plant decommissioned in FY22

Farmersville Wastewater Treatment Plant

Revenues and Expenses

Farmersville WWTP	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 488,084	\$ 576,090	\$ 578,210	\$ 632,670	\$ 56,580	9.82%
Total Wastewater Sales	\$ 488,084	\$ 576,090	\$ 578,210	\$ 632,670	\$ 56,580	9.82%
Other						
440040-Recov of Prior Year Exp	\$ 1,089	\$ -	\$ -	\$ -	\$ -	0.00%
440140-Master Card Rebates	658	-	-	-	-	0.00%
440999-Miscellaneous Revenue	2	-	-	-	-	0.00%
730000-Sale of Capital Assets	347	-	-	-	-	0.00%
Total Other	\$ 2,096	\$ -	\$ -	\$ -	\$ -	0.00%
441000-Interest Income	\$ 66	\$ 80	\$ 345	\$ 345	\$ 265	331.25%
Revenues Total	\$ 490,246	\$ 576,170	\$ 578,555	\$ 633,015	\$ 56,845	9.87%
Expenses Total	\$ (490,246)	\$ (576,170)	\$ (578,555)	\$ (633,015)	\$ (56,845)	9.87%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Farmersville WWTP	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
Personnel						
510000 - Wages	\$ 109,601	\$ 105,215	\$ 100,890	\$ 115,200	\$ 9,985	9.49%
511060 - Overtime	14,060	10,235	10,235	10,890	655	6.40%
512000 - Social Security	9,050	8,050	7,900	8,815	765	9.50%
513000 - Workers' Comp Ins	2,298	1,945	1,805	2,085	140	7.20%
513020 - Hospitalization Ins	31,725	30,785	31,520	36,570	5,785	18.79%
513040 - Dental Ins	1,927	1,685	1,545	1,835	150	8.90%
513060 - Life Ins	283	245	250	275	30	12.24%
514000 - Retirement	12,760	18,145	18,145	19,780	1,635	9.01%
514010 - Retiree - Insurance	2,230	5,825	5,825	6,465	640	10.99%
514020 - Comp Absences-vacation	805	3,175	3,175	1,465	(1,710)	-53.86%
514030 - Comp Absences-sick	1,010	-	-	645	645	0.00%
515000 - Cell Phone Stipend	901	810	710	790	(20)	-2.47%
Personnel Total	\$ 186,651	\$ 186,115	\$ 182,000	\$ 204,815	\$ 18,700	10.05%

Expense Detail (continued)

Farmersville WWTP	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						
520300 - Clothing Supplies	\$ 665	\$ 1,245	\$ 1,245	\$ 590	\$ (655)	-52.61%
520600 - Fuel, Oil and Lube	54	-	-	-	-	0.00%
520610 - Generator Fuel	180	600	600	600	-	0.00%
520700 - Machine Oil & Lube	497	600	600	600	-	0.00%
520800 - Small Tools & Equip	4,693	2,150	150	2,150	-	0.00%
520810 - Fire Extinguishers	-	120	120	120	-	0.00%
521110 - Safety Supplies	310	5,500	150	10,500	5,000	90.91%
521200 - Chem - Other	11,600	100	100	100	-	0.00%
521203 - Chem - Chlorine	6,407	15,745	15,745	14,550	(1,195)	-7.59%
521209 - Chem - Polymers	-	14,640	14,640	20,995	6,355	43.41%
521210 - Chem - Hypochlorite	-	575	575	575	-	0.00%
521400 - Electrical Supplies	12,757	8,000	5,500	12,870	4,870	60.88%
521500 - Mechanical Supplies	25,011	12,500	32,000	7,500	(5,000)	-40.00%
521700 - Building Supplies	190	-	-	-	-	0.00%
522000 - Equipment Supplies	-	1,000	-	1,000	-	0.00%
522200 - Road Maint Supplies	592	600	-	600	-	0.00%
523000 - Other Supplies	1,171	800	80	800	-	0.00%
523660 - Small Plants Supplies	18,543	20,470	18,360	22,455	1,985	9.70%
Supplies Total	\$ 82,669	\$ 84,645	\$ 89,865	\$ 96,005	\$ 11,360	13.42%
Services						
530300 - Automotive Insurance	\$ 2,022	\$ 2,425	\$ 2,425	\$ 2,790	\$ 365	15.05%
530900 - General Liability Ins	84	100	100	120	20	20.00%
531020 - Internet Service	409	390	390	390	-	0.00%
531100 - Electric Power	57,253	50,000	56,500	55,000	5,000	10.00%
531120 - Retail Water Service	907	1,200	1,200	1,200	-	0.00%
531310 - Special Studies & Rpts	-	7,500	7,500	-	(7,500)	-100.00%
531400 - Legal Service	1,916	8,500	1,500	1,000	(7,500)	-88.24%
531700 - Advertising	26	4,600	600	300	(4,300)	-93.48%
531800 - Rent or Lease Payment	-	500	5,900	1,000	500	100.00%
531900 - Travel and Training	-	-	10	-	-	0.00%
532200 - Equipment Maintenance	7,832	3,000	3,250	5,000	2,000	66.67%
532800 - Grounds Maintenance	1,584	2,980	4,800	3,340	360	12.08%
532900 - Electrical Sys Maint	-	5,000	-	5,000	-	0.00%
533000 - Other Services	1,820	9,000	8,290	7,500	(1,500)	-16.67%
533030 - Contractual Safety Serv	-	2,750	750	2,750	-	0.00%
533100 - Administration	810	850	850	1,705	855	100.59%
533500 - Lab Svc - Contract	1,306	2,100	2,100	2,100	-	0.00%
533630 - Landfill Service Fees	12,330	14,980	11,980	13,825	(1,155)	-7.71%
533640 - Hauling Fees	5,808	7,150	5,650	6,030	(1,120)	-15.66%
533660 - Small Plants Exp	16,595	20,345	17,355	16,540	(3,805)	-18.70%
533900 - Permits, Ins, & Lic Fees	4,376	8,540	8,540	4,510	(4,030)	-47.19%
534000 - Uninsured losses	251	-	-	-	-	0.00%
Shared Services	97,340	111,655	148,655	153,885	42,230	37.82%
Services Total	\$ 212,670	\$ 263,565	\$ 288,345	\$ 283,985	\$ 20,420	7.75%

Expense Detail (continued)

Farmersville WWTP	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
Capital Outlay						
540500 - Machinery	\$ -	\$ 33,000	\$ 9,500	\$ 34,510	\$ 1,510	4.58%
543660 - Small Plants Capital	8,256	8,845	8,845	7,000	(1,845)	-20.86%
Capital Outlay Total	\$ 8,256	\$ 41,845	\$ 18,345	\$ 41,510	\$ (335)	-0.80%
Escrow						
550700 - Prev Maint Escrow	\$ -	\$ -	\$ -	\$ 6,700	\$ 6,700	0.00%
Escrow Total	\$ -	\$ -	\$ -	\$ 6,700	\$ 6,700	0.00%
Grand Total	\$ 490,246	\$ 576,170	\$ 578,555	\$ 633,015	\$ 56,845	9.87%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$56,845 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- Safety Supplies increased to replace the davit system used to make permitted confined space entries into the Farmersville wetwell to clean the barscreen
- Electrical Supplies increased to replace the current auto dialer system with Mission SCADA system and for other electrical equipment repairs
- Shared Services allocation increased in FY23
- A transfer to Preventative Maintenance Escrow to fund future inspections and repairs

Lavon (Bear Creek) Wastewater Treatment Plant

Revenues and Expenses

Lavon WWTP	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-WWTP - Members	\$ 410,017	\$ 481,705	\$ 476,875	\$ 526,030	\$ 44,325	9.20%
Total Wastewater Sales	\$ 410,017	\$ 481,705	\$ 476,875	\$ 526,030	\$ 44,325	9.20%
Other						
440040-Recov of Prior Year Exp	\$ 810	\$ -	\$ -	\$ -	\$ -	0.00%
440140-Master Card Rebates	960	-	-	-	-	0.00%
440999-Miscellaneous Revenue	2	-	-	-	-	0.00%
730000-Sale of Capital Assets	347	-	-	-	-	0.00%
Total Other	\$ 2,119	\$ -	\$ -	\$ -	\$ -	0.00%
441000-Intest Income	\$ 55	\$ 65	\$ 260	\$ 260	\$ 195	300.00%
Revenues Total	\$ 412,191	\$ 481,770	\$ 477,135	\$ 526,290	\$ 44,520	9.24%
Expenses Total	\$ (412,191)	\$ (481,770)	\$ (477,135)	\$ (526,290)	\$ (44,520)	9.24%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Lavon WWTP	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
Personnel						
510000 - Wages	\$ 112,978	\$ 117,425	\$ 113,075	\$ 129,030	\$ 11,605	9.88%
511060 - Overtime	14,102	11,790	11,790	12,540	750	6.36%
512000 - Social Security	9,081	8,965	8,860	9,865	900	10.04%
513000 - Workers' Comp Ins	2,294	2,225	2,070	2,395	170	7.64%
513020 - Hospitalization Ins	30,874	35,160	35,415	41,730	6,570	18.69%
513040 - Dental Ins	1,911	1,915	1,755	2,080	165	8.62%
513060 - Life Ins	281	280	270	310	30	10.71%
514000 - Retirement	8,050	14,090	14,090	19,220	5,130	36.41%
514010 - Retiree - Insurance	1,406	4,525	4,525	6,285	1,760	38.90%
514020 - Comp Absences-vacation	460	3,655	3,655	1,575	(2,080)	-56.91%
514030 - Comp Absences-sick	575	-	-	595	595	0.00%
515000 - Cell Phone Stipend	887	910	800	890	(20)	-2.20%
Personnel Total	\$ 182,898	\$ 200,940	\$ 196,305	\$ 226,515	\$ 25,575	12.73%

Expense Detail (continued)

Lavon WWTP	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						
520300 - Clothing Supplies	\$ 651	\$ 1,435	\$ 1,435	\$ 685	\$ (750)	-52.26%
520610 - Generator Fuel	151	315	65	315	-	0.00%
520700 - Machine Oil & Lube	237	200	405	400	200	100.00%
520800 - Small Tools & Equip	3,956	2,500	170	2,500	-	0.00%
520810 - Fire Extinguishers	-	160	160	160	-	0.00%
521110 - Safety Supplies	114	1,500	200	1,500	-	0.00%
521200 - Chem - Other	6,100	100	-	100	-	0.00%
521203 - Chem - Chlorine	5,160	9,840	14,840	11,640	1,800	18.29%
521209 - Chem - Polymers	-	8,530	8,530	11,540	3,010	35.29%
521210 - Chem - Hypochlorite	-	575	575	575	-	0.00%
521400 - Electrical Supplies	8,016	5,000	5,000	6,800	1,800	36.00%
521500 - Mechanical Supplies	7,851	5,000	21,000	8,000	3,000	60.00%
522000 - Equipment Supplies	165	2,025	30	2,025	-	0.00%
522200 - Road Maint Supplies	-	1,200	-	1,200	-	0.00%
523000 - Other Supplies	2,124	2,000	130	2,000	-	0.00%
523660 - Small Plants Supplies	18,543	23,575	21,145	25,860	2,285	9.69%
Supplies Total	\$ 53,068	\$ 63,955	\$ 73,685	\$ 75,300	\$ 11,345	17.74%
Services						
530300 - Automotive Insurance	\$ 957	\$ 1,210	\$ 1,210	\$ 1,745	\$ 535	44.21%
530400 - Fire & Exten Cov Ins	-	-	505	700	700	0.00%
530900 - General Liability Ins	87	85	105	135	50	58.82%
531020 - Internet Service	632	810	790	810	-	0.00%
531310 - Special Studies & Rpts	-	2,500	2,500	-	(2,500)	-100.00%
531400 - Legal Service	8,893	6,500	4,250	6,000	(500)	-7.69%
531700 - Advertising	2,362	4,600	3,100	300	(4,300)	-93.48%
531800 - Rent or Lease Payment	1,588	500	225	2,500	2,000	400.00%
531900 - Travel and Training	-	-	10	-	-	0.00%
532200 - Equipment Maintenance	1,955	4,000	5,490	4,000	-	0.00%
532800 - Grounds Maintenance	1,022	730	1,600	820	90	12.33%
532900 - Electrical Sys Maint	-	2,500	-	2,500	-	0.00%
533000 - Other Services	18,632	33,000	20,910	9,500	(23,500)	-71.21%
533100 - Administration	630	660	660	1,325	665	100.76%
533380 - Odor Control Crew	224	2,000	615	250	(1,750)	-87.50%
533500 - Lab Svc - Contract	653	700	700	700	-	0.00%
533630 - Landfill Service Fees	11,225	10,485	13,035	11,615	1,130	10.78%
533640 - Hauling Fees	6,975	8,380	7,630	11,455	3,075	36.69%
533660 - Small Plants Exp	16,595	23,435	19,990	19,050	(4,385)	-18.71%
533670 - Hauling and Dewatering	-	2,375	375	-	(2,375)	-100.00%
533900 - Permits, Ins, & Lic Fees	2,966	5,015	1,765	3,000	(2,015)	-40.18%
534000 - Uninsured losses	166	-	-	-	-	0.00%
Shared Services	86,355	92,405	107,895	118,205	25,800	27.92%
Services Total	\$ 161,916	\$ 201,890	\$ 193,360	\$ 194,610	\$ (7,280)	-3.61%

Expense Detail (continued)

Lavon WWTP	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
Capital Outlay						
540500 - Machinery	\$ -	\$ -	\$ -	10,000	\$ 10,000	0.00%
543660 - Small Plants Capital	9,509	10,185	10,185	8,065	(2,120)	-20.81%
Capital Outlay Total	\$ 9,509	\$ 10,185	\$ 10,185	\$ 18,065	\$ 7,880	77.37%
Escrow						
550660 - Rsv for Maintenance	\$ 4,800	\$ 4,800	\$ 3,600	\$ 4,800	-	0.00%
550700 - Prev Maint Escrow	-	-	-	7,000	7,000	0.00%
Escrow Total	\$ 4,800	\$ 4,800	\$ 3,600	\$ 11,800	\$ 7,000	145.83%
Grand Total	\$ 412,191	\$ 481,770	\$ 477,135	\$ 526,290	\$ 44,520	9.24%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$44,520 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance, and Retirement costs
- Chemicals increased due to rising costs
- Electrical Supplies increased to replace the current auto dialer system with Mission SCADA system
- Mechanical Supplies increased to purchase a spare non pot pump to prevent any down time
- Machinery increased to purchase a spare lift pump in case of one of the existing pumps fail
- A transfer to Preventative Maintenance Escrow to fund future inspections and repairs

Small Sewer System Position Summary

Small Sewer System			
Full-Time Positions	FY22	FY23	Difference
Information Systems Assistant	1.00	1.00	-
Wastewater Mechanic	1.00	1.00	-
Wastewater Plant Operator II	4.00	4.00	-
Wastewater Plant Operator III	3.00	3.00	-
Wastewater Plant Supervisor I *	1.00	1.00	-
Wastewater Plant Supervisor II	1.00	1.00	-
Total Full-Time Positions	11.00	11.00	-

* Title change per FY22 Compensation Study

Expense Detail

Small Sewer System	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						
520100 - Office Supplies	\$ 4,426	\$ 4,500	\$ 3,000	\$ 4,550	\$ 50	1.11%
520110 - Computer Supplies	11,552	13,765	9,765	11,215	(2,550)	-18.53%
520200 - Xerox Supplies	2	450	150	450	-	0.00%
520600 - Fuel, Oil and Lube	30,887	32,360	42,360	49,800	17,440	53.89%
520630 - Toll Fees	618	250	250	250	-	0.00%
520800 - Small Tools & Equip	14,324	19,000	18,720	22,000	3,000	15.79%
520810 - Fire Extinguishers	-	500	500	500	-	0.00%
520900 - Janitorial Supplies	648	1,120	770	1,120	-	0.00%
521000 - Laboratory Supplies	8,198	10,000	10,500	10,000	-	0.00%
521110 - Safety Supplies	21,810	37,115	18,565	26,585	(10,530)	-28.37%
521500 - Mechanical Supplies	731	-	-	-	-	0.00%
521900 - Vehicle Supplies	8,621	8,900	10,480	13,115	4,215	47.36%
521910 - Tires and Tubes	5,899	9,200	4,200	10,280	1,080	11.74%
522000 - Equipment Supplies	537	1,000	350	500	(500)	-50.00%
523000 - Other Supplies	2,785	3,000	7,000	4,500	1,500	50.00%
Supplies Total	\$ 111,038	\$ 141,160	\$ 126,610	\$ 154,865	\$ 13,705	9.71%
Services						
530300 - Automotive Insurance	\$ -	\$ -	\$ 125	\$ -	\$ -	0.00%
531020 - Internet Service	6,849	6,000	6,000	6,600	600	10.00%
531800 - Rent or Lease Payment	2,106	2,050	2,850	2,050	-	0.00%
531900 - Travel and Training	2,225	16,950	1,950	9,355	(7,595)	-44.81%
532000 - Mem & Subscriptions	805	105	105	105	-	0.00%
532100 - Vehicle Maint	4,977	7,000	6,400	9,000	2,000	28.57%
532110 - Veh Maint by Solid Waste	4,691	3,000	3,000	3,000	-	0.00%
533030 - Contractual Safety Serv	-	6,300	300	2,155	(4,145)	-65.79%
534000 - Uninsured losses	3,283	-	-	-	-	0.00%
Shared Services	74,437	98,920	98,970	81,795	(17,125)	-17.31%
Services Total	\$ 99,373	\$ 140,325	\$ 119,700	\$ 114,060	\$ (26,265)	-18.72%

Expense Detail (continued)

Small Sewer System	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
Capital Outlay						
540300 - Vehicle Equipment	\$ 56,937	\$ 61,000	\$ 61,000	\$ 48,280	\$ (12,720)	-20.85%
Capital Outlay Total	\$ 56,937	\$ 61,000	\$ 61,000	\$ 48,280	\$ (12,720)	-20.85%
Grand Total	\$ 267,348	\$ 342,485	\$ 307,310	\$ 317,205	\$ (25,280)	-7.38%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$25,280 from the FY22 Original Budget. Major variances are explained below:

- Fuel, Oil, and Lube increased due to higher fuel costs
- Safety Supplies decreased due identified savings
- Decreased Travel & Training and Contractual Safety Services due to savings and lower usage
- Shared Services allocation decreased for FY23

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	64,395
North Rockwall (Squabble Creek) WWTP	45,995
Sabine Creek WWTP	79,295
Seis Lagos WWTP	28,550
Farmersville WWTP	45,995
Lavon WWTP	52,975
Total	\$ 317,205

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 2021 Flow Conveyed (Million Gallons)	Communities Served
Forney Interceptor	573	Forney
Lower East Fork Interceptor	708	Mesquite, Seagoville
Muddy Creek Interceptor	2,821	Wylie, Murphy
Parker Creek Interceptor	313	Royse City, Fate
Sabine Creek Interceptor	292	Royse City
Buffalo Creek Interceptor	2,310	Rockwall, Heath, Forney
McKinney Interceptor	1,474	McKinney
Mustang Creek Interceptor	315	Forney
Parker Creek Parallel Interceptor	124	Fate

FY2023 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	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 437,155	\$ 559,315	\$ 553,410	\$ 591,115	\$ 31,800	5.69%
Total Wastewater Sales	\$ 437,155	\$ 559,315	\$ 553,410	\$ 591,115	\$ 31,800	5.69%
Other						
440040-Recov of Prior Year Exp	\$ 4	\$ -	\$ -	\$ -	\$ -	0.00%
440140-Master Card Rebates	487	-	-	-	-	0.00%
459100-Tfr from Escrow Fund	-	123,000	123,000	-	(123,000)	-100.00%
Total Other	\$ 492	\$ 123,000	\$ 123,000	\$ -	\$ (123,000)	-100.00%
441000-Interest Income	\$ 112	\$ 145	\$ 415	\$ 415	\$ 270	186.21%
Revenues Total	\$ 437,758	\$ 682,460	\$ 676,825	\$ 591,530	\$ (90,930)	-13.32%
Expenses Total	\$ (437,758)	\$ (682,460)	\$ (676,825)	\$ (591,530)	\$ 90,930	-13.32%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Forney Interceptor	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
Personnel						
510000 - Wages	\$ 41	\$ 4,025	\$ 3,565	\$ 4,345	\$ 320	7.95%
511060 - Overtime	0	-	-	-	-	0.00%
511080 - Special Wage Payment	-	-	270	-	-	0.00%
512000 - Social Security	3	300	-	335	35	11.67%
513000 - Workers' Comp Ins	-	-	15	10	10	0.00%
513020 - Hospitalization Ins	-	580	410	525	(55)	-9.48%
513040 - Dental Ins	-	30	30	25	(5)	-16.67%
513060 - Life Ins	-	-	5	5	5	0.00%
514020 - Comp Absences-vacation	-	-	-	160	160	0.00%
515000 - Cell Phone Stipend	-	10	15	15	5	50.00%
Personnel Total	\$ 44	\$ 4,945	\$ 4,310	\$ 5,420	\$ 475	9.61%
Supplies						
520610 - Generator Fuel	\$ 247	\$ 1,050	\$ 1,050	\$ 1,050	\$ -	0.00%
520700 - Machine Oil & Lube	-	100	100	100	-	0.00%
520800 - Small Tools & Equip	1,952	5,500	5,500	5,500	-	0.00%
520810 - Fire Extinguishers	-	110	110	110	-	0.00%
521110 - Safety Supplies	307	325	325	325	-	0.00%
521200 - Chem - Other	9,240	20,625	20,625	29,150	8,525	41.33%
521215 - Chem - Bioxide	92,954	101,440	126,440	112,675	11,235	11.08%
521400 - Electrical Supplies	8,034	5,000	5,000	5,000	-	0.00%
521500 - Mechanical Supplies	-	20,000	10,000	20,000	-	0.00%
521600 - Pipeline Supplies	1,889	6,000	6,000	6,000	-	0.00%
521700 - Building Supplies	197	100	100	100	-	0.00%

Expense Detail (continued)

Forney Interceptor	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 (continued)						
522000 - Equipment Supplies	\$ 778	\$ 750	\$ 750	\$ 750	\$ -	0.00%
522200 - Road Maint Supplies	979	1,200	1,200	1,200	-	0.00%
523000 - Other Supplies	-	150	150	150	-	0.00%
Supplies Total	\$ 116,578	\$ 162,350	\$ 177,350	\$ 182,110	\$ 19,760	12.17%
Services						
531020 - Internet Service	\$ 42	\$ 3,010	\$ 3,010	\$ 3,010	\$ -	0.00%
531100 - Electric Power	89,445	43,000	38,000	44,300	1,300	3.02%
531310 - Special Studies & Rpts	-	65,000	55,000	25,000	(40,000)	-61.54%
531800 - Rent or Lease Payment	1,650	100	100	3,000	2,900	2900.00%
532200 - Equipment Maintenance	1,750	12,000	10,000	10,000	(2,000)	-16.67%
532220 - Pipeline Maintenance	4,238	116,750	64,690	33,750	(83,000)	-71.09%
532230 - Facilities Maintenance	-	10,750	10,750	13,000	2,250	20.93%
532800 - Grounds Maintenance	2,030	12,840	12,840	10,640	(2,200)	-17.13%
532900 - Electrical Sys Maint	-	6,000	6,000	6,000	-	0.00%
533000 - Other Services	23	500	435	500	-	0.00%
533030 - Contractual Safety Serv	-	2,200	2,200	2,200	-	0.00%
533100 - Administration	930	930	930	1,865	935	100.54%
533380 - Odor Control Crew	2,013	5,500	5,500	5,500	-	0.00%
533630 - Landfill Service Fees	-	1,760	1,760	1,945	185	10.51%
533680 - Conveyance System Exp	71,100	79,700	79,700	82,400	2,700	3.39%
534000 - Uninsured losses	106	-	-	-	-	0.00%
Shared Services	57,808	55,125	59,250	53,990	(1,135)	-2.06%
Services Total	\$ 231,136	\$ 415,165	\$ 350,165	\$ 297,100	\$ (118,065)	-28.44%
Escrow						
550700 - Prev Maint Escrow	\$ 90,000	\$ 100,000	\$ 145,000	\$ 106,900	\$ 6,900	6.90%
Escrow Total	\$ 90,000	\$ 100,000	\$ 145,000	\$ 106,900	\$ 6,900	6.90%
Grand Total	\$ 437,758	\$ 682,460	\$ 676,825	\$ 591,530	\$ (90,930)	-13.32%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$90,930 from the FY22 Original Budget. Major variances are explained below:

- Chemicals increased due to rising costs
- Pipeline Maintenance and Special Studies and Reports decreased because there is no scheduled pipeline inspection or cleaning
- An increase in the amount transferred to Preventative Maintenance Escrow to fund future pipeline inspections and repairs

Lower East Fork Interceptor Revenues and Expenses

Lower East Fork Interceptor	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 1,855,163	\$ 1,928,055	\$ 1,921,300	\$ 1,990,795	\$ 62,740	3.25%
Total Wastewater Sales	\$ 1,855,163	\$ 1,928,055	\$ 1,921,300	\$ 1,990,795	\$ 62,740	3.25%
Other						
440040-Recov of Prior Year Exp	\$ 4	\$ -	\$ -	\$ -	\$ -	0.00%
440140-Master Card Rebates	308	-	-	-	-	0.00%
459100-Tfr from Escrow Fund	67,900	-	-	-	-	0.00%
Total Other	\$ 68,213	\$ -	\$ -	\$ -	\$ -	0.00%
441000-Interest Income	\$ 297	\$ 355	\$ 1,355	\$ 1,355	\$ 1,000	281.69%
Revenues Total	\$ 1,923,673	\$ 1,928,410	\$ 1,922,655	\$ 1,992,150	\$ 63,740	3.31%
Expenses Total	\$ (1,923,673)	\$ (1,928,410)	\$ (1,922,655)	\$ (1,992,150)	\$ (63,740)	3.31%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Lower East Fork Interceptor	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
Personnel						
510000 - Wages	\$ 46	\$ 4,510	\$ 3,975	\$ 4,870	\$ 360	7.98%
511060 - Overtime	0	-	-	-	-	0.00%
511080 - Special Wage Payment	-	-	300	-	-	0.00%
512000 - Social Security	3	350	-	370	20	5.71%
513000 - Workers' Comp Ins	-	-	15	10	10	0.00%
513020 - Hospitalization Ins	-	645	460	585	(60)	-9.30%
513040 - Dental Ins	-	40	30	30	(10)	-25.00%
513060 - Life Ins	-	5	10	5	-	0.00%
514020 - Comp Absences-vacation	-	-	-	175	175	0.00%
515000 - Cell Phone Stipend	-	10	15	15	5	50.00%
Personnel Total	\$ 49	\$ 5,560	\$ 4,805	\$ 6,060	\$ 500	8.99%
Supplies						
520610 - Generator Fuel	\$ 1,890	\$ 3,375	\$ 3,375	\$ 3,375	-	0.00%
520700 - Machine Oil & Lube	-	1,015	1,015	1,015	-	0.00%
520800 - Small Tools & Equip	4,243	5,500	5,500	5,500	-	0.00%
520810 - Fire Extinguishers	-	110	110	110	-	0.00%
521110 - Safety Supplies	193	325	325	325	-	0.00%
521200 - Chem - Other	109	1,700	1,875	2,120	420	24.71%
521215 - Chem - Bioxide	36,578	67,000	67,000	66,825	(175)	-0.26%
521400 - Electrical Supplies	4,313	6,000	8,500	8,000	2,000	33.33%
521500 - Mechanical Supplies	64	22,000	12,000	22,000	-	0.00%
521600 - Pipeline Supplies	1,200	5,250	5,250	5,250	-	0.00%
521700 - Building Supplies	26	100	100	100	-	0.00%

Expense Detail (continued)

Lower East Fork Interceptor	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 (continued)						
522000 - Equipment Supplies	\$ 88	\$ 5,350	\$ 5,350	\$ 5,350	\$ -	0.00%
522200 - Road Maint Supplies	721	1,000	1,000	1,000	-	0.00%
Supplies Total	\$ 49,427	\$ 118,725	\$ 111,400	\$ 120,970	\$ 2,245	1.89%
Services						
530400 - Fire & Exten Cov Ins	\$ 3,093	\$ 3,960	\$ 3,960	\$ 4,585	\$ 625	15.78%
531020 - Internet Service	45	510	510	510	-	0.00%
531100 - Electric Power	53,546	45,000	40,000	45,000	-	0.00%
531120 - Retail Water Service	507	1,200	1,200	1,200	-	0.00%
531200 - Bank Service Fees	4	5	5	5	-	0.00%
531310 - Special Studies & Rpts	17,405	45,000	45,000	45,000	-	0.00%
531800 - Rent or Lease Payment	2,600	8,000	8,000	8,000	-	0.00%
532200 - Equipment Maintenance	4,420	12,000	12,000	12,000	-	0.00%
532220 - Pipeline Maintenance	-	39,265	1,090	39,265	-	0.00%
532230 - Facilities Maintenance	279,410	60,750	76,250	62,400	1,650	2.72%
532800 - Grounds Maintenance	1,400	22,200	22,200	21,200	(1,000)	-4.50%
532900 - Electrical Sys Maint	-	6,000	6,000	6,000	-	0.00%
533000 - Other Services	204	2,100	2,100	2,100	-	0.00%
533030 - Contractual Safety Serv	-	2,200	2,200	2,200	-	0.00%
533100 - Administration	1,180	1,100	1,100	2,205	1,105	100.45%
533380 - Odor Control Crew	1,892	5,000	5,000	5,000	-	0.00%
533630 - Landfill Service Fees	947	645	645	690	45	6.98%
533640 - Hauling Fees	682	-	-	-	-	0.00%
533680 - Conveyance System Exp	74,400	83,300	83,300	90,900	7,600	9.12%
Shared Services	121,134	95,700	95,700	107,870	12,170	12.72%
Services Total	\$ 562,867	\$ 433,935	\$ 406,260	\$ 456,130	\$ 22,195	5.11%
Escrow						
550700 - Prev Maint Escrow	\$ 45,000	\$ 65,000	\$ 95,000	\$ 108,500	\$ 43,500	66.92%
Escrow Total	\$ 45,000	\$ 65,000	\$ 95,000	\$ 108,500	\$ 43,500	66.92%
Debt Service						
571000 - Tsf to I & S	\$ 1,261,100	\$ 1,300,500	\$ 1,300,500	\$ 1,295,800	\$ (4,700)	-0.36%
579000 - Bond Service Fees	5,230	4,690	4,690	4,690	-	0.00%
Debt Service Total	\$ 1,266,330	\$ 1,305,190	\$ 1,305,190	\$ 1,300,490	\$ (4,700)	-0.36%
Grand Total	\$ 1,923,673	\$ 1,928,410	\$ 1,922,655	\$ 1,992,150	\$ 63,740	3.31%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$63,740 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages and Compensated Absences-vacation costs
- An increase in the proportion of shared conveyance expenses and Share Services allocation
- An increase in the amount transferred to Preventative Maintenance Escrow to fund future pipeline inspections and repairs

Muddy Creek Interceptor

Revenues and Expenses

Muddy Creek Interceptor	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 476,845	\$ 428,505	\$ 428,410	\$ 304,515	\$ (123,990)	-28.94%
Total Wastewater Sales	\$ 476,845	\$ 428,505	\$ 428,410	\$ 304,515	\$ (123,990)	-28.94%
Other						
440140-Master Card Rebates	\$ 382	\$ -	\$ -	\$ -	\$ -	0.00%
440999-Miscellaneous Revenue	13	-	-	-	-	0.00%
459100-Tfr from Escrow Fund	241,752	-	-	-	-	0.00%
Total Other	\$ 242,146	\$ -	\$ -	\$ -	\$ -	0.00%
441000-Interest Income	\$ 56	\$ 70	\$ 210	\$ 210	\$ 140	200.00%
Revenues Total	\$ 719,048	\$ 428,575	\$ 428,620	\$ 304,725	\$ (123,850)	-28.90%
Expenses Total	\$ (719,048)	\$ (428,575)	\$ (428,620)	\$ (304,725)	\$ 123,850	-28.90%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Muddy Creek Interceptor	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
Personnel						
510000 - Wages	\$ 8	\$ 780	\$ 695	\$ 840	\$ 60	7.69%
511080 - Special Wage Payment	-	-	50	-	-	0.00%
512000 - Social Security	1	60	-	60	-	0.00%
513000 - Workers' Comp Ins	-	-	5	-	-	0.00%
513020 - Hospitalization Ins	-	115	85	105	(10)	-8.70%
513040 - Dental Ins	-	-	5	-	-	0.00%
513060 - Life Ins	-	-	5	-	-	0.00%
514020 - Comp Absences-vacation	-	-	-	35	35	0.00%
515000 - Cell Phone Stipend	-	-	5	-	-	0.00%
Personnel Total	\$ 9	\$ 955	\$ 850	\$ 1,040	\$ 85	8.90%
Supplies						
520800 - Small Tools & Equip	\$ 1,856	\$ 5,500	\$ 5,500	\$ 5,500	-	0.00%
521200 - Chem - Other	-	3,570	3,570	4,770	1,200	33.61%
521215 - Chem - Bioxide	43,952	50,920	50,920	50,920	-	0.00%
521400 - Electrical Supplies	-	500	500	500	-	0.00%
521500 - Mechanical Supplies	-	250	250	250	-	0.00%
521600 - Pipeline Supplies	-	250	250	250	-	0.00%
Supplies Total	\$ 45,808	\$ 60,990	\$ 60,990	\$ 62,190	\$ 1,200	1.97%
Services						
531020 - Internet Service	\$ 90	\$ 510	\$ 510	\$ 510	-	0.00%
531100 - Electric Power	227	250	650	500	250	100.00%
531200 - Bank Service Fees	2	5	5	5	-	0.00%
531310 - Special Studies & Rpts	31,099	-	-	-	-	0.00%
531800 - Rent or Lease Payment	-	100	100	100	-	0.00%

Expense Detail (continued)

Muddy Creek Interceptor	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
Services (continued)						
532220 - Pipeline Maintenance	\$ 141,673	\$ 22,500	\$ 2,250	\$ 22,500	\$ -	0.00%
532800 - Grounds Maintenance	4,400	5,000	2,600	5,000	-	0.00%
533100 - Administration	395	670	670	1,340	670	100.00%
533380 - Odor Control Crew	913	750	750	750	-	0.00%
533680 - Conveyance System Exp	9,300	10,400	10,400	11,200	800	7.69%
Shared Services	19,271	15,055	18,455	13,900	(1,155)	-7.67%
Services Total	\$ 207,371	\$ 55,240	\$ 36,390	\$ 55,805	\$ 565	1.02%
Escrow						
550700 - Prev Maint Escrow	\$ 215,000	\$ 50,000	\$ 69,000	\$ 11,000	\$ (39,000)	-78.00%
Escrow Total	\$ 215,000	\$ 50,000	\$ 69,000	\$ 11,000	\$ (39,000)	-78.00%
Debt Service						
571000 - Tsf to I & S	\$ 246,600	\$ 256,700	\$ 256,700	\$ 170,000	\$ (86,700)	-33.77%
579000 - Bond Service Fees	4,260	4,690	4,690	4,690	-	0.00%
Debt Service Total	\$ 250,860	\$ 261,390	\$ 261,390	\$ 174,690	\$ (86,700)	-33.17%
Grand Total	\$ 719,048	\$ 428,575	\$ 428,620	\$ 304,725	\$ (123,850)	-28.90%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$123,850 from the FY22 Original Budget. Major variances are explained below:

- Transfers to the Preventative Maintenance decreased based on forecasted need for pipeline inspections and repairs
- Debt Service decreased due to a lower debt service payment

Parker Creek Interceptor

Revenues and Expenses

Parker Creek Interceptor	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 469,528	\$ 426,210	\$ 351,305	\$ 444,765	\$ 18,555	4.35%
Total Wastewater Sales	\$ 469,528	\$ 426,210	\$ 351,305	\$ 444,765	\$ 18,555	4.35%
Other						
440140-Master Card Rebates	\$ 36	\$ -	\$ -	\$ -	\$ -	0.00%
440999-Miscellaneous Revenue	3	-	-	-	-	0.00%
459100-Tfr from Escrow Fund	283,300	-	-	-	-	0.00%
Total Other	\$ 283,339	\$ -	\$ -	\$ -	\$ -	0.00%
441000-Interest Income	\$ 69	\$ 80	\$ 310	\$ 310	\$ 230	287.50%
Revenues Total	\$ 752,936	\$ 426,290	\$ 351,615	\$ 445,075	\$ 18,785	4.41%
Expenses Total	\$ (752,936)	\$ (426,290)	\$ (351,615)	\$ (445,075)	\$ (18,785)	4.41%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Parker Creek Interceptor	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
Personnel						
510000 - Wages	\$ 37	\$ 4,300	\$ 3,560	\$ 4,610	\$ 310	7.21%
511060 - Overtime	0	-	-	-	-	0.00%
511080 - Special Wage Payment	-	-	275	-	-	0.00%
512000 - Social Security	3	325	-	350	25	7.69%
513000 - Workers' Comp Ins	-	-	20	15	15	0.00%
513020 - Hospitalization Ins	-	475	270	360	(115)	-24.21%
513040 - Dental Ins	-	20	20	15	(5)	-25.00%
513060 - Life Ins	-	-	10	5	5	0.00%
514020 - Comp Absences-vacation	-	-	-	140	140	0.00%
515000 - Cell Phone Stipend	-	10	10	10	-	0.00%
Personnel Total	\$ 39	\$ 5,130	\$ 4,165	\$ 5,505	\$ 375	7.31%
Supplies						
520800 - Small Tools & Equip	\$ 1,916	\$ 5,500	\$ 5,500	\$ 5,500	\$ -	0.00%
521400 - Electrical Supplies	5,424	2,500	2,425	3,000	500	20.00%
521500 - Mechanical Supplies	-	250	250	250	-	0.00%
521600 - Pipeline Supplies	-	1,000	1,000	1,000	-	0.00%
522000 - Equipment Supplies	18	2,000	2,000	2,000	-	0.00%
522200 - Road Maint Supplies	1,583	1,800	1,800	1,800	-	0.00%
Supplies Total	\$ 8,941	\$ 13,050	\$ 12,975	\$ 13,550	\$ 500	3.83%
Services						
530900 - General Liability Ins	\$ 343	\$ -	\$ -	\$ -	\$ -	0.00%
531020 - Internet Service	270	450	450	270	(180)	-40.00%
531100 - Electric Power	530	450	675	550	100	22.22%
531200 - Bank Service Fees	2	5	5	5	-	0.00%

Expense Detail (continued)

Parker Creek Interceptor	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
Services (continued)						
531310 - Special Studies & Rpts	\$ 31,099	\$ -	\$ -	\$ -	-	0.00%
531800 - Rent or Lease Payment	2,327	100	100	100	-	0.00%
532200 - Equipment Maintenance	-	100	100	100	-	0.00%
532220 - Pipeline Maintenance	168,189	24,250	4,250	24,250	-	0.00%
532800 - Grounds Maintenance	-	5,000	5,000	5,000	-	0.00%
533100 - Administration	385	775	775	1,550	775	100.00%
533380 - Odor Control Crew	-	750	750	750	-	0.00%
533680 - Conveyance System Exp	22,600	25,200	25,200	27,100	1,900	7.54%
Shared Services	31,500	20,740	20,740	41,195	20,455	98.63%
Services Total	\$ 257,245	\$ 77,820	\$ 58,045	\$ 100,870	\$ 23,050	29.62%
Escrow						
550700 - Prev Maint Escrow	\$ 270,000	\$ 104,000	\$ 124,000	\$ 24,500	\$ (79,500)	-76.44%
Escrow Total	\$ 270,000	\$ 104,000	\$ 124,000	\$ 24,500	\$ (79,500)	-76.44%
Capital Improvement						
573010 - Tsf to Capital Impr	\$ -	\$ -	\$ -	\$ 295,000	\$ 295,000	0.00%
Capital Improvement Total	-	-	-	295,000	295,000	0.00%
Debt Service						
571000 - Tsf to I & S	\$ 211,900	\$ 221,600	\$ 147,740	\$ -	\$ (221,600)	-100.00%
579000 - Bond Service Fees	4,810	4,690	4,690	5,650	960	20.47%
Debt Service Total	\$ 216,710	\$ 226,290	\$ 152,430	\$ 5,650	\$ (220,640)	-97.50%
Grand Total	\$ 752,936	\$ 426,290	\$ 351,615	\$ 445,075	\$ 18,785	4.41%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$18,785 from the FY22 Original Budget. Major variances are explained below:

- Shared Services allocation increased for FY23
- Transfers to the Preventative Maintenance decreased based on forecasted need for pipeline inspections and repairs
- A transfer to Capital Improvement Fund was offset by a decrease to Debt Service as a result of the payment being made via transfers from the Debt Service Reserve

Sabine Creek Interceptor Revenues and Expenses

Sabine Creek Interceptor	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 276,768	\$ 313,940	\$ 253,825	\$ 98,885	\$ (215,055)	-68.50%
Total Wastewater Sales	\$ 276,768	\$ 313,940	\$ 253,825	\$ 98,885	\$ (215,055)	-68.50%
441000-Interest Income	\$ 36	\$ 45	\$ 215	\$ 215	\$ 170	377.78%
Revenues Total	\$ 276,804	\$ 313,985	\$ 254,040	\$ 99,100	\$ (214,885)	-68.44%
Expenses Total	\$ (276,804)	\$ (313,985)	\$ (254,040)	\$ (99,100)	\$ 214,885	-68.44%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Sabine Creek Interceptor	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
Personnel						
510000 - Wages	\$ 3	\$ 315	\$ 265	\$ 340	\$ 25	7.94%
511080 - Special Wage Payment	-	-	20	-	-	0.00%
512000 - Social Security	0	20	-	20	-	0.00%
513000 - Workers' Comp Ins	-	-	5	-	-	0.00%
513020 - Hospitalization Ins	-	40	25	25	(15)	-37.50%
513040 - Dental Ins	-	-	5	-	-	0.00%
513060 - Life Ins	-	-	5	-	-	0.00%
514020 - Comp Absences-vacation	-	-	-	15	15	0.00%
515000 - Cell Phone Stipend	-	-	5	-	-	0.00%
Personnel Total	\$ 3	\$ 375	\$ 330	\$ 400	\$ 25	6.67%
Supplies						
520800 - Small Tools & Equip	\$ -	\$ 2,500	\$ 2,500	\$ 2,500	\$ -	0.00%
521500 - Mechanical Supplies	-	50	50	50	-	0.00%
521600 - Pipeline Supplies	-	400	400	400	-	0.00%
Supplies Total	\$ -	\$ 2,950	\$ 2,950	\$ 2,950	\$ -	0.00%
Services						
530900 - General Liability Ins	\$ 99	\$ -	\$ -	\$ -	\$ -	0.00%
531200 - Bank Service Fees	1	5	5	5	-	0.00%
531310 - Special Studies & Rpts	998	-	-	-	-	0.00%
531800 - Rent or Lease Payment	-	100	100	100	-	0.00%
532220 - Pipeline Maintenance	-	22,500	2,500	22,500	-	0.00%
532800 - Grounds Maintenance	4,000	5,000	5,000	5,000	-	0.00%
533100 - Administration	195	250	250	495	245	98.00%
533380 - Odor Control Crew	-	750	750	750	-	0.00%
533680 - Conveyance System Exp	4,200	4,500	4,500	4,800	300	6.67%
Shared Services	5,898	6,865	6,865	13,450	6,585	95.92%
Services Total	\$ 15,391	\$ 39,970	\$ 19,970	\$ 47,100	\$ 7,130	17.84%
Escrow						
550700 - Prev Maint Escrow	\$ 85,000	\$ 88,000	\$ 108,000	\$ 43,000	\$ (45,000)	-51.14%
Escrow Total	\$ 85,000	\$ 88,000	\$ 108,000	\$ 43,000	\$ (45,000)	-51.14%

Expense Detail (continued)

Sabine Creek Interceptor	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
Debt Service						
571000 - Tsf to I & S	\$ 171,600	\$ 178,000	\$ 118,100	\$ -	\$ (178,000)	-100.00%
579000 - Bond Service Fees	4,810	4,690	4,690	5,650	960	20.47%
Debt Service Total	\$ 176,410	\$ 182,690	\$ 122,790	\$ 5,650	\$ (177,040)	-96.91%
Grand Total	\$ 276,804	\$ 313,985	\$ 254,040	\$ 99,100	\$ (214,885)	-68.44%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$214,885 from the FY22 Original Budget. Major variances are explained below:

- Shared Services allocation increased in FY23
- Transfers to the Preventative Maintenance decreased based on forecasted need for pipeline inspections and repairs
- Debt Service decreased as a result of the payment being made via transfers from the Debt Service Reserve

Buffalo Creek Interceptor

Revenues and Expenses

Buffalo Creek Interceptor	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 2,211,523	\$ 3,820,820	\$ 3,831,670	\$ 4,406,325	\$ 585,505	15.32%
Total Wastewater Sales	\$ 2,211,523	\$ 3,820,820	\$ 3,831,670	\$ 4,406,325	\$ 585,505	15.32%
Other						
440040-Recov of Prior Year Exp	\$ 5	\$ -	\$ -	\$ -	\$ -	0.00%
440140-Master Card Rebates	540	-	-	-	-	0.00%
440999-Miscellaneous Revenue	271	-	-	-	-	0.00%
Total Other	\$ 816	\$ -	\$ -	\$ -	\$ -	0.00%
441000-Interest Income	\$ 512	\$ 590	\$ 2,180	\$ 2,180	\$ 1,590	269.49%
Revenues Total	\$ 2,212,851	\$ 3,821,410	\$ 3,833,850	\$ 4,408,505	\$ 587,095	15.36%
Expenses Total	\$ (2,212,851)	\$ (3,821,410)	\$ (3,833,850)	\$ (4,408,505)	\$ (587,095)	15.36%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Buffalo Creek Interceptor	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
Personnel						
510000 - Wages	\$ 68	\$ 9,775	\$ 7,775	\$ 9,935	\$ 160	1.64%
511060 - Overtime	0	-	-	-	-	0.00%
511080 - Special Wage Payment	-	-	590	-	-	0.00%
512000 - Social Security	5	745	-	755	10	1.34%
513000 - Workers' Comp Ins	-	5	30	30	25	500.00%
513020 - Hospitalization Ins	-	1,050	625	800	(250)	-23.81%
513040 - Dental Ins	-	55	55	65	10	18.18%
513060 - Life Ins	-	20	15	15	(5)	-25.00%
514020 - Comp Absences-vacation	-	-	-	260	260	0.00%
515000 - Cell Phone Stipend	-	25	25	25	-	0.00%
Personnel Total	\$ 73	\$ 11,675	\$ 9,115	\$ 11,885	\$ 210	1.80%
Supplies						
520100 - Office Supplies	\$ -	\$ 35	\$ 35	\$ 35	-	0.00%
520110 - Computer Supplies	-	125	125	125	-	0.00%
520200 - Xerox Supplies	-	35	35	-	(35)	-100.00%
520600 - Fuel, Oil and Lube	-	25	25	25	-	0.00%
520610 - Generator Fuel	1,433	1,175	1,175	1,175	-	0.00%
520630 - Toll Fees	-	5	5	5	-	0.00%
520700 - Machine Oil & Lube	-	230	230	230	-	0.00%
520800 - Small Tools & Equip	6,621	8,000	8,000	8,000	-	0.00%
520810 - Fire Extinguishers	-	110	110	110	-	0.00%
521000 - Laboratory Supplies	-	250	250	250	-	0.00%
521110 - Safety Supplies	248	330	330	335	5	1.52%

Expense Detail (continued)

Buffalo Creek Interceptor	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 (continued)						
521200 - Chem - Other	\$ -	\$ 4,250	\$ 4,250	\$ 5,300	\$ 1,050	24.71%
521215 - Chem - Bioxide	47,828	80,400	80,400	80,400	-	0.00%
521400 - Electrical Supplies	950	10,500	10,500	10,500	-	0.00%
521500 - Mechanical Supplies	-	20,000	10,000	20,000	-	0.00%
521600 - Pipeline Supplies	1,200	10,000	10,000	10,000	-	0.00%
521700 - Building Supplies	-	100	100	100	-	0.00%
521900 - Vehicle Supplies	-	5	5	5	-	0.00%
521910 - Tires and Tubes	-	10	10	10	-	0.00%
522000 - Equipment Supplies	225	2,025	2,025	2,025	-	0.00%
522200 - Road Maint Supplies	521	600	600	600	-	0.00%
Supplies Total	\$ 59,026	\$ 138,210	\$ 128,210	\$ 139,230	\$ 1,020	0.74%
Services						
530400 - Fire & Exten Cov Ins	\$ 4,244	\$ 5,435	\$ 5,435	\$ 6,290	\$ 855	15.73%
530900 - General Liability Ins	2,157	8,780	10,455	5,945	(2,835)	-32.29%
531020 - Internet Service	1,199	840	840	845	5	0.60%
531100 - Electric Power	58,459	58,150	73,150	55,650	(2,500)	-4.30%
531120 - Retail Water Service	436	720	720	720	-	0.00%
531200 - Bank Service Fees	33	60	60	60	-	0.00%
531310 - Special Studies & Rpts	17,405	45,000	45,000	45,000	-	0.00%
531800 - Rent or Lease Payment	-	3,030	3,030	3,075	45	1.49%
531900 - Travel and Training	-	120	120	190	70	58.33%
532000 - Mem & Subscriptions	-	570	570	575	5	0.88%
532200 - Equipment Maintenance	2,042	10,000	10,000	12,000	2,000	20.00%
532220 - Pipeline Maintenance	-	118,750	57,075	118,750	-	0.00%
532230 - Facilities Maintenance	-	35,750	20,750	37,800	2,050	5.73%
532800 - Grounds Maintenance	1,540	27,420	27,420	26,320	(1,100)	-4.01%
532900 - Electrical Sys Maint	3,832	6,000	6,000	6,000	-	0.00%
533000 - Other Services	24	10,000	10,000	10,000	-	0.00%
533030 - Contractual Safety Serv	-	2,200	2,200	2,200	-	0.00%
533100 - Administration	1,400	1,450	1,450	2,900	1,450	100.00%
533380 - Odor Control Crew	2,158	3,000	3,000	3,000	-	0.00%
533630 - Landfill Service Fees	-	2,635	2,635	2,825	190	7.21%
533680 - Conveyance System Exp	99,400	111,200	111,200	120,800	9,600	8.63%
Shared Services	183,559	203,165	203,165	203,505	340	0.17%
Services Total	\$ 377,887	\$ 654,275	\$ 594,275	\$ 664,450	\$ 10,175	1.56%
Escrow						
550700 - Prev Maint Escrow	\$ 140,000	\$ 150,000	\$ 235,000	\$ 53,870	\$ (96,130)	-64.09%
Escrow Total	\$ 140,000	\$ 150,000	\$ 235,000	\$ 53,870	\$ (96,130)	-64.09%
Debt Service						
571000 - Tsf to I & S	\$ 1,629,700	\$ 2,855,600	\$ 2,855,600	\$ 3,529,000	\$ 673,400	23.58%
579000 - Bond Service Fees	6,165	11,650	11,650	10,070	(1,580)	-13.56%
Debt Service Total	\$ 1,635,865	\$ 2,867,250	\$ 2,867,250	\$ 3,539,070	\$ 671,820	23.43%
Grand Total	\$ 2,212,851	\$ 3,821,410	\$ 3,833,850	\$ 4,408,505	\$ 587,095	15.36%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$587,095 from the FY22 Original Budget. Major variances are explained below:

- An increase in the proportion of shared conveyance expenses
- Transfers to the Preventative Maintenance decreased based on forecasted need for pipeline inspections and repairs
- Debt Service increased as a result of the FY22 bond issuance for the Buffalo Creek Interceptor Tunnel

McKinney Interceptor

Revenues and Expenses

McKinney Interceptor	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 21,402	\$ 56,755	\$ 56,615	\$ 89,635	\$ 32,880	57.93%
Total Wastewater Sales	\$ 21,402	\$ 56,755	\$ 56,615	\$ 89,635	\$ 32,880	57.93%
441000-Interest Income	\$ 17	\$ 20	\$ 115	\$ 115	\$ 95	475.00%
Revenues Total	\$ 21,419	\$ 56,775	\$ 56,730	\$ 89,750	\$ 32,975	58.08%
Expenses Total	\$ (21,419)	\$ (56,775)	\$ (56,730)	\$ (89,750)	\$ (32,975)	58.08%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

McKinney Interceptor	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
Personnel						
510000 - Wages	\$ 2	\$ 285	\$ 235	\$ 310	\$ 25	8.77%
511080 - Special Wage Payment	-	-	20	-	-	0.00%
512000 - Social Security	0	20	5	20	-	0.00%
513000 - Workers' Comp Ins	-	-	5	-	-	0.00%
513020 - Hospitalization Ins	-	35	20	20	(15)	-42.86%
513040 - Dental Ins	-	-	5	-	-	0.00%
513060 - Life Ins	-	-	5	-	-	0.00%
514020 - Comp Absences-vacation	-	-	-	10	10	0.00%
515000 - Cell Phone Stipend	-	-	5	-	-	0.00%
Personnel Total	\$ 3	\$ 340	\$ 300	\$ 360	\$ 20	5.88%
Supplies						
520800 - Small Tools & Equip	\$ -	\$ 2,500	\$ 2,500	\$ 2,500	\$ -	0.00%
521400 - Electrical Supplies	-	200	200	200	-	0.00%
521500 - Mechanical Supplies	-	150	150	150	-	0.00%
521600 - Pipeline Supplies	-	100	100	100	-	0.00%
Supplies Total	\$ -	\$ 2,950	\$ 2,950	\$ 2,950	\$ -	0.00%
Services						
530900 - General Liability Ins	\$ -	\$ -	\$ -	\$ 110	\$ 110	0.00%
531100 - Electric Power	314	350	350	350	-	0.00%
531310 - Special Studies & Rpts	3,710	-	-	-	-	0.00%
531800 - Rent or Lease Payment	-	100	100	100	-	0.00%
532200 - Equipment Maintenance	-	300	300	300	-	0.00%
532220 - Pipeline Maintenance	-	22,500	2,500	22,500	-	0.00%
532800 - Grounds Maintenance	-	5,000	5,000	5,000	-	0.00%
533100 - Administration	410	405	405	810	405	100.00%
533380 - Odor Control Crew	-	750	750	750	-	0.00%
Shared Services	1,982	21,080	21,080	20,120	(960)	-4.55%
Services Total	\$ 6,416	\$ 50,485	\$ 30,485	\$ 50,040	\$ (445)	-0.88%

Expense Detail (continued)

McKinney Interceptor	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
Escrow						
550700 - Prev Maint Escrow	\$ 15,000	\$ 3,000	\$ 23,000	\$ 36,400	\$ 33,400	1113.33%
Escrow Total	\$ 15,000	\$ 3,000	\$ 23,000	\$ 36,400	\$ 33,400	1113.33%
Grand Total	\$ 21,419	\$ 56,775	\$ 56,730	\$ 89,750	\$ 32,975	58.08%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$32,975 from the FY22 Original Budget. Major variances are explained below:

- An increase in the amount transferred to Preventative Maintenance Escrow to fund future pipeline inspections and repairs

Mustang Creek Interceptor

Revenues and Expenses

Mustang Creek Interceptor	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 2,300,312	\$ 2,561,495	\$ 2,562,625	\$ 2,956,295	\$ 394,800	15.41%
Total Wastewater Sales	\$ 2,300,312	\$ 2,561,495	\$ 2,562,625	\$ 2,956,295	\$ 394,800	15.41%
Other						
459100-Tfr from Escrow Fund	\$ -	\$ 369,200	\$ 369,200	\$ -	\$ (369,200)	-100.00%
Total Other	\$ -	\$ 369,200	\$ 369,200	\$ -	\$ (369,200)	-100.00%
441000-Interest Income	\$ 317	\$ 355	\$ 1,010	\$ 1,010	\$ 655	184.51%
Revenues Total	\$ 2,300,629	\$ 2,931,050	\$ 2,932,835	\$ 2,957,305	\$ 26,255	0.90%
Expenses Total	\$ (2,300,629)	\$ (2,931,050)	\$ (2,932,835)	\$ (2,957,305)	\$ (26,255)	0.90%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Mustang Creek Interceptor	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
Personnel						
510000 - Wages	\$ 19	\$ 2,685	\$ 2,120	\$ 2,790	\$ 105	3.91%
511060 - Overtime	0	-	-	-	-	0.00%
511080 - Special Wage Payment	-	-	160	-	-	0.00%
512000 - Social Security	1	200		215	15	7.50%
513000 - Workers' Comp Ins	-	-	10	10	10	0.00%
513020 - Hospitalization Ins	-	265	135	180	(85)	-32.08%
513040 - Dental Ins	-	10	10	10	-	0.00%
513060 - Life Ins	-	-	5	-	-	0.00%
514020 - Comp Absences-vacation	-	-	-	70	70	0.00%
515000 - Cell Phone Stipend	-	-	5	-	-	0.00%
Personnel Total	\$ 20	\$ 3,160	\$ 2,445	\$ 3,275	\$ 115	3.64%
Supplies						
520610 - Generator Fuel	\$ -	\$ 1,200	\$ 1,200	\$ 1,200	\$ -	0.00%
520700 - Machine Oil & Lube	-	230	230	230	-	0.00%
520800 - Small Tools & Equip	2,123	5,500	6,860	5,500	-	0.00%
520810 - Fire Extinguishers	-	110	110	110	-	0.00%
521110 - Safety Supplies	176	325	325	325	-	0.00%
521200 - Chem - Other	6,300	10,000	10,000	12,720	2,720	27.20%
521400 - Electrical Supplies	4,928	5,000	5,000	10,000	5,000	100.00%
521500 - Mechanical Supplies	-	5,000	5,000	20,000	15,000	300.00%
521600 - Pipeline Supplies	76	550	550	5,000	4,450	809.09%
521700 - Building Supplies	-	100	100	100	-	0.00%
522000 - Equipment Supplies	-	2,000	2,000	2,000	-	0.00%
522200 - Road Maint Supplies	168	750	750	750	-	0.00%
Supplies Total	\$ 13,770	\$ 30,765	\$ 32,125	\$ 57,935	\$ 27,170	88.31%

Expense Detail (continued)

Mustang Creek Interceptor	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
Services						
530900 - General Liability Ins	\$ 5,641	\$ 2,865	\$ 2,865	\$ 2,425	\$ (440)	-15.36%
531020 - Internet Service	-	-	-	510	510	0.00%
531100 - Electric Power	-	50,000	52,500	50,000	-	0.00%
531120 - Retail Water Service	-	750	750	750	-	0.00%
531200 - Bank Service Fees	26	60	60	60	-	0.00%
531310 - Special Studies & Rpts	-	40,000	40,000	-	(40,000)	-100.00%
531800 - Rent or Lease Payment	-	500	500	500	-	0.00%
532200 - Equipment Maintenance	-	10,000	9,000	12,000	2,000	20.00%
532220 - Pipeline Maintenance	-	351,700	76,700	32,500	(319,200)	-90.76%
532230 - Facilities Maintenance	-	10,400	8,040	12,800	2,400	23.08%
532800 - Grounds Maintenance	2,385	10,400	10,400	10,400	-	0.00%
532900 - Electrical Sys Maint	-	10,000	10,000	10,000	-	0.00%
533000 - Other Services	-	500	500	500	-	0.00%
533030 - Contractual Safety Serv	-	2,200	2,200	2,200	-	0.00%
533100 - Administration	235	410	410	820	410	100.00%
533380 - Odor Control Crew	1,912	5,000	6,500	5,000	-	0.00%
533630 - Landfill Service Fees	-	1,760	1,760	1,945	185	10.51%
533680 - Conveyance System Exp	66,400	76,300	76,300	83,500	7,200	9.44%
Shared Services	62,109	115,920	116,420	195,845	79,925	68.95%
Services Total	\$ 138,709	\$ 688,765	\$ 414,905	\$ 421,755	\$ (267,010)	-38.77%
Escrow						
550700 - Prev Maint Escrow	\$ 65,000	\$ 110,000	\$ 385,000	\$ 33,400	\$ (76,600)	-69.64%
Escrow Total	\$ 65,000	\$ 110,000	\$ 385,000	\$ 33,400	\$ (76,600)	-69.64%
Capital Improvement						
573010 - Tsf to Capital Impr	\$ 200,000	\$ -	\$ -	\$ -	-	0.00%
Capital Improvement Total	\$ 200,000	\$ -	\$ -	\$ -	-	0.00%
Debt Service						
571000 - Tsf to I & S	\$ 1,875,700	\$ 2,087,100	\$ 2,087,100	\$ 2,429,700	\$ 342,600	16.42%
579000 - Bond Service Fees	7,430	11,260	11,260	11,240	(20)	-0.18%
Debt Service Total	\$ 1,883,130	\$ 2,098,360	\$ 2,098,360	\$ 2,440,940	\$ 342,580	16.33%
Grand Total	\$ 2,300,629	\$ 2,931,050	\$ 2,932,835	\$ 2,957,305	\$ 26,255	0.90%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$26,255 from the FY22 Original Budget. Major variances are explained below:

- Mechanical Supplies increased to replace various pumps, motors and pump bases
- Pipeline Maintenance and Special Studies & Reports decreased because there is no scheduled pipeline inspection or cleaning
- Preventative Maintenance decreased based on forecasted need for pipeline inspections and repairs
- Debt Service increased for the planned debt issuance

Parker Creek Parallel Interceptor Revenues and Expenses

Parker Creek Parallel Interceptor	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Interceptor - Members	\$ 107,583	\$ 238,470	\$ 238,310	\$ 258,055	\$ 19,585	8.21%
Total Wastewater Sales	\$ 107,583	\$ 238,470	\$ 238,310	\$ 258,055	\$ 19,585	8.21%
Other						
440040-Recov of Prior Year Exp	\$ 44	\$ -	\$ -	\$ -	\$ -	0.00%
440140-Master Card Rebates	2	-	-	-	-	0.00%
Total Other	\$ 46	\$ -	\$ -	\$ -	\$ -	0.00%
441000-Interest Income	\$ 18	\$ 25	\$ 110	\$ 110	\$ 85	340.00%
Revenues Total	\$ 107,647	\$ 238,495	\$ 238,420	\$ 258,165	\$ 19,670	8.25%
Expenses Total	\$ (107,647)	\$ (238,495)	\$ (238,420)	\$ (258,165)	\$ (19,670)	8.25%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Parker Creek Parallel Interceptor	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
Personnel						
510000 - Wages	\$ 1	\$ 305	\$ 225	\$ 280	\$ (25)	-8.20%
511080 - Special Wage Payment	-	-	15	-	-	0.00%
512000 - Social Security	0	20	-	15	(5)	-25.00%
513000 - Workers' Comp Ins	-	-	5	-	-	0.00%
513020 - Hospitalization Ins	-	25	15	15	(10)	-40.00%
513040 - Dental Ins	-	-	5	-	-	0.00%
513060 - Life Ins	-	-	5	-	-	0.00%
514020 - Comp Absences-vacation	-	-	-	10	10	0.00%
515000 - Cell Phone Stipend	-	-	5	-	-	0.00%
Personnel Total	\$ 1	\$ 350	\$ 275	\$ 320	\$ (30)	-8.57%
Supplies						
520800 - Small Tools & Equip	\$ 28	\$ 2,500	\$ 2,500	\$ 2,500	-	0.00%
521600 - Pipeline Supplies	-	500	500	500	-	0.00%
522000 - Equipment Supplies	-	1,025	25	1,025	-	0.00%
Supplies Total	\$ 28	\$ 4,025	\$ 3,025	\$ 4,025	\$ -	0.00%
Services						
530400 - Fire & Exten Cov Ins	\$ 429	\$ 550	\$ 550	\$ 635	\$ 85	15.45%
531020 - Internet Service	45	90	90	90	-	0.00%
531200 - Bank Service Fees	1	5	5	5	-	0.00%
531800 - Rent or Lease Payment	-	100	100	100	-	0.00%
532220 - Pipeline Maintenance	-	2,000	-	3,000	1,000	50.00%
532800 - Grounds Maintenance	-	2,500	1,000	2,500	-	0.00%
533100 - Administration	75	70	70	145	75	107.14%
533380 - Odor Control Crew	50	1,000	500	1,000	-	0.00%

Expense Detail (continued)

Parker Creek Parallel Interceptor	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
Services (continued)						
533680 - Conveyance System Exp	\$ 6,000	\$ 6,600	\$ 6,600	\$ 7,100	\$ 500	7.58%
Shared Services	4,008	6,425	5,925	6,945	520	8.09%
Services Total	\$ 10,608	\$ 19,340	\$ 14,840	\$ 21,520	\$ 2,180	11.27%
Escrow						
550700 - Prev Maint Escrow	\$ -	\$ 32,000	\$ 31,800	\$ 39,500	\$ 7,500	23.44%
Escrow Total	\$ -	\$ 32,000	\$ 31,800	\$ 39,500	\$ 7,500	23.44%
Debt Service						
571000 - Tsf to I & S	\$ 92,500	\$ 178,100	\$ 183,800	\$ 188,100	10,000	5.61%
579000 - Bond Service Fees	4,510	4,680	4,680	4,700	20	0.43%
Debt Service Total	\$ 97,010	\$ 182,780	\$ 188,480	\$ 192,800	\$ 10,020	5.48%
Grand Total	\$ 107,647	\$ 238,495	\$ 238,420	\$ 258,165	\$ 19,670	8.25%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$19,670 from the FY22 Original Budget. Major variances are explained below:

- Pipeline Maintenance increased for manhole or pipeline maintenance and repairs
- An increase in the amount transferred to Preventative Maintenance Escrow to fund future pipeline inspections and repairs
- Debt Service increased as a result of no offsetting transfers from the construction 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 have industries regulated under the pretreatment program.

FY2023 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	FY22	FY23	Difference
Administrative Technician	0.60	0.60	-
Environmental Analyst	0.10	0.10	-
Environmental Program Manager	0.40	0.40	-
Environmental Program Supervisor *	0.60	0.60	-
Environmental Services Manager	0.25	0.25	-
Environmental Specialist I +1 Mid FY22	2.00	2.00	-
Environmental Specialist II	1.00	1.00	-
Environmental Supervisor I	1.00	1.00	-
Environmental Technician	3.00	3.00	-
Total Full-Time Positions	8.95	8.95	-

* Title change per FY22 Compensation Study

Revenues and Expenses

Wastewater Pretreatment Department	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Revenues and Expenses	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues						
Wastewater Sales						
420000-Pretreatment - Members	\$ 1,072,491	\$ 1,335,160	\$ 1,308,660	\$ 1,460,445	\$ 125,285	9.38%
Total Wastewater Sales	\$ 1,072,491	\$ 1,335,160	\$ 1,308,660	\$ 1,460,445	\$ 125,285	9.38%
Other						
440040-Recov of Prior Year Exp	\$ 6,545	\$ -	\$ -	\$ -	\$ -	0.00%
440140-Master Card Rebates	151	-	-	-	-	0.00%
440999-Misc Revenue	20	-	-	-	-	0.00%
Total Other	\$ 6,716	\$ -	\$ -	\$ -	\$ -	0.00%
441000-Interest Income	\$ 150	\$ 180	\$ 1,165	\$ 1,165	\$ 985	547.22%
Revenues Total	\$ 1,079,358	\$ 1,335,340	\$ 1,309,825	\$ 1,461,610	\$ 126,270	9.46%
Expenses Total	\$ (1,079,358)	\$ (1,335,340)	\$ (1,309,825)	\$ (1,461,610)	\$ (126,270)	9.46%
Net Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%

Expense Detail

Wastewater Pretreatment Department	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
Personnel						
510000 - Wages	\$ 517,485	\$ 562,940	\$ 544,915	\$ 621,700	\$ 58,760	10.44%
511060 - Overtime	982	2,000	2,000	2,000	-	0.00%
512000 - Social Security	38,397	43,060	41,020	47,570	4,510	10.47%
513000 - Workers' Comp Ins	9,834	9,040	9,035	10,930	1,890	20.91%
513020 - Hospitalization Ins	95,511	104,740	100,360	112,795	8,055	7.69%
513040 - Dental Ins	4,543	4,485	3,765	4,185	(300)	-6.69%
513060 - Life Ins	1,367	1,365	1,290	1,515	150	10.99%
514000 - Retirement	58,075	83,110	83,110	78,190	(4,920)	-5.92%
514010 - Retiree - Insurance	23,712	26,690	26,690	25,560	(1,130)	-4.23%

Expense Detail (continued)

Wastewater Pretreatment Department	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
Personnel (continued)						
514020 - Comp Absences-vacation	\$ 1,430	\$ 28,405	\$ 28,405	\$ -	\$ (28,405)	-100.00%
514030 - Comp Absences-sick	-	5,440	5,440	-	(5,440)	-100.00%
515000 - Cell Phone Stipend	3,686	3,625	3,355	4,010	385	10.62%
Personnel Total	\$ 755,023	\$ 874,900	\$ 849,385	\$ 908,455	\$ 33,555	3.84%
Supplies						
520100 - Office Supplies	\$ 1,523	\$ 1,815	\$ 1,815	\$ 1,815	-	0.00%
520110 - Computer Supplies	20,968	25,000	25,000	27,015	2,015	8.06%
520300 - Clothing Supplies	4,147	5,195	5,195	5,760	565	10.88%
520600 - Fuel, Oil and Lube	2,643	6,840	6,840	6,500	(340)	-4.97%
520630 - Toll Fees	183	450	450	400	(50)	-11.11%
520800 - Small Tools & Equip	9,287	8,000	8,000	11,600	3,600	45.00%
521000 - Laboratory Supplies	1,796	3,000	3,000	3,100	100	3.33%
521110 - Safety Supplies	1,148	1,530	1,530	1,530	-	0.00%
521900 - Vehicle Supplies	889	2,100	2,100	2,100	-	0.00%
521910 - Tires and Tubes	1	2,100	2,100	2,100	-	0.00%
522000 - Equipment Supplies	7,327	8,785	8,785	17,155	8,370	95.28%
Supplies Total	\$ 49,911	\$ 64,815	\$ 64,815	\$ 79,075	\$ 14,260	22.00%
Services						
530300 - Automotive Insurance	\$ 2,382	\$ 2,585	\$ 2,585	\$ 2,725	\$ 140	5.42%
530900 - General Liability Ins	357	475	475	480	5	1.05%
531020 - Internet Service	2,973	2,880	2,880	4,620	1,740	60.42%
531310 - Special Studies & Rpts	-	60,000	60,000	30,000	(30,000)	-50.00%
531400 - Legal Service	-	10,000	10,000	10,000	-	0.00%
531900 - Travel and Training	1,655	3,700	3,700	8,900	5,200	140.54%
532000 - Mem & Subscriptions	7,798	8,235	8,235	8,075	(160)	-1.94%
532100 - Vehicle Maint	25	2,400	2,400	2,400	-	0.00%
532110 - Veh Maint by Solid Waste	659	1,200	1,200	1,200	-	0.00%
532200 - Equipment Maintenance	-	2,000	2,000	2,000	-	0.00%
532300 - Postage	-	500	500	500	-	0.00%
532850 - Building Maintenance	855	5,000	5,000	-	(5,000)	-100.00%
533100 - Administration	2,130	2,100	2,100	4,205	2,105	100.24%
533500 - Lab Svc - Contract	8,594	18,000	18,000	28,125	10,125	56.25%
Shared Services	230,395	276,550	276,550	370,850	94,300	34.10%
Services Total	\$ 257,823	\$ 395,625	\$ 395,625	\$ 474,080	\$ 78,455	19.83%
Capital Outlay						
540700 - Non-Vehicle Equipment	\$ 16,600	\$ -	\$ -	\$ -	-	0.00%
Capital Outlay Total	\$ 16,600	\$ -	\$ -	\$ -	-	0.00%
Grand Total	\$ 1,079,358	\$ 1,335,340	\$ 1,309,825	\$ 1,461,610	\$ 126,270	9.46%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$126,270 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, plus the addition of an Environmental Specialist I - mid FY22. These are partially offset by lower Compensated Absences costs.
- Small Tools & Equipment and Equipment Supplies increased due to additional equipment for a workload increase
- Special Studies decreased because the cost study was performed in FY22 and is not needed in FY23
- Lab Service - Contract increased due to higher contract prices and additional cities and industries for monitoring
- Shared Service allocation increased due to a larger percentage of the budget attributed to pretreatment. This is driven by the higher costs for supplies and the additional work anticipated with adding the city of Richardson to the system.

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REGIONAL SOLID WASTE SYSTEM

FY23 FAST BUDGET FACTS

SOLID WASTE SERVICES

COMMUNITIES SERVED

116
EMPLOYEES

\$13
MILLION

In solid waste
construction contracts



4 Regional
Citizen
CONVENIENCE
CENTERS



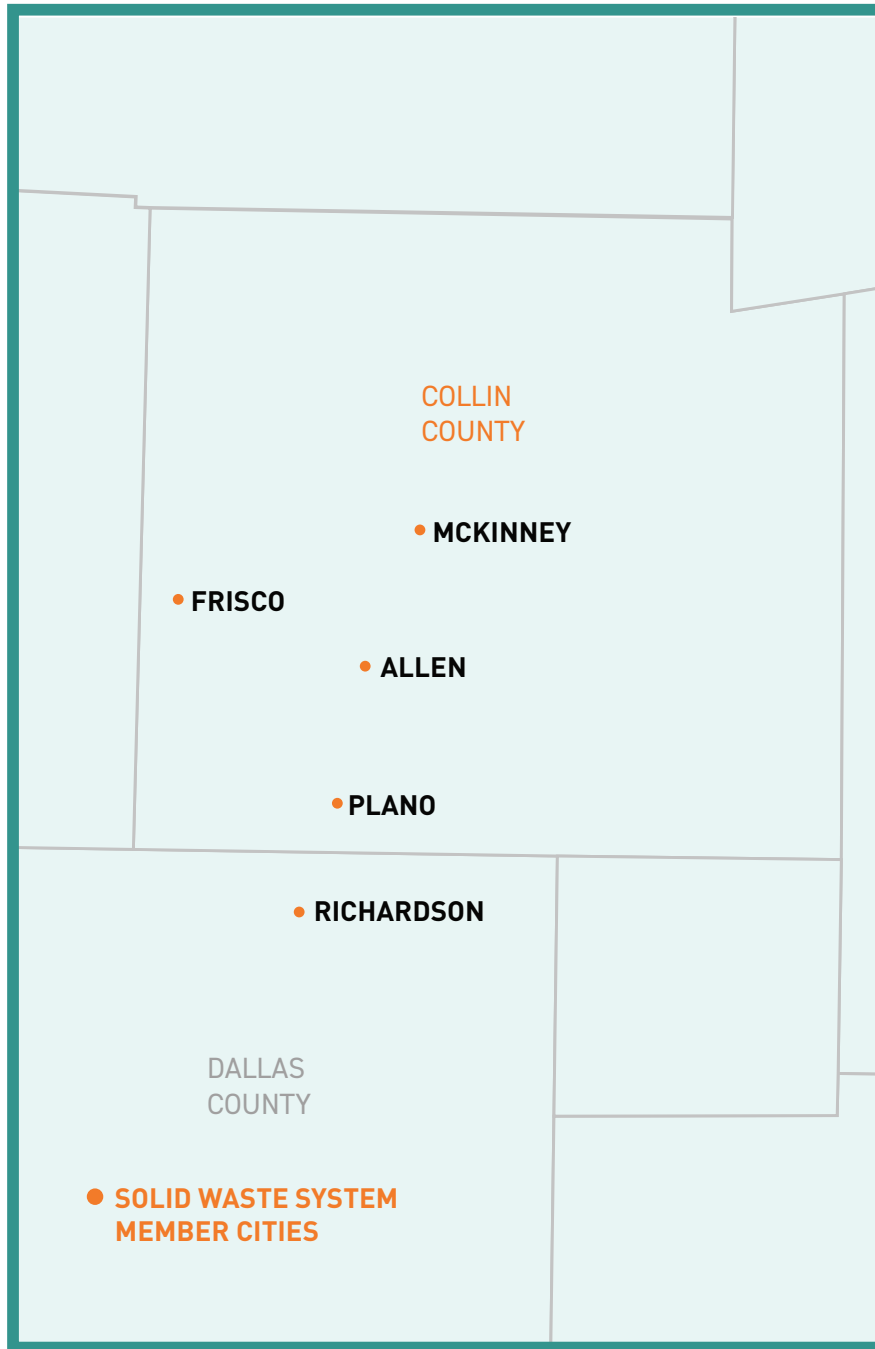
Over
50,000

tons of yard &
organic waste
composted
annually



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

3,370 TONS
of solid waste per day



121 RDF - Cell Construction

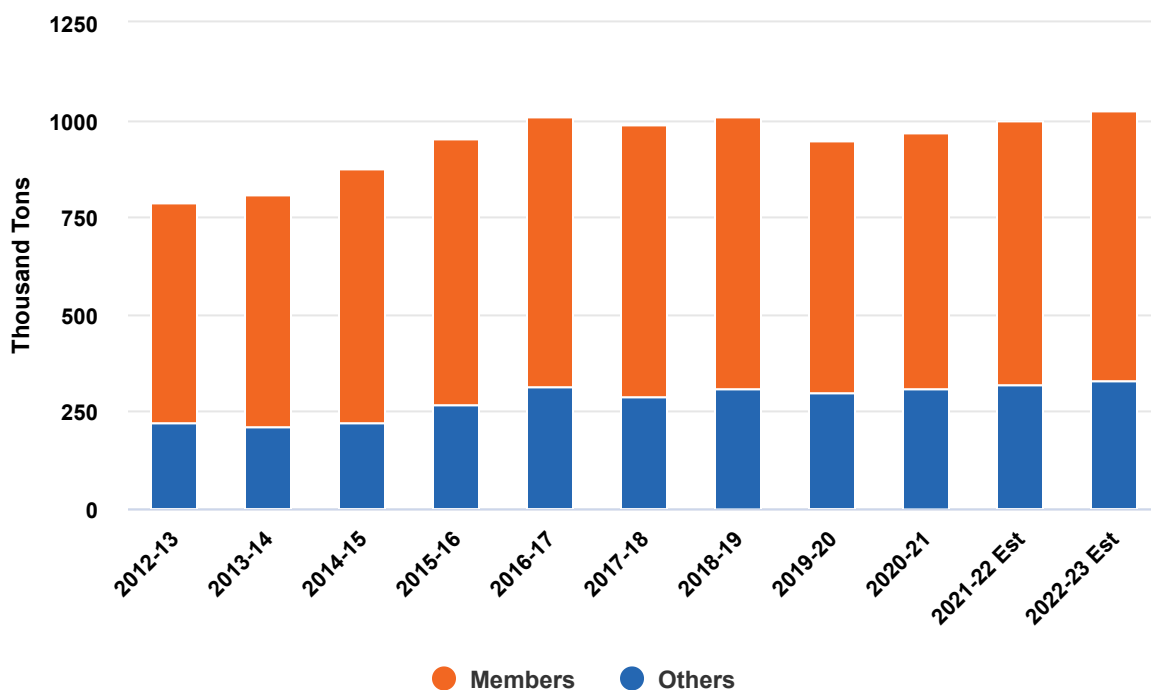


Regional Solid Waste System

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 3,370 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 967,521 tons of waste in 2021, and based on projections, approximately 1,000,000 tons will be processed in FY22 and FY23. 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. 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

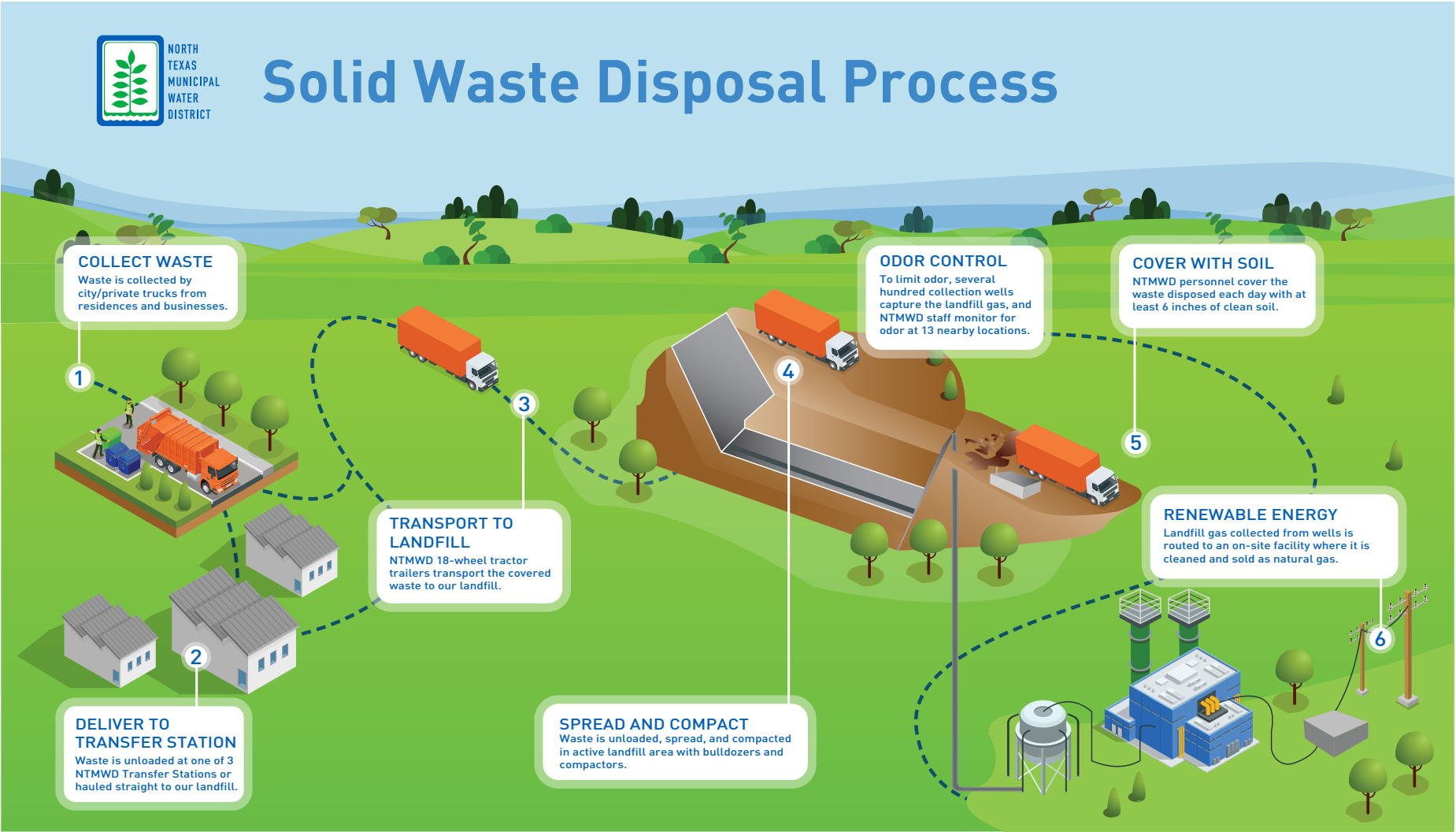
The District has a composting program managed and operated by the City of Plano under the Texas Pure Products brand. The operation consists of a wood grind facility located at the Custer Road Transfer Station in Plano and the compost operation facility located at the 121 RDF. Yard waste collected from 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 is currently offsetting CO₂ emissions by the equivalent of nearly 93 MG of consumed gasoline 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 Maintenance

The RSWS houses the District's Fleet Maintenance 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.



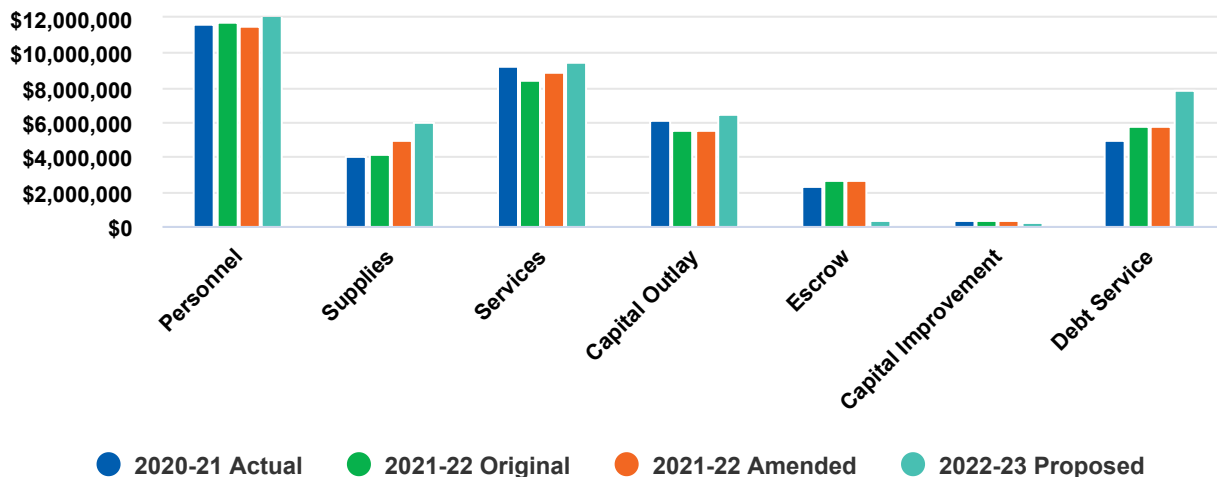
Revenues and Expenditures

	2020-21	2021-22	2021-22	2022-23	Variance \$	Variance %
Category	Actual	Original Budget	Amended Budget	Proposed Budget	To Original Budget	To Original Budget
Revenues	\$ 38,687,852	\$ 38,677,405	\$ 39,687,700	\$ 43,473,935	\$ 4,796,530	12.40%
Expenditures						
Personnel	\$ 11,653,874	\$ 11,813,405	\$ 11,502,805	\$ 13,122,690	\$ 1,309,285	11.08%
Supplies	4,081,778	4,189,190	4,994,450	5,970,240	1,781,050	42.52%
Services	9,232,933	8,477,700	8,929,210	9,488,035	1,010,335	11.92%
Capital Outlay	6,164,892	5,503,850	5,567,975	6,460,700	956,850	17.39%
Escrow	2,261,000	2,670,000	2,670,000	390,000	(2,280,000)	-85.39%
Debt Service	5,293,375	6,023,260	6,023,260	8,042,270	2,019,010	33.52%
Total	\$ 38,687,852	\$ 38,677,405	\$ 39,687,700	\$ 43,473,935	\$ 4,796,530	12.40%

The FY22 Amended Budget for expenditures and revenues totals \$39,687,700, which is \$1,010,295 or 2.61% greater than the FY22 Original Budget of \$38,677,405. 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 fuel costs and any remaining being used to lower the cost per ton and credited back to the Member Cities. For the FY23 Annual Budget, the total RSWS expenditures are \$43,473,935, which is \$4,796,530 or 12.40% greater than the FY22 Original Budget. Major budget variances are explained below:

- Increase in Personnel of \$1,309,285 due to the addition of three new positions and increasing salary/benefit costs
- Increase in Supplies of \$1,781,050 driven by higher expected fuel prices along with additional vehicle supply purchases as the Solid Waste system shifts to more internal repairs to save on outsourcing
- Increase in Services of \$1,010,335 due to an increased Shared Services budget and allocations, increased Engineering/Consulting services for landfill cell design and additional contract labor driven by higher contract prices
- Increase in Capital Outlay of \$956,850 to construct a new landfill cell
- Decrease in Escrow of (\$2,280,000) based on lower expected transfers to the equipment replacement escrow
- Increase in Debt Service/Capital Improvement Transfers of \$2,019,010 due to recent bond issuances in the system

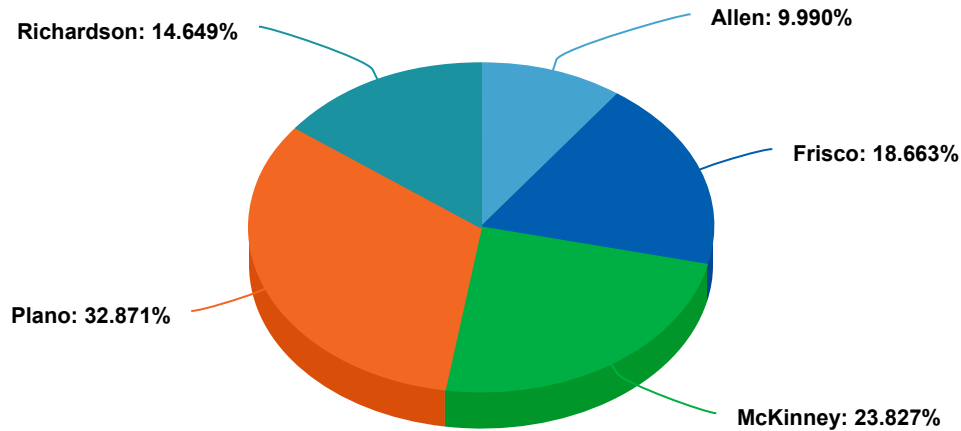
RSWS EXPENDITURES



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 679,389 tons of waste will be processed in FY22 and 694,409 tons in FY23.

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 FY23 are \$26,558,730 after deducting customer landfill fees, composting revenues, gas collection royalties, sludge disposal fees, interest and other revenue in the estimated amount of \$16,915,205 from the proposed budget of \$43,473,935.

	2020-21		2021-22		2021-22		2022-23	
Cities	Actuals		Original Budget		Amended Budget		Proposed Budget	
Allen	\$	2,501,428	\$	2,644,687	\$	2,461,242	\$	2,653,276
Frisco		4,540,842		4,741,984		4,535,941		4,956,558
McKinney		5,758,346		5,860,974		5,779,922		6,328,117
Plano		8,203,432		8,969,513		8,171,238		8,730,151
Richardson		3,647,306		3,901,642		3,615,592		3,890,628
Total	\$	24,651,354	\$	26,118,800	\$	24,563,935	\$	26,558,730
Tonnage		658,042		682,853		679,389		694,409
Cost per ton	\$	37.46	\$	38.25	\$	36.16	\$	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 770 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 Maintenance Shop

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
9/30/22****Projected Balance:**

08/31/22	Fund Balance	\$	7,572,261
	Remaining Payments to be made on Authorized Projects		(1,619,780)
	Remaining Budgeted Transfers from Operating Fund		24,825
	Expected Projects		-
09/30/22	Expected Fund Balance		5,977,306
	Balance Transfers from Operating Fund		200,000
	Expected Projects		(4,635,000)
	Interest Income		3,586
09/30/23	Balance Available for Future Projects	\$	1,545,892

**Reserve for Maintenance Fund
9/30/22****Projected Balance:**

09/30/22	Expected Fund Balance	\$	1,297,699
	Balance Transfers from Operating Fund		10,000
	Expected Projects		-
	Interest Income		779
09/30/23	Balance Available for Future Projects	\$	1,308,477

**Equipment Replacement Fund
9/30/22****Projected Balance:**

09/30/22	Expected Fund Balance	\$	15,678,033
	Balance Transfers from Operating Fund		380,000
	Expected Projects		(1,700,000)
	Interest Income		9,407
09/30/23	Balance Available for Future Projects	\$	14,367,440

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.

FY2023 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	FY22	FY23	Difference
Administrative Technician	0.20	0.20	-
Assistant Deputy (Solid Waste)	0.20	0.20	-
Scale Operator	2.00	2.00	-
Transfer Station Equipment Operator	3.00	3.00	-
Transfer Station Manager	0.34	0.34	-
Transfer Station Supervisor *	1.00	1.00	-
Transport Driver	9.00	9.00	-
Total Full-Time Positions	15.74	15.74	-

* Title change per FY22 Compensation Study

Expense Detail

Lookout Transfer 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
Personnel						
510000 - Wages	\$ 836,354	\$ 862,025	\$ 846,920	\$ 934,450	\$ 72,425	8.40%
511060 - Overtime	296,359	300,000	300,000	300,000	-	0.00%
512000 - Social Security	79,310	65,950	74,315	71,485	5,535	8.39%
513000 - Workers' Comp Ins	42,029	33,045	35,550	35,765	2,720	8.23%
513020 - Hospitalization Ins	180,154	217,925	194,250	223,010	5,085	2.33%
513040 - Dental Ins	9,025	10,230	8,630	10,590	360	3.52%
513060 - Life Ins	2,136	2,155	2,080	2,335	180	8.35%
514000 - Retirement	130,245	151,750	151,750	164,075	12,325	8.12%
514010 - Retiree - Insurance	45,237	48,730	48,730	53,635	4,905	10.07%
514020 - Comp Absences-vacation	6,335	-	-	26,790	26,790	0.00%
514030 - Comp Absences-sick	7,135	-	-	-	-	0.00%
515000 - Cell Phone Stipend	3,531	4,100	3,440	4,100	-	0.00%
Personnel Total	\$ 1,637,848	\$ 1,695,910	\$ 1,665,665	\$ 1,826,235	\$ 130,325	7.68%
Supplies						
520100 - Office Supplies	\$ 2,739	\$ 1,400	\$ 2,400	\$ 2,000	\$ 600	42.86%
520110 - Computer Supplies	15,672	6,910	11,910	9,610	2,700	39.07%
520300 - Clothing Supplies	7,702	9,265	9,265	9,365	100	1.08%
520600 - Fuel, Oil and Lube	218,241	252,080	347,080	373,625	121,545	48.22%
520630 - Toll Fees	18,453	22,800	18,800	20,400	(2,400)	-10.53%
520800 - Small Tools & Equip	1,213	600	600	600	-	0.00%
520810 - Fire Extinguishers	2,893	2,400	3,715	3,000	600	25.00%
520900 - Janitorial Supplies	1,323	1,750	1,250	1,400	(350)	-20.00%
521100 - Medical Supplies	79	200	200	200	-	0.00%
521110 - Safety Supplies	10,502	6,165	6,165	6,190	25	0.41%
521200 - Chem - Other	16,260	16,800	11,800	10,000	(6,800)	-40.48%
521300 - Botanical Supplies	720	-	-	-	-	0.00%
521400 - Electrical Supplies	110	1,500	1,500	1,500	-	0.00%
521500 - Mechanical Supplies	47,299	12,000	12,000	12,000	-	0.00%
521700 - Building Supplies	11,933	2,900	7,100	5,000	2,100	72.41%

Expense Detail (continued)

Lookout Transfer 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 (continued)						
521900 - Vehicle Supplies	\$ 136,087	\$ 130,000	\$ 130,000	\$ 143,000	\$ 13,000	10.00%
521910 - Tires and Tubes	72,777	111,100	101,100	121,900	10,800	9.72%
523000 - Other Supplies	595	3,000	3,300	2,800	(200)	-6.67%
Supplies Total	\$ 564,596	\$ 580,870	\$ 668,185	\$ 722,590	\$ 141,720	24.40%
Services						
530300 - Automotive Insurance	\$ 53,948	\$ 62,950	\$ 62,950	\$ 58,370	\$ (4,580)	-7.28%
530400 - Fire & Exten Cov Ins	17,247	22,085	22,085	25,580	3,495	15.83%
530900 - General Liability Ins	768	1,600	1,600	1,045	(555)	-34.69%
531000 - Telephone	442	600	1,100	600	-	0.00%
531020 - Internet Service	2,071	2,640	3,640	2,520	(120)	-4.55%
531100 - Electric Power	37,196	22,800	35,800	22,800	-	0.00%
531120 - Retail Water Service	8,496	12,000	11,000	12,000	-	0.00%
531300 - Engin/Consultant Svc	6,000	2,000	2,200	2,200	200	10.00%
531310 - Special Studies & Rpts	-	5,000	-	5,000	-	0.00%
531400 - Legal Service	-	1,000	500	1,000	-	0.00%
531700 - Advertising	165	-	-	-	-	0.00%
531800 - Rent or Lease Payment	6,948	2,500	2,500	2,500	-	0.00%
531900 - Travel and Training	5,265	17,720	17,720	5,635	(12,085)	-68.20%
532000 - Mem & Subscriptions	247	1,250	1,250	1,250	-	0.00%
532100 - Vehicle Maint	14,258	55,000	35,000	52,000	(3,000)	-5.45%
532200 - Equipment Maintenance	78,809	50,000	28,000	42,000	(8,000)	-16.00%
532300 - Postage	16	60	60	60	-	0.00%
532400 - Office Equip Maint	8,001	8,340	6,340	8,000	(340)	-4.08%
532800 - Grounds Maintenance	11,834	13,080	13,080	13,520	440	3.36%
532850 - Building Maintenance	2,195	5,000	5,000	5,000	-	0.00%
533000 - Other Services	28,399	20,000	21,500	17,000	(3,000)	-15.00%
533020 - Contract Labor	62,478	85,540	85,540	120,120	34,580	40.43%
533100 - Administration	6,620	5,930	5,930	11,855	5,925	99.92%
533900 - Permits, Ins, & Lic Fees	1,291	2,150	2,150	2,150	-	0.00%
534000 - Uninsured losses	17,010	-	-	-	-	0.00%
Shared Services	334,595	284,855	287,855	317,225	32,370	11.36%
Services Total	\$ 704,297	\$ 684,100	\$ 652,800	\$ 729,430	\$ 45,330	6.63%
Capital Outlay						
540300 - Vehicle Equipment	\$ 152,421	\$ 640,000	\$ 623,200	\$ 1,614,535	\$ 974,535	152.27%
Capital Outlay Total	\$ 152,421	\$ 640,000	\$ 623,200	\$ 1,614,535	\$ 974,535	152.27%
Grand Total	\$ 3,059,162	\$ 3,600,880	\$ 3,609,850	\$ 4,892,790	\$ 1,291,910	35.88%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$1,291,910 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages and Insurance costs
- Fuel, Oil and Lube increased due to rise in fuel costs
- Contract Labor increased as a result of increase in hourly rate
- Vehicle Supplies as well as Tires and Tubes increased as a result of increased prices and inflation
- Vehicle Equipment increased due to the needed replacement of trucks, trailers and a wheel loader

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 770 tons per day, averaged over 365 days per year.

FY2023 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
- Legal review for Permit Modification

Position Summary

Parkway Transfer Station

Full-Time Positions	FY22	FY23	Difference
Administrative Technician	0.20	0.20	-
Assistant Deputy (Solid Waste)	0.20	0.20	-
Scale Operator	2.00	2.00	-
Transfer Station Equipment Operator	3.00	3.00	-
Transfer Station Manager	0.33	0.33	-
Transfer Station Supervisor *	1.00	1.00	-
Transport Driver	10.00	10.00	-
Total Full-Time Positions	16.73	16.73	-

* Title change per FY22 Compensation Study

Expense Detail

Parkway Transfer 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
Personnel						
510000 - Wages	\$ 905,171	\$ 901,995	\$ 859,110	\$ 979,670	\$ 77,675	8.61%
511060 - Overtime	290,210	250,000	250,000	250,000	-	0.00%
512000 - Social Security	90,043	69,000	74,325	74,940	5,940	8.61%
513000 - Workers' Comp Ins	51,154	35,730	36,485	38,805	3,075	8.61%
513020 - Hospitalization Ins	211,181	199,400	184,765	226,340	26,940	13.51%
513040 - Dental Ins	10,442	8,620	7,925	9,655	1,035	12.01%
513060 - Life Ins	2,361	2,260	2,115	2,460	200	8.85%
514000 - Retirement	138,485	165,435	165,435	170,705	5,270	3.19%
514010 - Retiree - Insurance	66,434	53,120	53,120	55,805	2,685	5.05%
514020 - Comp Absences-vacation	13,435	21,520	21,520	21,895	375	1.74%
514030 - Comp Absences-sick	44,750	8,680	8,680	-	(8,680)	-100.00%
515000 - Cell Phone Stipend	4,966	5,535	4,715	5,535	-	0.00%
Personnel Total	\$ 1,828,631	\$ 1,721,295	\$ 1,668,195	\$ 1,835,810	\$ 114,515	6.65%
Supplies						
520100 - Office Supplies	\$ 2,234	\$ 1,280	\$ 1,280	\$ 1,500	\$ 220	17.19%
520110 - Computer Supplies	9,660	8,570	11,070	9,010	440	5.13%
520300 - Clothing Supplies	7,977	9,870	9,870	10,160	290	2.94%
520600 - Fuel, Oil and Lube	227,802	258,840	252,840	352,920	94,080	36.35%
520630 - Toll Fees	26,279	36,000	33,000	30,000	(6,000)	-16.67%
520800 - Small Tools & Equip	923	500	500	500	-	0.00%
520810 - Fire Extinguishers	2,277	1,880	1,880	1,880	-	0.00%
520900 - Janitorial Supplies	1,151	1,200	1,200	1,200	-	0.00%
521100 - Medical Supplies	201	200	200	200	-	0.00%
521110 - Safety Supplies	7,885	3,880	3,880	3,955	75	1.93%
521200 - Chem - Other	10,697	12,000	12,000	12,000	-	0.00%
521400 - Electrical Supplies	2,940	1,000	2,000	1,000	-	0.00%
521500 - Mechanical Supplies	6,310	15,000	14,000	14,000	(1,000)	-6.67%
521700 - Building Supplies	6,285	3,000	2,000	3,000	-	0.00%
521900 - Vehicle Supplies	111,701	100,000	115,000	110,000	10,000	10.00%
521910 - Tires and Tubes	102,772	119,000	119,000	130,000	11,000	9.24%
522000 - Equipment Supplies	-	-	40	-	-	0.00%
522200 - Road Maintenance Supplies	350	2,000	2,000	2,000	-	0.00%

Expense Detail (continued)

Parkway Transfer 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 (continued)						
523000 - Other Supplies	\$ 856	\$ 1,200	\$ 1,200	\$ 1,200	\$ -	0.00%
523660 - Small Plants Supplies	-	-	-	-	-	0.00%
525000 - Recovery - Supplies	-	-	-	-	-	0.00%
Supplies Total	\$ 528,302	\$ 575,420	\$ 582,960	\$ 684,525	\$ 109,105	18.96%
Services						
530300 - Automotive Insurance	\$ 52,860	\$ 73,185	\$ 73,185	\$ 67,555	\$ (5,630)	-7.69%
530400 - Fire & Exten Cov Ins	797	1,020	1,020	1,180	160	15.69%
530900 - General Liability Ins	865	1,725	1,725	1,080	(645)	-37.39%
531000 - Telephone	161	200	200	200	-	0.00%
531020 - Internet Service	2,965	3,600	3,600	3,480	(120)	-3.33%
531100 - Electric Power	21,559	21,000	18,000	21,000	-	0.00%
531120 - Retail Water Service	7,696	9,000	9,000	9,000	-	0.00%
531300 - Engin/Consultant Svc	5,400	1,400	1,600	1,600	200	14.29%
531310 - Special Studies & Rpts	-	5,000	-	5,000	-	0.00%
531400 - Legal Service	-	100,000	50,000	50,000	(50,000)	-50.00%
531700 - Advertising	-	6,100	6,100	-	(6,100)	-100.00%
531800 - Rent or Lease Payment	3,237	1,500	2,500	1,500	-	0.00%
531900 - Travel and Training	2,850	4,195	4,195	4,345	150	3.58%
532100 - Vehicle Maint	33,245	85,000	62,000	75,000	(10,000)	-11.76%
532200 - Equipment Maintenance	42,018	30,000	30,000	30,000	-	0.00%
532300 - Postage	55	500	500	200	(300)	-60.00%
532400 - Office Equip Maint	1,840	5,840	4,840	5,000	(840)	-14.38%
532800 - Grounds Maintenance	3,281	6,795	5,845	6,795	-	0.00%
532850 - Building Maintenance	910	2,000	8,835	2,000	-	0.00%
533000 - Other Services	14,469	18,000	13,500	10,200	(7,800)	-43.33%
533020 - Contract Labor	75,462	73,320	73,320	102,960	29,640	40.43%
533100 - Administration	6,475	6,645	6,645	13,290	6,645	100.00%
533900 - Permits, Ins, & Lic Fees	841	840	840	840	-	0.00%
534000 - Uninsured losses	4,512	-	3,235	-	-	0.00%
Shared Services	246,723	257,745	271,695	366,800	109,055	42.31%
Services Total	\$ 528,221	\$ 714,610	\$ 652,380	\$ 779,025	\$ 64,415	9.01%
Capital Outlay						
540300 - Vehicle Equipment	\$ 866,718	\$ 480,000	\$ 482,700	\$ -	\$ (480,000)	-100.00%
Capital Outlay Total	\$ 866,718	\$ 480,000	\$ 482,700	\$ -	\$ (480,000)	-100.00%
Grand Total	\$ 3,751,872	\$ 3,491,325	\$ 3,386,235	\$ 3,299,360	\$ (191,965)	-5.50%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$191,965 from the FY22 Original Budget. Major variances are explained below:

- Vehicle Equipment decreased due to no new purchases of vehicles this year, which helps to offset increases in other areas
- Personnel increased as a result of higher Wages and Insurance costs
- Fuel, Oil and Lube increased as a result of higher fuel costs
- Contract Labor increased as a result of increase in hourly rate
- Shared Services increased based on higher budgets and allocation factors
- Legal Services decreased due to a reduction in need

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.

FY2023 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			
Full-Time Positions	FY22	FY23	Difference
Administrative Technician	0.20	0.20	-
Assistant Deputy (Solid Waste)	0.20	0.20	-
Scale Operator	3.00	3.00	-
Transfer Station Equipment Operator	4.00	4.00	-
Transfer Station Manager	0.33	0.33	-
Transfer Station Supervisor *	1.00	1.00	-
Transport Driver	15.00	16.00	1.00
Total Full-Time Positions	23.73	24.73	1.00

* Title change per FY22 Compensation Study

Expense Detail

Custer Transfer 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
Personnel						
510000 - Wages	\$ 1,291,479	\$ 1,299,715	\$ 1,262,230	\$ 1,468,985	\$ 169,270	13.02%
511060 - Overtime	544,376	470,000	470,000	470,000	-	0.00%
512000 - Social Security	136,225	99,415	109,875	112,365	12,950	13.03%
513000 - Workers' Comp Ins	78,661	53,005	55,635	60,170	7,165	13.52%
513020 - Hospitalization Ins	288,565	303,835	324,025	384,830	80,995	26.66%
513040 - Dental Ins	15,357	15,670	14,805	17,830	2,160	13.78%
513060 - Life Ins	3,300	3,245	3,145	3,675	430	13.25%
514000 - Retirement	205,925	234,585	234,585	251,375	16,790	7.16%
514010 - Retiree - Insurance	35,922	75,330	75,330	82,175	6,845	9.09%
514020 - Comp Absences-vacation	15,140	10,350	10,350	9,315	(1,035)	-10.00%
514030 - Comp Absences-sick	15,665	12,150	12,150	-	(12,150)	-100.00%
515000 - Cell Phone Stipend	5,486	6,015	7,075	8,415	2,400	39.90%
Personnel Total	\$ 2,636,101	\$ 2,583,315	\$ 2,579,205	\$ 2,869,135	\$ 285,820	11.06%
Supplies						
520100 - Office Supplies	\$ 2,793	\$ 1,400	\$ 2,800	\$ 1,600	\$ 200	14.29%
520110 - Computer Supplies	21,497	8,650	20,650	9,950	1,300	15.03%
520300 - Clothing Supplies	13,159	14,130	14,130	15,725	1,595	11.29%
520600 - Fuel, Oil and Lube	399,695	402,760	422,760	657,375	254,615	63.22%
520630 - Toll Fees	97,758	80,000	113,000	110,000	30,000	37.50%
520800 - Small Tools & Equip	1,464	500	1,000	750	250	50.00%
520810 - Fire Extinguishers	3,317	2,580	5,580	3,180	600	23.26%
520900 - Janitorial Supplies	917	1,500	1,500	1,500	-	0.00%
521100 - Medical Supplies	1,915	250	250	250	-	0.00%
521110 - Safety Supplies	9,564	6,160	6,160	6,775	615	9.98%
521200 - Chem - Other	10,667	16,000	16,000	10,000	(6,000)	-37.50%
521300 - Botanical Supplies	640	-	-	-	-	0.00%
521400 - Electrical Supplies	4,763	3,000	3,000	3,500	500	16.67%
521500 - Mechanical Supplies	38,302	40,000	23,500	37,000	(3,000)	-7.50%
521700 - Building Supplies	3,449	4,800	3,300	4,800	-	0.00%
521900 - Vehicle Supplies	137,969	135,000	135,000	155,000	20,000	14.81%
521910 - Tires and Tubes	110,784	100,000	100,000	110,000	10,000	10.00%

Expense Detail (continued)

Custer Transfer 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 (continued)						
522200 - Road Maintenance Supplies \$	3,606	\$ 3,000	\$ 2,000	\$ 3,000	\$ -	0.00%
523000 - Other Supplies	2,666	1,500	2,500	1,500	-	0.00%
Supplies Total	\$ 864,927	\$ 821,230	\$ 873,130	\$ 1,131,905	\$ 310,675	37.83%
Services						
530300 - Automotive Insurance	\$ 121,652	\$ 156,290	\$ 156,290	\$ 121,190	\$ (35,100)	-22.46%
530400 - Fire & Exten Cov Ins	7,334	9,390	9,390	10,980	1,590	16.93%
530900 - General Liability Ins	1,449	2,445	2,445	1,630	(815)	-33.33%
531000 - Telephone	3,843	2,760	5,060	4,440	1,680	60.87%
531020 - Internet Service	1,342	1,980	1,980	1,860	(120)	-6.06%
531100 - Electric Power	27,032	27,000	35,500	30,000	3,000	11.11%
531120 - Retail Water Service	12,530	13,000	13,000	13,000	-	0.00%
531300 - Engin/Consultant Svc	26,428	3,300	3,300	8,700	5,400	163.64%
531310 - Special Studies & Rpts	-	5,000	-	5,000	-	0.00%
531400 - Legal Service	4,839	500	500	500	-	0.00%
531700 - Advertising	-	-	210	-	-	0.00%
531800 - Rent or Lease Payment	5,870	1,500	4,500	1,500	-	0.00%
531900 - Travel and Training	3,550	5,530	4,780	5,730	200	3.62%
532100 - Vehicle Maint	14,520	110,000	60,000	100,000	(10,000)	-9.09%
532200 - Equipment Maintenance	36,519	40,000	40,000	40,000	-	0.00%
532300 - Postage	31	50	50	50	-	0.00%
532400 - Office Equip Maint	13,640	7,640	6,640	7,500	(140)	-1.83%
532800 - Grounds Maintenance	14,580	23,040	23,040	23,040	-	0.00%
532850 - Building Maintenance	16,541	8,000	8,000	8,000	-	0.00%
533000 - Other Services	31,531	27,000	172,000	23,100	(3,900)	-14.44%
533020 - Contract Labor	109,077	134,420	134,420	171,600	37,180	27.66%
533100 - Administration	10,560	11,070	11,070	22,140	11,070	100.00%
533900 - Permits, Ins, & Lic Fees	1,141	1,775	1,775	1,775	-	0.00%
534000 - Uninsured losses	10,499	-	1,000	-	-	0.00%
Shared Services	388,989	386,845	405,345	535,960	149,115	38.55%
Services Total	\$ 863,497	\$ 978,535	\$ 1,100,295	\$ 1,137,695	\$ 159,160	16.27%
Capital Outlay						
540300 - Vehicle Equipment	\$ 1,605,374	\$ 421,000	\$ 414,190	\$ 444,000	\$ 23,000	5.46%
542000 - Other Capital Outlay	517,574	340,000	340,000	185,000	(155,000)	-45.59%
Capital Outlay Total	\$ 2,122,948	\$ 761,000	\$ 754,190	\$ 629,000	\$ (132,000)	-17.35%
Grand Total	\$ 6,487,472	\$ 5,144,080	\$ 5,306,820	\$ 5,767,735	\$ 623,655	12.12%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$623,655 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to the addition of a new transport drive, higher Wages and Insurance costs
- Fuel, Oil and Lube increased due to rise in fuel costs
- Toll fees increased based on historical actuals
- Shared Services allocation increased for FY23
- Contract Labor increased as a result of increase in hourly rate
- Other Capital Outlay decreased due to reduction in need for repairs

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.

FY2023 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	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
531300 - Engin/Consultant Svc	\$ 33,373	\$ 35,515	\$ 46,315	\$ 36,245	\$ 730	2.06%
531400 - Legal Service	9,045	2,000	5,500	2,000	-	0.00%
532200 - Equipment Maintenance	-	750	750	750	-	0.00%
532300 - Postage	-	25	100	100	75	300.00%
532800 - Grounds Maintenance	15,580	16,120	16,120	16,120	-	0.00%
533100 - Administration	105	110	110	220	110	100.00%
Shared Services	13,365	17,870	12,795	13,665	(4,205)	-23.53%
Services Total	\$ 71,468	\$ 72,390	\$ 81,690	\$ 69,100	\$ (3,290)	-4.54%
Grand Total	\$ 71,468	\$ 72,390	\$ 81,690	\$ 69,100	\$ (3,290)	-4.54%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$3,290 from the FY22 Original Budget due to a decrease in Shared Services allocation.

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.

FY2023 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
- Landfill gas collection and control system operation and maintenance
- Engineering for Spur 399 Extension and Permit Modification

Expense Detail

McKinney Landfill	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						
520100 - Office Supplies	\$ 540	\$ -	\$ -	\$ -	-	0.00%
520110 - Computer Supplies	-	1,200	540	540	(660)	-55.00%
Supplies Total	\$ 540	\$ 1,200	\$ 540	\$ 540	(660)	-55.00%
Services						
531020 - Internet Service	\$ 267	\$ -	\$ 660	\$ 660	660	0.00%
531100 - Electric Power	43,034	12,000	17,000	15,000	3,000	25.00%
531300 - Engin/Consultant Svc	68,810	78,455	81,455	131,680	53,225	67.84%
531400 - Legal Service	1,621	1,000	1,500	3,000	2,000	200.00%
532300 - Postage	-	30	30	30	-	0.00%
532800 - Grounds Maintenance	6,816	9,850	9,850	9,850	-	0.00%
533000 - Other Services	12,844	30,000	22,500	30,000	-	0.00%
Shared Services	9,625	8,715	12,215	8,805	90	1.03%
Services Total	\$ 143,017	\$ 140,050	\$ 145,210	\$ 199,025	\$ 58,975	42.11%
Grand Total	\$ 143,557	\$ 141,250	\$ 145,750	\$ 199,565	\$ 58,315	41.28%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$58,315 from the FY22 Original Budget based on higher Electric Power costs and Engineering/Consultant Services increase for Spur 399 extension permit.

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.

FY2023 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

Position Summary

121 Regional Disposal Facility

Full-Time Positions	FY22	FY23	Difference
Administrative Technician	0.20	0.20	-
Assistant Deputy (Solid Waste)	0.20	0.20	-
Heavy Equipment Operator	19.00	19.00	-
Landfill Manager	1.00	1.00	-
Landfill Scalehouse Coordinator	1.00	1.00	-
Landfill Spotter	1.00	1.00	-
Landfill Supervisor *	2.00	2.00	-
Operations Assistant	1.00	1.00	-
Scale Operator	4.00	4.00	-
Tipper Operator	1.00	1.00	-
Total Full-Time Positions	30.40	30.40	-

* Title change per FY22 Compensation Study

Expense Detail

121 Regional Disposal Facility	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
Personnel						
510000 - Wages	\$ 1,610,345	\$ 1,763,540	\$ 1,628,465	\$ 1,867,580	\$ 104,040	5.90%
511060 - Overtime	493,549	370,000	370,000	370,000	-	0.00%
512000 - Social Security	159,792	134,780	135,490	142,860	8,080	5.99%
513000 - Workers' Comp Ins	78,864	63,155	56,490	63,720	565	0.89%
513010 - Unemployment Ins	-	-	4,700	-	-	0.00%
513020 - Hospitalization Ins	397,023	401,285	389,635	462,245	60,960	15.19%
513040 - Dental Ins	20,876	18,720	18,540	21,555	2,835	15.14%
513060 - Life Ins	4,165	4,375	3,980	4,640	265	6.06%
514000 - Retirement	262,560	311,750	311,750	322,050	10,300	3.30%
514010 - Retiree - Insurance	129,574	100,105	100,105	105,275	5,170	5.16%
514020 - Comp Absences-vacation	12,765	2,260	2,260	30,040	27,780	1229.20%
514030 - Comp Absences-sick	-	-	-	33,390	33,390	0.00%
515000 - Cell Phone Stipend	1,674	2,015	1,650	2,495	480	23.82%
Personnel Total	\$ 3,171,187	\$ 3,171,985	\$ 3,023,065	\$ 3,425,850	\$ 253,865	8.00%

Expense Detail (continued)

121 Regional Disposal Facility	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						
520100 - Office Supplies	\$ 6,577	\$ 9,225	\$ 9,225	\$ 9,225	\$ -	0.00%
520110 - Computer Supplies	16,078	28,195	28,195	28,560	365	1.29%
520300 - Clothing Supplies	9,952	15,280	15,280	16,920	1,640	10.73%
520600 - Fuel, Oil and Lube	753,535	834,640	1,059,640	1,391,680	557,040	66.74%
520630 - Toll Fees	283	100	500	100	-	0.00%
520800 - Small Tools & Equip	6,725	7,000	7,000	7,000	-	0.00%
520810 - Fire Extinguishers	14,245	13,375	29,375	16,450	3,075	22.99%
520900 - Janitorial Supplies	3,751	2,000	3,000	2,000	-	0.00%
521100 - Medical Supplies	662	280	2,280	1,000	720	257.14%
521110 - Safety Supplies	15,126	15,375	21,375	16,325	950	6.18%
521200 - Chem - Other	27,314	69,600	44,600	69,600	-	0.00%
521400 - Electrical Supplies	2,458	2,000	2,000	2,000	-	0.00%
521500 - Mechanical Supplies	12,861	10,000	12,000	10,000	-	0.00%
521700 - Building Supplies	1,294	1,000	6,000	1,000	-	0.00%
521900 - Vehicle Supplies	535,189	390,000	715,000	750,000	360,000	92.31%
521910 - Tires and Tubes	88,243	74,190	109,190	119,200	45,010	60.67%
522000 - Equipment Supplies	1,406	2,500	1,000	1,500	(1,000)	-40.00%
522100 - Welding Supplies	2,464	5,000	265	-	(5,000)	-100.00%
522200 - Road Maint Supplies	214,382	240,000	143,000	240,000	-	0.00%
523000 - Other Supplies	243,811	266,750	361,750	446,750	180,000	67.48%
Supplies Total	\$ 1,956,354	\$ 1,986,510	\$ 2,570,675	\$ 3,129,310	\$ 1,142,800	57.53%
Services						
530300 - Automotive Insurance	\$ 84,354	\$ 110,140	\$ 110,140	\$ 98,965	\$ (11,175)	-10.15%
530400 - Fire & Exten Cov Ins	1,435	1,840	1,840	2,355	515	27.99%
530520 - Financial Assur Bond/Ins	-	1,200	1,200	-	(1,200)	-100.00%
530900 - General Liability Ins	2,511	3,485	3,485	3,175	(310)	-8.90%
531000 - Telephone	3,476	4,740	12,940	11,640	6,900	145.57%
531020 - Internet Service	112,299	85,500	77,500	67,320	(18,180)	-21.26%
531100 - Electric Power	9,703	14,400	9,400	14,400	-	0.00%
531120 - Retail Water Service	503,877	198,060	198,060	226,860	28,800	14.54%
531200 - Bank Service Fees	58	100	100	100	-	0.00%
531210 - Bank Card Service Fees	69,723	60,000	75,000	75,600	15,600	26.00%
531300 - Engin/Consultant Svc	395,757	317,520	425,020	529,125	211,605	66.64%
531310 - Special Studies & Rpts	-	25,000	-	25,000	-	0.00%
531400 - Legal Service	37,063	22,000	28,000	22,000	-	0.00%
531700 - Advertising	77	125	2,625	500	375	300.00%
531800 - Rent or Lease Payment	37,604	3,000	8,000	6,500	3,500	116.67%
531900 - Travel and Training	6,396	16,700	16,700	18,450	1,750	10.48%
532100 - Vehicle Maint	16,288	4,000	6,000	4,000	-	0.00%
532200 - Equipment Maintenance	1,314,339	950,000	815,000	800,000	(150,000)	-15.79%
532250 - Cap Cont-City of Melissa	320,000	320,000	320,000	298,670	(21,330)	-6.67%
532300 - Postage	390	350	350	350	-	0.00%
532400 - Office Equip Maint	5,447	12,000	12,000	12,000	-	0.00%
532800 - Grounds Maintenance	66,780	96,300	96,300	52,100	(44,200)	-45.90%

Expense Detail (continued)

121 Regional Disposal Facility	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
Services (continued)						
532850 - Building Maintenance	\$ 6,837	\$ 2,000	\$ 2,000	\$ 2,000	\$ -	0.00%
533000 - Other Services	189,759	207,560	285,000	225,160	17,600	8.48%
533020 - Contract Labor	162,982	144,300	194,300	205,920	61,620	42.70%
533100 - Administration	27,165	24,665	24,665	49,325	24,660	99.98%
533900 - Permits, Ins, & Lic Fees	910,886	885,075	935,075	941,475	56,400	6.37%
533920 - Regulatory Fees & Asses	431,800	10,650	8,150	9,850	(800)	-7.51%
534000 - Uninsured losses	11,189	-	1,000	-	-	0.00%
534300 - Composting Services	685,396	624,360	699,360	785,745	161,385	25.85%
Shared Services	1,000,159	1,096,965	1,231,025	1,323,475	226,510	20.65%
Services Total	\$ 6,413,751	\$ 5,242,035	\$ 5,600,235	\$ 5,812,060	\$ 570,025	10.87%
Capital Outlay						
540300 - Vehicle Equipment	\$ 2,438,771	\$ 3,065,000	\$ 3,017,265	\$ 2,208,165	\$ (856,835)	-27.96%
540700 - Non-Vehicle Equipment	505,203	557,850	607,850	175,000	(382,850)	-68.63%
541500 - Landfill Devel Cost	-	-	-	1,100,000	1,100,000	0.00%
542000 - Other Capital Outlay	-	-	-	236,000	236,000	0.00%
Capital Outlay Total	\$ 2,943,975	\$ 3,622,850	\$ 3,625,115	\$ 3,719,165	\$ 96,315	2.66%
Grand Total	\$14,485,266	\$14,023,380	\$14,819,090	\$16,086,385	\$ 2,063,005	14.71%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$2,063,005 from the FY22 Original Budget. Major variances are explained below:

- Fuel, Oil and Lube increased based on higher fuel costs
- Personnel increased due to higher Wages and Insurance costs
- Vehicle Supplies increased as a result of increase in parts/shipping costs and shift to internal repair business model
- Tires and Tubes increased due to price increases on these supplies
- Other Supplies increased for alternate daily cover at the landfill
- Equipment Maintenance decreased due to shifting to internal repair business model
- Vehicle Equipment decreased due to reduction of need for replacement vehicles and machinery
- Engin/Consultant Svc and Landfill Development Costs have increased for cell development at the landfill
- Composting Services increased as a result of additional in compost tonnage
- Shared Services increased for FY23

Fleet Maintenance Shop

Overview

The mission of the Fleet Maintenance Shop 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. 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.

FY2023 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.
- Establish a Motor Pool System 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
- Installation of additional fuel storage tanks
- Fleet Management Information System and Fuel System annual support and upgrades

Position Summary

Fleet Maintenance Shop

Full-Time Positions	FY22	FY23	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	1.0	2.0	1.0
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 *	4.0	5.0	1.0
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	26.4	28.4	2.0

* Title change per FY22 Compensation Study

Expense Detail

Fleet Maintenance Shop	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
Personnel						
510000 - Wages	\$ 1,454,807	\$ 1,604,830	\$ 1,550,635	\$ 1,938,055	\$ 333,225	20.76%
511060 - Overtime	106,180	132,000	132,000	132,000	-	0.00%
512000 - Social Security	117,347	122,765	120,915	148,260	25,495	20.77%
513000 - Workers' Comp Ins	45,895	40,740	38,240	48,210	7,470	18.34%
513010 - Unemployment Ins	1,164	-	-	-	-	0.00%
513020 - Hospitalization Ins	300,173	338,500	323,735	359,200	20,700	6.12%
513040 - Dental Ins	17,532	16,460	16,470	18,200	1,740	10.57%
513060 - Life Ins	3,826	3,950	3,750	4,770	820	20.76%
514000 - Retirement	234,815	276,555	276,555	335,785	59,230	21.42%
514010 - Retiree - Insurance	85,717	88,805	88,805	109,770	20,965	23.61%
514020 - Comp Absences-vacation	-	1,530	1,530	19,170	17,640	1152.94%
514030 - Comp Absences-sick	1,025	3,630	3,630	39,665	36,035	992.70%
515000 - Cell Phone Stipend	11,624	11,135	10,410	12,575	1,440	12.93%
Personnel Total	\$ 2,380,106	\$ 2,640,900	\$ 2,566,675	\$ 3,165,660	\$ 524,760	19.87%
Supplies						
520100 - Office Supplies	\$ 2,628	\$ 4,520	\$ 6,620	\$ 4,520	-	0.00%
520110 - Computer Supplies	50,280	59,660	140,160	117,360	57,700	96.71%
520300 - Clothing Supplies	17,235	16,660	16,660	20,250	3,590	21.55%
520600 - Fuel, Oil and Lube	12,637	21,600	18,600	34,220	12,620	58.43%
520630 - Toll Fees	1,062	1,000	1,000	1,000	-	0.00%
520800 - Small Tools & Equip	33,101	59,850	59,850	59,850	-	0.00%
520810 - Fire Extinguishers	258	1,200	600	1,200	-	0.00%

Expense Detail (continued)

Fleet Maintenance Shop	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 (continued)						
520820 - Expendable Supplies	\$ 3,351	\$ 5,590	\$ 5,590	\$ 5,590	\$ -	0.00%
520900 - Janitorial Supplies	2,905	4,700	3,200	4,200	(500)	-10.64%
521100 - Medical Supplies	269	600	600	600	-	0.00%
521110 - Safety Supplies	14,392	10,180	11,180	10,180	-	0.00%
521400 - Electrical Supplies	1,303	5,500	3,500	4,500	(1,000)	-18.18%
521700 - Building Supplies	7,565	4,500	4,500	4,500	-	0.00%
521900 - Vehicle Supplies	3,976	5,400	9,400	5,400	-	0.00%
521910 - Tires and Tubes	2,125	3,000	3,000	3,000	-	0.00%
522000 - Equipment Supplies	3,584	3,500	3,500	3,500	-	0.00%
522100 - Welding Supplies	10,389	9,000	11,000	14,000	5,000	55.56%
522200 - Road Maintenance Supplies	-	7,500	-	7,500	-	0.00%
Supplies Total	\$ 167,060	\$ 223,960	\$ 298,960	\$ 301,370	\$ 77,410	34.56%
Services						
530300 - Automotive Insurance	\$ 10,267	\$ 11,250	\$ 11,250	\$ 10,135	\$ (1,115)	-9.91%
530400 - Fire & Exten Cov Ins	6,141	7,865	7,865	10,180	2,315	29.43%
530900 - General Liability Ins	(106)	-	-	2,570	2,570	0.00%
531000 - Telephone	990	1,395	4,745	4,205	2,810	201.43%
531020 - Internet Service	3,310	3,960	3,960	3,960	-	0.00%
531100 - Electric Power	52,078	64,000	80,000	62,000	(2,000)	-3.13%
531120 - Retail Water Service	332	400	400	400	-	0.00%
531300 - Engin/Consultant Svc	687	2,000	52,000	27,000	25,000	1250.00%
531400 - Legal Service	-	1,200	1,200	1,200	-	0.00%
531700 - Advertising	550	400	415	400	-	0.00%
531900 - Travel and Training	1,264	45,015	30,065	55,515	10,500	23.33%
532000 - Mem & Subscriptions	4,686	3,800	3,800	3,800	-	0.00%
532100 - Vehicle Maint	2,496	3,000	5,200	3,000	-	0.00%
532200 - Equipment Maintenance	5,039	3,000	11,200	5,000	2,000	66.67%
532300 - Postage	51	75	75	75	-	0.00%
532850 - Building Maintenance	4,904	16,400	16,400	16,400	-	0.00%
533000 - Other Services	58,396	69,535	54,935	62,735	(6,800)	-9.78%
533100 - Administration	5,005	5,210	5,210	10,420	5,210	100.00%
533900 - Permits, Ins, & Lic Fees	-	-	105	-	-	0.00%
534000 - Uninsured losses	27,136	-	-	-	-	0.00%
Shared Services	325,458	407,475	407,775	482,705	75,230	18.46%
Services Total	\$ 508,682	\$ 645,980	\$ 696,600	\$ 761,700	\$ 115,720	17.91%
Capital Outlay						
540300 - Vehicle Equipment	\$ 31,585	\$ -	\$ -	\$ 55,000	\$ 55,000	0.00%
540700 - Non-Vehicle Equipment	47,246	-	82,770	443,000	443,000	0.00%
Capital Outlay Total	\$ 78,830	\$ -	\$ 82,770	\$ 498,000	\$ 498,000	0.00%
Grand Total	\$ 3,134,679	\$ 3,510,840	\$ 3,645,005	\$ 4,726,730	\$ 1,215,890	34.63%

Major FY21 Budget Items

The department's FY23 Proposed Budget has increased by \$1,215,890 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance, Retirement Costs and the addition of 2 new FTEs
- Vehicle and Non-Vehicle Equipment increased due to purchased and replacement of bulk fuel tanks and new forklift as a result of the shop expansion
- Shared Services increased for FY23
- Computer Supplies increased due to the purchasing of Faster Motor Pool software and web hosting along with EJ Ward Annual Management

Expense Detail

RSWS Escrow, CIF & DS	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
Rsv for Maint Escrow	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ -	0.00%
Equip Replace Escrow	\$ 2,251,000	\$ 2,660,000	\$ 2,660,000	\$ 380,000	\$ (2,280,000)	-85.71%
Capital Imp Fund	\$ 297,900	\$ 297,900	\$ 297,900	\$ 200,000	\$ (97,900)	-32.86%
Debt Service						
Bonds:						
Current (P&I)	\$ 4,985,200	\$ 5,147,131	\$ 5,147,131	\$ 5,715,631	\$ 568,500	11.04%
New (P&I)	-	526,125	539,801	2,094,750	1,568,625	298.15%
Total	\$ 4,985,200	\$ 5,673,256	\$ 5,686,932	\$ 7,810,381	\$ 2,137,125	37.67%
Other						
Reserve Fund Interest Tfr	\$ -	\$ -	\$ (78,600)	\$ -	\$ -	0.00%
I&S Fund Interest	-	-	-	-	-	0.00%
Fund Balance Change	-	35,744	100,668	16,619	(19,125)	-53.51%
Total	\$ -	\$ 35,744	\$ 22,068	\$ 16,619	\$ (19,125)	-53.51%
Transfer to I&S Fund	\$ 4,985,200	\$ 5,709,000	\$ 5,709,000	\$ 7,827,000	\$ 2,118,000	37.10%
Bond Service Fees	\$ 9,975	\$ 16,360	\$ 16,360	\$ 15,270	\$ (1,090)	-6.66%
Total Debt Service	\$ 4,995,175	\$ 5,725,360	\$ 5,725,360	\$ 7,842,270	\$ 2,116,910	36.97%
Total Escrow, CIF & DS	\$ 7,554,075	\$ 8,693,260	\$ 8,693,260	\$ 8,432,270	\$ (260,990)	-3.00%

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SHARED SERVICES FUND

Environmental Services / Laboratory Building



Shared Services Fund

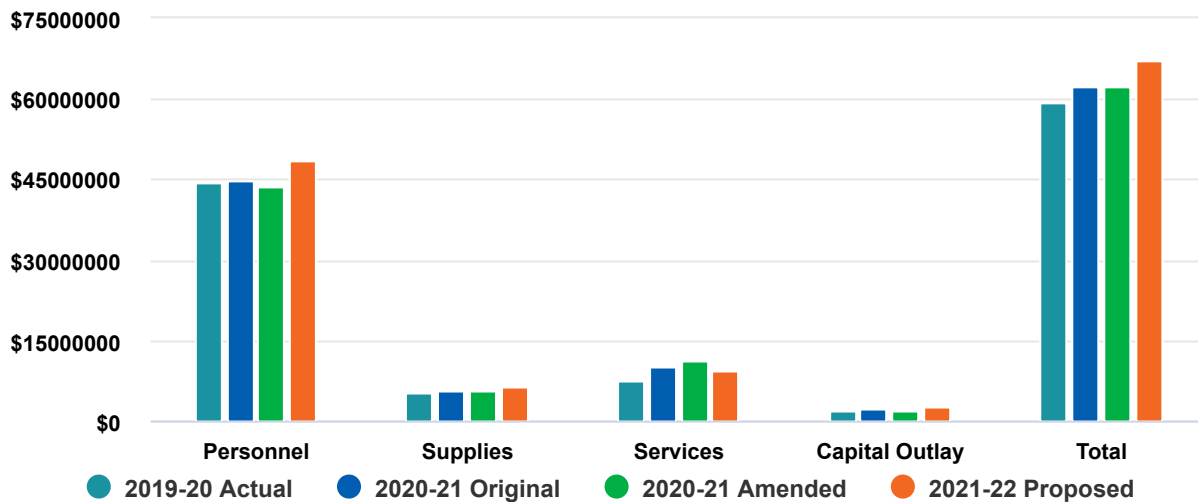
The Shared Services Fund is comprised of multiple departments that provide common or shared essential services to the Regional Water, Regional Wastewater, Upper East Fork Interceptor, Small Systems and Regional Solid Waste Operating Systems.

The Shared Service departments are as follows:

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

The Shared Services Fund departments have a total of 422 employees. Detailed position counts are shown within each of the departmental executive summaries.

SHARED SERVICES FUND EXPENDITURES BY CATEGORY



Expenditures

	2020-21		2021-22		2021-22		2022-23		Variance \$	Variance %
Category	Actual		Original Budget		Amended Budget		Proposed Budget		To Original Budget	To Original Budget
Personnel	\$ 43,630,107	\$	48,586,475	\$	47,212,395	\$	54,649,990	\$	6,063,515	12.48%
Supplies	5,394,318		6,449,405		6,634,935		6,841,895		392,490	6.09%
Services	8,648,548		9,350,600		9,446,330		12,343,500		2,992,900	32.01%
Capital Outlay	2,430,539		2,755,750		3,054,730		1,270,710		(1,485,040)	-53.89%
Total	\$ 60,103,512	\$	67,142,230	\$	66,348,390	\$	75,106,095	\$	7,963,865	11.86%

The FY22 Amended Budget for expenditures totals \$66,348,390 which is \$793,840 or 1.18% less than the Original Budget of \$67,142,230 . Shared Services Fund expenditures for FY23 are \$75,106,095 , which is \$7,963,865 or 11.86% greater than the FY22 Budget. Major budget variances are explained below:

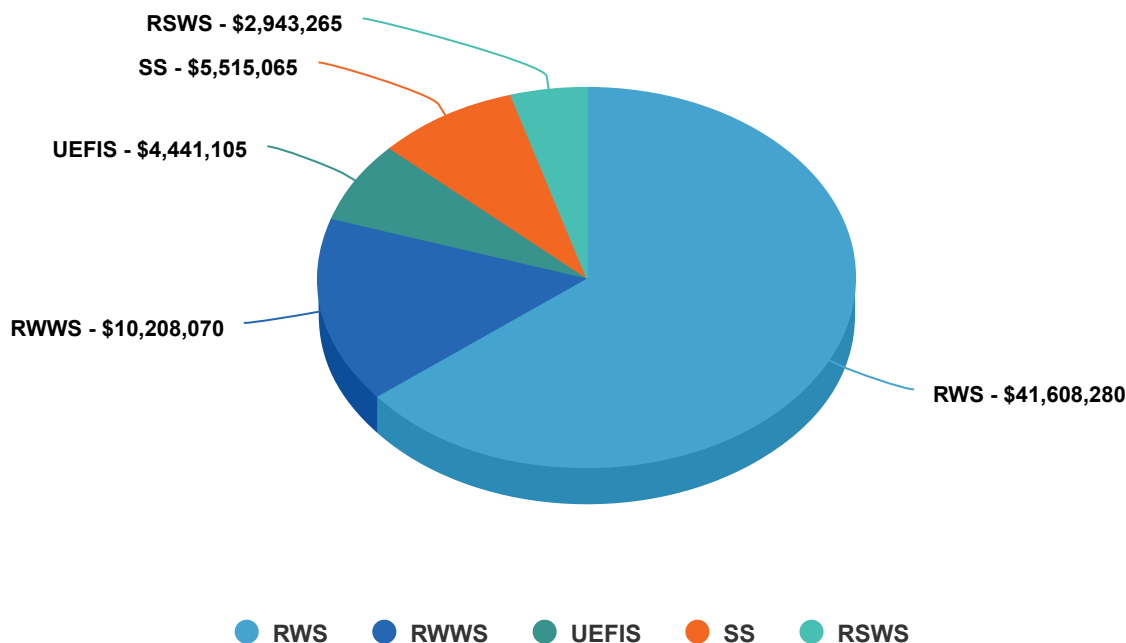
- Increase of \$6,063,515 for Personnel due to higher wages, insurance/retirement costs and to fund sixteen new positions for various Shared Services departments
- Increase of \$2,992,900 in Services for Engineering/Consultant Services in the Engineering department primarily for a GIS Strategic Initiative and in the Safety department for strategic security systems consultation, crane safety consultations, emergency action plan consultations, and strategic work hazard consultations
- Increase in Supplies of \$392,490 primarily for Computer Supplies due to supply chain increases and for Strategic Plan initiatives related to Cyber Security, Data/Info Strategy, GIS and Consulting
- Decrease of (\$1,485,040) in Capital Outlay to a decrease in Vehicle Equipment, Office Equipment and Non-vehicle Equipment purchases

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. For the Direct Costs each operating system budgets for expected direct expenses based on historicals and trends. 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, the Finance department 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.

FY2023 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			
Full-Time Positions	FY22	FY23	Difference
Board Administrative Support Specialist	1.00	1.00	-
Board Liason & Assistant to the General Manager	1.00	1.00	-
Deputy Director (Administrative Services)	1.00	1.00	-
Deputy Director (Engineering & CIP)	1.00	1.00	-
Deputy Director (Solid Waste & Integrated Services)	1.00	1.00	-
Deputy Director (Water & Wastewater)	1.00	1.00	-
Energy Program Manager	1.00	-	(1.00)
Executive Administrative Assistant	2.00	2.00	-
Executive Director / General Manager	1.00	1.00	-
General Counsel	-	1.00	1.00
Government Relations Advisor	1.00	1.00	-
Process Improvement Advisor	1.00	1.00	-
Special Projects Manager	1.00	-	(1.00)
Total Full-Time Positions	13.00	12.00	(1.00)

Expense Detail

General Department	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
Personnel						
510000 - Wages	\$ 1,757,402	\$ 2,330,230	\$ 2,012,945	\$ 2,446,460	\$ 116,230	4.99%
511060 - Overtime	1,415	-	-	-	-	0.00%
511070 - Board of Directors	145,050	125,000	125,000	175,000	50,000	40.00%
511080 - Special Wage Payment	3,600	3,600	3,600	3,600	-	0.00%
512000 - Social Security	116,657	134,395	125,355	132,585	(1,810)	-1.35%
513000 - Workers' Comp Ins	3,237	3,305	2,735	3,475	170	5.14%
513020 - Hospitalization Ins	144,455	214,940	190,425	212,950	(1,990)	-0.93%
513040 - Dental Ins	7,674	11,275	8,810	9,480	(1,795)	-15.92%
513060 - Life Ins	3,431	5,190	4,705	5,450	260	5.01%
514000 - Retirement	289,649	430,245	430,245	481,080	50,835	11.82%
514010 - Retiree - Insurance	39,206	91,960	91,960	110,250	18,290	19.89%
514020 - Comp Absences-vacation	87,665	42,935	42,935	33,955	(8,980)	-20.92%
514030 - Comp Absences-sick	90,465	38,210	38,210	36,665	(1,545)	-4.04%
515000 - Cell Phone Stipend	4,840	6,240	5,000	5,760	(480)	-7.69%
Personnel Total	\$ 2,694,746	\$ 3,437,525	\$ 3,081,925	\$ 3,656,710	\$ 219,185	6.38%
Supplies						
520100 - Office Supplies	\$ 3,192	\$ 4,050	\$ 4,050	\$ 4,050	\$ -	0.00%
520110 - Computer Supplies	12,210	9,650	9,650	9,650	-	0.00%
520200 - Xerox Supplies	15,496	30,000	30,000	-	(30,000)	-100.00%
520300 - Clothing Supplies	83	-	-	-	-	0.00%
520600 - Fuel, Oil and Lube	835	1,750	1,750	1,750	-	0.00%
520630 - Toll Fees	52	200	200	200	-	0.00%
521700 - Building Supplies	73,140	9,800	9,800	9,800	-	0.00%
521900 - Vehicle Supplies	34	220	220	220	-	0.00%
521910 - Tires and Tubes	1	500	500	500	-	0.00%
Supplies Total	\$ 105,043	\$ 56,170	\$ 56,170	\$ 26,170	\$ (30,000)	-53.41%
Services						
530300 - Automotive Insurance	\$ 1,198	\$ 1,280	\$ 1,280	\$ 1,365	\$ 85	6.64%
530400 - Fire & Exten Cov Ins	19,619	25,120	25,120	24,800	(320)	-1.27%
530500 - Employee Bonds	8,925	11,990	11,990	13,065	1,075	8.97%
530510 - Directors & Officers Ins	161,923	185,030	185,030	177,815	(7,215)	-3.90%
531020 - Internet Service	21,235	18,720	18,720	18,720	-	0.00%
531100 - Electric Power	46,896	40,000	52,500	40,000	-	0.00%
531110 - Nat Gas, Butane & Kero	19,517	19,000	19,000	19,000	-	0.00%
531120 - Retail Water Service	6,612	3,500	3,500	3,500	-	0.00%
531300 - Engin/Consultant Svc	41,230	120,000	30,000	30,000	(90,000)	-75.00%
531310 - Special Studies & Rpts	-	90,000	90,000	90,000	-	0.00%
531400 - Legal Service	191,273	300,000	300,000	600,000	300,000	100.00%
531410 - Legal Service, P.A.	801,920	-	-	-	-	0.00%
531490 - Raw Water Development	421,925	475,000	475,000	-	(475,000)	-100.00%
531500 - Planning & Development	232,943	-	-	-	-	0.00%

Expense Detail (continued)

General Department	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
Services (continued)						
531600 - Printing & Binding	\$ 785	\$ 500	\$ 500	\$ 500	\$ -	0.00%
531700 - Advertising	81	-	-	-	-	0.00%
531800 - Rent or Lease Payment	-	-	-	20,100	20,100	0.00%
531900 - Travel and Training	19,723	162,780	162,780	162,780	-	0.00%
532000 - Mem & Subscriptions	170,775	158,760	158,760	26,000	(132,760)	-83.62%
532100 - Vehicle Maint	17	500	500	500	-	0.00%
532110 - Veh Maint by Solid Waste	238	200	200	200	-	0.00%
532300 - Postage	15,742	20,000	20,000	20,000	-	0.00%
532850 - Building Maintenance	43,892	1,600	1,600	1,600	-	0.00%
533030 - Contractual Safety Serv	1,250	3,560	3,560	3,560	-	0.00%
534000 - Uninsured losses	820	-	-	-	-	0.00%
Services Total	\$ 2,228,536	\$ 1,637,540	\$ 1,560,040	\$ 1,253,505	\$ (384,035)	-23.45%
Grand Total	\$ 5,028,324	\$ 5,131,235	\$ 4,698,135	\$ 4,936,385	\$ (194,850)	-3.80%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$194,850 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to addition of 1 new position for General Counsel along with higher Wages, Insurance and Retirement costs. The Energy Program Manager and Special Projects Manager were moved to other departments.
- Costs related directly to water, including Raw Water Development and Memberships & Subscriptions are now budgeted in the Regional Water System
- Engineering/Consultant Services related to Energy Consultant budgets have been moved over to the Engineering department
- Increase to Legal fees based on historical activity
- Xerox supplies have been moved into the Rent or Lease Payment budget line

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.

FY2023 Department Objectives (Supporting Strategic Goals)

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

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

People: Build a talented, competent, and committed team

The Communications Department objectives mirror those across the organization as effective communication is critical for successful implementation of all NTMWD initiatives, programs and projects, and the public expects transparency and timely information about NTMWD and its operations. Key areas of focus requiring Communications' support for FY23 include:

- 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.
- Bois d'Arc Lake, Sister Grove RWRRF and other major capital project plans, permits, land acquisition and construction for all three services.
- Water quality compliance and treatment processes.
- Budget, rates/costs, cost drivers and efficiencies.
- Various operations initiatives and workforce communications.
- Safety and emergency/crisis response.
- 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 including One Water and the Value of Water.
- 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 including regional and local campaigns, Water4Otter, WaterMyYard, Pledge to Plant Smart, Defend Your Drains, Doo The Right Thing and Clean-Drain-Dry and the Industrial, Commercial, Institutional & Multifamily (ICIM) programs.
- Continued collaboration with Texas A&M Agrilife Extension, Master Gardeners, NCTCOG and horticulture professionals to provide proven landscape best management practices for publications, community, education classes and WaterMyYard irrigation tool to aid in a reduction of water use.
- Provide water conservation consistency of initiatives and common messaging throughout the region. NTMWD has developed partnerships with Member Cities and Customers through the development of NTMWD's Water Conservation Plan, Water Resource and Emergency Management Plan, Model Water Conservation Plan and 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; signage; and applications or abstracts for industry presentations, awards and recognitions.
- Water conservation messaging, public education outreach and community awareness in current and expanding service areas.
- Tours, outreach and partnering events for Board of Directors, partner agencies, legislators, Member City and Customer officials, staff, community leaders 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.

Position Summary

Communications Department			
Full-Time Positions	FY22	FY23	Difference
Communications Assistant *	1.00	1.00	-
Director of Communications	1.00	1.00	-
Multi-Media Specialist *	1.00	1.00	-
Public Communications Manager *	1.00	1.00	-
Public Education Manager *	1.00	1.00	-
Public Education Specialist	-	1.00	1.00
Total Full-Time Positions	5.00	6.00	1.00

* Title change per FY22 Compensation Study

Expense Detail

Communications Department	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
Personnel						
510000 - Wages	\$ 179,349	\$ 451,745	\$ 404,525	\$ 582,335	\$ 130,590	28.91%
511060 - Overtime	167	-	-	-	-	0.00%
512000 - Social Security	13,670	34,565	30,835	43,910	9,345	27.04%
513000 - Workers' Comp Ins	325	645	530	830	185	28.68%
513020 - Hospitalization Ins	36,912	56,905	45,660	61,310	4,405	7.74%
513040 - Dental Ins	1,560	2,380	2,440	3,070	690	28.99%
513060 - Life Ins	476	1,060	900	1,375	315	29.72%
514000 - Retirement	40,965	43,265	43,265	77,100	33,835	78.20%
514010 - Retiree - Insurance	47,535	13,895	13,895	25,205	11,310	81.40%
514020 - Comp Absences-vacation	-	11,330	11,330	-	(11,330)	-100.00%
515000 - Cell Phone Stipend	1,000	1,920	1,440	2,400	480	25.00%
Personnel Total	\$ 321,960	\$ 617,710	\$ 554,820	\$ 797,535	\$ 179,825	29.11%

Expense Detail (continued)

Communications Department	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						
520100 - Office Supplies	\$ 28	\$ 500	\$ 1,230	\$ 750	\$ 250	50.00%
520110 - Computer Supplies	3,140	3,600	11,120	30,590	26,990	749.72%
520120 - Photo and Video Supplies	365	1,000	1,340	1,000	-	0.00%
520600 - Fuel, Oil and Lube	49	-	-	2,400	2,400	0.00%
521110 - Safety Supplies	-	-	320	615	615	0.00%
521900 - Vehicle Supplies	12	-	-	565	565	0.00%
521910 - Tires and Tubes	0	-	-	345	345	0.00%
Supplies Total	\$ 3,594	\$ 5,100	\$ 14,010	\$ 36,265	\$ 31,165	611.08%
Services						
530300 - Automotive Insurance	\$ 208	\$ 215	\$ 215	\$ 240	\$ 25	11.63%
531020 - Internet Service	1,639	2,160	2,160	21,120	18,960	877.78%
531030 - Web Site Serv	27,828	24,000	24,945	98,200	74,200	309.17%
531300 - Engin/Consultant Svc	64,431	48,000	57,140	157,600	109,600	228.33%
531310 - Special Studies & Rpts	555	12,000	11,055	-	(12,000)	-100.00%
531320 - Water Conservation Prog	-	-	-	1,588,360	1,588,360	0.00%
531500 - Planning & Development	996	57,650	36,045	13,200	(44,450)	-77.10%
531600 - Printing & Binding	-	-	1,320	-	-	0.00%
531700 - Advertising	38,931	59,700	59,700	2,500	(57,200)	-95.81%
531900 - Travel and Training	1,012	10,300	10,300	37,500	27,200	264.08%
532000 - Mem & Subscriptions	3,550	4,055	7,655	62,500	58,445	1441.31%
532100 - Vehicle Maint	8	-	-	100	100	0.00%
532110 - Veh Maint by Solid Waste	-	-	-	260	260	0.00%
532200 - Equipment Maintenance	-	-	-	3,000	3,000	0.00%
Services Total	\$ 139,159	\$ 218,080	\$ 210,535	\$ 1,984,580	\$ 1,766,500	810.02%
Grand Total	\$ 464,712	\$ 840,890	\$ 779,365	\$ 2,818,380	\$ 1,977,490	235.17%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$1,977,490 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- Public Education / Water Conservation program expenses moved from RWS to Communications. This includes the \$1.6M for the Water Conservation Program account as well as the majority of increases in Travel and Training, Memberships and Subscriptions and Engin/Consultant Services.

Engineering Department

Overview

The Engineering Department includes the functions of Planning, Project Delivery and Real Estate. The essential functions of each are as follows:

- **Planning:** Lead 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.
- **Project Delivery:** Take the lead in developing project scopes for new and major expansion/rehabilitation capital projects. Select design consultants and administer the Engineering Services contracts, including leading the review of technical and contractual aspects. Coordinate the advertisement and competitive bid processes, administer the execution of construction contract and serve as NTMWD Owner's Agent throughout the construction and startup phases of the project.
- **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.

FY2023 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 move toward full capacity of existing supplies and the development of new supplies from the Trinity River Main Stem and Bois d'Arc Lake.
- Advance expansion into new wastewater service areas by developing a new northern Regional Water Resource Recovery Facility and associated regional collection system.

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.
- Actively engage cities through planning, engineering and utility management staff to effectively plan for changing capacity needs 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 and project delivery tracking by the District's Engineering staff.
- Vehicles and remote computer access to enable construction field monitoring of projects spread across the NTMWD service area.
- Training and exposure for professional technical staff to maintain knowledge of current and best practices in the water, wastewater and solid waste industries.

Position Summary

Engineering Department			
Full-Time Positions	FY22	FY23	Difference
Administrative Technician	4.00	4.00	-
Assistant Deputy (CIP)	0.90	0.90	-
Assistant Deputy (Engineering)	1.00	1.00	-
Assistant Planning Program Manager	1.00	1.00	-
Construction Inspection Supervisor *	8.00	8.00	-
Construction Inspector I	19.00	20.00	1.00
Construction Inspector II	13.00	16.00	3.00
Construction Manager	1.00	1.00	-
Energy Program Manager	-	1.00	1.00
Engineering Manager	2.00	2.00	-
Engineering Program Manager *	5.00	6.00	1.00
Engineering Projects Coordinator	1.00	1.00	-
Engineering Technician	4.00	4.00	-
Graduate Engineer	2.00	2.00	-
Instrumentation & Electrical Construction Supervisor	1.00	1.00	-
Land Agent	2.00	2.00	-
Planning Program Manager	1.00	1.00	-
Professional Engineer	21.00	23.00	2.00
Project Controls Specialist - Contracts & Document Mgmt.	1.00	1.00	-
Project Support Supervisor	1.00	1.00	-
Real Estate Manager	1.00	1.00	-
Total Full-Time Positions	89.90	97.90	8.00

* Title change per FY22 Compensation Study

Expense Detail

Engineering Department	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
Personnel						
510000 - Wages	\$ 7,640,286	\$ 8,021,505	\$ 8,052,235	\$ 9,479,275	\$ 1,457,770	18.17%
511060 - Overtime	112,786	153,000	153,000	153,000	-	0.00%
512000 - Social Security	590,508	604,225	598,165	711,410	107,185	17.74%
513000 - Workers' Comp Ins	40,699	36,365	35,440	41,745	5,380	14.79%
513020 - Hospitalization Ins	1,245,158	1,320,915	1,364,405	1,564,825	243,910	18.47%
513040 - Dental Ins	66,552	63,485	67,015	75,490	12,005	18.91%
513060 - Life Ins	19,307	18,880	18,835	22,320	3,440	18.22%
514000 - Retirement	930,230	1,158,310	1,158,310	1,238,005	79,695	6.88%
514010 - Retiree - Insurance	261,065	371,950	371,950	404,700	32,750	8.80%
514020 - Comp Absences-vacation	18,615	107,360	107,360	109,700	2,340	2.18%
514030 - Comp Absences-sick	-	-	-	107,255	107,255	0.00%
515000 - Cell Phone Stipend	36,628	34,990	32,635	38,350	3,360	9.60%
Personnel Total	\$10,961,834	\$11,890,985	\$11,959,350	\$13,946,075	\$ 2,055,090	17.28%
Supplies						
520100 - Office Supplies	\$ 2,707	\$ 16,190	\$ 16,190	\$ 16,190	\$ -	0.00%
520110 - Computer Supplies	283,752	349,665	349,665	404,250	54,585	15.61%
520200 - Xerox Supplies	19,700	8,770	8,770	8,770	-	0.00%
520300 - Clothing Supplies	14,570	19,000	19,000	23,800	4,800	25.26%
520600 - Fuel, Oil and Lube	96,385	112,500	112,500	112,500	-	0.00%
520630 - Toll Fees	3,302	7,500	7,500	7,500	-	0.00%
520800 - Small Tools & Equip	1,446	10,300	10,300	10,300	-	0.00%
521110 - Safety Supplies	10,907	29,630	29,630	31,440	1,810	6.11%
521500 - Mechanical Supplies	17	-	-	-	-	0.00%
521700 - Building Supplies	23,889	8,000	8,000	8,000	-	0.00%
521800 - Engineering Supplies	1,079	6,150	6,150	6,150	-	0.00%
521900 - Vehicle Supplies	11,103	15,000	15,000	16,050	1,050	7.00%
521910 - Tires and Tubes	7,706	16,500	16,500	16,500	-	0.00%
Supplies Total	\$ 476,563	\$ 599,205	\$ 599,205	\$ 661,450	\$ 62,245	10.39%
Services						
530300 - Automotive Insurance	\$ 41,332	\$ 44,870	\$ 44,870	\$ 47,350	\$ 2,480	5.53%
531000 - Telephone	2,953	3,000	3,000	3,000	-	0.00%
531020 - Internet Service	39,416	36,780	36,780	40,140	3,360	9.14%
531100 - Electric Power	1,709	10,800	10,800	10,800	-	0.00%
531110 - Nat Gas, Butane & Kero	1,089	12,000	12,000	12,000	-	0.00%
531120 - Retail Water Service	767	7,200	7,200	7,200	-	0.00%
531300 - Engin/Consultant Svc	1,660	60,000	150,000	695,000	635,000	1058.33%
531400 - Legal Service	27,264	18,000	18,000	18,000	-	0.00%
531700 - Advertising	9,386	30,000	30,000	30,000	-	0.00%
531800 - Rent or Lease Payment	9,500	6,470	6,470	10,855	4,385	67.77%
531900 - Travel and Training	9,484	76,905	76,905	76,905	-	0.00%
532000 - Mem & Subscriptions	3,274	7,020	7,020	9,525	2,505	35.68%
532100 - Vehicle Maint	17,051	6,375	6,375	6,375	-	0.00%
532110 - Veh Maint by Solid Waste	17,081	18,750	18,750	18,750	-	0.00%

Expense Detail (continued)

Engineering Department	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
532300 - Postage	\$ 550	\$ 2,000	\$ 2,000	\$ 2,000	\$ -	0.00%
532850 - Building Maintenance	63,398	90,000	90,000	190,000	100,000	111.11%
533300 - Maintenance Services	-	10,000	10,000	10,000	-	0.00%
533900 - Permits, Ins, & Lic Fees	-	2,460	2,460	2,460	-	0.00%
534000 - Uninsured losses	514	-	-	-	-	0.00%
Services Total	\$ 246,427	\$ 442,630	\$ 532,630	\$ 1,190,360	\$ 747,730	168.93%
Capital Outlay						
540300 - Vehicle Equipment	\$ 71,996	\$ 117,000	\$ 117,000	\$ 289,060	\$ 172,060	147.06%
Capital Outlay Total	\$ 71,996	\$ 117,000	\$ 117,000	\$ 289,060	\$ 172,060	147.06%
Grand Total	\$11,756,819	\$13,049,820	\$13,208,185	\$16,086,945	\$ 3,037,125	23.27%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$3,037,125 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to seven new positions, transferring in the Energy Program Manager, and higher Insurance and Compensated Absences-sick costs
- Computer supplies increased for additional Projectmates licenses and custom reporting needs
- Engineering/Consultant Services is higher for a Project Controls initiative, hydraulic and pressure evaluations for Planning and Contract/Bid Evaluation Support for Alternative Delivery
- Building Maintenance increased reflecting a transition to contract custodial services
- Vehicle Equipment increased to replace three vehicles that meet the replacement criteria

Permitting Department

Overview

The Permitting Department is responsible for the monitoring, development and submission of permits for the Water and Wastewater Systems. The department manages the Multi-sector Stormwater Program for the Wastewater 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.

FY2023 Department Objectives (Supporting Strategic Goals)

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

- Continuously monitor state and federal standards and requirements; and develop studies to ensure sound scientific standards and requirements in permits.
- Continue the permitting activities for 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 timely permits to assist the project timeline of new facilities to meet growth demands.

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

- 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

- 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 provide employee training and development opportunities.
- Continue to provide safety training.

Major Budget Drivers

- Personnel
- Raw Water Development

Position Summary

Permitting Department			
Full-Time Positions	FY22	FY23	Difference
Assistant Deputy (CIP)	0.10	0.10	-
Permit Coordinator	2.00	2.00	-
Permitting Manager	1.00	1.00	-
Total Full-Time Positions	3.10	3.10	-

Expense Detail

Permitting Department	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
Personnel						
510000 - Wages	\$ 262,883	\$ 305,175	\$ 309,490	\$ 334,155	\$ 28,980	9.50%
512000 - Social Security	22,259	23,235	23,110	24,810	1,575	6.78%
513000 - Workers' Comp Ins	1,004	435	415	475	40	9.20%
513020 - Hospitalization Ins	24,626	30,740	36,250	42,600	11,860	38.58%
513040 - Dental Ins	1,428	1,535	1,745	1,935	400	26.06%
513060 - Life Ins	621	725	705	775	50	6.90%
514000 - Retirement	28,455	43,550	43,550	43,575	25	0.06%
514010 - Retiree - Insurance	4,962	13,985	13,985	14,245	260	1.86%
514020 - Comp Absences-vacation	-	2,030	2,030	1,955	(75)	-3.69%
514030 - Comp Absences-sick	7,420	-	-	18,680	18,680	0.00%
515000 - Cell Phone Stipend	1,132	1,490	1,365	1,490	-	0.00%
Personnel Total	\$ 354,790	\$ 422,900	\$ 432,645	\$ 484,695	\$ 61,795	14.61%
Supplies						
520100 - Office Supplies	\$ 763	\$ 1,000	\$ 1,000	\$ 3,600	\$ 2,600	260.00%
520110 - Computer Supplies	529	2,195	2,195	6,420	4,225	192.48%
520300 - Clothing Supplies	358	520	520	520	-	0.00%
520600 - Fuel, Oil and Lube	229	750	750	750	-	0.00%
520630 - Toll Fees	-	100	100	100	-	0.00%
521110 - Safety Supplies	510	1,135	1,135	3,465	2,330	205.29%
521700 - Building Supplies	-	-	-	950	950	0.00%
521900 - Vehicle Supplies	12	200	200	200	-	0.00%
521910 - Tires and Tubes	0	350	350	350	-	0.00%
Supplies Total	\$ 2,401	\$ 6,250	\$ 6,250	\$ 16,355	\$ 10,105	161.68%

Expense Detail (continued)

Permitting Department	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
Services						
530300 - Automotive Insurance	\$ 401	\$ 415	\$ 415	\$ 455	\$ 40	9.64%
531020 - Internet Service	1,260	1,320	1,320	3,300	1,980	150.00%
531300 - Engin/Consultant Svc	4,038	-	-	-	-	0.00%
531310 - Special Studies & Rpts	15,884	30,000	30,000	30,000	-	0.00%
531400 - Legal Service	-	115,000	115,000	115,000	-	0.00%
531490 - Raw Water Development	757,744	500,000	500,000	800,000	300,000	60.00%
531900 - Travel and Training	1,260	13,400	13,400	13,100	(300)	-2.24%
532000 - Mem & Subscriptions	1,571	1,275	1,275	1,740	465	36.47%
532100 - Vehicle Maint	8	-	-	-	-	0.00%
532110 - Veh Maint by Solid Waste	208	500	500	500	-	0.00%
532300 - Postage	981	1,000	1,000	500	(500)	-50.00%
Services Total	\$ 783,355	\$ 662,910	\$ 662,910	\$ 964,595	\$ 301,685	45.51%
Grand Total	\$ 1,140,546	\$ 1,092,060	\$ 1,101,805	\$ 1,465,645	\$ 373,585	34.21%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$373,585 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to a higher Wages, Insurance and Compensated Absences-sick costs
- Raw Water Development increased to conduct a Raw Water Optimization and Reliability Evaluation

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.

FY2023 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			
Full-Time Positions	FY22	FY23	Difference
Assistant Deputy (Maintenance)	0.10	0.10	-
Control Systems Manager	1.00	1.00	-
Control Systems Senior Technician	5.00	5.00	-
Control Systems Supervisor	1.00	1.00	-
Control Systems Technician	1.00	1.00	-
Graduate Engineer	1.00	1.00	-
Total Full-Time Positions	9.10	9.10	-

Expense Detail

Control Systems Department	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
Personnel						
510000 - Wages	\$ 735,363	\$ 789,435	\$ 701,485	\$ 836,625	\$ 47,190	5.98%
511060 - Overtime	35,763	45,000	45,000	45,000	-	0.00%
512000 - Social Security	55,444	58,640	51,645	61,390	2,750	4.69%

Expense Detail (continued)

Control Systems Department	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
Personnel (continued)						
513000 - Workers' Comp Ins	\$ 1,220	\$ 1,125	\$ 960	\$ 1,190	\$ 65	5.78%
513020 - Hospitalization Ins	97,729	101,470	86,065	103,860	2,390	2.36%
513040 - Dental Ins	3,864	3,500	2,490	3,105	(395)	-11.29%
513060 - Life Ins	1,914	1,860	1,645	1,975	115	6.18%
514000 - Retirement	88,130	112,505	112,505	109,095	(3,410)	-3.03%
514010 - Retiree - Insurance	27,963	36,125	36,125	35,665	(460)	-1.27%
514020 - Comp Absences-vacation	3,510	1,485	1,485	16,635	15,150	1020.20%
514030 - Comp Absences-sick	-	6,150	6,150	1,470	(4,680)	-76.10%
515000 - Cell Phone Stipend	3,972	3,410	3,165	3,890	480	14.08%
Personnel Total	\$ 1,054,873	\$ 1,160,705	\$ 1,048,720	\$ 1,219,900	\$ 59,195	5.10%
Supplies						
520100 - Office Supplies	\$ 720	\$ 1,130	\$ 1,130	\$ 1,130	-	0.00%
520110 - Computer Supplies	176,165	530,000	530,000	530,000	-	0.00%
520300 - Clothing Supplies	-	800	800	800	-	0.00%
520600 - Fuel, Oil and Lube	6,388	4,000	4,000	4,000	-	0.00%
520630 - Toll Fees	946	1,000	1,000	4,000	3,000	300.00%
520800 - Small Tools & Equip	740	600	600	600	-	0.00%
520820 - Expendable Supplies	1,399	350	350	350	-	0.00%
521100 - Medical Supplies	139	200	200	200	-	0.00%
521110 - Safety Supplies	378	1,000	1,000	1,000	-	0.00%
521900 - Vehicle Supplies	361	1,100	1,100	1,100	-	0.00%
521910 - Tires and Tubes	1,034	1,500	1,500	1,500	-	0.00%
Supplies Total	\$ 188,270	\$ 541,680	\$ 541,680	\$ 544,680	\$ 3,000	0.55%
Services						
530300 - Automotive Insurance	\$ 3,244	\$ 3,335	\$ 3,335	\$ 3,550	\$ 215	6.45%
531020 - Internet Service	3,760	4,320	4,320	4,320	-	0.00%
531300 - Engin/Consultant Svc	-	-	-	100,000	100,000	0.00%
531310 - Special Studies & Rpts	262,407	210,000	210,000	-	(210,000)	-100.00%
531600 - Printing & Binding	-	130	130	130	-	0.00%
531800 - Rent or Lease Payment	1,309	-	-	1,500	1,500	0.00%
531900 - Travel and Training	2,783	20,500	20,500	20,500	-	0.00%
532000 - Mem & Subscriptions	359	700	700	700	-	0.00%
532100 - Vehicle Maint	382	1,585	1,585	1,585	-	0.00%
532110 - Veh Maint by Solid Waste	1,592	3,000	3,000	3,000	-	0.00%
533020 - Contract Labor	3,635	15,000	15,000	15,000	-	0.00%
Services Total	\$ 279,472	\$ 258,570	\$ 258,570	\$ 150,285	\$ (108,285)	-41.88%
Grand Total	\$ 1,522,615	\$ 1,960,955	\$ 1,848,970	\$ 1,914,865	\$ (46,090)	-2.35%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$46,090 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due higher Wages, Social Security, Retirement and Compensated Absences-vacation costs
- Engineering/Consultant Services increased to implement recommendations from the Cyber Security Study that was completed in FY22
- Special Studies & Reports decreased due to the Cyber Security Study being completed in FY22

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.

FY2023 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
- Pipeline Maintenance and Repair
- Equipment Maintenance and Repair

Position Summary

Facilities Services Department			
Full-Time Positions	FY22	FY23	Difference
Administrative Technician	1.00	1.00	-
Asset Risk Manager - Maintenance *	0.50	0.50	-
Assistant Deputy (Maintenance)	0.45	0.45	-
Assistant Maintenance Manager	0.50	0.50	-
Custodial Crewleader	1.00	1.00	-
Custodian	3.00	3.00	-
Electrical Maintenance Manager	0.50	0.50	-
Facilities Services Manager	1.00	1.00	-
Facility Maintenance Crewleader	1.00	1.00	-
Heavy Equipment Operator	6.00	6.00	-
Lead Line Locator	1.00	1.00	-
Lead Maintenance Worker - Facility Maintenance	2.00	2.00	-
Lead Maintenance Worker - Pipeline	7.00	7.00	-
Light Equipment Operator	1.00	1.00	-
Line Locator	4.00	4.00	-
Maintenance Manager	0.50	0.50	-
Maintenance Right - of - Way Supervisor	1.00	1.00	-
Maintenance Services Superintendent - Pipeline	1.00	1.00	-
Maintenance Services Superintendent - Plant	1.00	1.00	-
Maintenance Valve Crew Supervisor	1.00	1.00	-
Maintenance Worker - Facility Maintenance	6.00	6.00	-
Maintenance Worker - Pipeline	20.00	20.00	-
Pipeline Crewleader	2.00	2.00	-
Total Full-Time Positions	62.45	62.45	-

* Title change per FY22 Compensation Study

Expense Detail

Facilities Services Department	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
Personnel						
510000 - Wages	\$ 3,161,807	\$ 3,509,240	\$ 3,416,805	\$ 3,799,090	\$ 289,850	8.26%
511060 - Overtime	549,909	415,000	415,000	465,000	50,000	12.05%
512000 - Social Security	274,950	268,450	271,895	290,630	22,180	8.26%
513000 - Workers' Comp Ins	95,191	81,760	78,810	87,345	5,585	6.83%
513010 - Unemployment Ins	4,437	-	-	-	-	0.00%
513020 - Hospitalization Ins	795,697	882,115	856,645	937,915	55,800	6.33%
513040 - Dental Ins	42,809	43,030	39,320	43,050	20	0.05%
513060 - Life Ins	8,573	8,750	8,460	9,475	725	8.29%
514000 - Retirement	394,079	497,925	497,925	499,780	1,855	0.37%
514010 - Retiree - Insurance	147,295	159,890	159,890	163,375	3,485	2.18%
514020 - Comp Absences-vacation	44,850	25,130	25,130	35,440	10,310	41.03%
514030 - Comp Absences-sick	44,055	12,680	12,680	125,890	113,210	892.82%
515000 - Cell Phone Stipend	30,054	29,975	26,760	29,975	-	0.00%
Personnel Total	\$ 5,593,707	\$ 5,933,945	\$ 5,809,320	\$ 6,486,965	\$ 553,020	9.32%

Expense Detail (continued)

Facilities Services Department	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						
520100 - Office Supplies	\$ 2,888	\$ 4,000	\$ 4,000	\$ 4,750	\$ 750	18.75%
520110 - Computer Supplies	24,430	35,305	35,305	33,305	(2,000)	-5.66%
520200 - Xerox Supplies	4,645	8,750	8,750	5,750	(3,000)	-34.29%
520300 - Clothing Supplies	31,286	37,000	37,000	34,000	(3,000)	-8.11%
520600 - Fuel, Oil and Lube	159,792	162,000	162,000	226,000	64,000	39.51%
520610 - Generator Fuel	-	-	5,000	-	-	0.00%
520620 - Fuel Control	5,868	-	-	-	-	0.00%
520630 - Toll Fees	13,243	5,000	10,000	13,100	8,100	162.00%
520700 - Machine Oil & Lube	5,287	3,885	5,385	5,885	2,000	51.48%
520800 - Small Tools & Equip	69,376	72,600	72,600	54,500	(18,100)	-24.93%
520810 - Fire Extinguishers	-	800	800	800	-	0.00%
520820 - Expendable Supplies	23,157	11,000	16,000	16,500	5,500	50.00%
520900 - Janitorial Supplies	19,974	25,500	19,325	26,650	1,150	4.51%
521100 - Medical Supplies	2,486	1,100	1,100	1,330	230	20.91%
521110 - Safety Supplies	64,849	84,000	84,000	84,000	-	0.00%
521200 - Chem - Other	28,537	26,995	18,995	20,495	(6,500)	-24.08%
521300 - Botanical Supplies	21,920	18,000	18,000	15,300	(2,700)	-15.00%
521400 - Electrical Supplies	131,708	64,200	64,200	64,200	-	0.00%
521500 - Mechanical Supplies	3,916	55,000	45,000	63,990	8,990	16.35%
521600 - Pipeline Supplies	750,468	510,000	710,000	610,000	100,000	19.61%
521610 - Meter Supplies	95,007	66,800	66,800	85,800	19,000	28.44%
521700 - Building Supplies	27,237	32,500	32,500	30,000	(2,500)	-7.69%
521900 - Vehicle Supplies	40,357	29,000	29,000	35,900	6,900	23.79%
521910 - Tires and Tubes	23,894	21,500	21,500	25,500	4,000	18.60%
522000 - Equipment Supplies	78,451	50,000	50,000	69,200	19,200	38.40%
523000 - Other Supplies	631	-	-	-	-	0.00%
Supplies Total	\$ 1,629,407	\$ 1,324,935	\$ 1,517,260	\$ 1,526,955	\$ 202,020	15.25%
Services						
530300 - Automotive Insurance	\$ 63,434	\$ 71,835	\$ 71,835	\$ 81,890	\$ 10,055	14.00%
530400 - Fire & Exten Cov Ins	53,913	69,035	69,035	81,320	12,285	17.80%
531000 - Telephone	252	34,365	2,365	1,200	(33,165)	-96.51%
531020 - Internet Service	17,382	22,440	22,440	21,120	(1,320)	-5.88%
531100 - Electric Power	(21)	-	-	-	-	0.00%
531110 - Nat Gas, Butane & Kero	-	2,800	2,800	2,800	-	0.00%
531310 - Special Studies & Rpts	-	100,000	100,000	-	(100,000)	-100.00%
531700 - Advertising	158	500	500	500	-	0.00%
531800 - Rent or Lease Payment	105,783	45,000	145,000	59,000	14,000	31.11%
531900 - Travel and Training	25,646	10,420	12,420	14,420	4,000	38.39%
532000 - Mem & Subscriptions	440	450	450	450	-	0.00%
532100 - Vehicle Maint	45,833	8,785	16,785	22,585	13,800	157.09%
532110 - Veh Maint by Solid Waste	31,924	12,500	15,000	21,250	8,750	70.00%

Expense Detail (continued)

Facilities Services Department	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
Services (continued)						
532200 - Equipment Maintenance	\$ 551,711	\$ 925,380	\$ 902,395	\$ 925,380	\$ -	0.00%
532210 - Special Maintenance	102,571	80,000	114,000	100,000	20,000	25.00%
532220 - Pipeline Maintenance	511,769	750,000	450,000	750,000	-	0.00%
532300 - Postage	25	250	250	250	-	0.00%
532800 - Grounds Maintenance	157,287	102,700	102,700	119,700	17,000	16.55%
532850 - Building Maintenance	85,903	46,400	86,400	100,000	53,600	115.52%
533000 - Other Services	77,651	10,000	58,000	2,100	(7,900)	-79.00%
533020 - Contract Labor	-	-	-	30,000	30,000	0.00%
533030 - Contractual Safety Serv	2,700	-	-	-	-	0.00%
533900 - Permits, Ins, & Lic Fees	1,479	3,200	3,200	3,200	-	0.00%
534000 - Uninsured losses	95,351	-	278,375	-	-	0.00%
Services Total	\$ 1,931,190	\$ 2,296,060	\$ 2,453,950	\$ 2,337,165	\$ 41,105	1.79%
Capital Outlay						
540300 - Vehicle Equipment	\$ 36,278	\$ 418,000	\$ 489,225	\$ 160,000	(\$ 258,000)	-61.72%
540500 - Machinery	299,040	-	-	-	-	0.00%
540700 - Non-Vehicle Equipment	323,994	800,000	896,935	20,000	(780,000)	-97.50%
Capital Outlay Total	\$ 659,312	\$ 1,218,000	\$ 1,386,160	\$ 180,000	\$ (1,038,000)	-85.22%
Grand Total	\$ 9,813,616	\$10,772,940	\$11,166,690	\$10,531,085	\$ (241,855)	-2.25%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$241,855 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Social Security, Insurance, Retirement and Compensated Absences costs
- Supplies & Services adjusted to 5 year average spend unless otherwise noted
- Pipeline Supplies increased for inventory for a pipe laydown yard
- Special Studies and Reports removed due to the standard specifications report being completed in FY22
- Vehicle & Non-Vehicle equipment reduced based on not needing to purchase the equipment. Some FY23 equipment was purchased using savings in FY22.

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.

FY2023 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
- Start up of Leonard Maintenance Facility
- Vehicle & Equipment Replacements

Position Summary

Technical Services Department			
Full-Time Positions	FY22	FY23	Difference
Administrative Technician	1.00	1.00	-
Asset Risk Manager - Maintenance *	0.50	0.50	-
Assistant Deputy (Maintenance)	0.45	0.45	-
Assistant Electrical Superintendent	1.00	1.00	-
Assistant Instrumentation Superintendent	1.00	1.00	-
Assistant Maintenance Manager	0.50	0.50	-
Assistant Mechanical Superintendent	1.00	1.00	-
Electrical Maintenance Manager	0.50	0.50	-
Electrical Superintendent	1.00	1.00	-
Electrical Technician	1.00	1.00	-
Industrial Electrician *	20.00	18.00	(2.00)
Industrial Electrician II *	3.00	4.00	1.00
Industrial Mechanic *	16.00	19.00	3.00
Instrumentation Superintendent	1.00	1.00	-
Instrumentation Technician **	15.00	15.00	-
Instrumentation Technician II	2.00	2.00	-
Lead Technical Services Mechanic	6.00	6.00	-
Lead Welder	1.00	1.00	-
Maintenance Dispatcher	2.00	2.00	-
Maintenance Manager	0.50	0.50	-
Maintenance Planner Scheduler	1.00	1.00	-
Maintenance Shop Assistant	11.00	11.00	-
Maintenance Superintendent *	2.00	2.00	-
Mechanical Maintenance Manager	1.00	1.00	-
Mechanical Superintendent	1.00	1.00	-
Technical Services Crane Operator	2.00	2.00	-
Technical Services Maintenance Supervisor *	4.00	4.00	-
Warehouse Foreman	1.00	1.00	-
Welder	5.00	5.00	-
Total Full-Time Positions	102.45	104.45	2.00

* Title change per FY22 Compensation Study

** Combined titles per FY22 Compensation Study

Expense Detail

Technical Services Department	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
Personnel						
510000 - Wages	\$ 5,939,697	\$ 6,739,265	\$ 6,397,055	\$ 7,440,510	\$ 701,245	10.41%
511060 - Overtime	619,038	625,000	625,000	648,000	23,000	3.68%
512000 - Social Security	495,299	515,560	498,345	569,200	53,640	10.40%
513000 - Workers' Comp Ins	167,978	152,425	138,335	164,265	11,840	7.77%
513010 - Unemployment Ins	1,782	-	-	-	-	0.00%
513020 - Hospitalization Ins	1,341,638	1,513,330	1,425,195	1,703,700	190,370	12.58%
513040 - Dental Ins	74,071	73,970	67,670	80,355	6,385	8.63%
513060 - Life Ins	15,339	16,475	15,360	18,155	1,680	10.20%
514000 - Retirement	730,450	969,125	969,125	976,900	7,775	0.80%
514010 - Retiree - Insurance	251,735	311,195	311,195	319,345	8,150	2.62%
514020 - Comp Absences-vacation	55,295	108,445	108,445	75,295	(33,150)	-30.57%
514030 - Comp Absences-sick	88,360	59,585	59,585	76,770	17,185	28.84%
515000 - Cell Phone Stipend	45,774	47,735	41,080	49,655	1,920	4.02%
Personnel Total	\$ 9,826,456	\$11,132,110	\$10,656,390	\$12,122,150	\$ 990,040	8.89%
Supplies						
520100 - Office Supplies	\$ 5,503	\$ 5,500	\$ 5,500	\$ 5,500	\$ -	0.00%
520110 - Computer Supplies	63,450	104,775	104,775	95,775	(9,000)	-8.59%
520200 - Xerox Supplies	10,663	9,000	9,000	7,500	(1,500)	-16.67%
520300 - Clothing Supplies	42,723	73,870	73,870	60,000	(13,870)	-18.78%
520600 - Fuel, Oil and Lube	137,295	193,500	193,500	193,500	-	0.00%
520630 - Toll Fees	7,558	1,500	1,500	8,800	7,300	486.67%
520700 - Machine Oil & Lube	981	3,975	3,975	1,975	(2,000)	-50.31%
520800 - Small Tools & Equip	93,615	276,400	276,400	104,780	(171,620)	-62.09%
520810 - Fire Extinguishers	-	1,200	1,200	1,200	-	0.00%
520820 - Expendable Supplies	40,245	68,500	68,500	43,600	(24,900)	-36.35%
521100 - Medical Supplies	30	2,500	2,500	1,500	(1,000)	-40.00%
521110 - Safety Supplies	73,585	164,000	164,000	123,000	(41,000)	-25.00%
521400 - Electrical Supplies	71,850	60,000	60,000	60,000	-	0.00%
521500 - Mechanical Supplies	4,738	30,000	30,000	5,000	(25,000)	-83.33%
521610 - Meter Supplies	1,246	-	-	-	-	0.00%
521700 - Building Supplies	46,670	16,500	16,500	27,500	11,000	66.67%
521900 - Vehicle Supplies	38,909	31,100	31,100	35,000	3,900	12.54%
521910 - Tires and Tubes	16,353	26,740	26,740	16,700	(10,040)	-37.55%
522000 - Equipment Supplies	8,275	11,500	11,500	11,500	-	0.00%
522100 - Welding Supplies	18,807	25,000	25,000	25,000	-	0.00%
Supplies Total	\$ 682,496	\$ 1,105,560	\$ 1,105,560	\$ 827,830	\$ (277,730)	-25.12%

Expense Detail (continued)

Technical Services Department	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
Services						
530300 - Automotive Insurance	\$ 61,840	\$ 74,765	\$ 74,765	\$ 96,400	\$ 21,635	28.94%
530400 - Fire & Exten Cov Ins	6,384	8,175	8,175	10,410	2,235	27.34%
531000 - Telephone	4,453	17,800	9,845	4,800	(13,000)	-73.03%
531020 - Internet Service	33,810	51,200	51,200	29,800	(21,400)	-41.80%
531100 - Electric Power	-	15,000	15,000	15,000	-	0.00%
531110 - Nat Gas, Butane & Kero	2,184	3,000	3,000	3,000	-	0.00%
531120 - Retail Water Service	-	3,000	3,000	3,000	-	0.00%
531400 - Legal Service	35	-	-	-	-	0.00%
531700 - Advertising	694	500	1,000	500	-	0.00%
531800 - Rent or Lease Payment	9,871	40,000	40,000	20,000	(20,000)	-50.00%
531900 - Travel and Training	77,820	18,500	44,500	42,500	24,000	129.73%
532000 - Mem & Subscriptions	369	3,640	3,640	640	(3,000)	-82.42%
532100 - Vehicle Maint	16,056	20,055	20,055	20,055	-	0.00%
532110 - Veh Maint by Solid Waste	23,509	20,000	20,000	20,000	-	0.00%
532200 - Equipment Maintenance	84,474	153,500	63,500	153,500	-	0.00%
532300 - Postage	-	200	200	200	-	0.00%
532850 - Building Maintenance	41,313	27,500	97,500	27,500	-	0.00%
533020 - Contract Labor	1,675	-	-	-	-	0.00%
533030 - Contractual Safety Serv	-	5,000	5,000	5,000	-	0.00%
533900 - Permits, Ins, & Lic Fees	-	-	125	-	-	0.00%
534000 - Uninsured losses	18,642	-	3,510	-	-	0.00%
Services Total	\$ 383,127	\$ 461,835	\$ 464,015	\$ 452,305	\$ (9,530)	-2.06%
Capital Outlay						
540300 - Vehicle Equipment	\$ 982,450	\$ 367,000	\$ 402,045	\$ 256,000	\$ (111,000)	-30.25%
540400 - Office Equipment	-	21,000	21,000	-	(21,000)	-100.00%
540500 - Machinery	230,000	-	-	-	-	0.00%
540700 - Non-Vehicle Equipment	16,067	138,000	100,775	120,000	(18,000)	-13.04%
Capital Outlay Total	\$ 1,228,517	\$ 526,000	\$ 523,820	\$ 376,000	\$ (150,000)	-28.52%
Grand Total	\$12,120,595	\$13,225,505	\$12,749,785	\$13,778,285	\$ 552,780	4.18%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$552,780 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Social Security, Insurance and Retirement costs, as well as the addition of 2 new Industrial Electrician positions
- Small Tools and Equipment, Computer, Clothing, Expendable, Medical, Safety, and Mechanical Supplies decreased based on the Leonard Maintenance building being fully stocked
- Telephone, Internet Service and Rent or Lease Payment decreased to be in line with historical averages
- Vehicle and Non-Vehicle Equipment decreased due to a lower need for replacement vehicles in FY23

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.

FY2023 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	FY22	FY23	Difference
Assistant Deputy (Human Resources)	1.00	1.00	-
Benefits Specialist *	1.00	1.00	-
Human Resources Assistant	1.00	1.00	-
Human Resources Generalist	2.00	2.00	-
Human Resources Manager **	2.00	2.00	-
Human Resources Specialist	1.00	1.00	-
Human Resources Trainer	1.00	1.00	-
Receptionist	1.00	1.00	-
Training & Development Manager ***	-	1.00	1.00
Wellness and Benefits Administrator	1.00	1.00	-
Total Full-Time Positions	11.00	12.00	1.00

* Title change per FY22 Compensation Study

** Reclassified a position & combined titles per FY22 Compensation Study

*** Repurposed from General Department / Title Change

Expense Detail

Human Resources Department	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
Personnel						
510000 - Wages	\$ 892,257	\$ 944,825	\$ 855,345	\$ 1,212,985	\$ 268,160	28.38%
511060 - Overtime	1,470	10,000	10,000	10,000	-	0.00%
512000 - Social Security	65,070	70,700	64,280	87,355	16,655	23.56%
513000 - Workers' Comp Ins	1,635	1,330	1,150	1,720	390	29.32%
513010 - Unemployment Ins	4,500	-	-	-	-	0.00%
513020 - Hospitalization Ins	136,647	147,700	146,230	174,695	26,995	18.28%
513040 - Dental Ins	7,376	6,860	6,635	8,325	1,465	21.36%
513060 - Life Ins	2,200	2,220	2,030	2,840	620	27.93%
514000 - Retirement	100,710	126,430	126,430	137,635	11,205	8.86%
514010 - Retiree - Insurance	41,022	40,600	40,600	44,995	4,395	10.83%
514020 - Comp Absences-vacation	15,035	29,150	29,150	7,190	(21,960)	-75.33%
514030 - Comp Absences-sick	19,010	-	-	-	-	0.00%
515000 - Cell Phone Stipend	2,860	2,880	2,400	2,880	-	0.00%
Personnel Total	\$ 1,289,793	\$ 1,382,695	\$ 1,284,250	\$ 1,690,620	\$ 307,925	22.27%
Supplies						
520100 - Office Supplies	\$ 857	\$ 7,445	\$ 7,445	\$ 8,445	\$ 1,000	13.43%
520110 - Computer Supplies	12,679	14,430	13,950	131,560	117,130	811.71%
520200 - Xerox Supplies	1,002	-	-	-	-	0.00%
520600 - Fuel, Oil and Lube	225	1,700	-	-	(1,700)	-100.00%
520630 - Toll Fees	-	200	-	-	(200)	-100.00%
521900 - Vehicle Supplies	7	300	-	-	(300)	-100.00%
521910 - Tires and Tubes	1	-	-	-	-	0.00%
Supplies Total	\$ 14,769	\$ 24,075	\$ 21,395	\$ 140,005	\$ 115,930	481.54%
Services						
530300 - Automotive Insurance	\$ 623	\$ 645	\$ -	\$ -	\$ (645)	-100.00%
531020 - Internet Service	2,287	1,440	1,440	3,300	1,860	129.17%
531300 - Engin/Consultant Svc	-	-	-	80,000	80,000	0.00%
531310 - Special Studies & Rpts	88,104	21,500	21,500	23,000	1,500	6.98%
531350 - Driving Records	213	-	-	-	-	0.00%
531400 - Legal Service	119,924	20,000	20,000	50,000	30,000	150.00%
531520 - Employee Programs	179,396	292,305	292,305	298,660	6,355	2.17%
531600 - Printing & Binding	-	800	800	800	-	0.00%
531700 - Advertising	7,261	10,000	10,000	15,000	5,000	50.00%
531800 - Rent or Lease Payment	3,421	10,320	10,320	10,320	-	0.00%
531900 - Travel and Training	3,049	28,900	28,900	33,640	4,740	16.40%
532000 - Mem & Subscriptions	1,711	2,385	2,385	2,670	285	11.95%
532100 - Vehicle Maint	17	-	-	-	-	0.00%
532110 - Veh Maint by Solid Waste	234	300	-	-	(300)	-100.00%
532300 - Postage	107	-	-	-	-	0.00%
533000 - Other Services	-	10,000	10,000	10,000	-	0.00%
533020 - Contract Labor	10,680	-	-	-	-	0.00%
533920 - Regulatory Fees & Asses	5,661	5,000	5,000	5,500	500	10.00%
Services Total	\$ 422,686	\$ 403,595	\$ 402,650	\$ 532,890	\$ 129,295	32.04%
Grand Total	\$ 1,727,249	\$ 1,810,365	\$ 1,708,295	\$ 2,363,515	\$ 553,150	30.55%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$553,150 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to transferring in a position, higher Wages, Insurance and Retirement costs
- Computer Supplies increased for additional DayForce (HR/Payroll Software) projects and job pricing software
- Legal increased based on trends
- Advertising is higher due to the need for additional spending on hard to fill jobs
- Employee Programs increased to add additional programs such as FMLA outsourcing and retirement portal for employees and retirees
- Engin/Consultant Services increased for a retirement plan valuation

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. The department provides litigation support and oversees how records are captured, managed, secured, retained and destroyed throughout the District. In addition, the department captures legacy records into 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.

FY2023 Department Objectives (Supporting Strategic Goals)

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

- Administrate the District's ECM (Laserfiche) to provide employees quick and easy access to District records.
- Advance the digital transformation journey by creating forms electronically that automatically route and store in a secure repository while also increasing processing efficiency.
- Transition the District's records retention from permanent to following a records control schedule.
- 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 the District's employees by providing training to effectively use Laserfiche 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 traditional manual processes.
- Educate employees on the principles and procedures of record retention and how they are being instituted at the District.
- Train Records Liaisons to promote competent records management within their departments.
- Obtain and maintain the required training for all Records 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			
Full-Time Positions	FY22	FY23	Difference
Digital Process Designer	1.00	1.00	-
Records Manager	1.00	1.00	-
Records Technician	4.00	4.00	-
Total Full-Time Positions	6.00	6.00	-

Expense Detail

Records Department	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
Personnel						
510000 - Wages	\$ 433,624	\$ 430,460	\$ 420,480	\$ 475,710	\$ 45,250	10.51%
511060 - Overtime	328	30,000	30,000	22,000	(8,000)	-26.67%
512000 - Social Security	32,132	32,930	31,620	36,395	3,465	10.52%
513000 - Workers' Comp Ins	685	610	570	675	65	10.66%
513020 - Hospitalization Ins	86,058	90,575	92,190	100,570	9,995	11.04%
513040 - Dental Ins	4,461	4,220	4,050	4,430	210	4.98%
513060 - Life Ins	1,143	1,040	1,050	1,150	110	10.58%
514000 - Retirement	48,725	64,110	64,110	62,035	(2,075)	-3.24%
514010 - Retiree - Insurance	8,504	20,590	20,590	20,280	(310)	-1.51%
514020 - Comp Absences-vacation	6,185	-	-	5,665	5,665	0.00%
515000 - Cell Phone Stipend	572	480	440	480	-	0.00%
Personnel Total	\$ 622,418	\$ 675,015	\$ 665,100	\$ 729,390	\$ 54,375	8.06%
Supplies						
520100 - Office Supplies	\$ 472	\$ 500	\$ 500	\$ 500	-	0.00%
520110 - Computer Supplies	75,028	103,220	103,700	107,430	4,210	4.08%
520600 - Fuel, Oil and Lube	-	-	1,700	200	200	0.00%
520630 - Toll Fees	-	-	200	200	200	0.00%
521900 - Vehicle Supplies	-	-	300	300	300	0.00%
Supplies Total	\$ 75,500	\$ 103,720	\$ 106,400	\$ 108,630	\$ 4,910	4.73%
Services						
530300 - Automotive Insurance	\$ -	\$ -	\$ 645	\$ 645	\$ 645	0.00%
531020 - Internet Service	553	700	700	660	(40)	-5.71%
531700 - Advertising	79	-	160	-	-	0.00%
531800 - Rent or Lease Payment	9,251	12,500	12,500	23,120	10,620	84.96%
531900 - Travel and Training	3,650	5,820	4,230	7,320	1,500	25.77%
532000 - Mem & Subscriptions	1,518	620	2,210	620	-	0.00%
532110 - Veh Maint by Solid Waste	-	-	300	300	300	0.00%
533000 - Other Services	3,477	4,900	4,900	-	(4,900)	-100.00%
533020 - Contract Labor	47,926	51,850	51,690	52,670	820	1.58%
Services Total	\$ 66,454	\$ 76,390	\$ 77,335	\$ 85,335	\$ 8,945	11.71%
Grand Total	\$ 764,371	\$ 855,125	\$ 848,835	\$ 923,355	\$ 68,230	7.98%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$68,230 from the FY22 Original Budget. Major variances are explained below:

- Personnel is higher due to increased Wages, Insurance and Compensated Absences-vacation costs
- Overtime decreased to line up more closely with actuals
- Rent or Lease Payment increased as a Xerox machine was moved from the General budget to Records. Also shredding services were moved from the Other Services line item to Rent or Lease Payment.
- Computer Supplies increased to cover additional Laserfiche licenses

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.

FY2023 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

Full-Time Positions	FY22	FY23	Difference
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	1.00	-
Total Full-Time Positions	10.00	10.00	-

* Title change per FY22 Compensation Study

Expense Detail

Safety Department	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
Personnel						
510000 - Wages	\$ 835,793	\$ 876,255	\$ 883,665	\$ 978,050	\$ 101,795	11.62%
511060 - Overtime	3,392	3,250	3,250	3,250	-	0.00%
512000 - Social Security	63,415	65,360	65,435	72,305	6,945	10.63%
513000 - Workers' Comp Ins	11,595	10,610	11,745	13,700	3,090	29.12%
513020 - Hospitalization Ins	112,154	138,205	163,240	189,915	51,710	37.42%
513040 - Dental Ins	6,576	6,605	7,530	8,725	2,120	32.10%
513060 - Life Ins	2,002	2,050	2,015	2,295	245	11.95%
514000 - Retirement	91,290	121,360	121,360	127,540	6,180	5.09%
514010 - Retiree - Insurance	24,641	38,970	38,970	41,690	2,720	6.98%
514020 - Comp Absences-vacation	8,780	-	-	19,830	19,830	0.00%
514030 - Comp Absences-sick	13,390	32,665	32,665	6,300	(26,365)	-80.71%
515000 - Cell Phone Stipend	4,408	4,800	3,880	4,800	-	0.00%
Personnel Total	\$ 1,177,436	\$ 1,300,130	\$ 1,333,755	\$ 1,468,400	\$ 168,270	12.94%
Supplies						
520100 - Office Supplies	\$ 3,422	\$ 16,000	\$ 15,700	\$ 16,000	-	0.00%
520110 - Computer Supplies	39,490	92,580	52,700	71,300	(21,280)	-22.99%
520600 - Fuel, Oil and Lube	4,967	8,600	8,600	25,905	17,305	201.22%
520630 - Toll Fees	583	450	450	1,035	585	130.00%
520800 - Small Tools & Equip	20,057	46,850	70,250	58,300	11,450	24.44%
521110 - Safety Supplies	25,494	32,875	49,355	33,400	525	1.60%
521900 - Vehicle Supplies	3,226	2,800	2,800	6,300	3,500	125.00%
521910 - Tires and Tubes	1	1,400	1,400	1,600	200	14.29%
Supplies Total	\$ 97,241	\$ 201,555	\$ 201,255	\$ 213,840	\$ 12,285	6.10%

Expense Detail (continued)

Safety Department	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
Services						
530300 - Automotive Insurance	\$ 5,844	\$ 8,075	\$ 8,075	\$ 6,865	\$ (1,210)	-14.98%
531020 - Internet Service	5,347	3,840	3,840	4,800	960	25.00%
531300 - Engin/Consultant Svc	20,000	210,000	240,000	750,000	540,000	257.14%
531400 - Legal Service	-	30,000	-	-	(30,000)	-100.00%
531700 - Advertising	217	500	500	500	-	0.00%
531800 - Rent or Lease Payment	3,309	6,000	6,000	6,000	-	0.00%
531900 - Travel and Training	34,103	34,410	38,660	37,760	3,350	9.74%
532000 - Mem & Subscriptions	2,375	3,315	3,315	5,295	1,980	59.73%
532100 - Vehicle Maint	1,945	3,000	3,000	4,000	1,000	33.33%
532110 - Veh Maint by Solid Waste	1,483	3,000	3,000	4,000	1,000	33.33%
532300 - Postage	-	-	300	-	-	0.00%
533000 - Other Services	-	50,000	50,000	40,000	(10,000)	-20.00%
533020 - Contract Labor	19,713	32,000	32,000	27,000	(5,000)	-15.63%
533030 - Contractual Safety Serv	175,835	488,300	484,050	526,800	38,500	7.88%
534000 - Uninsured losses	596	-	-	-	-	0.00%
Services Total	\$ 270,768	\$ 872,440	\$ 872,740	\$ 1,413,020	\$ 540,580	61.96%
Capital Outlay						
540300 - Vehicle Equipment	\$ 36,278	\$ 499,500	\$ 499,500	\$ 114,900	(\$ 384,600)	-77.00%
540700 - Non-Vehicle Equipment	43,885	8,750	8,750	35,750	27,000	308.57%
Capital Outlay Total	\$ 80,163	\$ 508,250	\$ 508,250	\$ 150,650	(\$ 357,600)	-70.36%
Grand Total	\$ 1,625,607	\$ 2,882,375	\$ 2,916,000	\$ 3,245,910	\$ 363,535	12.61%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$363,535 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Insurance and Retirement costs
- Engineering/Consultant Services increased for property appraisals, strategic security systems consultation, crane safety consultations, emergency action plan consultations, and strategic work hazard consultations
- Vehicle Equipment decreased due to a lower need in FY23

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.

FY2023 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	FY22	FY23	Difference
Accounting Manager	1.00	1.00	-
Accounts Payable Supervisor	1.00	1.00	-
Accounts Payable Technician *	3.00	3.00	-
Accounts Receivable Specialist	1.00	1.00	-
Assistant Accounting Manager	1.00	1.00	-
Assistant Deputy (Finance)	0.50	0.50	-
Capital Project & Fixed Asset Supervisor *	1.00	1.00	-
Financial Reporting & Compliance Supervisor *	1.00	1.00	-
Payroll Supervisor	1.00	1.00	-
Payroll Technician *	2.00	2.00	-
Senior Accountant	1.00	2.00	1.00
Staff Accountant	2.00	2.00	-
Total Full-Time Positions	15.50	16.50	1.00

* Title change per FY22 Compensation Study

Expense Detail

Accounting Department	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
Personnel						
510000 - Wages	\$ 1,210,894	\$ 1,269,955	\$ 1,265,750	\$ 1,459,945	\$ 189,990	14.96%
511060 - Overtime	6,982	20,480	20,480	21,510	1,030	5.03%
512000 - Social Security	89,562	96,340	93,730	110,180	13,840	14.37%
513000 - Workers' Comp Ins	2,029	1,795	1,710	2,075	280	15.60%
513020 - Hospitalization Ins	214,014	227,305	258,290	297,275	69,970	30.78%
513040 - Dental Ins	12,833	11,750	13,410	14,975	3,225	27.45%
513060 - Life Ins	3,095	3,010	3,005	3,465	455	15.12%
514000 - Retirement	148,005	177,440	177,440	190,380	12,940	7.29%
514010 - Retiree - Insurance	41,091	56,980	56,980	62,235	5,255	9.22%
514020 - Comp Absences-vacation	16,815	9,125	9,125	5,895	(3,230)	-35.40%
514030 - Comp Absences-sick	32,115	-	-	-	-	0.00%
515000 - Cell Phone Stipend	1,140	1,200	1,100	1,200	-	0.00%
Personnel Total	\$ 1,778,574	\$ 1,875,380	\$ 1,901,020	\$ 2,169,135	\$ 293,755	15.66%
Supplies						
520100 - Office Supplies	\$ 1,627	\$ 3,000	\$ 3,000	\$ 3,000	-	0.00%
520110 - Computer Supplies	284,274	304,700	304,700	329,275	24,575	8.07%
Supplies Total	\$ 285,901	\$ 307,700	\$ 307,700	\$ 332,275	\$ 24,575	7.99%
Services						
530100 - Audit	\$ 146,500	\$ 123,400	\$ 123,400	\$ 128,500	\$ 5,100	4.13%
531020 - Internet Service	1,372	1,080	1,080	1,620	540	50.00%
531400 - Legal Service	5,922	-	-	-	-	0.00%
531600 - Printing & Binding	1,060	1,100	1,100	1,800	700	63.64%
531800 - Rent or Lease Payment	7,620	14,560	14,560	14,560	-	0.00%
531900 - Travel and Training	12,407	24,200	24,200	24,600	400	1.65%
532000 - Mem & Subscriptions	2,063	2,090	2,090	2,170	80	3.83%
532300 - Postage	63	-	-	-	-	0.00%
533920 - Regulatory Fees & Asses	13,635	35	35	35	-	0.00%
Services Total	\$ 190,642	\$ 166,465	\$ 166,465	\$ 173,285	\$ 6,820	4.10%
Grand Total	\$ 2,255,117	\$ 2,349,545	\$ 2,375,185	\$ 2,674,695	\$ 325,150	13.84%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$325,150 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to a new Senior Accountant position being added due to Bois d'Arc Lake coming online along with higher Wages, Social Security, Insurance & Retirement costs
- Computer Supplies are higher in anticipation of additional Incode and Dayforce fees based on budgeted employees
- Audit Fees have increased due to the annual audit

Finance Department

Overview

The Finance Department is responsible for the planning, development and maintenance of the annual budgets. The department also 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, as well as the establishment and monitoring of all investment, debt and continuing disclosure policies and procedures.

FY2023 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			
Full-Time Positions	FY22	FY23	Difference
Administrative Assistant *	1.00	1.00	-
Assistant Deputy (Finance)	0.50	0.50	-
Assistant Finance Manager	1.00	1.00	-
Debt & Investment Supervisor	1.00	1.00	-
Finance Manager	1.00	1.00	-
Financial Analyst **	5.00	5.00	-
Investment Coordinator	1.00	1.00	-
Total Full-Time Positions	10.50	10.50	-

* Title change per FY22 Compensation Study

** Reclassified 2 positions & combined titles per FY22 Compensation Study

Expense Detail

Finance Department	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
Personnel						
510000 - Wages	\$ 842,380	\$ 931,000	\$ 901,230	\$ 1,027,730	\$ 96,730	10.39%
511060 - Overtime	332	-	-	-	-	0.00%
512000 - Social Security	61,046	71,235	66,890	78,620	7,385	10.37%
513000 - Workers' Comp Ins	1,363	1,310	1,210	1,455	145	11.07%
513020 - Hospitalization Ins	169,592	179,565	176,345	198,445	18,880	10.51%
513040 - Dental Ins	9,052	8,645	8,050	8,935	290	3.35%
513060 - Life Ins	2,201	2,190	2,130	2,405	215	9.82%
514000 - Retirement	102,985	132,245	132,245	134,020	1,775	1.34%
514010 - Retiree - Insurance	46,221	42,465	42,465	43,810	1,345	3.17%
514020 - Comp Absences-vacation	12,375	12,770	12,770	6,030	(6,740)	-52.78%
515000 - Cell Phone Stipend	2,500	2,640	2,220	3,600	960	36.36%
Personnel Total	\$ 1,250,046	\$ 1,384,065	\$ 1,345,555	\$ 1,505,050	\$ 120,985	8.74%
Supplies						
520100 - Office Supplies	\$ 6,444	\$ 15,000	\$ 14,595	\$ 15,000	-	0.00%
520110 - Computer Supplies	13,544	23,475	23,475	84,350	60,875	259.32%
521100 - Medical Supplies	-	295	295	295	-	0.00%
521110 - Safety Supplies	-	300	300	300	-	0.00%
Supplies Total	\$ 19,988	\$ 39,070	\$ 38,665	\$ 99,945	\$ 60,875	155.81%
Services						
530900 - General Liability Ins	\$ 15,738	\$ 19,235	\$ 19,235	\$ 20,115	\$ 880	4.57%
531020 - Internet Service	915	2,400	2,400	2,400	-	0.00%
531600 - Printing & Binding	5,256	8,000	8,000	8,000	-	0.00%
531700 - Advertising	-	-	405	-	-	0.00%
531800 - Rent or Lease Payment	1,781	1,625	1,625	1,625	-	0.00%
531900 - Travel and Training	1,362	5,100	5,100	21,100	16,000	313.73%
532000 - Mem & Subscriptions	1,105	3,060	3,060	3,060	-	0.00%
532300 - Postage	619	1,900	1,900	1,900	-	0.00%
532400 - Office Equip Maint	-	250	250	250	-	0.00%
533020 - Contract Labor	265,694	255,000	255,000	100,000	(155,000)	-60.78%
Services Total	\$ 292,468	\$ 296,570	\$ 296,975	\$ 158,450	\$ (138,120)	-46.57%
Grand Total	\$ 1,562,502	\$ 1,719,705	\$ 1,681,195	\$ 1,763,445	\$ 43,740	2.54%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$43,740 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Social Security & Insurance costs
- Computer Supplies increased for annual maintenance of debt management software and new PCs
- Travel and Training increased to allow staff to attend trainings that were previously cut from the budget during the COVID-19 Pandemic
- Contract Labor decreased based on the District reducing reliance on outside consultants for the Strategic Financial Planning process

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.

FY2023 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
- Training
- eProcurement Software
- Legal Services

Position Summary

Procurement Department			
Full-Time Positions	FY22	FY23	Difference
Purchasing Agent	1.00	1.00	-
Procurement Manager *	1.00	1.00	-
Senior Buyer	3.00	3.00	-
Total Full-Time Positions	5.00	5.00	-

* Title change due to department name change

Expense Detail

Procurement Department	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
Personnel						
510000 - Wages	\$ 332,497	\$ 456,295	\$ 440,880	\$ 508,735	\$ 52,440	11.49%
512000 - Social Security	24,356	34,295	34,010	37,575	3,280	9.56%
513000 - Workers' Comp Ins	529	645	590	720	75	11.63%
513010 - Unemployment Ins	589	-	-	-	-	0.00%
513020 - Hospitalization Ins	46,426	63,115	58,395	67,275	4,160	6.59%
513040 - Dental Ins	2,940	3,190	3,040	3,415	225	7.05%
513060 - Life Ins	847	1,085	1,020	1,190	105	9.68%
514000 - Retirement	51,615	65,510	65,510	66,340	830	1.27%
514010 - Retiree - Insurance	39,235	21,040	21,040	21,685	645	3.07%
514020 - Comp Absences-vacation	2,880	4,450	4,450	3,995	(455)	-10.22%
515000 - Cell Phone Stipend	1,880	1,920	2,080	2,400	480	25.00%
Personnel Total	\$ 503,794	\$ 651,545	\$ 631,015	\$ 713,330	\$ 61,785	9.48%
Supplies						
520100 - Office Supplies	\$ 486	\$ 11,000	\$ 11,000	\$ 5,995	\$ (5,005)	-45.50%
520110 - Computer Supplies	23,296	30,560	30,560	35,375	4,815	15.76%
520630 - Toll Fees	-	200	200	200	-	0.00%
521100 - Medical Supplies	-	105	105	-	(105)	-100.00%
521900 - Vehicle Supplies	-	175	175	175	-	0.00%
Supplies Total	\$ 23,783	\$ 42,040	\$ 42,040	\$ 41,745	\$ (295)	-0.70%
Services						
531020 - Internet Service	\$ 457	\$ 540	\$ 540	\$ 540	-	0.00%
531400 - Legal Service	29,518	30,000	35,000	30,000	-	0.00%
531600 - Printing & Binding	-	1,425	1,425	1,425	-	0.00%
531800 - Rent or Lease Payment	3,511	4,050	5,050	4,050	-	0.00%
531900 - Travel and Training	1,950	11,150	11,150	11,150	-	0.00%
532000 - Mem & Subscriptions	679	1,290	1,290	1,915	625	48.45%
532300 - Postage	-	1,900	1,900	1,900	-	0.00%
532400 - Office Equip Maint	-	250	250	250	-	0.00%
533020 - Contract Labor	3,000	15,000	9,000	14,000	(1,000)	-6.67%
Services Total	\$ 39,115	\$ 65,605	\$ 65,605	\$ 65,230	\$ (375)	-0.57%
Grand Total	\$ 566,691	\$ 759,190	\$ 738,660	\$ 820,305	\$ 61,115	8.05%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$61,115 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to higher Wages, Social Security & Insurance costs
- Office Supplies decreased due to removing non-procurement related expense
- Computer Supplies increased to cover the cost of an Amazon Prime business account

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 systems that support the achievement of 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, as well as data analysis and mining, data visualization, interactive dashboards, process improvement, new technology solution evaluations and more. The IT Business Support team is responsible for planning, development and maintenance of the network and 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.

FY2023 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 taking into account the interests of all stakeholders.
- Ensure quality data input into Maximo, GIS, SharePoint 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.
- Ensure all employees are aware of 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 to effectively perform the required duties while staying current in professional and/or technical skill levels.
- 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	FY22	FY23	Difference
Administrative Technician	1.00	1.00	-
Assistant Deputy (Information Technology)	1.00	1.00	-
Cybersecurity Analyst	-	1.00	1.00
GIS Analyst	1.00	1.00	-
GIS Assistant	1.00	1.00	-
GIS Coordinator	1.00	1.00	-
Information Systems Analyst	1.00	1.00	-
Information Systems Assistant	2.00	2.00	-
Information Systems Manager	1.00	1.00	-
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	2.00	4.00	2.00
Sharepoint Administrator	1.00	1.00	-
Technical Project Coordinator	1.00	1.00	-
Total Full-Time Positions	19.00	22.00	3.00

* Reclassified a position & combined titles per FY22 Compensation Study

Expense Detail

Information Technology Department						
	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
Personnel						
510000 - Wages	\$ 1,263,603	\$ 1,300,460	\$ 1,323,095	\$ 1,798,915	\$ 498,455	38.33%
511060 - Overtime	26,697	12,500	12,500	20,000	7,500	60.00%
512000 - Social Security	97,369	99,485	96,440	132,160	32,675	32.84%
513000 - Workers' Comp Ins	2,272	1,845	1,695	2,545	700	37.94%
513020 - Hospitalization Ins	239,858	249,065	218,465	306,540	57,475	23.08%
513040 - Dental Ins	13,400	12,825	11,825	15,680	2,855	22.26%
513060 - Life Ins	3,207	3,160	3,120	4,320	1,160	36.71%
514000 - Retirement	151,535	205,100	205,100	240,090	34,990	17.06%
514010 - Retiree - Insurance	77,224	65,860	65,860	78,485	12,625	19.17%
514020 - Comp Absences-vacation	3,945	22,330	22,330	23,675	1,345	6.02%
514030 - Comp Absences-sick	3,895	-	-	35,920	35,920	0.00%
515000 - Cell Phone Stipend	7,944	7,295	6,960	9,600	2,305	31.60%
Personnel Total	\$ 1,890,949	\$ 1,979,925	\$ 1,967,390	\$ 2,667,930	\$ 688,005	34.75%
Supplies						
520100 - Office Supplies	\$ 1,669	\$ 2,700	\$ 2,700	\$ 2,700	-	0.00%
520110 - Computer Supplies	1,123,217	1,373,610	1,373,610	1,517,250	143,640	10.46%
520200 - Xerox Supplies	7,164	16,140	16,140	-	(16,140)	-100.00%
520600 - Fuel, Oil and Lube	659	3,500	3,500	1,200	(2,300)	-65.71%

Expense Detail (continued)

Information Technology Department	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 (continued)						
520630 - Toll Fees	\$ 50	\$ 250	\$ 250	\$ -	\$ (250)	-100.00%
520800 - Small Tools & Equip	769	1,500	1,500	1,600	100	6.67%
521110 - Safety Supplies	530	1,230	1,230	1,435	205	16.67%
521900 - Vehicle Supplies	708	1,050	1,050	1,050	-	0.00%
521910 - Tires and Tubes	2	1,000	1,000	400	(600)	-60.00%
Supplies Total	\$ 1,134,768	\$ 1,400,980	\$ 1,400,980	\$ 1,525,635	\$ 124,655	8.90%
Services						
530300 - Automotive Insurance	\$ 2,615	\$ 2,695	\$ 2,695	\$ 2,960	\$ 265	9.83%
531000 - Telephone	11,971	54,000	54,000	54,000	-	0.00%
531020 - Internet Service	280,437	179,470	179,470	181,390	1,920	1.07%
531310 - Special Studies & Rpts	-	75,000	75,000	-	(75,000)	-100.00%
531600 - Printing & Binding	65	125	125	145	20	16.00%
531700 - Advertising	-	700	700	700	-	0.00%
531800 - Rent or Lease Payment	-	-	-	20,220	20,220	0.00%
531900 - Travel and Training	14,324	23,500	23,500	16,870	(6,630)	-28.21%
532000 - Mem & Subscriptions	692	815	815	1,020	205	25.15%
532100 - Vehicle Maint	95	-	-	-	-	0.00%
532110 - Veh Maint by Solid Waste	1,066	1,400	1,400	1,400	-	0.00%
533000 - Other Services	550	-	-	-	-	0.00%
533020 - Contract Labor	623,004	620,480	620,480	734,780	114,300	18.42%
534000 - Uninsured losses	186	-	-	-	-	0.00%
Services Total	\$ 935,005	\$ 958,185	\$ 958,185	\$ 1,013,485	\$ 55,300	5.77%
Capital Outlay						
540400 - Office Equipment	\$ 198,969	\$ 160,000	\$ 160,000	\$ -	\$ (160,000)	-100.00%
Capital Outlay Total	\$ 198,969	\$ 160,000	\$ 160,000	\$ -	\$ (160,000)	-100.00%
Grand Total	\$ 4,159,691	\$ 4,499,090	\$ 4,486,555	\$ 5,207,050	\$ 707,960	15.74%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$707,960 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to the addition of 3 new positions, 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, GIS & Consulting
- Xerox Supplies decreased as the budget was moved to Rent or Lease Payment
- Contract Labor increased to carry out Strategic Plan initiatives and IT Consulting related to Cyber Security, Data/Info Strategy, GIS & Consulting
- Office Equipment decreased. A generator was budgeted in the prior year and there is no need to purchase one in FY23.

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.

FY2023 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 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	FY22	FY23	Difference
Administrative Technician	0.20	0.20	-
Environmental Analyst	0.90	0.90	-
Environmental Program Manager	0.60	0.60	-
Environmental Program Supervisor *	0.40	0.40	-
Environmental Services Manager	0.25	0.25	-
Environmental Specialist I	1.00	1.00	-
Environmental Specialist II	1.00	1.00	-

Position Summary (continued)

Environmental Services Department

Full-Time Positions	FY22	FY23	Difference
Environmental Supervisor I	1.00	1.00	-
Environmental Technician *	3.00	3.00	-
WIMS Analyst	1.00	1.00	-
Total Full-Time Positions	9.35	9.35	-

* Title change per FY22 Compensation Study

Expense Detail

Environmental Services Department	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
Personnel						
510000 - Wages	\$ 559,709	\$ 633,735	\$ 568,495	\$ 637,105	\$ 3,370	0.53%
511060 - Overtime	2,009	2,000	2,000	2,000	-	0.00%
512000 - Social Security	40,942	48,475	42,475	48,740	265	0.55%
513000 - Workers' Comp Ins	10,640	10,645	9,600	11,355	710	6.67%
513020 - Hospitalization Ins	92,207	101,220	106,045	121,175	19,955	19.71%
513040 - Dental Ins	5,053	4,530	4,100	4,720	190	4.19%
513060 - Life Ins	1,484	1,550	1,365	1,565	15	0.97%
514000 - Retirement	69,135	91,005	91,005	83,000	(8,005)	-8.80%
514010 - Retiree - Insurance	47,540	29,225	29,225	27,135	(2,090)	-7.15%
514020 - Comp Absences-vacation	3,420	-	-	-	-	0.00%
514030 - Comp Absences-sick	21,375	27,860	27,860	-	(27,860)	-100.00%
515000 - Cell Phone Stipend	4,102	4,005	3,465	3,910	(95)	-2.37%
Personnel Total	\$ 857,615	\$ 954,250	\$ 885,635	\$ 940,705	\$ (13,545)	-1.42%
Supplies						
520100 - Office Supplies	\$ 791	\$ 1,000	\$ 1,000	\$ 1,195	\$ 195	19.50%
520110 - Computer Supplies	35,526	32,000	32,000	32,900	900	2.81%
520200 - Xerox Supplies	6,194	5,000	5,000	-	(5,000)	-100.00%
520300 - Clothing Supplies	5,061	5,725	5,725	6,330	605	10.57%
520600 - Fuel, Oil and Lube	5,123	8,000	8,000	8,000	-	0.00%
520630 - Toll Fees	240	400	400	400	-	0.00%
520800 - Small Tools & Equip	2,538	2,500	2,500	500	(2,000)	-80.00%
521000 - Laboratory Supplies	13,824	16,015	16,015	6,190	(9,825)	-61.35%
521110 - Safety Supplies	1,644	1,730	1,730	1,730	-	0.00%
521700 - Building Supplies	340	-	-	-	-	0.00%
521900 - Vehicle Supplies	835	5,000	5,000	5,000	-	0.00%
521910 - Tires and Tubes	1,166	3,000	3,000	3,000	-	0.00%
522000 - Equipment Supplies	6,505	10,000	10,000	20,200	10,200	102.00%
Supplies Total	\$ 79,788	\$ 90,370	\$ 90,370	\$ 85,445	\$ (4,925)	-5.45%

Expense Detail (continued)

Environmental Services Department	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
Services						
530300 - Automotive Insurance	\$ 3,051	\$ 3,215	\$ 3,215	\$ 3,555	\$ 340	10.58%
531020 - Internet Service	6,230	5,280	5,280	9,240	3,960	75.00%
531800 - Rent or Lease Payment	-	5,000	5,000	10,000	5,000	100.00%
531900 - Travel and Training	4,341	5,680	5,680	13,380	7,700	135.56%
532000 - Mem & Subscriptions	362	1,560	1,560	1,670	110	7.05%
532100 - Vehicle Maint	2,931	2,550	2,550	3,550	1,000	39.22%
532110 - Veh Maint by Solid Waste	2,215	4,000	4,000	4,000	-	0.00%
532200 - Equipment Maintenance	1,452	3,750	3,750	3,750	-	0.00%
532300 - Postage	84	400	400	400	-	0.00%
532850 - Building Maintenance	822	15,000	15,000	-	(15,000)	-100.00%
533000 - Other Services	325	-	-	-	-	0.00%
533500 - Lab Svc - Contract	160	250	250	-	(250)	-100.00%
Services Total	\$ 21,972	\$ 46,685	\$ 46,685	\$ 49,545	\$ 2,860	6.13%
Capital Outlay						
540300 - Vehicle Equipment	\$ -	\$ 51,500	\$ 51,500	\$ -	(51,500)	-100.00%
540700 - Non-Vehicle Equipment	27,500	-	-	-	-	0.00%
541000 - Laboratory Equipment	12,392	15,000	15,000	15,000	-	0.00%
Capital Outlay Total	\$ 39,892	\$ 66,500	\$ 66,500	\$ 15,000	(\$ 51,500)	-77.44%
Grand Total	\$ 999,267	\$ 1,157,805	\$ 1,089,190	\$ 1,090,695	\$ (67,110)	-5.80%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$67,110 from the FY22 Original Budget. Major variances are explained below:

- Personnel had a net decrease due to higher Wages, Insurance costs offset by lower Retirement and Compensated Absences
- Building Maintenance removed as projects were finished in FY22
- Xerox Supplies moved to the Rent or Lease payment line item
- Vehicle equipment decreased due to no need for any replacement vehicles in FY23

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.

FY2023 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

Full-Time Positions	FY22	FY23	Difference
Administrative Technician	0.20	0.20	-
Chemist / Biologist	5.00	6.00	1.00
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 *	4.00	4.00	-
LIMS Administrator	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	31.45	32.45	1.00

* Title change per FY22 Compensation Study

Expense Detail

Laboratory Services Department	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
Personnel						
510000 - Wages	\$ 2,053,814	\$ 2,212,870	\$ 2,129,615	\$ 2,428,915	\$ 216,045	9.76%
511060 - Overtime	9,400	10,000	10,000	10,000	-	0.00%
512000 - Social Security	156,992	169,280	160,555	185,815	16,535	9.77%
513000 - Workers' Comp Ins	11,932	10,955	10,045	12,190	1,235	11.27%
513020 - Hospitalization Ins	376,191	406,910	411,280	449,885	42,975	10.56%
513040 - Dental Ins	15,533	15,050	15,055	16,485	1,435	9.53%
513060 - Life Ins	5,443	5,345	5,185	5,880	535	10.01%
514000 - Retirement	247,200	316,890	316,890	318,720	1,830	0.58%
514010 - Retiree - Insurance	85,092	101,760	101,760	104,190	2,430	2.39%
514020 - Comp Absences-vacation	23,420	18,650	18,650	22,675	4,025	21.58%
515000 - Cell Phone Stipend	2,114	2,135	1,910	2,520	385	18.03%
Personnel Total	\$ 2,987,130	\$ 3,269,845	\$ 3,180,945	\$ 3,557,275	\$ 287,430	8.79%
Supplies						
520100 - Office Supplies	\$ 3,766	\$ 5,000	\$ 5,000	\$ 5,000	-	0.00%
520110 - Computer Supplies	17,767	40,000	40,000	33,865	(6,135)	-15.34%
520200 - Xerox Supplies	4,377	4,000	4,000	-	(4,000)	-100.00%
520300 - Clothing Supplies	7,643	10,020	10,020	10,620	600	5.99%
520600 - Fuel, Oil and Lube	2,117	1,000	1,000	1,000	-	0.00%
520630 - Toll Fees	-	150	150	150	-	0.00%
520800 - Small Tools & Equip	24,415	25,000	25,000	25,750	750	3.00%
520810 - Fire Extinguishers	590	535	535	535	-	0.00%
521000 - Laboratory Supplies	399,341	375,000	365,000	363,000	(12,000)	-3.20%
521110 - Safety Supplies	9,072	8,000	8,000	10,000	2,000	25.00%
521700 - Building Supplies	9,604	10,000	5,000	10,000	-	0.00%

Expense Detail (continued)

Laboratory Services Department	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 (continued)						
521900 - Vehicle Supplies	\$ 388	\$ 800	\$ 800	\$ 800	\$ -	0.00%
521910 - Tires and Tubes	1	175	175	175	-	0.00%
522000 - Equipment Supplies	37,379	40,000	40,000	42,000	2,000	5.00%
523000 - Other Supplies	56,995	65,000	65,000	137,000	72,000	110.77%
Supplies Total	\$ 573,456	\$ 584,680	\$ 569,680	\$ 639,895	\$ 55,215	9.44%
Services						
530300 - Automotive Insurance	\$ 811	\$ 840	\$ 840	\$ 920	\$ 80	9.52%
530400 - Fire & Exten Cov Ins	6,705	8,585	8,585	9,855	1,270	14.79%
531020 - Internet Service	1,247	480	480	480	-	0.00%
531100 - Electric Power	85,814	58,800	106,800	78,000	19,200	32.65%
531110 - Nat Gas, Butane & Kero	15,633	18,000	18,000	18,000	-	0.00%
531120 - Retail Water Service	3,644	3,500	3,500	3,500	-	0.00%
531310 - Special Studies & Rpts	-	100,000	23,000	100,000	-	0.00%
531700 - Advertising	84	300	300	300	-	0.00%
531800 - Rent or Lease Payment	1,338	4,000	4,000	10,000	6,000	150.00%
531900 - Travel and Training	9,524	11,065	11,065	13,540	2,475	22.37%
532000 - Mem & Subscriptions	48	1,440	1,440	1,440	-	0.00%
532100 - Vehicle Maint	17	250	250	250	-	0.00%
532110 - Veh Maint by Solid Waste	580	750	750	750	-	0.00%
532200 - Equipment Maintenance	162,696	144,100	128,100	132,000	(12,100)	-8.40%
532300 - Postage	736	100	100	100	-	0.00%
532850 - Building Maintenance	12,241	50,000	25,000	76,000	26,000	52.00%
533020 - Contract Labor	21,055	5,000	5,000	5,000	-	0.00%
533500 - Lab Svc - Contract	54,008	20,000	20,000	20,000	-	0.00%
533900 - Permits, Ins, & Lic Fees	3,055	3,500	3,500	3,500	-	0.00%
534000 - Uninsured losses	2,057	-	-	-	-	0.00%
Services Total	\$ 381,293	\$ 430,710	\$ 360,710	\$ 473,635	\$ 42,925	9.97%
Capital Outlay						
540300 - Vehicle Equipment	\$ -	\$ 34,000	\$ 34,000	\$ -	\$ (34,000)	-100.00%
540700 - Non-Vehicle Equipment	86,800	-	-	-	-	0.00%
541000 - Laboratory Equipment	57,991	126,000	259,000	260,000	134,000	106.35%
Capital Outlay Total	\$ 144,791	\$ 160,000	\$ 293,000	\$ 260,000	\$ 100,000	62.50%
Grand Total	\$ 4,086,670	\$ 4,445,235	\$ 4,404,335	\$ 4,930,805	\$ 485,570	10.92%

Major FY23 Budget Items

The department's FY23 Proposed Budget has increased by \$485,570 from the FY22 Original Budget. Major variances are explained below:

- Personnel increased due to a new chemist / biologist position, higher Wages, Social Security, Insurance and Retirement costs
- Building Maintenance increased for building and HVAC repairs
- Safety Supplies & Other Supplies increased due to higher contract prices for lab supplies and additional projects. Xerox Supplies moved to the Rent or Lease Payment.
- Electric power increased based on historical actuals
- Laboratory Equipment increased for equipment needed for additional industries, monitoring and projects

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.

FY2023 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			
Full-Time Positions	FY22	FY23	Difference
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

Regulatory Compliance Department	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
Personnel						
510000 - Wages	\$ 328,566	\$ 349,240	\$ 310,240	\$ 338,295	\$ (10,945)	-3.13%
512000 - Social Security	23,524	26,715	23,170	25,880	(835)	-3.13%
513000 - Workers' Comp Ins	3,861	3,645	3,455	3,965	320	8.78%
513020 - Hospitalization Ins	54,315	57,575	57,735	62,995	5,420	9.41%
513040 - Dental Ins	2,330	2,235	1,935	2,105	(130)	-5.82%
513060 - Life Ins	844	815	730	790	(25)	-3.07%

Expense Detail (continued)

Regulatory Compliance Department	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
Personnel (continued)						
514000 - Retirement	\$ 37,730	\$ 49,610	\$ 49,610	\$ 44,115	\$ (5,495)	-11.08%
514010 - Retiree - Insurance	6,584	15,930	15,930	14,420	(1,510)	-9.48%
514020 - Comp Absences-vacation	4,440	3,840	3,840	-	(3,840)	-100.00%
514030 - Comp Absences-sick	-	6,485	6,485	-	(6,485)	-100.00%
515000 - Cell Phone Stipend	1,794	1,655	1,430	1,560	(95)	-5.74%
Personnel Total	\$ 463,987	\$ 517,745	\$ 474,560	\$ 494,125	\$ (23,620)	-4.56%
Supplies						
520100 - Office Supplies	\$ 175	\$ 1,000	\$ 1,000	\$ 1,000	-	0.00%
520110 - Computer Supplies	569	6,000	6,000	4,460	(1,540)	-25.67%
520300 - Clothing Supplies	-	1,800	1,800	1,800	-	0.00%
520600 - Fuel, Oil and Lube	151	3,800	3,800	3,800	-	0.00%
520630 - Toll Fees	17	300	300	300	-	0.00%
520800 - Small Tools & Equip	-	350	350	350	-	0.00%
521110 - Safety Supplies	205	1,315	1,315	1,315	-	0.00%
521900 - Vehicle Supplies	234	1,400	1,400	1,400	-	0.00%
521910 - Tires and Tubes	1	350	350	350	-	0.00%
Supplies Total	\$ 1,352	\$ 16,315	\$ 16,315	\$ 14,775	\$ (1,540)	-9.44%
Services						
530300 - Automotive Insurance	\$ 608	\$ 630	\$ 630	\$ 690	\$ 60	9.52%
531020 - Internet Service	1,929	1,440	1,440	1,440	-	0.00%
531310 - Special Studies & Rpts	6,332	5,000	5,000	-	(5,000)	-100.00%
531400 - Legal Service	21,491	21,500	21,500	10,000	(11,500)	-53.49%
531900 - Travel and Training	4,512	8,400	8,400	18,600	10,200	121.43%
532000 - Mem & Subscriptions	1,248	2,000	2,000	1,900	(100)	-5.00%
532100 - Vehicle Maint	17	1,600	1,600	1,600	-	0.00%
532110 - Veh Maint by Solid Waste	487	1,600	1,600	1,600	-	0.00%
532850 - Building Maintenance	-	9,160	9,160	-	(9,160)	-100.00%
533000 - Other Services	256	-	-	-	-	0.00%
533020 - Contract Labor	-	5,000	5,000	10,000	5,000	100.00%
Services Total	\$ 36,880	\$ 56,330	\$ 56,330	\$ 45,830	\$ (10,500)	-18.64%
Capital Outlay						
540700 - Non-Vehicle Equipment	\$ 6,900	\$ -	\$ -	\$ -	-	0.00%
Capital Outlay Total	\$ 6,900	\$ -	\$ -	\$ -	-	0.00%
Grand Total	\$ 509,119	\$ 590,390	\$ 547,205	\$ 554,730	\$ (35,660)	-6.04%

Major FY23 Budget Items

The department's FY23 Proposed Budget has decreased by \$35,660 from the FY22 Original Budget. Major variances are explained below:

- Personnel decreased due to reallocation of personnel across other departments
- Travel and Training increased for additional lake monitoring and training/certifications needed for staff
- Contract Labor increased due to additional programs across the District driven by expansion

Wylie Water Treatment Plant Complex



APPENDIX

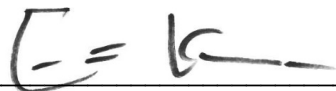
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Government Treasurers' Organization of Texas
Certification of Investment Policy


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-finance/> under the Strategic Financial Plans Section.

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 2023-2027

Regional Water System

Primary Driver for Projects	2023	2024	2025	2026	2027
Expanding/New Growth	\$ 358.7	\$ 688.9	\$ 206.2	\$ 439.8	\$ 803.3
Maintaining Aging Infrastructure	157.5	117.9	87.6	131.5	57.1
Regulatory Requirements	44.2	3.8	6.2	9.8	-
Other	-	-	11.1	3.0	5.3
Total Project Costs (\$M)	\$ 560.4	\$ 810.5	\$ 311.1	\$ 584.1	\$ 865.6

Regional Wastewater System

Primary Driver for Projects	2023	2024	2025	2026	2027
Expanding/New Growth	\$ 27.2	\$ 169.1	\$ 3.9	\$ 1.1	\$ -
Maintaining Aging Infrastructure	7.1	9.2	-	54.6	63.8
Peak Flows/New Growth	193.4	65.6	76.2	-	44.9
Other	-	0.8	0.8	2.9	2.5
Total Project Costs (\$M)	\$ 227.6	\$ 244.7	\$ 80.9	\$ 58.5	\$ 111.2

Upper East Fork Interceptor System

Primary Driver for Projects	2023	2024	2025	2026	2027
Expanding/New Growth	\$ 0.1	\$ 31.7	\$ 0.8	\$ -	\$ -
Maintaining Aging Infrastructure	24.5	77.2	112.8	38.5	32.4
Peak Flows/New Growth	9.8	85.3	19.6	12.9	3.3
Other	1.1	0.7	4.6	3.9	1.7
Total Project Costs (\$M)	\$ 35.5	\$ 194.8	\$ 137.9	\$ 55.4	\$ 37.3

Small Systems

Primary Driver for Projects	2023	2024	2025	2026	2027
Expanding/New Growth	\$ 27.0	\$ 151.6	\$ 50.6	\$ 0.2	\$ 2.4
Maintaining Aging Infrastructure	2.2	0.8	0.3	2.6	0.9
Peak Flows/New Growth	93.7	10.6	23.2	6.0	94.4
Total Project Costs (\$M)	\$ 122.9	\$ 163.0	\$ 74.1	\$ 8.8	\$ 97.7

Regional Solid Waste System

Primary Driver for Projects	2023	2024	2025	2026	2027
Expanding/New Growth	\$ 20.7	\$ 9.3	\$ 2.3	\$ -	\$ 27.6
Maintaining Aging Infrastructure	8.5	-	-	-	-
Total Project Costs (\$M)	\$ 29.1	\$ 9.3	\$ 2.3	\$ -	\$ 27.6

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 1-3% 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.

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**2022-23
CAPITAL PROJECTS**

CAPITAL PROJECTS FY2023

Regional Water System

Project	Project Driver	Description	Construction Cost Estimate
McKinney Delivery Point No. 3 to McKinney Delivery Point No. 4 Pipeline	Expanding/ New Growth	Construction of a 72-inch water transmission line between the Northeast McKinney Pump Station (McKinney Delivery Point No. 4) and the existing McKinney Delivery Point No. 3, which connects the Leonard WTP treated water pipeline to the NTMWD's North water transmission system in McKinney. This provides additional treated water transmission capacity and addresses projected capacity needs in the North System.	> \$50M
Lake Texoma Pump Station 2019 Electrical Improvements, Phase I	Maintaining Aging Infrastructure	Upgrade pump station electrical switchgear and Oncor substation improvements to support increased electrical loads.	\$6M-\$15M
Trinity River Lock & Dam No. 7 Stabilization	Expanding/ New Growth	Erosion control and additional stabilization measures to assure structural stability of Lock and Dam No. 7, which maintains the backwater pool for the Trinity River Main Stem Pump Station Intake.	\$2M-\$5M
Inspection Building	Expanding/ New Growth	New building for office space and equipment storage for NTMWD inspection staff at the NTMWD Wylie WTP site.	\$2M-\$5M
Water Transmission Pipeline Condition Assessment	Maintaining Aging Infrastructure	Transmission pipeline inspection using advanced method as part of comprehensive linear management program.	< \$2M
Wylie WTP II Structural and Mechanical Improvements, Phase II (Part of the Biologically Active Filtration Construction Manager At-Risk)	Maintaining Aging Infrastructure	Address structural deficiencies and conflicting piping configurations that compromise transition to the biologically active filtration (BAF) process. This includes Wylie WTP II filters, clearwells and backwash pump station. Scope also includes electrical improvements delivery approach.	> \$50M
Wylie Water Treatment Plants I-IV Filter Media Improvements	Regulatory Requirements	Filter media improvements at Wylie WTPs I-IV. This project will be sequenced to span a four-year period.	\$26M-\$50M
Future Water Supply Project	Expanding/ New Growth	Implement water supply strategies to be approved by the Board of Directors to meet the growth needs in the NTMWD service area.	> \$50M
Bonham Water Treatment Plant Intake Improvements	Maintaining Aging Infrastructure	Dredging the intake channel at the Bonham WTP.	< \$2M
East System Control Valve Vault	Expanding/ New Growth	Addition of a bypass valve close to the Wylie WTP to increase peak flow demand into the East Water Transmission System.	\$2M-\$5M
Waterline Relocations Along State Highways in Dallas, Rockwall and Kaufman Counties	Expanding/ New Growth	Texas Department of Transportation (TxDOT) is preparing to widen various state roads within the NTMWD service area in Dallas, Rockwall and Kaufman Counties. These TxDOT projects encroach on existing NTMWD water lines and easements, requiring construction by NTMWD for relocation or protection of water lines, valves and other facilities.	\$26M-\$50M

Regional Water System (continued)

Project	Project Driver	Description	Construction Cost Estimate
High Service Pump Station (HSPS) 2-2 and 2-3 Control Valve Improvements	Maintaining Aging Infrastructure	Install surge improvements at HSPS 2-2 and 2-3 as identified in the Surge Analysis Report of the North Garland Water Transmission System.	\$6M-\$15M
Hailey Pump Station, Ground Storage Tank Rehabilitation and Site Improvements and Forney-To-Terrell Communication Tower	Maintaining Aging Infrastructure	Improvements to the 1.0 MG ground storage tank, pump station, yard piping, electrical, instrumentation and communications. Provide a taller tower at the Forney-to-Terrell Pump Station Site to boost signal strength between the South System and Control Room at the Wylie WTP.	\$6M-\$15M
Water Treatment Plant (WTP) Back-Up Power Improvements	Expanding/ New Growth	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.	\$26M-\$50M
Wylie WTP Additional Clearwells 2023 (Part of the Biologically Active Filtration Construction Manager At-Risk)	Expanding/ New Growth	Construction of a new clearwell for additional water storage capacity on the Wylie WTP site. Construction will be part of the BAF CMAR.	\$16M-\$25M
Leonard WTP - South 25 kilovolt (kV) Overhead Electrical Loop	Expanding/ New Growth	The initial phase of the Bois d'Arc Lake Program only covered the Design and Construction by the Fannin County Electric Corporation (FCEC) of the Leonard WTP site for only Phases I and II. This item is for NTMWD to fund a contract to FCEC to design and install a 25 kV secondary overhead electric line around the south portion of the Leonard WTP to supply the additional phases of construction anticipated for the Leonard WTP.	\$6M-\$15M
Wylie WTP Conversion to Biologically Active Filtration (Part of the Biologically Active Filtration Construction Manager At-Risk)	Maintaining Aging Infrastructure	Convert existing filters at the Wylie WTP Complex to allow them to operate in a BAF mode. Use of the BAF process in conjunction with ozone is expected to enhance the removal of organics and generally improve overall finished water quality by stabilizing the treatment capability. Formalize and document the methodology for implementing BAF at the Wylie WTP Complex beginning with WTP IV. Establish a baseline and BAF treatment parameters and the monitoring of operational and water quality data during and after BAF conversion.	> \$50M
Wylie WTP III Outfall Improvements	Regulatory Requirements	Improvements and upgrades at Wylie WTP for stormwater runoff.	\$2M-\$5M
Texoma Surge Mixing and Blending Tanks Improvements	Maintaining Aging Infrastructure	Installation of aerators or mixers in the surge tank and all four blend tanks at the Wylie WTP.	< \$2M
North System Air Valve Improvements, Phase II	Maintaining Aging Infrastructure	The North System Air Valve Improvements, Phase II will replace 55 existing air release valves, redirect venting and repair/upsizes associated manholes, as needed.	\$6M-\$15M

Regional Water System (continued)

Project	Project Driver	Description	Construction Cost Estimate
Shiloh System Ground Storage Tank	Regulatory Requirements	Addition of an above ground storage tank in the NTMWD's South Transmission System served by Shiloh Pump Station (Shiloh System) to enhance the reliability to maintain the minimum required pressures in the transmission system.	\$6M-\$15M
Texoma Pipeline Improvements Phase III	Maintaining Aging Infrastructure	Cathodic protection improvements to extend the life of the 72-inch Raw Water Texoma Pipeline that is part of the Texoma System from Lake Texoma Pump Station to the Howe Balancing Reservoir.	\$2M-\$5M
North Garland System Ground Storage Tank	Regulatory Requirements	Construction of a pressure maintenance tank in the North Garland Transmission System to maintain pressures within an appropriate range along the pipelines and operate the system efficiently.	\$26M-\$50M
Raw Water Pump Station No. 1 Improvements	Maintaining Aging Infrastructure	Sealing cracks, repair exterior damage, and repair foundation. Replace piping, pumps and valves. Install new sump pump. Replace flow meter, replace programmable logic controller, replace level floats and replace miscellaneous equipment.	\$6M-\$15M
36-inch Plano West Side Pipeline (Plano No. 3 to Richardson No. 2)	Maintaining Aging Infrastructure	Construct a new 36-inch parallel transmission pipeline to add redundancy and replace aging infrastructure at both the Plano No. 3 and Richardson No. 2 delivery point locations.	\$16M-\$25M
Apollo and Shiloh Pump Stations and Wylie WTP Physical Security Improvements	Regulatory Requirements	Site security improvements at the Wylie WTP complex and at two pump stations in the water transmission system.	\$2M-\$5M
Northeast McKinney Pump Station	Expanding/ New Growth	Construct a new Northeast McKinney pump station that will serve as a key junction point to receive treated water from Leonard WTP and boosting into the existing NTMWD North Transmission System.	> \$50M
Cooper Pipeline Extension	Expanding/ New Growth	Extend the existing raw water line from Cooper Lake and connect to the 96-inch Texoma raw water pipeline. This allows raw water from Cooper Lake to go directly to Wylie WTP without going through Lake Lavon, which effectively addresses several interruption modes.	\$26M-\$50M
Wylie WTP II Control Valve and Interconnection	Expanding/ New Growth	Provide resiliency to the East System and increase peak flow from Wylie WTP beyond 70 MGD. Provide operational flexibility and redundancy after future dedicated pump station is built for East System.	<\$2M
Water Transmission Pipeline Improvements	Maintaining Aging Infrastructure	Transmission pipeline repair and replacement based on recommendations from transmission pipeline condition assessment.	\$6M-\$15M
Supervisory Control and Data Acquisition (SCADA) System Upgrade 2022	Expanding/New Growth	Routine annual SCADA system upgrades for the Regional Water System.	\$2M-\$5M
Wylie WTP II Plant Water Improvements	Maintaining Aging Infrastructure	Install 50,000 gallon elevated storage tank. Replace pumps, ball valves, process piping and miscellaneous electrical and instrumentation. Install flow meter and SCADA.	\$2M-\$5M

Regional Water System (continued)

Project	Project Driver	Description	Construction Cost Estimate
Bois d'Arc Lake Bonham WWTP Improvements	Expanding/ New Growth	Funding for the City of Bonham for wastewater improvements after Bois d'Arc Lake is in service.	< \$2M
Bois d'Arc Lake Dodd City WWTP Improvements	Expanding/ New Growth	Funding for Dodd City for wastewater improvements after Bois d'Arc Lake is in service.	< \$2M
Bois d'Arc Lake Honey Grove WWTP Improvements	Expanding/ New Growth	Funding for the City of Honey Grove for wastewater improvements after Bois d'Arc Lake is in service.	< \$2M
Wylie WTP III Plant Water Improvements	Maintaining Aging Infrastructure	Improve flow for fire protection and insure that adequate pressures and flows are available for plant water needs at WTP III. Improve reliability and redundancy of the plant water system by completing critical pipeline loops in the system. Evaluate a second interconnect between WTP Nos. III and IV.	\$6M-\$15M
Wylie to Rockwall Pipeline Relocation - Lavon No. 2 to Rockwall-Cash Pipeline, Phase II	Expanding/ New Growth	Construct approximately 3.5-miles of 36-inch pipeline to complete the continuous transmission pipeline that extends from the Wylie WTP to State Hwy 66 in the City of Rockwall. This is the second phase of the Lavon No. 2 to Rockwall-to-Cash Special Utility District (Rockwall-Cash) Pipeline.	\$16M-\$25M
Wylie WTP Finished Water Storage and Equalization	Expanding/ New Growth	Develop storage requirements and standard operating procedures for the clearwells for use as storage to reduce plant production rate adjustments. A preliminary design is in progress.	\$16M-\$25M
Wetlands Phosphorous Removal	Expanding/ New Growth	Provide phosphorous removal at the wetlands based upon recommendations from the sampling program.	\$2M-\$5M
Bois d'Arc Lake Program Management	Expanding/ New Growth	Provide program management and coordination with TxDOT for construction projects under the Bois d'Arc Lake program.	< \$2M
Meter Vault Standardization, Set Point Control, Phase IV	Maintaining Aging Infrastructure	Upgrade existing metering stations with set point control capabilities. Phase IV includes: Royse City No. 2, Richardson No. 2, Frisco No. 3, Little Elm, Murphy No. 2, Rowlett No. 2, North Collin SUD and Sunnyvale.	\$16M-\$25M
Meter Vault Standardization, Set Point Control Implementation, Phase V, Package A	Maintaining Aging Infrastructure	Upgrade delivery point infrastructure throughout NTMWD water system. This Phase V effort addresses the final 26 locations, including implementation of current meter vault standards and set-point control capabilities.	\$26M-\$50M
Wylie WTP II 2021 Electrical Building Improvements	Maintaining Aging Infrastructure	Replace electrical system, rehabilitation of sedimentation basin control panels for electrical buildings No. 1, 2, and 3 at the Wylie WTP. Also repair walls and install HVAC system.	\$2M-\$5M
Wylie WTP II Sedimentation Basins 1, 5, 6 and 8	Maintaining Aging Infrastructure	Replace clarification equipment/collector mechanism (motors and drives) and repair mortar erosion on walls. Overhaul flocculator mechanism including paddles, shafts, motors, drives and electrical. Repair raw water structure flumes and replace gates and drain valves.	\$26M-\$50M

Wastewater System Projects

Project	Project Driver	Description	Construction Cost Estimate
121 Force Main Improvements	Maintaining Aging Infrastructure	Replacement of approximately 3-miles of existing 30-inch force main with twin parallel 36-inch force mains from the Preston Road Lift Station to an air release valve located east of Hwy 121 and Coit Rd. Replacement is due to force main failures over the last several years.	\$26M-\$50M
South Mesquite Regional Wastewater Treatment Plant (RWWTP) Peak Flow Management and Expansion	Peak Flows /New Growth	Expand RWWTP Peak 2-hour treatment capacity from 82.5 MGD to 196 MGD. Includes new influent pump station, peak flow storage and headworks.	> \$50M
Preston Road Lift Station Expansion	Peak Flows /New Growth	Expand the Preston Road Lift Station firm capacity from 29.5 MGD to 60 MGD to meet Plano's and Frisco's flow projections.	\$26M - \$50M
Rowlett Creek RWWTP Operations Building	Expanding /New Growth	New 6,000 sq. ft Operations Building adjacent to the RWWTP. Old building will be demolished part of the Rowlett Creek RWWTP Peak Flow Management Improvements Phase II project and repurposed for electrical and maintenance.	\$6M-\$15M
Sabine Creek Wastewater Treatment Plant (WWTP) Expansion to 7 MGD	Expanding /New Growth	Expansion of the WWTP from 3 MGD to 7 MGD annual average daily flow and peak 2-hour wastewater treatment capacity from 9 MGD to 18 MGD.	> \$50M
Sister Grove Regional Water Resource Recovery Facility (RWRRF)	Expanding /New Growth	This is an additional construction package for the new RWRRF to treat UEFIS flows.	\$6M - \$15M
Wilson Creek Transfer Force Mains	Peak Flows /New Growth	Twin 42-inch force mains approximately 3-miles long to convey flows from the Wilson Creek Lift Station to the North McKinney Transfer Lift Station.	\$26M - \$50M
Sloan Creek Force Main	Peak Flows /New Growth	Parallel 12-inch and 20-inch force mains of approximately 10-miles long each to convey flows from the Sloan Creek Lift Station to the Wilson Creek Lift Station.	\$6M-\$15M
Beck Branch Lift Station, Prairie Creek Lift Station and Renner Road Lift Station Improvements	Maintaining Aging Infrastructure	Improvements at Beck Branch Lift Station, Prairie Creek Lift Station and Renner Road Lift Station based on Lift Station Condition Assessment results.	\$2M-\$5M
Princeton Lift Station Expansion	Peak Flows /New Growth	Conceptual design to recommend phasing approach towards meeting Princeton buildout projections. The lift station expansion project is designated as placeholder until conceptual design recommendations are ready.	\$16M-\$25M
Lower East Fork Regional Water Resource Recovery Facility	Expanding /New Growth	Regional population growth in communities contributing to the South Mesquite RWWTP have been projected to exceed the current permitted capacity. This item is a placeholder to acquire property for a new RWRRF to handle the growth in the communities contributing to the South Mesquite RWWTP. A conceptual design is in progress to determine the timing and location for the new RWRRF.	\$6M-\$15M
McKinney East Side Gravity Extension Improvements	Maintaining Aging Infrastructure	Replacement of approximately 3 miles of existing 24-inch gravity interceptor with 54-inch/60-inch from North McDonald Street to the North McKinney Lift Station.	\$16M-\$25M

Wastewater System Projects (continued)

Project	Project Driver	Description	Construction Cost Estimate
Buffalo Creek Interceptor Tunnel	Peak Flows /New Growth	Deep gravity tunnel of approximately 2 miles of 78-inch diameter between the Buffalo Creek Lift Station and the South Mesquite RWWTP. The tunnel will cross under the East Fork of the Trinity River.	\$26M-\$50M
Floyd Branch RWWTP Peak Flow and Ultraviolet (UV) Improvements	Maintaining Aging Infrastructure	Recommendation from recent master plan for new peak flow storage, new influent lift station, new headworks, filter reconfiguration, UV replacement and new operations building.	\$26M-\$50M
US Highway 380 Lift Station and Force Main	Peak Flows /New Growth	Concept for location and routing of new lift station and forcemain to collect flows from Propser and McKinney areas north of US-380 and pump directly to Sister Grove RWRFF.	\$6M-\$15M
Stewart Creek WWTP Primary Clarifier and Blower Improvements	Maintaining Aging Infrastructure	Additional blowers to manage increased influent biological oxygen demand levels and rehabilitation of the deteriorated Primary Clarifier No. 1 Launder.	< \$2M
Wilson Creek RWWTP Primary Clarifiers, UV and Centrifuge Improvements	Maintaining Aging Infrastructure	Recommendation from recent master plan for improvements to the Plant 1 Primary Clarifiers, Plant 1 Primary Sludge Pump Stations Nos. 1 and 2, Plant 1 aeration basin structural improvements, Plant 1 process air systems and blower improvements, Blower Buildings Nos. 1 and 2 HVAC improvements, Plant 2 UV 601, 602 and 603 replacement, belt filter press removal, centrifuge addition and the east press and sludge stabilization control panel replacements.	> \$50M
Rowlett Creek RWWTP Bridge Crane and Canopy	Expanding /New Growth	The new Membrane Bio Reactors (MBR) require removal of the cassettes for preventive maintenance, but the installation project did not include a bridge crane. This project will install a 10 ton bridge crane/trolley system, canopy system to protect the open-top membranes from outside debris and fall protection devices for worker safety.	< \$2M
Plano Spring Creek Lift Station No. 2 Pump Addition	Peak Flows /New Growth	Expand existing firm capacity by pump replacement/addition with soft start pumps. This is to bring the firm capacity from 60 MGD to the recommended capacity based upon the UEFIS Regional Capacity Assurance project.	\$2M-\$5M
Rowlett Creek RWWTP Peak Flow Management Improvements, Phase II	Peak Flows /New Growth	Expand peak flow treatment from 77.5 MGD to 95 MGD with MBR technology. Phase IIA focuses on solids handling improvements and electrical improvements. Phase IIB focuses on liquids improvements.	\$26M - \$50M
Forney Mustang Creek Lift Station, Phase II and Forney Mustang Creek Parallel Force Main	Expanding /New Growth	Expand lift station from 24 MGD to 30 MGD and a new 2-mile long 36-inch force main from the Forney Mustang Lift Station to the Buffalo Creek Lift Station site. Includes decommissioning the existing 16"/18" force main. Project to accommodate Windmill Farms flows.	\$16M - \$25M

Wastewater System Projects (continued)

Project	Project Driver	Description	Construction Cost Estimate
Muddy Creek WWTP Operations Building Improvements	Expanding /New Growth	Expand the existing building to the west to include restrooms, lockers, training room, laundry facilities and showers for men and women. Expand the laboratory in the existing building.	< \$2M
Muddy Creek WWTP Peak Flow, UV and Filter Improvements	Peak Flows /New Growth	Expand peak flow handling from 20 MGD to 60 MGD with new influent pump station, forcemain, headworks and peak flow storage. This project will be constructed in two parts, with the Peak Flow, UV and Filter Improvements being done first.	> \$50M

Solid Waste System Projects

Project	Project Driver	Description	Construction Cost Estimate
Wylie Service Center	Maintaining Aging Infrastructure	Remodeling the existing Service Center located at the Wylie WTP Complex.	\$2M-\$5M
121 Regional Disposal Facility (121 RDF) South Slope Closure	Regulatory Requirements	Final cover for 75 acres on the south slope of the 121 RDF to minimize rainfall infiltration and surface erosion to provide long-term stability.	\$2M-\$5M
121 RDF Sectors 6B and 6C Mass Excavation	Expanding /New Growth	Excavation of rock to build Landfill cells 6B and 6C.	\$2M-\$5M
121 RDF Heavy Equipment Shop Addition	Maintaining Aging Infrastructure	Expansion of the existing Heavy Equipment Shop for additional maintenance work bay, parts room, storage room and tool storage room. Also includes enclosing the outdoor oil storage area, adding one office, expanding break room, locker room and restrooms. Design is currently in progress.	\$2M-\$5M
North Transfer Station	Expanding /New Growth	New solid waste transfer station to serve the northern portion of the NTMWD Regional Solid Waste System.	\$26M-\$50M
121 RDF Fleet Maintenance Facility and Fleet Maintenance Annex Facility Improvements	Expanding /New Growth	Expansion of existing Maintenance Facility to include truck bays, maintenance office, parts room, restrooms, locker space and storage space. A portion of the building will be hardened as a staff refuge during inclement weather.	\$6M-\$15M

2022-23
UPCOMING BOND ISSUES

UPCOMING BOND ISSUES

System / Project	Type	Est Award	Amount
Regional Water System - 02/28/23 ECP Refunding & 23 Bonds			
Water System Maintenance Facilities for Central Region Phase II	Cnstr	Dec-21	\$ 14,838,222
Water System Maintenance Facilities for Central Region Phase II	Insp	Dec-21	293,720
Leonard WTP Terminal Storage Reservoir Phase II (210 MG)	Eng	Dec-21	1,838,800
Bois d'Arc Lake Raw Water PS Phase II	Eng	Dec-21	6,296,700
McKinney Delivery Point No. 3 to McKinney Delivery Point No. 4 Pipeline	ROW	Dec-21	10,700,000
Leonard WTP High Service PS - South	Eng	Jan-22	8,480,000
Waterline Relocations for TxDOT Road Improvements	Eng	Feb-22	3,899,200
Systemwide Air Valve Improvements - North System Phase II	Eng	Mar-22	439,305
Water Conveyance Pipelines Condition Assessment	Cnstr	Mar-22	2,929,069
Texoma Raw Water Pipeline Fiber Optic Improvements	Cnstr	Apr-22	7,297,990
Texoma Raw Water Pipeline Fiber Optic Improvements	Insp	Apr-22	276,000
Wylie WTP II, Structural and Mechanical Improvements Phase II	Cnstr	Aug-22	26,250,000
Future Water Supply Project - Permitting and Mitigation	Perm/Mit	Sep-22	8,350,000
Waterline Relocations for TxDOT Road Improvements	Prop	Sep-22	200,000
Hailey PS, Ground Storage Tank Rehab. and Site Improvements and Forney to Terrell PS Communications Tower	Cnstr	Oct-22	4,000,000
Hailey PS, Ground Storage Tank Rehab. and Site Improvements and Forney to Terrell PS Communications Tower	Insp	Oct-22	299,100
HSPS 2-2 and 2-3 Control Valve Improvements	Cnstr	Oct-22	8,024,000
HSPS 2-2 and 2-3 Control Valve Improvements	Insp	Oct-22	525,000
Additional Clearwells at Wylie WTP 2023	Cnstr	Nov-22	22,892,000
Additional Biologically Active Filtration	Cnstr	Nov-22	14,436,000
Wylie WTP III Outfall Improvements	Cnstr	Dec-22	3,500,000
Wylie WTP III Outfall Improvements	Insp	Dec-22	350,000
Wylie Water Treatment Plants (WTPs) I, II, III, and IV Filter Media Improvements	Eng	Dec-22	561,000
Texoma Pipeline Improvements Phase III	Eng	Jan-23	198,000
Systemwide Air Valve Improvements - North System Phase II	Cnstr	Jan-23	8,024,000
Wylie WTP Conversion to BAF	Cnstr	Jan-23	13,867,000
Wylie WTP Conversion to BAF	Cnstr	Jan-23	30,312,000
Raw Water PS No. 1 Improvements	Eng	Feb-23	400,000
McKinney Delivery Point No. 3 to McKinney Delivery Point No. 4 Pipeline	Cnstr	Feb-23	97,040,100
McKinney Delivery Point No. 3 to McKinney Delivery Point No. 4 Pipeline	Insp	Feb-23	3,750,000
Future Water Supply Project	Eng	Feb-23	35,400,000
North Garland System Ground Storage Tank	Cnstr	Feb-23	43,000,000
North Garland System Ground Storage Tank	Insp	Feb-23	800,000
Waterline Relocations for TxDOT Road Improvements	Cnstr	Feb-23	33,217,000
Waterline Relocations for TxDOT Road Improvements	Insp	Feb-23	550,000
Cooper Pipeline Extension	Eng	Mar-23	500,000
Wylie WTP II Control Valve Interconnect	Cnstr	Mar-23	300,000
36" Plano West Side Pipeline (to Plano No. 3 and Richardson No. 2)	Cnstr	Mar-23	20,768,000

System / Project	Type	Est Award	Amount
Regional Water System - 02/28/23 ECP Refunding & 23 Bonds (continued)			
36" Plano West Side Pipeline (to Plano No. 3 and Richardson No. 2)	Insp	Mar-23	\$ 700,000
Texoma PS 2019 Electrical Improvements Phase I	Cnstr	Mar-23	12,092,000
Texoma PS 2019 Electrical Improvements Phase I	Insp	Mar-23	700,000
Wylie WTPs I - IV, Filter Media Improvements	Cnstr	Apr-23	6,000,000
Wylie WTPs I - IV, Filter Media Improvements	Insp	Apr-23	350,000
Total Project Cost			\$ 454,644,206
Regional Wastewater System - 03/30/23 ECP Refunding			
Rowlett Creek RWWTP Train A Primary Clarifier Improvements	Cnstr	Nov-21	\$ 1,339,350
Rowlett Creek RWWTP Train A Primary Clarifier Improvements	Insp	Nov-21	84,000
Maintenance Facilities Central Region Phase II	Cnstr	Dec-21	2,782,167
Maintenance Facilities Central Region Phase II	Insp	Dec-21	55,073
Wilson Creek RWWTP Improve. - Primary Clarifier, UV, and Centrifuge Improve.	Eng	Feb-22	2,012,925
Floyd Branch RWWTP Peak Flow and UV Improvements	Eng	May-22	3,229,089
South Mesquite RWWTP Peak Flow Management and Expansion	Cnstr	Jun-22	11,944,463
South Mesquite RWWTP Peak Flow Management and Expansion	Insp	Jul-22	2,000,000
Rowlett Creek RWWTP Operations Building	Prop	Jul-22	2,200,000
Inspection Building	Eng	Jul-22	34,000
Lower East Fork Reg. Water Resource Recovery Facility	Prop	Oct-22	15,000,000
South Mesquite RWWTP Peak Flow Management and Expansion	Cnstr	Oct-22	7,600,000
Rowlett Creek RWWTP Operations Building	Cnstr	Nov-22	7,434,000
Rowlett Creek RWWTP Operations Building	Insp	Nov-22	496,000
South Mesquite RWWTP Peak Flow Management and Expansion	Eng	Nov-22	4,200,000
Floyd Branch RWWTP Peak Flow and UV Improvements	Cnstr	Dec-22	4,100,000
Floyd Branch RWWTP Peak Flow and UV Improvements	Insp	Dec-22	700,000
Rowlett Creek RWWTP Bridge Crane and Canopy	Eng	Feb-23	96,000
Wilson Creek RWWTP Improve. - Primary Clarifier, UV, and Centrifuge Improve.	Cnstr	Feb-23	7,000,000
Rowlett Creek RWWTP Peak Flow Mgmt. Phase IIA Solids Improvements	Cnstr	Mar-23	43,000,000
Rowlett Creek RWWTP Peak Flow Mgmt. Phase IIA Solids Improvements	Insp	Mar-23	3,000,000
Total Project Cost			\$ 118,307,067
Upper East Fork Interceptor System - 10/22/22			
McKinney East Side Extension Improvements	Cnstr	Oct-22	\$ 1,190,000
McKinney East Side Extension Improvements	Cnstr	Oct-22	18,600,000
McKinney East Side Extension Improvements	Insp	Oct-22	610,000
McKinney East Side Extension Improvements	Cnstr	Oct-22	2,700,000
US Highway 380 LS and Force Main	Eng	Dec-22	1,000,000
Plano Spring Creek LS No. 2 Pump Addition	Eng	Mar-23	404,000
Beck Branch LS Improvements, Prairie Creek LS Improvements and Renner Road LS HVAC Improvements	ROW	Apr-23	130,000
Total Project Cost			\$ 24,634,000

System / Project	Type	Est Award	Amount
Regional Solid Waste System - 11/30/22			
121 RDF Sectors 6B and 6C Mass Excavation	Cnstr	Nov-22	\$ 4,900,000
121 RDF Sectors 6B and 6C Mass Excavation	Insp	Nov-22	350,000
121 RDF Fleet Maintenance Facility and Fleet Maintenance Annex Facility	Cnstr	Mar-23	11,017,037
121 RDF Fleet Maintenance Facility and Fleet Maintenance Annex Facility	Insp	Mar-23	760,000
Parkway Transfer Station Conversion to Top Load	Cnstr	Jun-23	7,600,000
Parkway Transfer Station Conversion to Top Load	Insp	Jun-23	850,000
Total Project Cost			\$ 25,477,037
Muddy Creek Wastewater Treatment Plan - 06/30/23			
Muddy Creek WWTP Operations Building Improvements	Cnstr	Jun-23	\$ 1,680,000
Muddy Creek WWTP Operations Building Improvements	Eng	Jun-23	750,000
Muddy Creek WWTP Operations Building Improvements	Cnstr	Jun-23	105,000
Muddy Creek WWTP Peak Flow, UV and Filter Improvements	Eng	Jun-23	50,000,000
Muddy Creek WWTP Peak Flow, UV and Filter Improvements	Cnstr	Jun-23	4,500,000
Total Project Cost			\$ 57,035,000
Forney Mustang Creek Interceptor - 06/30/23			
Forney Mustang Creek LS Phase II and Forney Mustang Creek Parallel FM	Cnstr	Jun-23	\$ 22,400,000
Forney Mustang Creek LS Phase II and Forney Mustang Creek Parallel FM	Insp	Jun-23	977,000
Forney Mustang Creek LS Phase II and Forney Mustang Creek Parallel FM	Cnstr	Jun-23	1,120,000
Forney Mustang Creek Interceptor System Capacity Assessment and Assurance 2024	Eng	Oct-23	632,000
Total Project Cost			\$ 25,129,000
Grand Total			\$ 705,226,310

2022-23
DEBT AMORTIZATION SCHEDULES

OUTSTANDING DEBT SUMMARY

System	Final Maturity	Future Debt Service Requirements				Bond Credit Ratings	
		Original Par Amount	Principal	Interest	Total	Moody's	S&P
RWS	9/1/51	\$2,879,030,000	\$2,539,205,000	\$1,111,915,203	\$3,651,120,203	Aa1	AAA
RWWS	6/1/51	947,895,000	852,425,000	184,800,308	1,037,225,308	Aa2	AAA
RSWS	9/1/41	65,210,000	49,905,000	13,962,288	63,867,288	Aa2	AA+
UEFIS	6/1/51	449,125,000	369,825,000	141,131,741	510,956,741	Aa1	AAA
Buffalo Creek Interceptor	6/1/52	86,095,000	77,440,000	28,610,700	106,050,700	A1	AA
Little Elm WTF	6/1/23	3,555,000	405,000	8,100	413,100	Aa2	
Lower East Fork Interceptor	6/1/26	10,745,000	4,820,000	404,300	5,224,300	Aa2	AA
Muddy Creek Interceptor	6/1/24	2,135,000	490,000	22,200	512,200		AA
Muddy Creek WWTP	6/1/40	32,630,000	19,615,000	5,014,550	24,629,550	A1	AA
Mustang Creek Interceptor	6/1/50	34,455,000	30,735,000	15,083,688	45,818,688	A1	A+
Panther Creek WWTP	6/1/40	36,190,000	22,140,000	4,350,800	26,490,800	Aa3	AA-
Parker Creek Interceptor	6/1/23	2,615,000	210,000	10,763	220,763	A2	AA
Parker Creek Parallel Interceptor	6/1/36	3,045,000	2,335,000	515,588	2,850,588		A
South Rockwall Creek WWTP	6/1/28	2,960,000	1,230,000	259,038	1,489,038	A1	AA
Rockwall Water Pump Station Facilities	6/1/26	2,145,000	610,000	71,700	681,700	A1	AA
Rockwall-Heath Water Storage Facilities	6/1/25	3,020,000	645,000	55,358	700,358	A1	AA
Sabine Creek Interceptor	6/1/23	2,115,000	170,000	8,713	178,713	A2	A
Sabine Creek WWTP	6/1/42	101,710,000	94,105,000	70,984,870	165,089,870	A2	A
Stewart Creek West WWTP	6/1/35	65,845,000	47,980,000	13,999,025	61,979,025	Aa3	AA-
Terrell Water Transmission Facilities	6/1/35	10,465,000	7,565,000	2,204,363	9,769,363		A
Total		<u>\$4,740,985,000</u>	<u>\$4,121,855,000</u>	<u>\$1,593,413,292</u>	<u>\$5,715,268,292</u>		

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, 2022

Fiscal Year	Interest Rate of Maturing Bonds	September 1 Principal	March 1 Interest	September 1 Interest	Total
2023	1.230-5.250	\$ 96,875,000.00	\$ 44,466,812.88	\$ 44,466,812.88	\$ 185,808,625.76
2024	1.340-5.000	100,215,000.00	42,764,453.63	42,764,453.63	185,743,907.26
2025	1.480-5.000	98,995,000.00	40,992,237.13	40,992,237.13	180,979,474.26
2026	1.580-5.000	101,595,000.00	39,227,172.88	39,227,172.88	180,049,345.76
2027	1.680-5.000	105,495,000.00	37,320,014.38	37,320,014.38	180,135,028.76
2028	1.850-5.000	106,525,000.00	35,315,699.88	35,315,699.88	177,156,399.76
2029	2.060-5.000	109,690,000.00	33,327,407.38	33,327,407.38	176,344,814.76
2030	2.250-5.000	113,000,000.00	31,224,159.13	31,224,159.13	175,448,318.26
2031	2.430-5.000	118,480,000.00	29,298,234.13	29,298,234.13	177,076,468.26
2032	2.530-5.000	123,280,000.00	27,053,590.38	27,053,590.38	177,387,180.76
2033	2.610-5.000	105,630,000.00	24,817,271.13	24,817,271.13	155,264,542.26
2034	2.680-5.000	109,550,000.00	22,853,376.88	22,853,376.88	155,256,753.76
2035	2.730-5.000	108,345,000.00	20,823,242.88	20,823,242.88	149,991,485.76
2036	2.770-5.000	95,355,000.00	18,808,466.38	18,808,466.38	132,971,932.76
2037	2.000-5.000	91,880,000.00	17,127,378.63	17,127,378.63	126,134,757.26
2038	2.000-4.000	95,015,000.00	15,600,353.88	15,600,353.88	126,215,707.76
2039	2.000-4.000	91,585,000.00	14,085,708.63	14,085,708.63	119,756,417.26
2040	2.000-4.000	88,545,000.00	12,610,569.38	12,610,569.38	113,766,138.76
2041	3.000-4.000	84,985,000.00	11,169,678.38	11,169,678.38	107,324,356.76
2042	2.375-4.000	87,860,000.00	9,744,803.13	9,744,803.13	107,349,606.26
2043	2.375-4.000	90,845,000.00	8,277,249.25	8,277,249.25	107,399,498.50
2044	2.375-4.000	93,935,000.00	6,758,152.63	6,758,152.63	107,451,305.26
2045	2.375-4.000	89,750,000.00	5,185,461.76	5,185,461.76	100,120,923.52
2046	2.375-4.000	92,710,000.00	3,704,376.63	3,704,376.63	100,118,753.26
2047	2.450-3.430	80,815,000.00	2,174,024.00	2,174,024.00	85,163,048.00
2048	2.450-3.430	39,770,000.00	890,918.75	890,918.75	41,551,837.50
2049	2.450-3.000	13,825,000.00	250,915.00	250,915.00	14,326,830.00
2050	2.450	2,300,000.00	57,023.75	57,023.75	2,414,047.50
2051	2.450	2,355,000.00	28,848.75	28,848.75	2,412,697.50
		<u>\$ 2,539,205,000.00</u>	<u>\$ 555,957,601.62</u>	<u>\$ 555,957,601.62</u>	<u>\$ 3,651,120,203.24</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, 2022

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2023	3.000-5.000	\$ 22,345,000.00	\$ 7,275,810.88	\$ 7,275,810.88	\$ 36,896,621.76
2024	3.000-5.000	22,525,000.00	6,944,098.38	6,944,098.38	36,413,196.76
2025	3.000-5.000	24,195,000.00	6,610,410.88	6,610,410.88	37,415,821.76
2026	3.000-5.000	28,855,000.00	6,247,570.26	6,247,570.26	41,350,140.52
2027	3.000-5.000	34,080,000.00	5,883,232.76	5,883,232.76	45,846,465.52
2028	3.000-5.000	34,795,000.00	5,525,664.01	5,525,664.01	45,846,328.02
2029	3.000-5.000	32,175,000.00	5,151,551.51	5,151,551.51	42,478,103.02
2030	3.125-5.000	30,245,000.00	4,844,473.38	4,844,473.38	39,933,946.76
2031	3.000-5.000	30,760,000.00	4,580,354.63	4,580,354.63	39,920,709.26
2032	3.125-5.000	30,285,000.00	4,325,885.88	4,325,885.88	38,936,771.76
2033	3.250-5.000	30,800,000.00	4,083,042.14	4,083,042.14	38,966,084.28
2034	3.375-5.000	29,575,000.00	3,828,895.26	3,828,895.26	37,232,790.52
2035	3.375-5.000	30,095,000.00	3,590,648.38	3,590,648.38	37,276,296.76
2036	2.000-5.000	30,640,000.00	3,342,229.63	3,342,229.63	37,324,459.26
2037	2.000-4.500	31,220,000.00	3,101,567.13	3,101,567.13	37,423,134.26
2038	2.000-4.500	31,820,000.00	2,867,742.13	2,867,742.13	37,555,484.26
2039	2.125-4.500	32,465,000.00	2,623,035.88	2,623,035.88	37,711,071.76
2040	2.125-5.000	33,120,000.00	2,377,148.39	2,377,148.39	37,874,296.78
2041	0.020-5.000	33,815,000.00	2,111,273.38	2,111,273.38	38,037,546.76
2042	0.020-5.000	34,540,000.00	1,840,013.64	1,840,013.64	38,220,027.28
2043	0.050-4.000	35,310,000.00	1,554,358.39	1,554,358.39	38,418,716.78
2044	0.080-4.000	36,105,000.00	1,266,059.26	1,266,059.26	38,637,118.52
2045	0.100-4.000	36,940,000.00	955,832.76	955,832.76	38,851,665.52
2046	0.110-4.000	34,655,000.00	639,020.63	639,020.63	35,933,041.26
2047	0.120-3.750	27,565,000.00	370,942.38	370,942.38	28,306,884.76
2048	0.130-3.250	24,630,000.00	231,813.13	231,813.13	25,093,626.26
2049	0.140-3.250	24,935,000.00	149,695.88	149,695.88	25,234,391.76
2050	0.150-2.500	22,780,000.00	64,067.50	64,067.50	22,908,135.00
2051	2.375	1,155,000.00	13,715.63	13,715.63	1,182,431.26
		<u>\$ 852,425,000.00</u>	<u>\$ 92,400,154.09</u>	<u>\$ 92,400,154.09</u>	<u>\$ 1,037,225,308.18</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, 2022

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2023	3.000-6.250	\$ 15,330,000.00	\$ 6,623,983.77	\$ 6,623,983.77	\$ 28,577,967.54
2024	4.000-5.500	16,095,000.00	6,259,358.77	6,259,358.77	28,613,717.54
2025	4.000-5.500	15,685,000.00	5,868,146.27	5,868,146.27	27,421,292.54
2026	3.000-5.000	17,620,000.00	5,494,233.77	5,494,233.77	28,608,467.54
2027	3.000-5.000	19,585,000.00	5,082,133.77	5,082,133.77	29,749,267.54
2028	3.000-5.000	20,545,000.00	4,622,371.27	4,622,371.27	29,789,742.54
2029	3.000-5.000	19,255,000.00	4,151,483.77	4,151,483.77	27,557,967.54
2030	3.000-5.000	16,200,000.00	3,711,083.77	3,711,083.77	23,622,167.54
2031	3.000-5.000	16,880,000.00	3,394,352.52	3,394,352.52	23,668,705.04
2032	3.000-5.000	17,605,000.00	3,055,427.52	3,055,427.52	23,715,855.04
2033	3.000-5.000	14,920,000.00	2,739,683.76	2,739,683.76	20,399,367.52
2034	3.000-5.000	15,515,000.00	2,481,765.01	2,481,765.01	20,478,530.02
2035	2.000-5.000	16,125,000.00	2,212,165.01	2,212,165.01	20,549,330.02
2036	2.000-5.000	14,495,000.00	1,935,225.01	1,935,225.01	18,365,450.02
2037	2.000-4.000	12,090,000.00	1,691,187.51	1,691,187.51	15,472,375.02
2038	2.000-3.000	8,190,000.00	1,519,965.63	1,519,965.63	11,229,931.26
2039	2.000-3.000	8,390,000.00	1,424,890.63	1,424,890.63	11,239,781.26
2040	2.000-3.000	8,595,000.00	1,325,846.88	1,325,846.88	11,246,693.76
2041	2.125-3.000	8,835,000.00	1,224,271.88	1,224,271.88	11,283,543.76
2042	2.125-3.000	9,075,000.00	1,115,996.88	1,115,996.88	11,306,993.76
2043	2.125-3.000	9,325,000.00	1,004,634.38	1,004,634.38	11,334,268.76
2044	2.250-3.000	9,595,000.00	886,740.63	886,740.63	11,368,481.26
2045	2.250-3.000	9,875,000.00	763,046.88	763,046.88	11,401,093.76
2046	2.250-3.000	10,160,000.00	635,634.38	635,634.38	11,431,268.76
2047	2.375-3.000	9,195,000.00	504,421.88	504,421.88	10,203,843.76
2048	2.375-3.000	9,450,000.00	385,793.75	385,793.75	10,221,587.50
2049	2.375-3.000	9,720,000.00	263,796.88	263,796.88	10,247,593.76
2050	2.375-2.500	7,265,000.00	138,234.38	138,234.38	7,541,468.76
2051	2.375	4,210,000.00	49,993.75	49,993.75	4,309,987.50
		<u>\$369,825,000.00</u>	<u>\$ 70,565,870.31</u>	<u>\$ 70,565,870.31</u>	<u>\$510,956,740.62</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, 2022

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2023	1.100-5.000	\$ 1,800,000.00	\$ 891,374.50	\$ 880,967.25	\$ 3,572,341.75
2024	1.100-4.000	1,875,000.00	842,617.25	842,617.25	3,560,234.50
2025	1.100-4.000	1,835,000.00	815,017.25	815,017.25	3,465,034.50
2026	1.100-4.000	2,240,000.00	791,092.25	791,092.25	3,822,184.50
2027	1.100-4.000	2,295,000.00	764,409.75	764,409.75	3,823,819.50
2028	1.100-4.000	2,145,000.00	736,847.25	736,847.25	3,618,694.50
2029	1.100-4.000	2,190,000.00	711,502.25	711,502.25	3,613,004.50
2030	1.140-4.000	2,250,000.00	684,377.25	684,377.25	3,618,754.50
2031	1.190-4.000	2,300,000.00	656,036.75	656,036.75	3,612,073.50
2032	1.240-4.000	2,350,000.00	635,565.75	635,565.75	3,621,131.50
2033	1.430-3.000	2,405,000.00	614,237.75	614,237.75	3,633,475.50
2034	1.580-3.000	2,460,000.00	592,397.00	592,397.00	3,644,794.00
2035	1.710-3.000	2,520,000.00	569,119.50	569,119.50	3,658,239.00
2036	1.820-3.000	2,570,000.00	544,424.75	544,424.75	3,658,849.50
2037	1.920-3.000	2,630,000.00	518,538.25	518,538.25	3,667,076.50
2038	1.990-3.000	2,685,000.00	491,379.25	491,379.25	3,667,758.50
2039	2.000-3.000	2,745,000.00	463,170.00	463,170.00	3,671,340.00
2040	2.000-3.000	2,805,000.00	433,868.00	433,868.00	3,672,736.00
2041	2.000-3.000	2,870,000.00	403,567.25	403,567.25	3,677,134.50
2042	2.000-3.000	2,940,000.00	372,061.75	372,061.75	3,684,123.50
2043	2.000-3.000	3,020,000.00	339,351.75	339,351.75	3,698,703.50
2044	2.000-2.750	3,090,000.00	305,457.75	305,457.75	3,700,915.50
2045	2.000-2.750	3,170,000.00	270,898.75	270,898.75	3,711,797.50
2046	2.000-2.750	3,245,000.00	235,141.25	235,141.25	3,715,282.50
2047	2.000-2.750	3,330,000.00	198,318.00	198,318.00	3,726,636.00
2048	2.000-2.750	3,410,000.00	160,289.25	160,289.25	3,730,578.50
2049	2.460	3,505,000.00	121,186.00	121,186.00	3,747,372.00
2050	2.480	3,195,000.00	80,821.00	80,821.00	3,356,642.00
2051	2.500	1,760,000.00	44,743.00	44,743.00	1,849,486.00
2052	2.520	1,805,000.00	22,743.00	22,743.00	1,850,486.00
		<u>\$ 77,440,000.00</u>	<u>\$ 14,310,553.50</u>	<u>\$ 14,300,146.25</u>	<u>\$ 106,050,699.75</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

LITTLE ELM WATER TRANSMISSION FACILITIES REVENUE BONDS

September 30, 2022

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2023	2.000	\$ 405,000.00	\$ 4,050.00	\$ 4,050.00	\$ 413,100.00
		<u>\$ 405,000.00</u>	<u>\$ 4,050.00</u>	<u>\$ 4,050.00</u>	<u>\$ 413,100.00</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**LOWER EAST FORK INTERCEPTOR REVENUE BONDS**

September 30, 2022

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2023	4.000	\$ 1,125,000.00	\$ 83,825.00	\$ 83,825.00	\$ 1,292,650.00
2024	4.000	1,180,000.00	61,325.00	61,325.00	1,302,650.00
2025	3.000	1,230,000.00	37,725.00	37,725.00	1,305,450.00
2026	3.000	1,285,000.00	19,275.00	19,275.00	1,323,550.00
		<u>\$ 4,820,000.00</u>	<u>\$ 202,150.00</u>	<u>\$ 202,150.00</u>	<u>\$ 5,224,300.00</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, 2022

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2023	3.000-5.000	\$ 2,430,000.00	\$ 326,800.00	\$ 326,800.00	\$ 3,083,600.00
2024	3.000-4.000	1,325,000.00	275,325.00	275,325.00	1,875,650.00
2025	2.875-4.000	1,375,000.00	253,600.00	253,600.00	1,882,200.00
2026	2.750-4.000	1,430,000.00	231,281.25	231,281.25	1,892,562.50
2027	4.000	810,000.00	205,087.50	205,087.50	1,220,175.00
2028	4.000	845,000.00	188,887.50	188,887.50	1,222,775.00
2029	3.000-4.000	875,000.00	171,987.50	171,987.50	1,218,975.00
2030	4.000	910,000.00	156,612.50	156,612.50	1,223,225.00
2031	3.000-4.000	945,000.00	138,412.50	138,412.50	1,221,825.00
2032	3.000-3.500	970,000.00	121,787.50	121,787.50	1,213,575.00
2033	3.000	1,005,000.00	105,987.50	105,987.50	1,216,975.00
2034	2.500-3.000	1,035,000.00	90,912.50	90,912.50	1,216,825.00
2035	2.000-3.125	1,065,000.00	76,725.00	76,725.00	1,218,450.00
2036	2.500-3.250	1,095,000.00	63,178.13	63,178.13	1,221,356.26
2037	2.500-3.250	1,125,000.00	47,503.13	47,503.13	1,220,006.26
2038	2.500-3.375	1,155,000.00	31,396.88	31,396.88	1,217,793.76
2039	2.375	605,000.00	14,487.50	14,487.50	633,975.00
2040	2.375	615,000.00	7,303.13	7,303.13	629,606.26
		<u>\$19,615,000.00</u>	<u>\$ 2,507,275.02</u>	<u>\$ 2,507,275.02</u>	<u>\$24,629,550.04</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 INTERCEPTOR SYSTEM REVENUE BONDS**

September 30, 2022

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2023	3.000	\$ 240,000.00	\$ 7,350.00	\$ 7,350.00	\$ 254,700.00
2024	3.000	250,000.00	3,750.00	3,750.00	257,500.00
		<u>\$ 490,000.00</u>	<u>\$ 11,100.00</u>	<u>\$ 11,100.00</u>	<u>\$ 512,200.00</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

MUSTANG CREEK INTERCEPTOR REVENUE BONDS

September 30, 2022

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2023	3.000-5.125	\$ 770,000.00	\$ 540,815.64	\$ 540,815.64	\$ 1,851,631.28
2024	3.000-5.125	800,000.00	522,353.14	522,353.14	1,844,706.28
2025	4.000-5.125	840,000.00	503,134.39	503,134.39	1,846,268.78
2026	3.000-5.125	880,000.00	482,456.26	482,456.26	1,844,912.52
2027	3.000-5.000	915,000.00	465,568.76	465,568.76	1,846,137.52
2028	3.000-5.000	960,000.00	446,368.76	446,368.76	1,852,737.52
2029	3.000-4.000	1,000,000.00	426,218.76	426,218.76	1,852,437.52
2030	3.000-4.000	1,045,000.00	408,493.76	408,493.76	1,861,987.52
2031	3.000-4.000	1,090,000.00	389,993.76	389,993.76	1,869,987.52
2032	3.000-4.000	1,130,000.00	370,218.76	370,218.76	1,870,437.52
2033	3.000-4.000	1,180,000.00	349,718.76	349,718.76	1,879,437.52
2034	3.000-3.375	1,230,000.00	328,056.26	328,056.26	1,886,112.52
2035	2.500-3.375	1,280,000.00	308,781.26	308,781.26	1,897,562.52
2036	2.500-3.500	1,325,000.00	289,046.89	289,046.89	1,903,093.78
2037	2.625-3.500	1,375,000.00	268,309.39	268,309.39	1,911,618.78
2038	2.625-3.500	1,425,000.00	246,671.89	246,671.89	1,918,343.78
2039	2.750-3.625	1,485,000.00	223,765.63	223,765.63	1,932,531.26
2040	2.750-3.625	1,535,000.00	199,431.25	199,431.25	1,933,862.50
2041	3.000-3.625	1,600,000.00	173,768.75	173,768.75	1,947,537.50
2042	3.000-3.625	1,660,000.00	146,806.25	146,806.25	1,953,612.50
2043	3.000-3.375	1,040,000.00	118,818.75	118,818.75	1,277,637.50
2044	3.000-3.375	1,075,000.00	101,587.50	101,587.50	1,278,175.00
2045	3.000-3.375	1,110,000.00	83,775.00	83,775.00	1,277,550.00
2046	3.000-3.375	1,150,000.00	65,381.25	65,381.25	1,280,762.50
2047	3.000-3.375	1,190,000.00	46,321.88	46,321.88	1,282,643.76
2048	3.000-3.375	1,230,000.00	26,606.25	26,606.25	1,283,212.50
2049	3.000	205,000.00	6,225.00	6,225.00	217,450.00
2050	3.000	210,000.00	3,150.00	3,150.00	216,300.00
		<u>\$30,735,000.00</u>	<u>\$ 7,541,843.95</u>	<u>\$ 7,541,843.95</u>	<u>\$45,818,687.90</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, 2022

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2023	4.000-5.000	\$ 3,315,000.00	\$ 507,703.13	\$ 507,703.13	\$ 4,330,406.26
2024	4.000-5.000	3,480,000.00	425,803.13	425,803.13	4,331,606.26
2025	4.000-5.000	3,640,000.00	339,828.13	339,828.13	4,319,656.26
2026	4.000-5.000	3,810,000.00	249,878.13	249,878.13	4,309,756.26
2027	4.000-5.000	1,465,000.00	155,728.13	155,728.13	1,776,456.26
2028	4.000-5.000	1,535,000.00	120,253.13	120,253.13	1,775,506.26
2029	4.000	1,605,000.00	83,053.13	83,053.13	1,771,106.26
2030	4.000	255,000.00	50,953.13	50,953.13	356,906.26
2031	4.000	265,000.00	45,853.13	45,853.13	356,706.26
2032	4.000	275,000.00	40,553.13	40,553.13	356,106.26
2033	4.000	280,000.00	35,053.13	35,053.13	350,106.26
2034	3.000	290,000.00	29,453.13	29,453.13	348,906.26
2035	2.500	300,000.00	25,103.13	25,103.13	350,206.26
2036	2.500	305,000.00	21,353.13	21,353.13	347,706.26
2037	2.625	315,000.00	17,540.63	17,540.63	350,081.26
2038	2.625	325,000.00	13,406.25	13,406.25	351,812.50
2039	2.625	335,000.00	9,140.63	9,140.63	353,281.26
2040	2.750	345,000.00	4,743.75	4,743.75	354,487.50
		<u>\$22,140,000.00</u>	<u>\$ 2,175,400.08</u>	<u>\$ 2,175,400.08</u>	<u>\$26,490,800.16</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 INTERCEPTOR REVENUE BONDS**

September 30, 2022

<u>Fiscal Year</u>	<u>Interest Rate of Maturing Bonds</u>	<u>June 1 Principal</u>	<u>December 1 Interest</u>	<u>June 1 Interest</u>	<u>Total</u>
2023	5.125	\$ 210,000.00	\$ 5,381.25	\$ 5,381.25	\$ 220,762.50
		<u>\$ 210,000.00</u>	<u>\$ 5,381.25</u>	<u>\$ 5,381.25</u>	<u>\$ 220,762.50</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, 2022

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2023	2.000	\$ 125,000.00	\$ 30,278.13	\$ 30,278.13	\$ 185,556.26
2024	2.000	135,000.00	29,028.13	29,028.13	193,056.26
2025	3.000	140,000.00	27,678.13	27,678.13	195,356.26
2026	3.000	145,000.00	25,578.13	25,578.13	196,156.26
2027	2.000	150,000.00	23,403.13	23,403.13	196,806.26
2028	2.125	155,000.00	21,903.13	21,903.13	198,806.26
2029	2.250	160,000.00	20,256.25	20,256.25	200,512.50
2030	2.375	170,000.00	18,456.25	18,456.25	206,912.50
2031	2.500	175,000.00	16,437.50	16,437.50	207,875.00
2032	2.500	180,000.00	14,250.00	14,250.00	208,500.00
2033	3.000	190,000.00	12,000.00	12,000.00	214,000.00
2034	3.000	195,000.00	9,150.00	9,150.00	213,300.00
2035	3.000	205,000.00	6,225.00	6,225.00	217,450.00
2036	3.000	210,000.00	3,150.00	3,150.00	216,300.00
		<u>\$ 2,335,000.00</u>	<u>\$ 257,793.78</u>	<u>\$ 257,793.78</u>	<u>\$ 2,850,587.56</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, 2022

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2023	5.750	\$ 175,000.00	\$ 35,362.50	\$ 35,362.50	\$ 245,725.00
2024	5.750	190,000.00	30,331.25	30,331.25	250,662.50
2025	5.750	200,000.00	24,868.75	24,868.75	249,737.50
2026	5.750	210,000.00	19,118.75	19,118.75	248,237.50
2027	5.750	220,000.00	13,081.25	13,081.25	246,162.50
2028	5.750	235,000.00	6,756.25	6,756.25	248,512.50
		<u>\$ 1,230,000.00</u>	<u>\$ 129,518.75</u>	<u>\$ 129,518.75</u>	<u>\$ 1,489,037.50</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, 2022

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2023	4.500	\$ 140,000.00	\$ 13,922.50	\$ 13,922.50	\$ 167,845.00
2024	4.550	150,000.00	10,772.50	10,772.50	171,545.00
2025	4.600	155,000.00	7,360.00	7,360.00	169,720.00
2026	4.600	165,000.00	3,795.00	3,795.00	172,590.00
		<u>\$ 610,000.00</u>	<u>\$ 35,850.00</u>	<u>\$ 35,850.00</u>	<u>\$ 681,700.00</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, 2022

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2023	4.200	\$ 205,000.00	\$ 13,601.25	\$ 13,601.25	\$ 232,202.50
2024	4.200	215,000.00	9,296.25	9,296.25	233,592.50
2025	4.250	225,000.00	4,781.25	4,781.25	234,562.50
		<u>\$ 645,000.00</u>	<u>\$ 27,678.75</u>	<u>\$ 27,678.75</u>	<u>\$ 700,357.50</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, 2022

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2023	3.000-4.000	\$ 1,295,000.00	\$ 187,978.13	\$ 2,677,766.31	\$ 4,160,744.44
2024	4.000	640,000.00	1,965,325.01	1,965,325.01	4,570,650.02
2025	4.000	660,000.00	1,952,525.01	1,952,525.01	4,565,050.02
2026	3.500-5.000	2,275,000.00	1,939,325.01	1,939,325.01	6,153,650.02
2027	2.250-5.000	2,370,000.00	1,887,300.01	1,887,300.01	6,144,600.02
2028	2.375-5.000	2,475,000.00	1,836,631.26	1,836,631.26	6,148,262.52
2029	2.500-5.000	2,585,000.00	1,783,200.01	1,783,200.01	6,151,400.02
2030	3.000-5.000	2,695,000.00	1,726,862.51	1,726,862.51	6,148,725.02
2031	2.000-5.000	2,810,000.00	1,666,437.51	1,666,437.51	6,142,875.02
2032	2.000-5.000	2,930,000.00	1,604,837.51	1,604,837.51	6,139,675.02
2033	2.000-5.000	3,065,000.00	1,540,462.51	1,540,462.51	6,145,925.02
2034	2.000-5.000	3,200,000.00	1,472,987.51	1,472,987.51	6,145,975.02
2035	2.125-5.000	3,345,000.00	1,402,412.51	1,402,412.51	6,149,825.02
2036	2.125-4.000	3,495,000.00	1,328,431.26	1,328,431.26	6,151,862.52
2037	2.250-4.000	2,860,000.00	1,263,871.88	1,263,871.88	5,387,743.76
2038	2.250-4.000	2,975,000.00	1,208,246.88	1,208,246.88	5,391,493.76
2039	2.250-4.000	3,090,000.00	1,150,365.63	1,150,365.63	5,390,731.26
2040	2.375-4.000	3,205,000.00	1,090,228.13	1,090,228.13	5,385,456.26
2041	2.500-4.000	3,335,000.00	1,027,671.88	1,027,671.88	5,390,343.76
2042	2.500-4.125	3,470,000.00	962,434.38	962,434.38	5,394,868.76
2043	4.250	3,400,000.00	892,531.25	892,531.25	5,185,062.50
2044	4.250	3,540,000.00	820,281.25	820,281.25	5,180,562.50
2045	4.250	3,695,000.00	745,056.25	745,056.25	5,185,112.50
2046	4.250	3,850,000.00	666,537.50	666,537.50	5,183,075.00
2047	4.250	4,015,000.00	584,725.00	584,725.00	5,184,450.00
2048	4.375	4,185,000.00	499,406.25	499,406.25	5,183,812.50
2049	4.375	4,365,000.00	407,859.38	407,859.38	5,180,718.76
2050	4.375	4,560,000.00	312,375.00	312,375.00	5,184,750.00
2051	4.375	4,755,000.00	212,625.00	212,625.00	5,180,250.00
2052	4.375	4,965,000.00	108,609.38	108,609.38	5,182,218.76
		<u>\$ 94,105,000.00</u>	<u>\$ 34,247,540.80</u>	<u>\$ 36,737,328.98</u>	<u>\$ 165,089,869.78</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 INTERCEPTOR REVENUE BONDS**

September 30, 2022

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2023	5.125	\$ 170,000.00	\$ 4,356.25	\$ 4,356.25	\$ 178,712.50
		<u>\$ 170,000.00</u>	<u>\$ 4,356.25</u>	<u>\$ 4,356.25</u>	<u>\$ 178,712.50</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, 2022

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2023	5.000	\$ 2,780,000	\$ 945,468.75	\$ 945,468.75	\$ 4,670,937.50
2024	5.000	2,890,000.00	875,968.75	875,968.75	4,641,937.50
2025	5.000	3,005,000.00	803,718.75	803,718.75	4,612,437.50
2026	3.000	3,125,000.00	728,593.75	728,593.75	4,582,187.50
2027	3.000	3,280,000.00	681,718.75	681,718.75	4,643,437.50
2028	5.000	3,445,000.00	632,518.75	632,518.75	4,710,037.50
2029	3.000	3,615,000.00	546,393.75	546,393.75	4,707,787.50
2030	4.000	3,800,000.00	492,168.75	492,168.75	4,784,337.50
2031	4.000	3,990,000.00	416,168.75	416,168.75	4,822,337.50
2032	3.375	4,190,000.00	336,368.75	336,368.75	4,862,737.50
2033	4.000	4,395,000.00	265,662.50	265,662.50	4,926,325.00
2034	3.500	4,615,000.00	177,762.50	177,762.50	4,970,525.00
2035	4.000	4,850,000.00	97,000.00	97,000.00	5,044,000.00
		<u>\$47,980,000.00</u>	<u>\$ 6,999,512.50</u>	<u>\$ 6,999,512.50</u>	<u>\$61,979,025.00</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, 2022

Fiscal Year	Interest Rate of Maturing Bonds	June 1 Principal	December 1 Interest	June 1 Interest	Total
2023	3.750	\$ 455,000.00	\$ 140,440.63	\$ 140,440.63	\$ 735,881.26
2024	4.000	475,000.00	131,909.38	131,909.38	738,818.76
2025	4.000	495,000.00	122,409.38	122,409.38	739,818.76
2026	3.000	520,000.00	112,509.38	112,509.38	745,018.76
2027	3.000	535,000.00	104,709.38	104,709.38	744,418.76
2028	3.250	555,000.00	96,684.38	96,684.38	748,368.76
2029	3.250	575,000.00	87,665.63	87,665.63	750,331.26
2030	3.250	600,000.00	78,321.88	78,321.88	756,643.76
2031	3.375	620,000.00	68,571.88	68,571.88	757,143.76
2032	3.375	645,000.00	58,109.38	58,109.38	761,218.76
2033	3.500	670,000.00	47,225.00	47,225.00	764,450.00
2034	5.000	695,000.00	35,500.00	35,500.00	766,000.00
2035	5.000	725,000.00	18,125.00	18,125.00	761,250.00
		<u>\$ 7,565,000.00</u>	<u>\$ 1,102,181.30</u>	<u>\$ 1,102,181.30</u>	<u>\$ 9,769,362.60</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, 2022

Fiscal Year	Interest Rate of Maturing Bonds	September 1 Principal	March 1 Interest	September 1 Interest	Total
2023	4.000-5.000	\$ 3,705,000.00	\$ 1,005,315.63	\$ 1,005,315.63	\$ 5,715,631.26
2024	5.000	3,870,000.00	916,990.63	916,990.63	5,703,981.26
2025	5.000	4,045,000.00	820,240.63	820,240.63	5,685,481.26
2026	5.000	4,225,000.00	719,115.63	719,115.63	5,663,231.26
2027	5.000	3,865,000.00	613,490.63	613,490.63	5,091,981.26
2028	3.000-5.000	4,025,000.00	516,865.63	516,865.63	5,058,731.26
2029	3.000-5.000	2,535,000.00	433,740.63	433,740.63	3,402,481.26
2030	3.000-4.000	2,640,000.00	390,540.63	390,540.63	3,421,081.26
2031	3.000-4.000	2,745,000.00	348,715.63	348,715.63	3,442,431.26
2032	3.000-4.000	2,860,000.00	304,962.50	304,962.50	3,469,925.00
2033	3.000-3.500	2,965,000.00	258,534.38	258,534.38	3,482,068.76
2034	3.000-3.625	3,085,000.00	211,553.13	211,553.13	3,508,106.26
2035	3.125-3.625	3,200,000.00	161,534.38	161,534.38	3,523,068.76
2036	3.125-3.625	2,295,000.00	108,578.13	108,578.13	2,512,156.26
2037	3.125-4.000	1,875,000.00	70,665.63	70,665.63	2,016,331.26
2038	4.000	465,000.00	39,400.00	39,400.00	543,800.00
2039	4.000	485,000.00	30,100.00	30,100.00	545,200.00
2040	4.000	500,000.00	20,400.00	20,400.00	540,800.00
2041	4.000	520,000.00	10,400.00	10,400.00	540,800.00
		<u>\$ 49,905,000.00</u>	<u>\$ 6,981,143.82</u>	<u>\$ 6,981,143.82</u>	<u>\$ 63,867,287.64</u>

The bonds bear interest payable March 1 and September 1 of each year with principal due September 1 of each year.

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

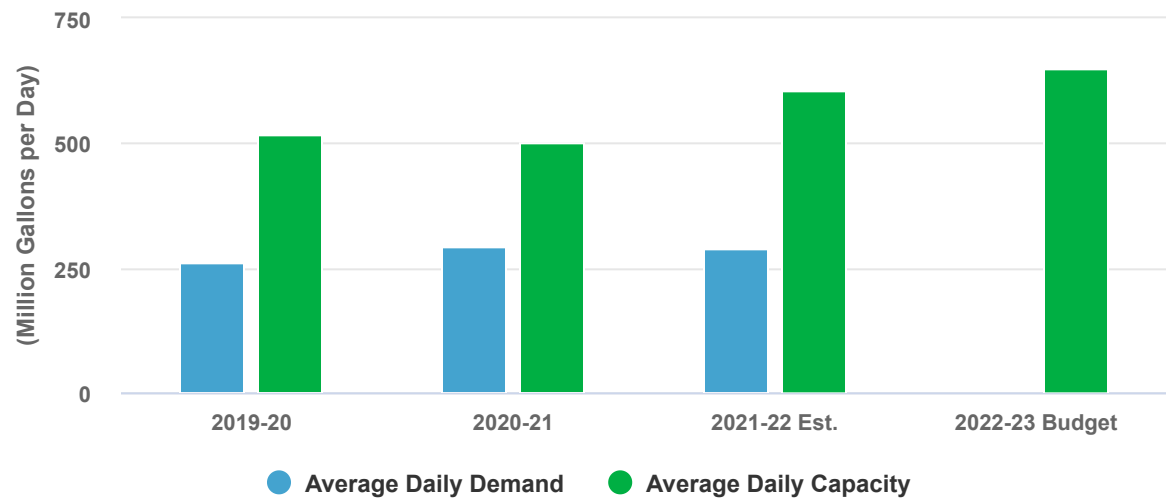
Goal:	Produce high quality drinking water by meeting or exceeding all TCEQ standards and NTMWD treatment goals, including maintaining an average annual total chlorine residual above 3 mg/L and achieving the optimized targets for pH, alkalinity and calcium identified in the NTMWD Corrosion Control Study.
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.

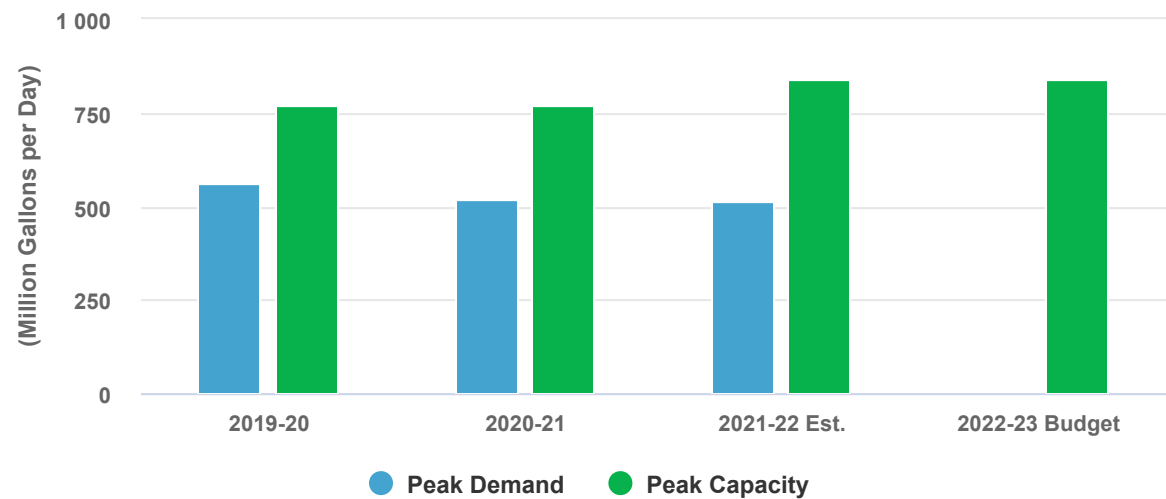
Meet Water Demands

- 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

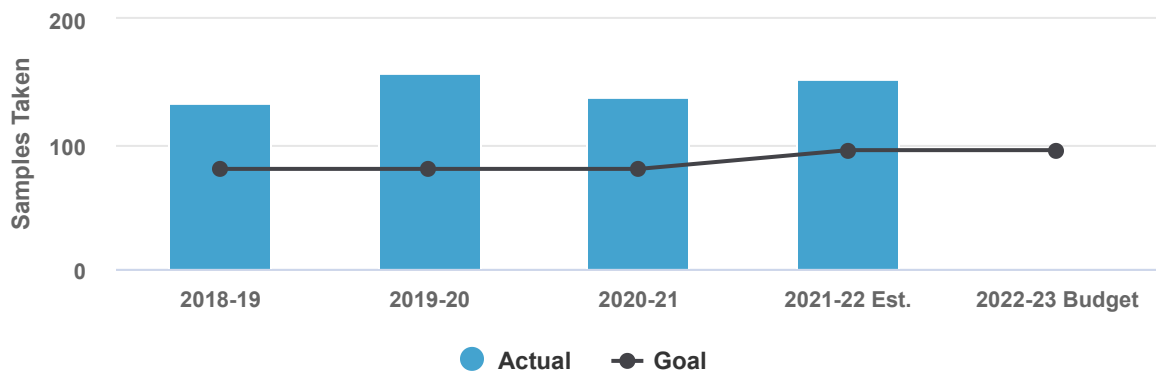


-The demand and capacity numbers (peak and average) reflect the Wylie WTP only.

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

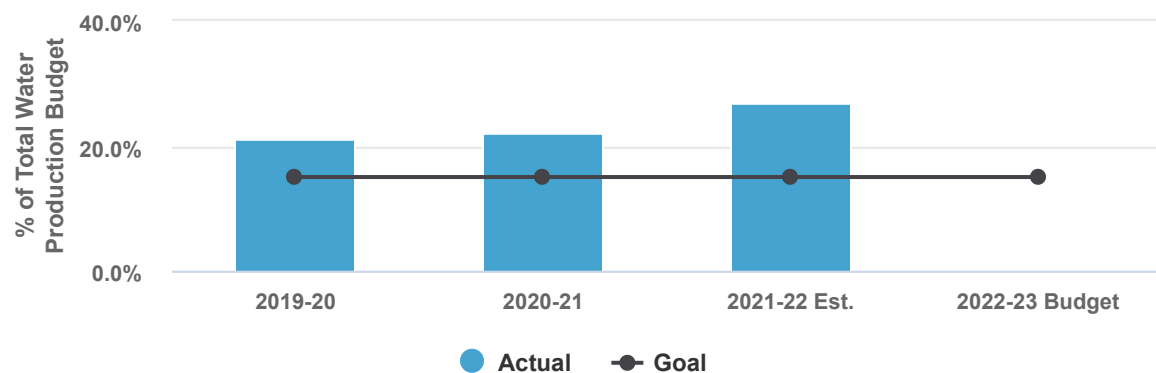
Analysis for Zebra Mussel Presence



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 Chemical 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.

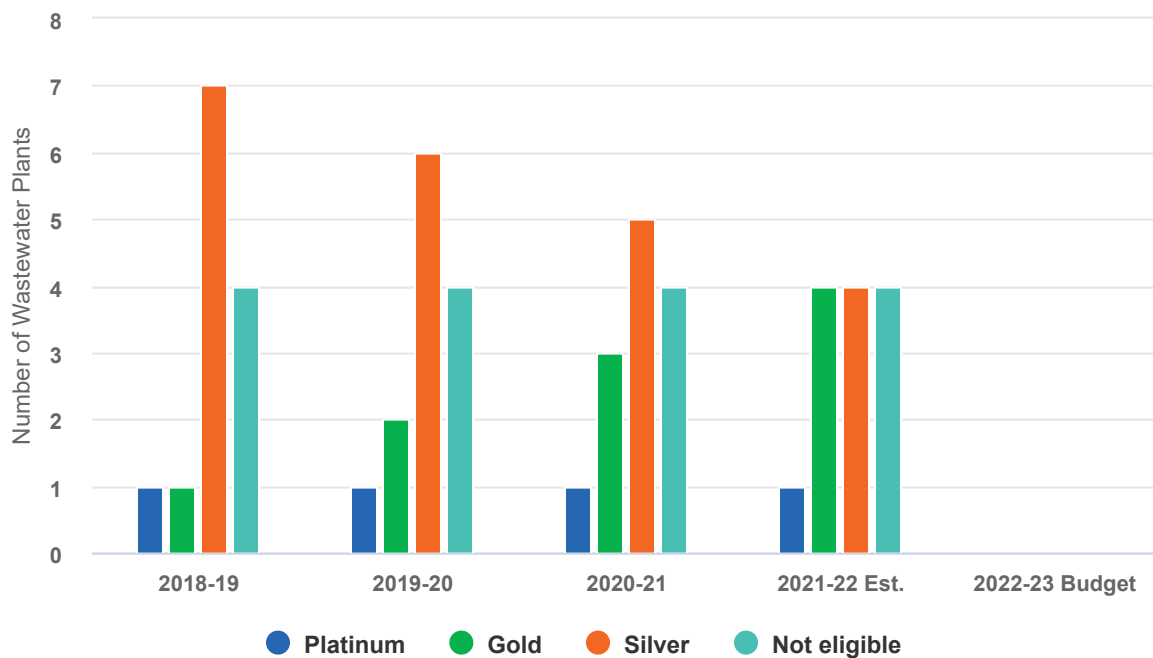
Purpose: Peak Performance Awards recognize facilities for excellence in permit compliance. Having all facilities receive a Silver (no more than five violations per calendar year), a Gold (no permit violations for the entire calendar year) or a Platinum (100% compliance with permits over a consecutive 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

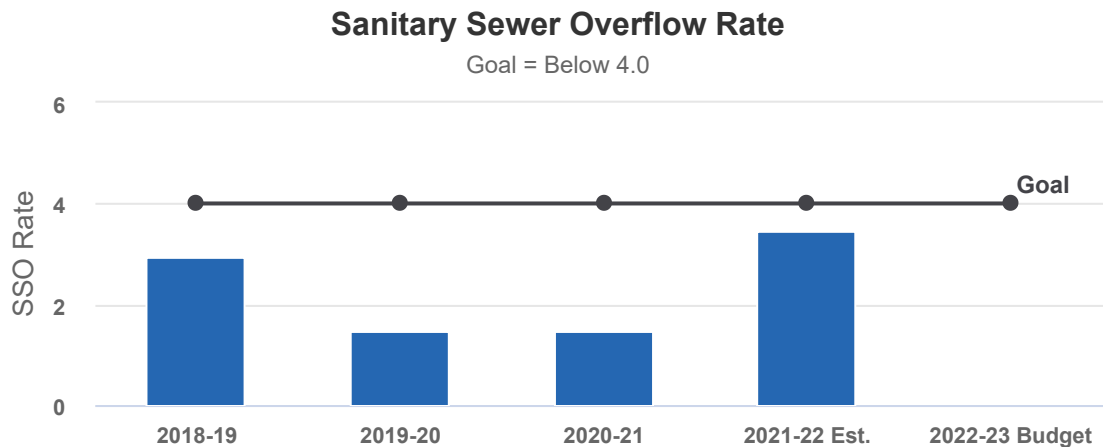
NACWA Peak Performance Awards

Goal is to reduce "Not Eligible" to Zero



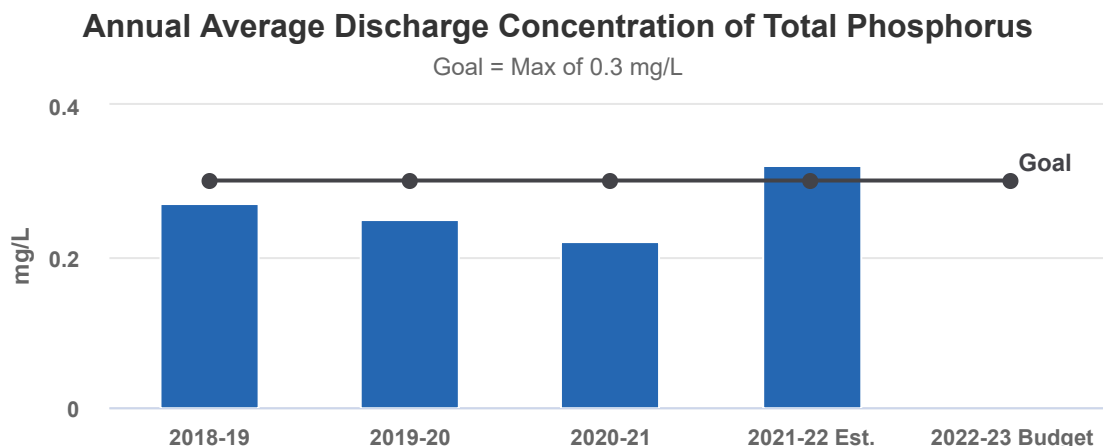
Sanitary Sewer Overflows Prevention

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



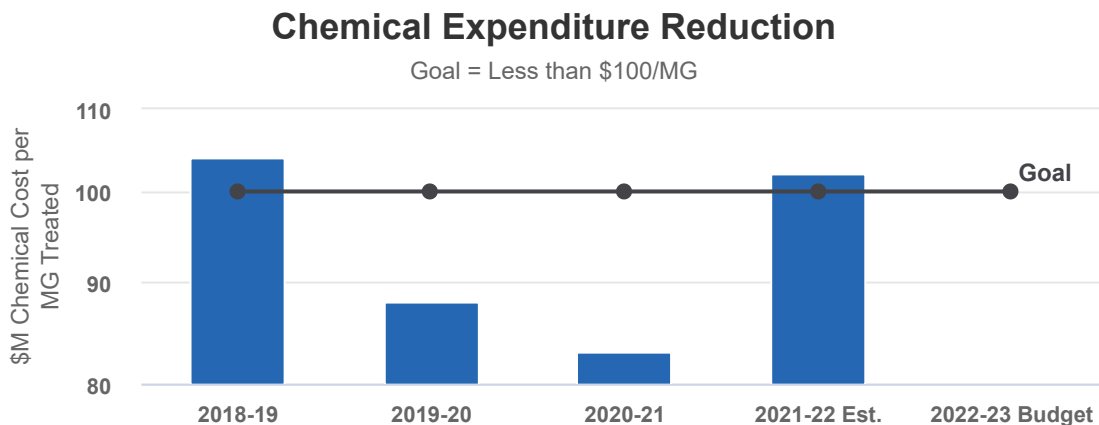
Phosphorus Control to Further Protect Water Supply

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 average concentration discharged under 0.3 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



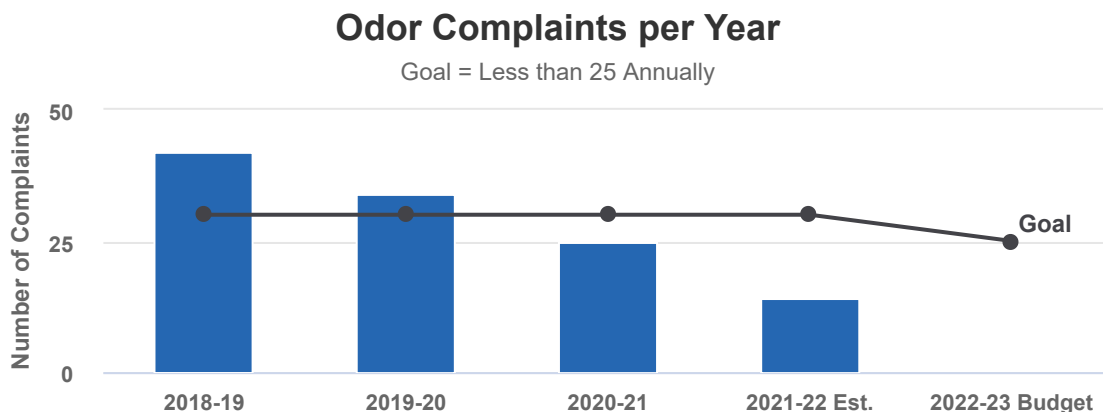
Reduction in Chemical Expenditures

Goal:	Reduce chemical spending while maintaining performance requirements.
Purpose:	Chemical costs account for over \$10 million in the FY21 operations budget. While chemical spending is an essential component of the budget, significant efforts have been made in the past several years to improve systems, processes and training to optimize chemical spending on chemicals used to treat the wastewater at the plants.
Strategic Plan Objective:	Efficient Business Practices
Strategic Plan Initiative:	Identify and execute efficiencies in systems, processes and staffing throughout the District



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



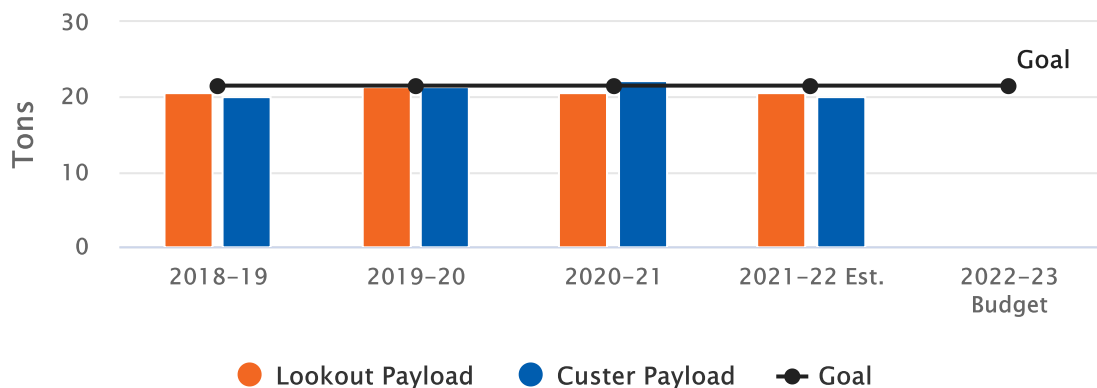
Solid Waste Operations Key Performance Measures

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.

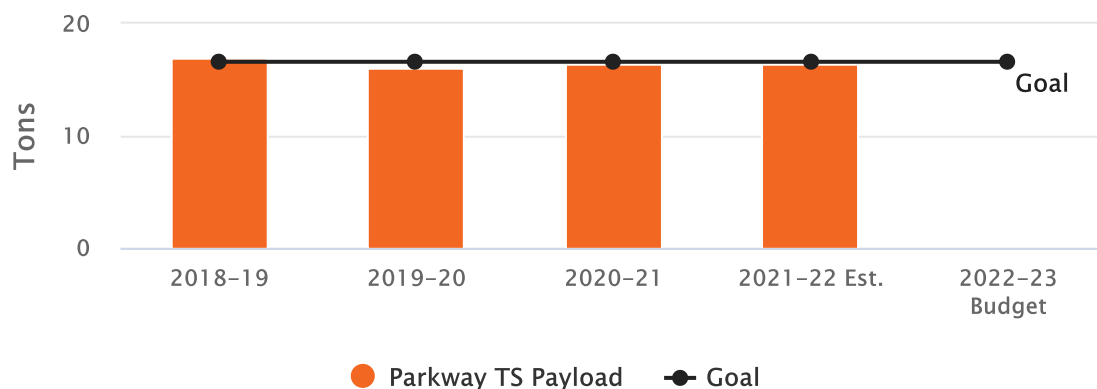
Transfer Trailer Payload

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 amount 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

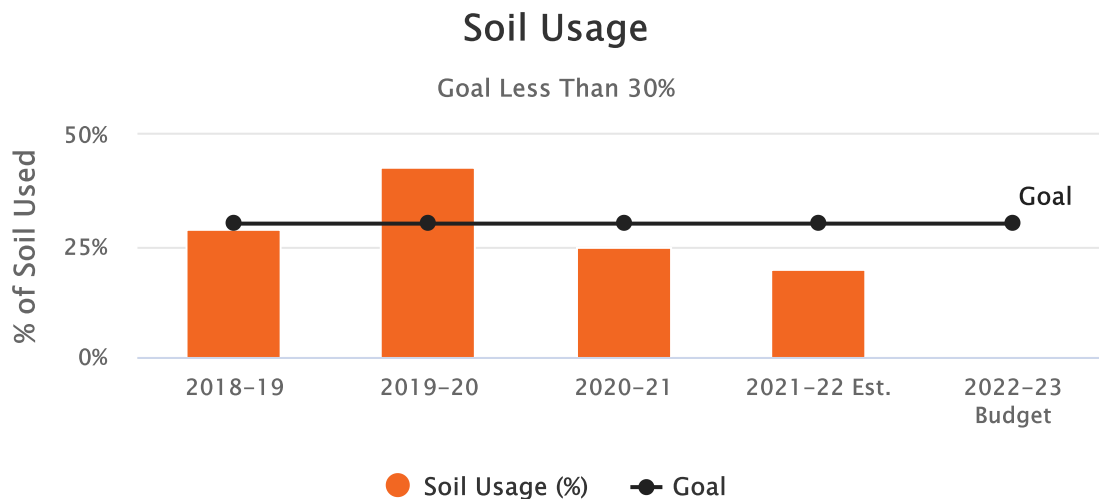


Parkway Transfer Station Payloads



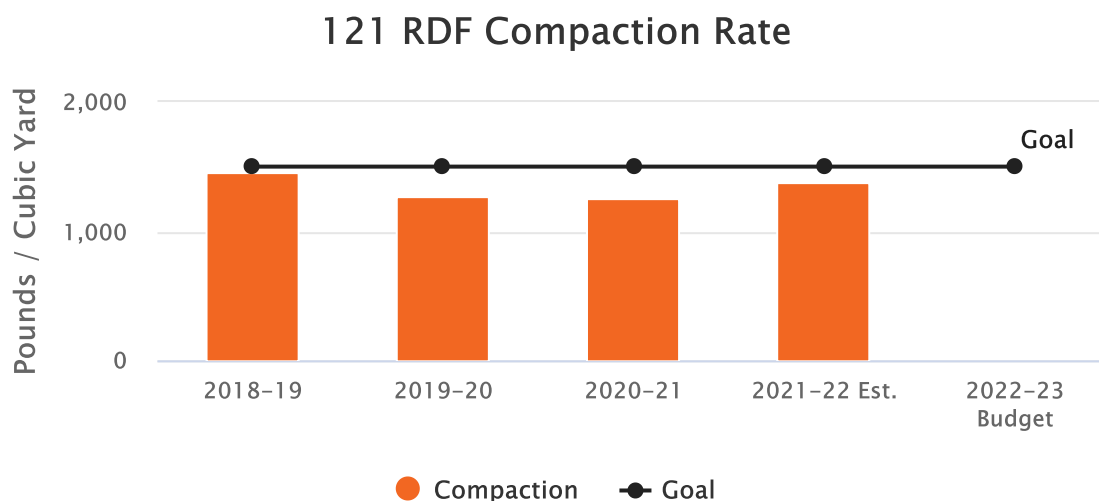
121 Regional Disposal Facility Soil Usage in Landfilling Operations

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



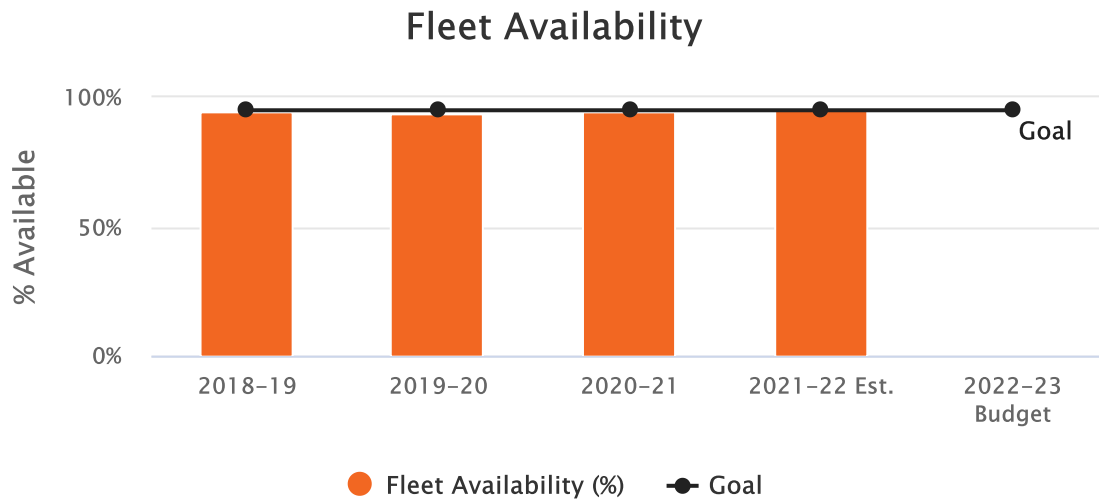
121 Regional Disposal Facility Annual Density of Airspace

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

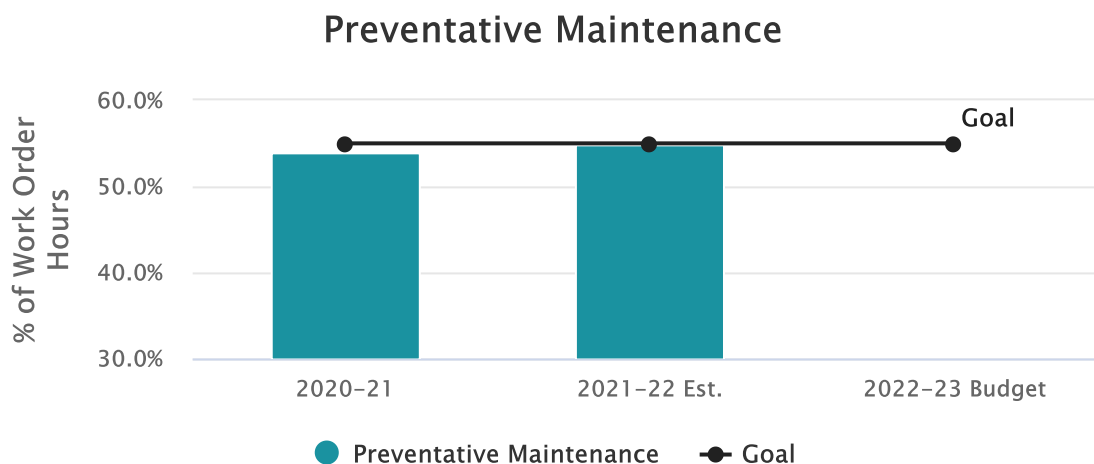


Shared Services Key Performance Measures

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

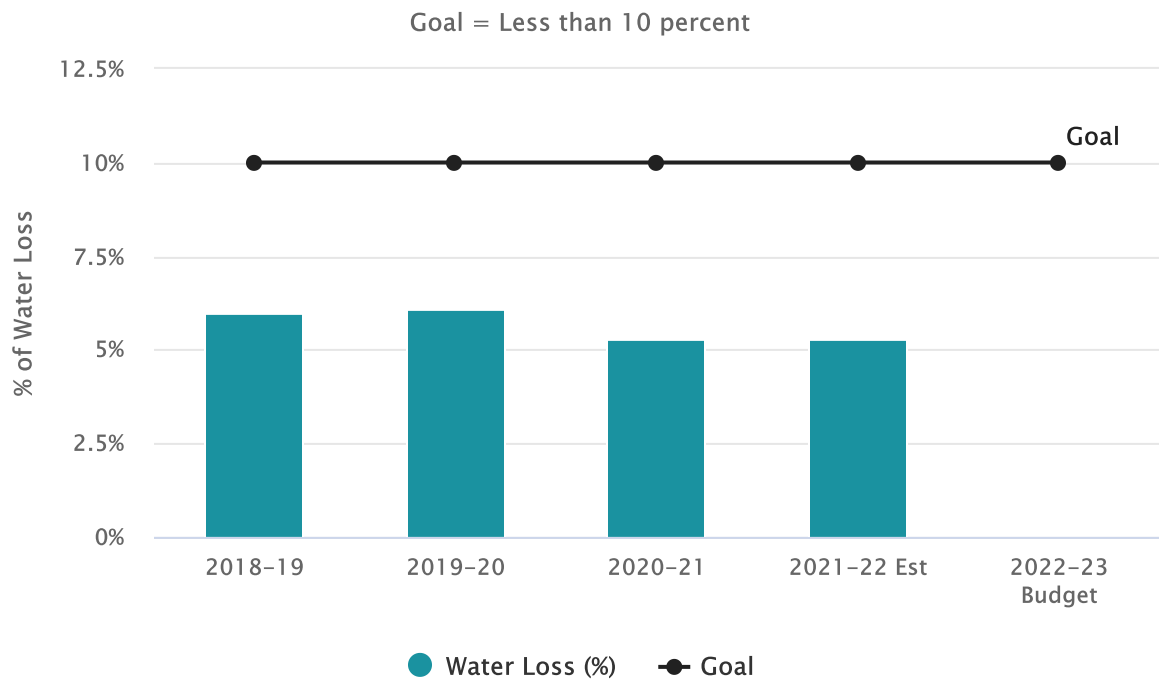
Goal: Reduce the amount of total water loss within the system

Purpose: Water loss through water distribution systems 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 through leaks and breaks within the distribution system, the District focuses on accountable and efficient management of water supplies through its water loss control management program.

Strategic Plan Objective: Proactive Asset and Maintenance Management

Strategic Plan Initiative: Provide Superior Water, Wastewater and Solid Waste Services today and tomorrow

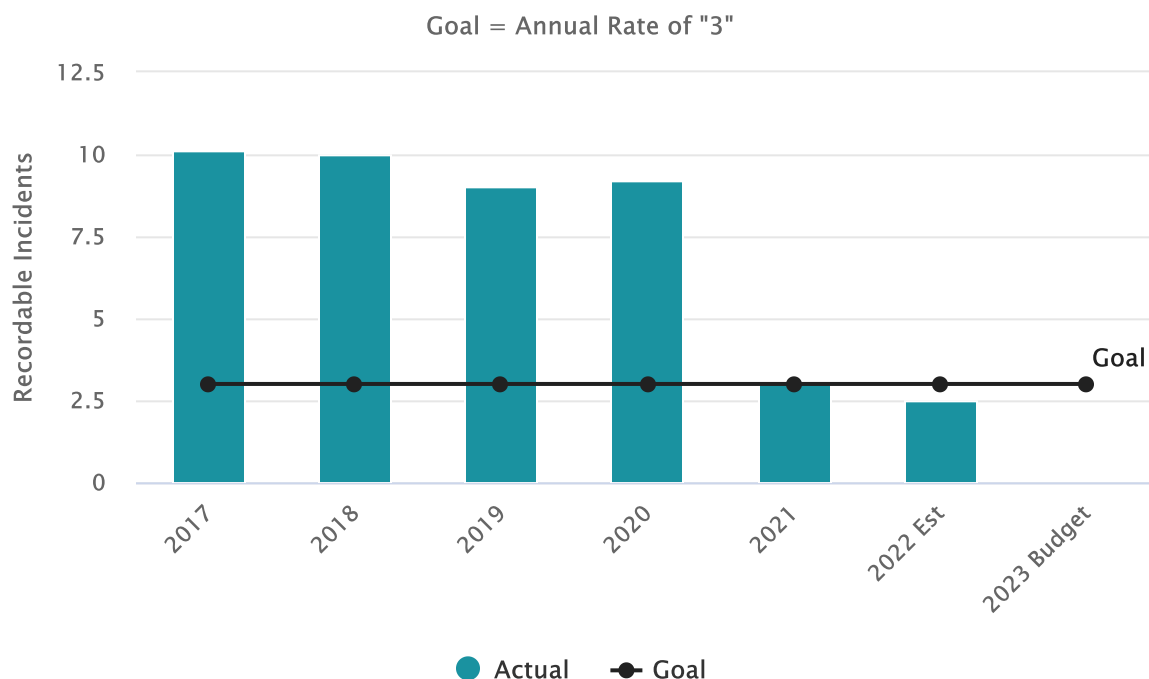
Total Water Loss Within the System



Safety - Total Recordable Incident Rate

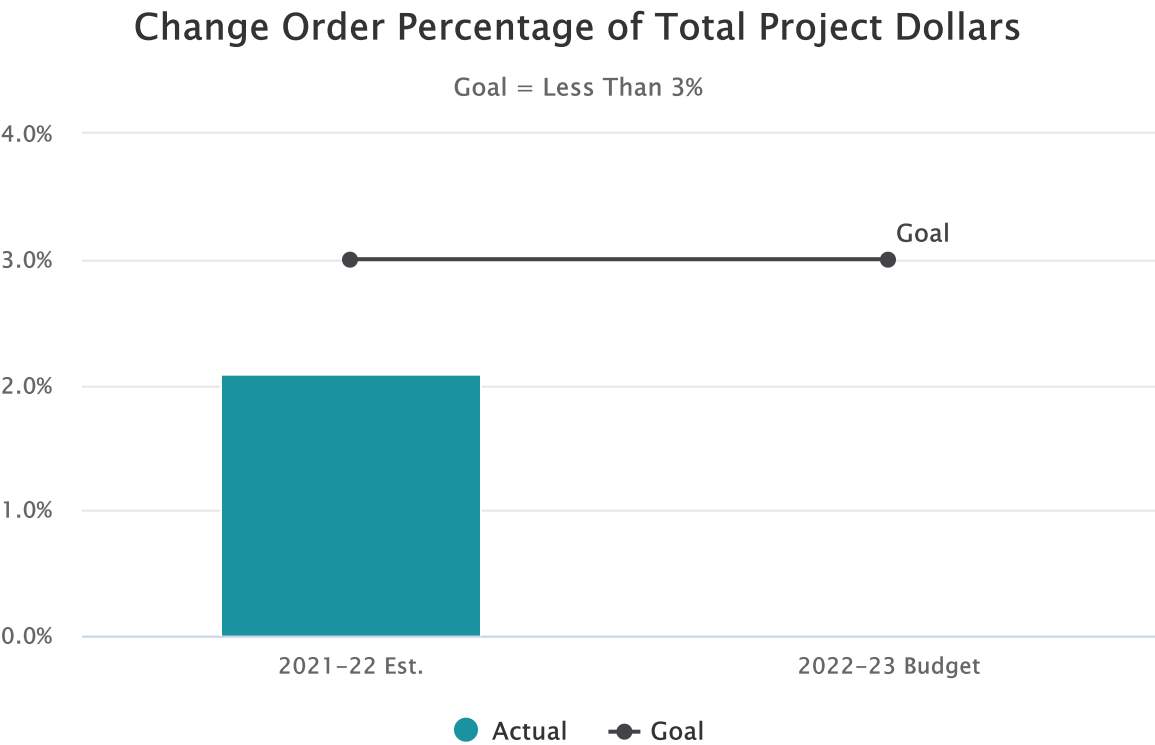
Goal:	Reduce the number of incidents in the workplace
Purpose:	To foster a proactive approach to find and fix workplace hazards before they can cause injury or illness. Losing workers to injury or illness, even for a short time, can cause significant disruption and cost to the District as well as the 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



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

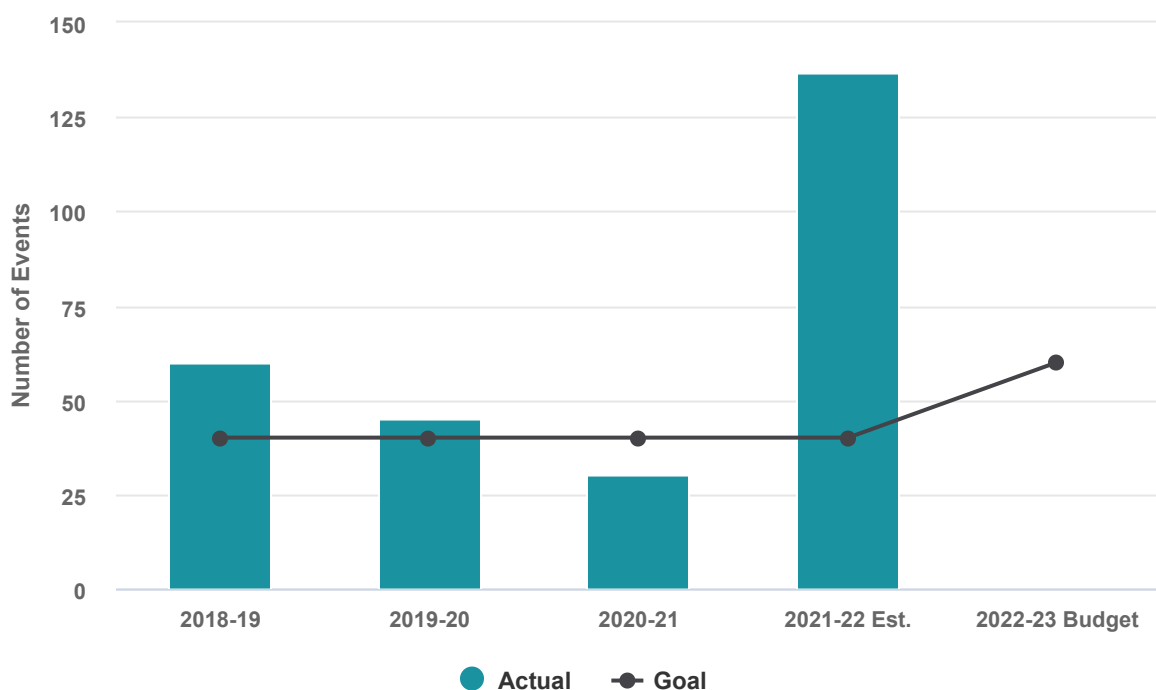


Communications - Community Outreach Events

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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2022-23
EMPLOYEE SCHEDULES

EMPLOYEE POSITION AND GRADE BY DEPARTMENT

101 Regional Water System

5330 Wylie Treatment Plant Complex			
Full-Time Positions	Grade	FY22	FY23
Assistant Deputy (Water Resources)	47	1.0	1.0
Assistant Deputy (Water Treatment & Conveyance)	47	1.0	1.0
Water System Manager	44	1.0	1.0
Water Transmission System Manager	44	1.0	1.0
Operations Technical Support Manager	42	-	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
Watershed Manager	38	1.0	1.0
Operations Training & Development Manager	37	-	0.5
Professional Engineer	37	1.0	1.0
Professional Engineer - Special Projects & Water	37	1.0	1.0
Water Plant Supervisor IV	37	-	1.0
Water Plant Supervisor III	34	1.0	-
Water Operations Shift Supervisor	30	-	4.0
Chemical System Maintenance Coordinator	29	1.0	-
Chemical System Maintenance Supervisor	29	-	1.0
Operations Trainer	29	-	0.5
Shift Supervisor	29	4.0	-
Water Treatment Residuals Coordinator	29	-	1.0
Chief Control Room Operator	28	4.0	-
Lead Control Room Operator	28	-	4.0
Lead Water Plant Operator *	28	4.0	4.0
Trainer / Lead Operator	28	1.0	-
Assistant to the Water Plant Supervisor	26	1.0	-
Water Operations Assistant	26	-	1.0
Water Plant Operator III	26	19.0	19.0
Water Plant Mechanic	25	3.0	3.0
Water Quality Technician *	25	1.0	1.0
Water Plant Operator II	23	25.0	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		78.0	81.5

* Grade change per FY22 Compensation Study

5333 Tawakoni Raw Water Station and WTP

Full-Time Positions	Grade	FY22	FY23
Water Plant Supervisor II	33	1.0	-
Water Plant Supervisor I	30	-	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

* Grade change per FY22 Compensation Study

5334 East Fork Raw Water Supply (The Wetlands)

Full-Time Positions	Grade	FY22	FY23
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 WTP

Full-Time Positions	Grade	FY22	FY23
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

* Grade change per FY22 Compensation Study

5336 Bois d'Arc Lake

Full-Time Positions	Grade	FY22	FY23
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	1.0	2.0
Bois d'Arc Lake Permit Technician	24	-	1.0
Bois d'Arc Lake Operator II	23	3.0	4.0
Administrative Technician	22	1.0	1.0
Total Full-Time Positions		8.0	11.0

* Grade change per FY22 Compensation Study

5337 Leonard WTP

Full-Time Positions	Grade	FY22	FY23
Water Treatment Plant Manager	35	1.0	-
Water Plant Supervisor II	33	-	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
Mechanic's Assistant	20	1.0	1.0
Total Full-Time Positions		15.0	15.0

* Grade change per FY22 Compensation Study

5338 Transmission System

Full-Time Positions	Grade	FY22	FY23
Assistant Water System Manager - Transmission *	40	1.0	1.0
Professional Engineer	37	1.0	1.0
Lead Transmission System Operator *	28	2.0	2.0
Transmission System Operator II	23	2.0	5.0
Total Full-Time Positions		6.0	9.0

* Grade change per FY22 Compensation Study

Total Regional Water System Positions	136.0	145.5
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301 Regional Wastewater System**5070 Sister Grove Regional Water Resource Recovery Facility**

Full-Time Positions	Grade	FY22	FY23
Wastewater Plant Supervisor II	33	1.0	1.0
Wastewater Plant Supervisor I	30	-	1.0
Lead Wastewater Plant Operator *	28	-	3.0
Wastewater Plant Operator III	26	-	6.0
Wastewater Mechanic	25	-	1.0
Wastewater Plant Operator II	23	3.0	7.0
Information Systems Assistant	22	-	1.0
Mechanic's Assistant	20	1.0	1.0
Total Full-Time Positions		5.0	21.0

* Grade change per FY22 Compensation Study

5080 Wilson Creek Regional Wastewater Treatment Plant

Full-Time Positions	Grade	FY22	FY23
Assistant Deputy (Wastewater)	47	1.0	1.0
Assistant Regional Wastewater System Manager *	40	1.0	1.0
Training & Development Manager	38	1.0	-
Operations Training & Development Manager	37	-	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
Maintenance Planner Scheduler	31	1.0	1.0
Wastewater Plant Supervisor I	30	-	1.0
Operations Trainer	29	-	0.5
Chief Wastewater Plant Operator	28	2.0	-
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	12.0	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		66.0	65.0

* Grade change per FY22 Compensation Study

5090 Floyd Branch Regional Wastewater Treatment Plant

Full-Time Positions	Grade	FY22	FY23
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 Plant Operator II	23	3.0	3.0
Total Full-Time Positions		7.2	7.2

* Grade change per FY22 Compensation Study

5100 Rowlett Creek Regional Wastewater Treatment Plant

Full-Time Positions	Grade	FY22	FY23
Asset Risk Manager	38	1.0	1.0
Wastewater Plant Supervisor III *	35	0.8	0.8
Wastewater Plant Supervisor II	33	-	1.0
Chief Wastewater Plant Operator	28	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

* Grade change per FY22 Compensation Study

5180 South Mesquite Regional Wastewater Treatment Plant

Full-Time Positions	Grade	FY22	FY23
Regional Wastewater System Manager	44	1.0	1.0
Operations Technical Support Manager	42	-	0.5
Wastewater Operations Technical Support Manager	42	1.0	-
Wastewater Plant Supervisor III *	35	1.0	1.0
Wastewater Plant Supervisor II	33	-	1.0
Wastewater Plant Supervisor I	30	-	1.0
Chief Wastewater Plant Operator	28	2.0	-
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	1.0
Transport Driver *	23	4.0	4.0
Wastewater Plant Operator II	23	13.0	14.0
Information Systems Assistant	22	1.0	1.0
Mechanic's Assistant	20	2.0	2.0
Total Full-Time Positions		37.0	37.5

* Grade change per FY22 Compensation Study

Total Regional Wastewater System Positions

145.0	160.5
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501 Upper East Fork Interceptor System

501 Upper East Fork Interceptor System			
Full-Time Positions	Grade	FY22	FY23
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
Chief Wastewater Conveyance Operator	28	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	8.0
Information Systems Assistant	22	1.0	1.0
Total Full-Time Positions		23.0	23.0

* Grade change per FY22 Compensation Study

Total Upper East Fork Interceptor System Positions	23.0	23.0
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Small Systems

307 Panther Creek Wastewater Treatment Plant			
Full-Time Positions	Grade	FY22	FY23
Sewer System Plants Manager	44	1.00	1.00
Wastewater Plant Supervisor II	33	1.00	1.00
Wastewater Plant Supervisor I	30	-	1.00
Chief Wastewater Plant Operator	28	1.00	-
Lead Wastewater Plant Operator *	28	2.00	2.00
Wastewater Plant Operator III	26	4.00	4.00
Wastewater Plant Operator II	23	8.00	8.00
Information Systems Assistant	22	1.00	1.00
Total Full-Time Positions		18.00	18.00

* Grade change per FY22 Compensation Study

309 Stewart Creek Wastewater Treatment Plant			
Full-Time Positions	Grade	FY22	FY23
Professional Engineer	37	1.00	1.00
Wastewater Plant Supervisor II	33	1.00	1.00
Wastewater Plant Supervisor I	30	-	1.00
Chief Wastewater Plant Operator	28	1.00	-
Lead Wastewater Plant Operator *	28	2.00	2.00
Wastewater Plant Operator III	26	4.00	4.00
Wastewater Mechanic	25	1.00	1.00
Wastewater Plant Operator II	23	8.00	8.00
Information Systems Assistant	22	1.00	1.00
Total Full-Time Positions		19.00	19.00

* Grade change per FY22 Compensation Study

310 Muddy Creek Wastewater Treatment Plant

Full-Time Positions	Grade	FY22	FY23
Wastewater Plant Supervisor II	33	1.00	1.00
Wastewater Plant Supervisor I	30	-	1.00
Chief Wastewater Plant Operator	28	1.00	-
Lead Wastewater Plant Operator *	28	2.00	2.00
Wastewater Plant Operator III	26	4.00	4.00
Wastewater Mechanic	25	1.00	1.00
Wastewater Technician I	25	1.00	1.00
Wastewater Plant Operator II	23	7.00	8.00
Information Systems Assistant	22	1.00	1.00
Total Full-Time Positions		18.00	19.00

* Grade change per FY22 Compensation Study

601 Small Sewer System

Full-Time Positions	Grade	FY22	FY23
Wastewater Plant Supervisor II	33	1.00	1.00
Wastewater Plant Supervisor I	30	-	1.00
Chief Wastewater Plant Operator	28	1.00	-
Wastewater Plant Operator III	26	3.00	3.00
Wastewater Mechanic	25	1.00	1.00
Wastewater Plant Operator II	23	4.00	4.00
Information Systems Assistant	22	1.00	1.00
Total Full-Time Positions		11.00	11.00

Subtotal Small Systems WWTPs Positions**66.00 67.00****604 Wastewater Pretreatment Department**

Full-Time Positions	Grade	FY22	FY23
Environmental Services Manager	43	0.25	0.25
Environmental Program Manager	38	0.40	0.40
Environmental Program Supervisor	33	-	0.60
Environmental Program Coordinator	32	0.60	-
Environmental Analyst	30	0.10	0.10
Environmental Supervisor I *	30	1.00	1.00
Environmental Specialist II	28	1.00	1.00
Environmental Specialist I +1 Mid FY22	25	2.00	2.00
Environmental Technician	23	-	3.00
Environmental Technician II	23	3.00	-
Administrative Technician	22	0.60	0.60
Total Full-Time Positions		8.95	8.95

* Grade change per FY22 Compensation Study

Total Small Systems Positions**74.95 75.95**

401 Regional Solid Waste System

5511 Lookout Transfer Station

Full-Time Positions	Grade	FY22	FY23
Assistant Deputy (Solid Waste)	47	0.20	0.20
Transfer Station Manager	38	0.34	0.34
Transfer Station Supervisor	27	-	1.00
Transfer Station Foreman	26	1.00	-
Transfer Station Equipment Operator *	23	3.00	3.00
Transport Driver *	23	9.00	9.00
Administrative Technician	22	0.20	0.20
Scale Operator	21	2.00	2.00
Total Full-Time Positions		15.74	15.74

* Grade change per FY22 Compensation Study

5512 Parkway Transfer Station

Full-Time Positions	Grade	FY22	FY23
Assistant Deputy (Solid Waste)	47	0.20	0.20
Transfer Station Manager	38	0.33	0.33
Transfer Station Supervisor	27	-	1.00
Transfer Station Foreman	26	1.00	-
Transfer Station Equipment Operator *	23	3.00	3.00
Transport Driver *	23	10.00	10.00
Administrative Technician	22	0.20	0.20
Scale Operator	21	2.00	2.00
Total Full-Time Positions		16.73	16.73

* Grade change per FY22 Compensation Study

5513 Custer Transfer Station

Full-Time Positions	Grade	FY22	FY23
Assistant Deputy (Solid Waste)	47	0.20	0.20
Transfer Station Manager	38	0.33	0.33
Transfer Station Supervisor	27	-	1.00
Transfer Station Foreman	26	1.00	-
Transfer Station Equipment Operator *	23	4.00	4.00
Transport Driver *	23	15.00	16.00
Administrative Technician	22	0.20	0.20
Scale Operator	21	3.00	3.00
Total Full-Time Positions		23.73	24.73

* Grade change per FY22 Compensation Study

5523 121 Regional Disposal Facility

Full-Time Positions	Grade	FY22	FY23
Assistant Deputy (Solid Waste)	47	0.20	0.20
Landfill Manager *	40	1.00	1.00
Landfill Supervisor	26	-	2.00
Lead Heavy Equipment Operator	25	2.00	-
Heavy Equipment Operator *	24	19.00	19.00
Administrative Technician	22	0.20	0.20
Landfill Scalehouse Coordinator	22	1.00	1.00
Tipper Operator	22	1.00	1.00

5523 121 Regional Disposal Facility (continued)

Full-Time Positions	Grade	FY22	FY23
Scale Operator	21	4.00	4.00
Operations Assistant	18	-	1.00
Parts Worker	18	1.00	-
Landfill Spotter	17	1.00	1.00
Total Full-Time Positions		30.40	30.40

* Grade change per FY22 Compensation Study

5530 Fleet Maintenance Shop

Full-Time Positions	Grade	FY22	FY23
Assistant Deputy (Solid Waste)	47	0.20	0.20
Fleet Manager	43	1.00	1.00
Fleet Maintenance Shop Supervisor *	33	1.00	1.00
Heavy Equipment Shop Foreman *	30	1.00	1.00
Fleet Maintenance Shop Foreman *	29	2.00	2.00
Lead Fleet Maintenance Equipment Technician *	28	1.00	1.00
Heavy Equipment Technician I	27	-	5.00
Automotive Technician II	26	-	1.00
Fleet Maintenance Equipment Technician II	26	-	7.00
Heavy Equipment Technician	26	4.00	-
Fleet Maintenance Equipment Technician	25	8.00	-
Fleet Administrator	24	1.00	2.00
Welder	24	1.00	1.00
Administrative Technician	22	0.20	0.20
Information Systems Assistant	22	1.00	1.00
Automotive Technician I	20	-	2.00
Fleet Maintenance Equipment Technician I	20	-	3.00
Fleet Maintenance Shop Assistant	20	5.00	-
Total Full-Time Positions		26.40	28.40

* Grade change per FY22 Compensation Study

Total Regional Solid Waste System Positions **113.00** **116.00**

100 Shared Services Fund**5701 General Department**

Full-Time Positions	Grade	FY22	FY23
Executive Director / General Manager	N/A	1.00	1.00
Deputy Director (Administrative Services)	N/A	1.00	1.00
Deputy Director (Engineering & CIP)	N/A	1.00	1.00
Deputy Director (Solid Waste & Integrated Services)	N/A	1.00	1.00
Deputy Director (Water & Wastewater)	N/A	1.00	1.00
General Counsel	48	-	1.00
Board Liason & Assistant to the General Manager	47	1.00	1.00
Process Improvement Advisor	44	1.00	1.00
Special Projects Manager	40	1.00	-
Energy Program Manager	38	1.00	-
Government Relations Advisor	35	1.00	1.00
Board Administrative Support Specialist	30	1.00	1.00
Executive Administrative Assistant	30	2.00	2.00
Total Full-Time Positions		13.00	12.00

5702 Communications

Full-Time Positions	Grade	FY22	FY23
Director of Communications	41	1.00	1.00
Public Communications Manager	38	-	1.00
Public Education Manager	38	-	1.00
Water Resource Program & Public Education Manager	38	1.00	-
Multi-Media Specialist	30	-	1.00
Public Education Specialist	30	-	1.00
Public Relations Specialist	30	2.00	-
Communications Assistant	24	-	1.00
Water Resource Assistant	24	1.00	-
Total Full-Time Positions		5.00	6.00

5713 Engineering

Full-Time Positions	Grade	FY22	FY23
Assistant Deputy (CIP)	47	0.90	0.90
Assistant Deputy (Engineering)	47	1.00	1.00
Engineering Manager	44	2.00	2.00
Construction Manager *	41	1.00	1.00
Engineering Program Manager	41	-	6.00
Planning Program Manager *	41	1.00	1.00
Real Estate Manager *	41	1.00	1.00
Assistant Planning Program Manager	38	1.00	1.00
Energy Program Manager	38	-	1.00
Solid Waste and Specialties Program Manager	38	1.00	-
Wastewater Program Manager	38	2.00	-
Water Conveyance Program Manager	38	1.00	-
Water Treatment Program Manager	38	1.00	-
Professional Engineer	37	21.00	23.00
Engineering Projects Coordinator	35	1.00	1.00
Instrumentation & Electrical Construction Supervisor	31	1.00	1.00
Project Support Supervisor	31	1.00	1.00
Construction Inspection Supervisor	30	-	8.00
Graduate Engineer	30	2.00	2.00
Land Agent	30	2.00	2.00
Engineering Technician	28	4.00	4.00
Project Controls Specialist - Contracts & Document Mgmt.	28	1.00	1.00
Senior Construction Inspector	28	8.00	-
Construction Inspector II	27	13.00	16.00
Construction Inspector I	25	19.00	20.00
Administrative Technician	22	4.00	4.00
Total Full-Time Positions		89.90	97.90

* Grade change per FY22 Compensation Study

5714 Permitting

Full-Time Positions	Grade	FY22	FY23
Assistant Deputy (CIP)	47	0.10	0.10
Permitting Manager	40	1.00	1.00
Permit Coordinator	31	2.00	2.00
Total Full-Time Positions		3.10	3.10

5721 Control Systems

Full-Time Positions	Grade	FY22	FY23
Assistant Deputy (Maintenance)	47	0.10	0.10
Control Systems Manager	43	1.00	1.00
Control Systems Supervisor	32	1.00	1.00
Control Systems Senior Technician	30	5.00	5.00
Graduate Engineer	30	1.00	1.00
Control Systems Technician	25	1.00	1.00
Total Full-Time Positions		9.10	9.10

5722 Facilities Services

Full-Time Positions	Grade	FY22	FY23
Assistant Deputy (Maintenance)	47	0.45	0.45
Maintenance Manager	44	0.50	0.50
Asset Risk Manager - Maintenance	38	-	0.50
Assistant Maintenance Manager	38	0.50	0.50
Maintenance Engineer / Asset Risk Manager	38	0.50	-
Electrical Maintenance Manager	36	0.50	0.50
Facilities Services Manager *	36	1.00	1.00
Maintenance Services Superintendent Pipeline *	31	1.00	1.00
Maintenance Services Superintendent Plant *	31	1.00	1.00
Pipeline Crewleader *	27	2.00	2.00
Lead Line Locator	26	1.00	1.00
Maintenance Right - of - Way Supervisor	26	1.00	1.00
Maintenance Valve Crew Supervisor	26	1.00	1.00
Line Locator	25	4.00	4.00
Facility Maintenance Crewleader *	24	1.00	1.00
Heavy Equipment Operator *	24	6.00	6.00
Custodial Crewleader	23	1.00	1.00
Administrative Technician	22	1.00	1.00
Lead Maintenance Worker - Facility Maintenance *	22	2.00	2.00
Lead Maintenance Worker - Pipeline *	22	7.00	7.00
Light Equipment Operator	21	1.00	1.00
Maintenance Worker - Facility Maintenance	20	6.00	6.00
Maintenance Worker - Pipeline	20	20.00	20.00
Custodian	16	3.00	3.00
Total Full-Time Positions		62.45	62.45

* Grade change per FY22 Compensation Study

5723 Technical Services

Full-Time Positions	Grade	FY22	FY23
Assistant Deputy (Maintenance)	47	0.45	0.45
Maintenance Manager	44	0.50	0.50
Asset Risk Manager - Maintenance	38	-	0.50
Assistant Maintenance Manager	38	0.50	0.50
Maintenance Engineer / Asset Risk Manager	38	0.50	-
Electrical Maintenance Manager	36	0.50	0.50
Mechanical Maintenance Manager	36	1.00	1.00
Electrical Superintendent *	33	1.00	1.00
Instrumentation Superintendent	32	1.00	1.00

5723 Technical Services (continued)

Full-Time Positions	Grade	FY22	FY23
Maintenance Planner Scheduler	31	1.00	1.00
Maintenance Superintendent	31	1.00	2.00
Mechanical Superintendent	31	1.00	1.00
Ozone Superintendent	31	1.00	-
Assistant Electrical Superintendent	29	1.00	1.00
Assistant Instrumentation Superintendent	29	1.00	1.00
Assistant Mechanical Superintendent	28	1.00	1.00
Electrical Technician	28	1.00	1.00
Instrumentation Technician II	28	2.00	2.00
Ozone Supervisor	28	4.00	-
Technical Services Maintenance Supervisor	28	-	4.00
Electrician II	27	3.00	-
Industrial Electrician II	27	-	4.00
Instrumentation Technician	27	7.00	15.00
Ozone Instrumentation Technician	27	8.00	-
Electrician	26	12.00	-
Industrial Electrician	26	-	18.00
Lead Technical Services Mechanic	26	6.00	6.00
Lead Welder	26	1.00	1.00
Ozone Electrician	26	8.00	-
Industrial Mechanic	25	-	19.00
Ozone Mechanic	25	4.00	-
Technical Services Crane Operator	25	2.00	2.00
Technical Services Mechanic	25	12.00	-
Warehouse Foreman	25	1.00	1.00
Welder	24	5.00	5.00
Maintenance Dispatcher	23	2.00	2.00
Administrative Technician	22	1.00	1.00
Maintenance Shop Assistant	20	11.00	11.00
Total Full-Time Positions		102.45	104.45

* Grade change per FY22 Compensation Study

5751 Human Resources

Full-Time Positions	Grade	FY22	FY23
Assistant Deputy (Human Resources)	47	1.00	1.00
Human Resources Manager	43	1.00	2.00
Assistant Human Resources Manager	38	1.00	-
Training & Development Manager	38	-	1.00
Human Resources Trainer	31	1.00	1.00
Wellness and Benefits Administrator	31	1.00	1.00
Benefits Specialist	25	-	1.00
Human Resources Generalist	25	2.00	2.00
Human Resources Specialist	25	1.00	1.00
Human Resources Assistant	24	1.00	1.00
Human Resources Technician	22	1.00	-
Receptionist	18	1.00	1.00
Total Full-Time Positions		11.00	12.00

5752 Records

Full-Time Positions	Grade	FY22	FY23
Records Manager	38	1.00	1.00
Digital Process Designer	30	1.00	1.00
Records Technician	25	4.00	4.00
Total Full-Time Positions		6.00	6.00

5753 Safety

Full-Time Positions	Grade	FY22	FY23
Health & Safety Manager	43	1.00	1.00
Emergency Operations Program Manager	38	1.00	-
Emergency Preparedness & Response Manager	38	-	1.00
Emergency Operations Specialist	32	-	1.00
Safety Specialist	32	-	3.00
Safety Training Specialist	32	-	1.00
Physical Security Coordinator	29	1.00	-
Physical Security Specialist	29	-	1.00
Safety Coordinator (Emergency Operations)	29	1.00	-
Safety Coordinator (SW & Maint)	29	1.00	-
Safety Coordinator (Training)	29	1.00	-
Safety Coordinator (Wastewater)	29	1.00	-
Safety Coordinator (Water)	29	1.00	-
Security Systems Coordinator	29	-	1.00
Administrative Assistant	24	1.00	-
Safety Administrator	24	-	1.00
Information Systems Assistant	22	1.00	-
Total Full-Time Positions		10.00	10.00

5761 Accounting

Full-Time Positions	Grade	FY22	FY23
Assistant Deputy (Finance)	47	0.50	0.50
Accounting Manager	43	1.00	1.00
Assistant Accounting Manager	39	1.00	1.00
Financial Reporting Accountant	38	1.00	-
Financial Reporting & Compliance Supervisor	38	-	1.00
Capital Project & Fixed Asset Supervisor	35	-	1.00
Senior Accountant *	32	1.00	2.00
Senior Project Accountant	32	1.00	-
Payroll Supervisor	31	1.00	1.00
Staff Accountant *	29	2.00	2.00
Accounts Payable Supervisor	27	1.00	1.00
Accounts Payable Technician	24	-	3.00
Accounts Receivable Specialist	24	1.00	1.00
Payroll Technician	24	-	2.00
Accounting Technician	22	5.00	-
Total Full-Time Positions		15.50	16.50

* Grade change per FY22 Compensation Study

5762 Finance

Full-Time Positions	Grade	FY22	FY23
Assistant Deputy (Finance)	47	0.50	0.50
Finance Manager	43	1.00	1.00
Assistant Finance Manager	38	1.00	1.00
Debt & Investment Supervisor	35	1.00	1.00
Financial Analyst	29	3.00	5.00
Investment Coordinator *	29	1.00	1.00
Budget Coordinator	25	1.00	-
Financial Analyst I	25	1.00	-
Administrative Assistant	24	-	1.00
Financial Assistant	24	1.00	-
Total Full-Time Positions		10.50	10.50

* Grade change per FY22 Compensation Study

5763 Procurement

Full-Time Positions	Grade	FY22	FY23
Procurement Manager	43	-	1.00
Purchasing Manager	43	1.00	-
Purchasing Agent	36	1.00	1.00
Senior Buyer	30	3.00	3.00
Total Full-Time Positions		5.00	5.00

5771 Information Technology

Full-Time Positions	Grade	FY22	FY23
Assistant Deputy (Information Technology)	47	1.00	1.00
Information Technology Manager	42	1.00	1.00
Information Systems Manager	39	1.00	1.00
Cybersecurity Analyst	32	-	1.00
Technical Project Coordinator	32	1.00	1.00
Information Technology Supervisor	31	1.00	-
Information Technology Administrator	29	2.00	3.00
GIS Coordinator	28	1.00	1.00
GIS Analyst	27	1.00	1.00
Information Systems Analyst	27	1.00	1.00
Information Systems Senior Technician	27	1.00	1.00
Information Technology Technician *	26	2.00	4.00
Information Systems Technician	25	1.00	1.00
Sharepoint Administrator	25	1.00	1.00
Administrative Technician	22	1.00	1.00
GIS Assistant	22	1.00	1.00
Information Systems Assistant	22	2.00	2.00
Total Full-Time Positions		19.00	22.00

* Grade change per FY22 Compensation Study

5772 Environmental Services

Full-Time Positions	Grade	FY22	FY23
Environmental Services Manager	43	0.25	0.25
Environmental Program Manager	38	0.60	0.60
Environmental Program Supervisor	33	-	0.40
Environmental Program Coordinator	32	0.40	-
Environmental Analyst	30	0.90	0.90
Environmental Supervisor I *	30	1.00	1.00
Environmental Specialist II	28	1.00	1.00
WIMS Analyst	27	1.00	1.00
Environmental Specialist I	25	1.00	1.00
Environmental Technician	23	-	3.00
Environmental Technician II	23	3.00	-
Administrative Technician	22	0.20	0.20
Total Full-Time Positions		9.35	9.35

* Grade change per FY22 Compensation Study

5773 Laboratory Services

Full-Time Positions	Grade	FY22	FY23
Environmental Services Manager	43	0.25	0.25
Laboratory Manager	38	1.00	1.00
Laboratory Operations Manager	33	-	1.00
Laboratory Quality Supervisor	32	-	1.00
LIMS Administrator	32	1.00	1.00
Operations Manager	32	1.00	-
Laboratory QA / QC Officer	31	1.00	-
Laboratory Quality Specialist	30	-	1.00
Laboratory Section Supervisor	30	-	4.00
Section Chief / Section Supervisor	30	4.00	-
Chemist / Biologist	29	5.00	6.00
Deputy QA / QC Officer / Laboratory Safety Officer	29	1.00	-
Laboratory Data Validator	27	1.00	1.00
Senior Laboratory Technician	27	11.00	11.00
Senior Sample Control Technician	27	2.00	2.00
Sample Control Technician II	24	1.00	1.00
Administrative Technician	22	0.20	0.20
Sample Control Technician	20	2.00	2.00
Total Full-Time Positions		31.45	32.45

5774 Regulatory Compliance

Full-Time Positions	Grade	FY22	FY23
Environmental Services Manager	43	0.25	0.25
Environmental Compliance Manager	38	1.00	1.00
Senior Environmental Health & Safety Specialist	31	1.00	1.00
Environmental Compliance Coordinator	29	1.00	1.00
Total Full-Time Positions		3.25	3.25

Total Shared Services Fund Positions

406.05 **422.05**

Total All Systems Positions

898.00 **943.00**

SALARY SCHEDULE ANNUAL AMOUNTS

Grade	Minimum	Midpoint	Maximum
16	\$32,374	\$40,144	\$47,915
17	34,078	42,257	50,435
18	35,782	44,370	52,957
19	37,571	46,588	55,606
20	39,449	48,918	58,386
21	41,422	51,363	61,305
22	43,494	53,932	64,371
23	45,668	56,628	67,588
24	47,951	59,459	70,968
25	50,349	62,433	74,517
26	52,866	65,554	78,243
27	55,510	68,832	82,155
28	58,285	72,274	86,263
29	61,200	75,888	90,576
30	64,260	79,682	95,105
31	67,472	83,666	99,860
32	70,847	87,850	104,853
33	74,389	92,242	110,095
34	78,107	96,854	115,600
35	82,013	101,696	121,380
36	86,114	106,781	127,449
37	90,419	112,120	133,821
38	94,940	117,726	140,512
39	99,688	123,612	147,537
40	104,672	129,793	154,915
41	109,905	136,283	162,661
42	115,401	143,097	170,793
43	121,171	150,252	179,333
44	127,230	157,765	188,300
45	133,591	165,653	197,715
46	140,271	173,936	207,601
47	147,284	182,632	217,980
48	\$154,649	\$191,764	\$228,880

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	\$0.75
3RD	\$1.00

PLUS - THE FOLLOWING PAY FOR HAZMAT CERTIFICATION.

PROGRAM	MONTHLY
HAZMAT PAY	\$166.67

**2022-23
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.
MG	Acronym for million gallon
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.

2022-23
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	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

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2022-23
BUDGET RESOLUTION

NORTH TEXAS MUNICIPAL WATER DISTRICT

RESOLUTION NO. 22-42

A RESOLUTION APPROVING APPROPRIATIONS FOR THE 2022-23 ALL SYSTEMS ANNUAL BUDGET, AMENDING THE 2021-22 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 2022-23 ALL SYSTEMS ANNUAL BUDGET BE APPROVED AS SUBMITTED BY THE EXECUTIVE DIRECTOR FOR THE FISCAL YEAR OCTOBER 1, 2022 THROUGH SEPTEMBER 30, 2023. 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 Function in the 2022-23 Annual All Systems Budget document and the Executive Director shall have the authority to transfer funds between accounts but shall require the express approval of the Board of Directors by budget amendment to exceed funding for any Fund. Following are system control details:

	2021-22 Amended Budget	2022-23 Proposed Budget
<u>By System:</u>		
Regional Water System	\$ 378,649,720	\$ 423,788,850
Regional Wastewater System	88,031,610	97,359,870
Upper East Fork Interceptor System	43,674,195	49,503,070
Small Systems	49,572,680	56,850,540
Regional Solid Waste System	39,687,700	43,473,935
Total	<u>\$ 599,615,905</u>	<u>\$ 670,976,265</u>

	2021-22 Amended Budget	2022-23 Proposed Budget
<u>By Character:</u>		
Personnel	\$ 96,575,765	\$ 112,964,485
Supplies	98,725,645	113,691,540
Services	88,253,725	101,244,545
Capital Outlay	14,163,315	14,223,670
Escrow	5,414,350	5,128,025
Capital Improvement	15,297,900	21,185,500
Debt Service	281,185,205	302,538,500
Total	<u>\$ 599,615,905</u>	<u>\$ 670,976,265</u>

2. The Amended Budget, as set forth in the 2022-23 All Systems Annual Budget Document, shall be approved as the authorized Amended Budget for the 2021-22 Fiscal Year and the Proposed Budget, as set forth in the 2022-23 All Systems Annual Budget Document, shall be approved as the authorized Budget for the 2022-23 Fiscal Year.

3. The Salary Plan as set forth in the 2022-23 All Systems Annual Budget Document shall be applicable to all District employees, including the Executive Director and the Deputy Directors, and salaries shall be paid during the 2022-23 Fiscal Year in biweekly payments (every two weeks).

4. 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 7% of their current annual salary.

5. The salary for the Executive Director and the Deputy Directors shall be payable in increments of the regular payroll of the District in annual amounts for the Executive Director of \$_____, the Deputy Director (Solid Waste & Integrated Services) of \$_____, the Deputy Director (Engineering & CIP) of \$_____, the Deputy Director (Water & Wastewater) of \$_____, and for the Deputy Director (Administrative Services) of \$_____.

6. The District shall fund the Deferred Compensation accounts for the Executive Director and the Deputy Directors in annual amounts for the Executive Director of \$_____, the Deputy Director (Solid Waste & Integrated Services) of \$_____, the Deputy Director (Engineering & CIP) of \$_____, the Deputy Director (Water & Wastewater) of \$_____, and for the Deputy Director (Administrative Services) of \$_____. The Deferred Compensation contributions shall be dispersed in monthly increments.

SECTION B - CHARGES FOR SERVICE

1. The following minimum annual demands and water rates shall be applicable during the 2022-23 Fiscal Year.

WHOLESALE TREATED WATER RATES

<u>Entity</u>	Minimum Annual Demand 1,000 gallons	Water Rate per 1,000 gallons	Minimum Annual Charge	Excess Water Rate per 1,000 gallons
Members:				
Allen	6,345,484	\$ 3.39	\$ 21,511,190.76	\$ 0.81
Farmersville	274,168	3.39	929,429.52	0.81
Forney	2,754,485	3.39	9,337,704.15	0.81
Frisco	14,146,008	3.39	47,954,967.12	0.81
Garland	13,136,918	3.39	44,534,152.02	0.81
McKinney	12,417,706	3.39	42,096,023.34	0.81
Mesquite	7,867,721	3.39	26,671,574.19	0.81
Plano	25,655,890	3.39	86,973,467.10	0.81
Princeton	1,137,352	3.39	3,855,623.28	0.81
Richardson	10,586,918	3.39	35,889,652.02	0.81
Rockwall	4,739,824	3.39	16,068,003.36	0.81
Royse City	846,122	3.39	2,868,353.58	0.81
Wylie	1,850,497	3.39	6,273,184.83	0.81
Total Members	101,759,093		\$ 344,963,325.27	
Customers:				
Ables Springs SUD	110,037	\$ 3.44	\$ 378,527.28	c
Bear Creek SUD	386,695	3.44	1,330,230.80	c
BHP WSC	170,892	3.44	587,868.48	c
Bonham	640,000	3.39 a	2,169,600.00	b
Caddo Basin SUD	493,610	3.44	1,698,018.40	0.86
Cash SUD	360,572	3.44	1,240,367.68	c
College Mound SUD	78,066	3.44	268,547.04	0.86
Copeville SUD	134,140	3.44	461,441.60	0.86
East Fork SUD	697,461	3.44	2,399,265.84	0.86
Fairview	964,308	3.44	3,317,219.52	c
Fate	279,932	3.44	962,966.08	0.86
Fate 2nd Dlvry Pt	645,054	3.44	2,218,985.76	0.86
Forney Lake WSC	632,848	3.44	2,176,997.12	c

WHOLESALE TREATED WATER RATES (continued)

Entity	Minimum Annual Demand 1,000 gallons	Water Rate per 1,000 gallons	Minimum Annual Charge	Excess Water Rate per 1,000 gallons
Gastonia Scurry SUD	110,490	\$ 3.44	\$ 380,085.60	c
GTUA	1,224,927	3.44	4,213,748.88	c
Josephine	211,535	3.44	727,680.40	c
Kaufman	459,989	3.44	1,582,362.16	c
Kaufman Four-One	555,695	3.44	1,911,590.80	0.86
Little Elm	1,804,752	3.44	6,208,346.88	b
Lucas	701,486	3.44	2,413,111.84	0.86
Melissa	350,960	3.44	1,207,302.40	0.86
Milligan WSC	149,894	3.44	515,635.36	b
Mt. Zion WSC	159,302	3.44	547,998.88	0.86
Murphy	1,661,494	3.44	5,715,539.36	0.86
Nevada SUD	76,886	3.44	264,487.84	0.86
Nevada SUD 2nd Dlvry Pt	70,985	3.44	244,188.40	b
North Collin SUD	355,962	3.44	1,224,509.28	c
Parker	633,119	3.44	2,177,929.36	0.86
Prosper	3,085,412	3.44	10,613,817.28	c
Rose Hill SUD	143,271	3.44	492,852.24	c
Rowlett	3,192,039	3.44	10,980,614.16	b
Sachse	1,332,153	3.44	4,582,606.32	0.86
Seis Lagos Utility District	165,598	3.44	569,657.12	0.86
Sunnyvale	783,784	3.44	2,696,216.96	b
Terrell	1,400,000	3.44	4,816,000.00	b
Wylie N.E. SUD	307,630	3.44	1,058,247.20	c
Wylie N.E. SUD 2nd Dlvry Pt	173,480	3.44	596,771.20	c
Total Customers	24,704,458		\$ 84,951,335.52	
Total	126,463,551		\$ 429,914,660.79	

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 \$3.44 / 1,000 gallons.

RETAIL TREATED WATER RATES - RESIDENTIAL

Minimum - First 2,000 Gallons	\$15.00
From 2,000 to 10,000 Gallons	\$6.88 per 1,000 Gallons
From 10,000 to 20,000 Gallons	\$8.76 per 1,000 Gallons
Above 20,000 Gallons	\$10.94 per 1,000 Gallons
Reconnect Fees	\$30.00

RETAIL TREATED WATER RATES - COMMERCIAL

From 0 to 10,000 Gallons	\$7.00 per 1,000 Gallons
Above 10,000 Gallons	\$8.76 per 1,000 Gallons
Reconnect Fees	\$30.00

NON-POTABLE WATER RATE

East Fork Raw Water Project	\$.74 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 2022-23 Fiscal Year.

BOIS D'ARC LAKE FEES

SHORELINE LEASE AND USE AGREEMENT

Activity / Facility	Applicaton Fee	Annual Fee
		\$325 for years 2 through 5 of a 5-year agreement
Dock	Application First Year: \$750	
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

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
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 2022-23 Fiscal Year.

121 REGIONAL DISPOSAL FACILITY CHARGES

- I. All Vehicles - \$45.00 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
 - \$20.00 per farm tractor or motor grader tire
 - No 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 \$27.65 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 - \$60.00 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 22, 2022, IN THE ADMINISTRATIVE OFFICES OF THE NTMWD.

NTMWD Water Operations Center

