NORTH TEXAS MUNICIPAL WATER DISTRICT

Regional. Reliable. Everyday.

STEWARDS OF THE FUTURE

WATER SERVICES

WASTEWATER SERVICES

SOLID WASTE SERVICES

NORTH TEXAS MUNICIPAL WATER DISTRICT
2021 – 2022 ANNUAL REPORT

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OUR VISION

REGIONAL SERVICE THROUGH UNITY: MEETING OUR REGION'S NEEDS TODAY AND TOMORROW

OUR MISSION

PROVIDE HIGH QUALITY AND DEPENDABLE WATER, WASTEWATER AND SOLID WASTE SERVICES IN A COST EFFICIENT MANNER

OUR GOALS

SERVICE
PROVIDE SUPERIOR WATER, WASTEWATER AND SOLID WASTE SERVICES TODAY AND TOMORROW

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

STEWARDS OF THE FUTURE

The visionary partnerships that formed the North Texas Municipal Water District (NTMWD) more than 70 years ago were sparked by our region's growth and set in motion an unprecedented cooperative movement to provide excellent service through unity. The spirit that launched NTMWD remains today, and our dedicated team delivers critical services through our Member Cities and Customers in up to 80 communities regionally.

These partnerships are the reason NTMWD is able to implement future-facing projects while maintaining responsible stewardship of our region's precious natural resources. We reached a crucial milestone this year with the dedication of Bois d'Arc Lake in Fannin County on October 14—the first major reservoir in Texas in more than 30 years.

The Bois d'Arc Lake project was a monumental task that none of us could have accomplished on our own. The collaborative effort is the perfect example of how NTMWD puts our principles into action through our four goals—Service, Stewardship, People, and Partnership.

NTMWD has a long history of excellence in financial stewardship and ethical transparency. We remain committed to meeting our current and future obligations to protect public health and the environment in a cost-effective manner across all of our service areas. We have a FY23 Capital Improvement Program (CIP) valued at $1 billion to address the growth in our service area, which adds 55,000 residents annually.

Capital investments continue to ensure service for our growing region, and improvements this year spanned a number of locations—the Wylie Water Treatment Plant, the Wilson Creek Regional Wastewater Treatment Plant (RWWTP), the South Mesquite Creek RWWTP, Lower Rowlett Creek and Lower Cottonwood Creek Lift Stations, Forney Mustang Creek Lift Station, McKinney Lift Station, and the 121 Regional Disposal Facility. The Leonard Water Treatment Plant will go online in 2023, and the Sister Grove Regional Water Resource Recovery Facility will go online in 2024.

We faced many challenges in 2022 including the economic impacts of unstable chemical costs and increasing construction costs. We also weathered a regional call for critical water conservation efforts. Our long-standing partnerships with our Member Cities and Customers helped us meet these challenges with successful outcomes.

It is a great personal and professional honor of mine to lead the District's team of more than 850 employees. Every day, NTMWD employees ensure that North Texans in our 2,200-square-mile region receive safe drinking water and reliable wastewater and solid waste services. We work quietly behind the scenes to maintain uninterrupted essential services around the clock. I'm proud to be a member of this team, and to support our mission-critical promise to deliver reliable services that meet the needs of our region today and matches our vision as stewards of the future.

JENNAFER P. COVINGTON
Executive Director/General Manager

WATER

TRINITY RIVER MAIN STEM PUMP STATION

NTMWD EMPLOYEES PROVIDE ESSENTIAL, SAFE DRINKING WATER EVERY DAY TO OUR FAST-GROWING REGION.

More than 2 million North Texans enjoy reliable access to safe drinking water because of the hard work and dedication of our employees. The NTMWD team works around the clock delivering essential water and protecting the public health of up to 80 communities in our region. The number of residents in the District's service area is anticipated to grow to 3.7 million people by 2050. The recent completion of construction at Bois d'Arc Lake will be a major source of supply in the years to come.

Daily activities include maintenance of plants, pump stations, and pipelines spanning 2,200 square miles across 10 counties. In addition, NTMWD employees collect hundreds of water samples each day to ensure the highest standards of water quality that are monitored in our state-certified laboratory. The water that NTMWD produces consistently meets or exceeds all federal and state health and regulatory standards and earns the "Superior" rating from Texas Commission on Environmental Quality (TCEQ).

NTMWD continues its commitment to future-facing planning through:

- *Wylie Water Treatment Plant improvements*
- *Diverting up to 90 MGD through the East Fork Water Reuse Project*
- *Continued progress of the water conveyance system pipeline and valve improvements*
- *Construction of a 7th water treatment plant in Leonard, TX*
- *Ongoing long-range water supply planning efforts to identify and develop future water supplies*
- *Pursuing various other innovative water sources, water savings and strategic partnerships*

STRATEGIC OBJECTIVE HIGHLIGHT

PARTNERSHIPS:

NTMWD has enjoyed more than 70 years of collaborative partnerships with our Member Cities and Customers.

These dynamic partnerships allowed us to keep delivering essential water to the 2 million North Texans that rely on it this summer. Due to longstanding drought conditions and peak demand, our Member Cities and Customers heeded the call to conserve water together in July and August.

NTMWD crews worked around the clock to perform critical maintenance at the Wylie Water Treatment Plant Complex while our partners helped spread the word that conservation efforts were needed. Together, we were able to preserve and maintain crucial water resources. Proactive partnerships is the third goal of the Strategic Plan adopted this year.

QUICK FACTS | 5 MAJOR WATER SOURCES

LAVON LAKE · JIM CHAPMAN LAKE · LAKE TEXOMA
LAKE TAWAKONI · EAST FORK WATER REUSE PROJECT

QUICK FACTS | RECIPIENTS

UP TO 80 MEMBER AND CUSTOMER COMMUNITIES

FY22 FAST FACTS

6
WATER TREATMENT PLANTS

695+
MILES OF WATER TRANSMISSION LINES

136
WATER EMPLOYEES

121 BILLION
GALLONS OF TREATED WATER
FY22 ANNUAL MINIMUM

32 BILLION
GALLONS OF WATER RE-USED ANNUALLY

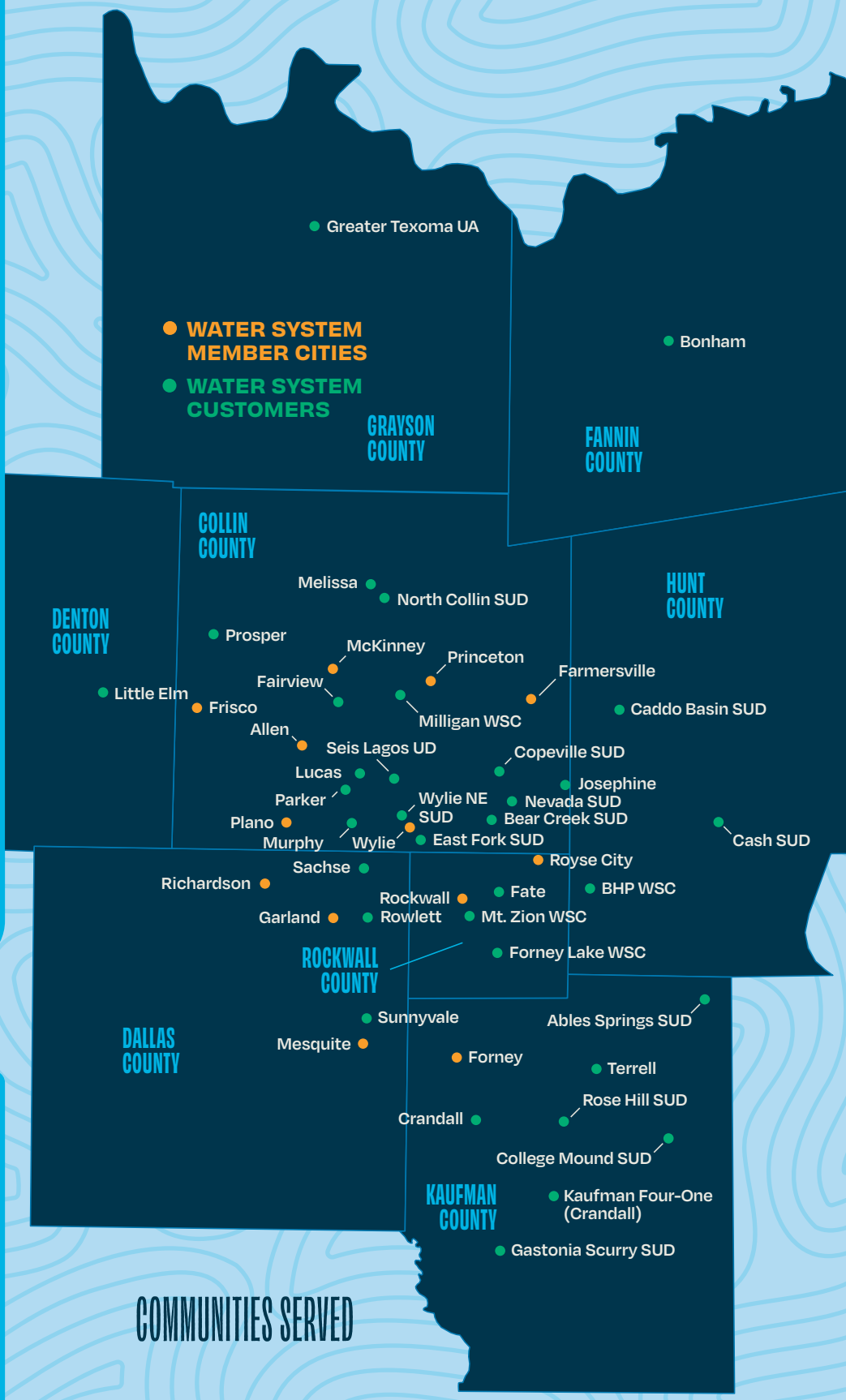
$186.8 MILLION
IN WATER SYSTEM CONSTRUCTION CONTRACTS AWARDED IN FY22

ANNUAL AVG. WATER USE

81% MEMBER CITIES

19% CUSTOMERS

COMMUNITIES SERVED



BOIS D'ARC LAKE

October 14, 2022 marked a historic milestone for NTMWD as hundreds gathered to celebrate the completion of construction on Bois d'Arc Lake and its reservoir components. Bois d'Arc Lake received final approval and registration by the TCEQ as a new potable water source in the State of Texas—the first of which the District holds singular rights to since 1953 when Speaker Sam Rayburn dedicated Lavon Dam. Bois d'Arc Lake will deliver essential, safe drinking water to the region and will lay the groundwork for unprecedented economic growth in Fannin County and outlying areas through strategic partnerships. Bois d'Arc Lake will also bring new recreational opportunities and support wildlife habitats.

Completing the construction on this project that has been more than 30 years in the making is a major achievement for the District. Not only did the Bois d'Arc Lake construction project award $70M to local contractors, it also employed extra workers during peak activities. Our team of employees share our commitment to responsible stewardship and were an integral part of caring for the land during the construction process. Caretaking the ancestral lands that the lake now sits on is an extraordinary responsibility. NTMWD is wholly committed to supporting conscious economic growth around Bois d'Arc Lake while protecting and preserving our collective environmental resources and deploying our financial resources in a manner that benefits all North Texans for many years to come.

Visit **BoisdArcLake.org** for more information.

BOIS D'ARC LAKE

BOIS D'ARC LAKE DAM

BOIS D'ARC LAKE
OPERATIONS CENTER

2022 ACCOMPLISHMENTS

- *Bois d'Arc Lake dam, intake, and spillway are complete.*
- *Received final approval and registration by the TCEQ as a new potable water source in the State of Texas.*
- *Completed all contract items related to CMAR 4–FM897 bridge, county roads, Lake Operations Center, and boat ramps. Work continues on contract closure and the floating boat dock contractual strategy to allocate a portion back to the District.*
- *Operations staff moved into the Lake Operations Center.*
- *Leonard Water Treatment Plant (WTP) Operations Building and the maintenance warehouse are substantially complete, and NTMWD teams took occupancy in August 2022. The Control Room at the Operations Building is fully complete and functional.*
- *Completed field demonstration tests and operational readiness tests at the raw water pump station, intake and dam service spillway, and the Leonard WTP.*
- *Completed high service pump station uncoupled pumps equipment test. Work continues to prepare for coupled test.*
- *Assembled all regulatory required documentation and submitted Surface Water Treatment Process (SWTP Step 2) to TCEQ.*
- *Completed all lake and dam documentation handover from Engineering to Operations: Lake Operations Plan, Dam Emergency Action Plan and Operations Plan, and Accounting Plan.*
- *Worked with local stakeholders to develop a Watershed Protection Plan for Bois d'Arc Lake which was accepted by EPA in 2022.*

WASTEWATER

SISTER GROVE REGIONAL WRRF

NTMWD WASTEWATER EMPLOYEES PROTECT PUBLIC HEALTH AND THE ENVIRONMENT IN 24 NORTH TEXAS COMMUNITIES.

The District is fortunate to have employees who share our commitment to protecting and preserving public health and the environment. Now, 24 communities rely on our Wastewater Team to provide critical wastewater management services every day. NTMWD wastewater conveyance and treatment facilities never stop working, and our employees operate and maintain a complex system that spans hundreds of miles of pipeline, pumps, and state-of-the-art treatment technologies.

NTMWD facilities can convey and treat up to 163 million gallons of wastewater daily. After treatment, our Wastewater Team tests it against 18 different parameters and delivers approximately 2,500 results each month. The District is proud to consistently meet or exceed regulatory requirements for our cleaned and treated wastewater that is released back into local waterways.

NTMWD is dedicated to achieving excellence in systems maintenance and service quality through the following improvements:

- *South Mesquite Creek RWWTP flow handling secondary clarifier*
- *Wilson Creek RWWTP advanced treatment and headworks project*
- *Ongoing construction on Sister Grove Regional Water Resource Recovery Facility—anticipated operations in 2024*
- *Forney Mustang Creek Lift Station was completed and is fully operational, increasing capacity from 24 MGD to 30 MGD*
- *Floyd Branch RWWTP Peak Flow and UV Improvements—Peak Flow, Filter, and Operations Building Construction*

STRATEGIC OBJECTIVE HIGHLIGHT

RELIABLE AND RESILIENT SYSTEMS:

NTMWD proactively manages inflow and infiltration (I&I) within the wastewater conveyance system. I&I is excess water that flows into sewer pipes from groundwater and stormwater and reduces the ability to transport and treat wastewater. This year, we conducted meetings with the members of the Upper East Fork Interceptor System (UEFIS) to provide updates to each Member City.

The members were encouraged to consider potential I&I improvements in the areas that contribute to the flow meters that observed high peaking factors, and were very supportive. Successful reduction in I&I allows all of our systems to work more efficiently and reduces the requirement for infrastructure and plant expansions. Partnering with communities to reduce I&I in their systems ultimately saves money for both the Cities and the District.

QUICK FACTS | CURRENT WASTEWATER OPERATIONS

OVERALL SYSTEM IS AT 74% OF TOTAL CAPACITY WITH SOME PLANTS REGULARLY OPERATING BEYOND NORMAL FLOWS DURING STORM EVENTS.

QUICK FACTS | WASTEWATER RECIPIENTS

1.4 MILLION RESIDENTS IN 13 MEMBER CITIES AND 11 OTHER CUSTOMER COMMUNITIES

FY22 FAST FACTS

13
WASTEWATER TREATMENT PLANTS

237
MILES OF LARGE-DIAMETER WASTEWATER PIPELINES

242
WASTEWATER EMPLOYEES

40.5 BILLION
ESTIMATED GALLONS OF WASTEWATER FLOWS

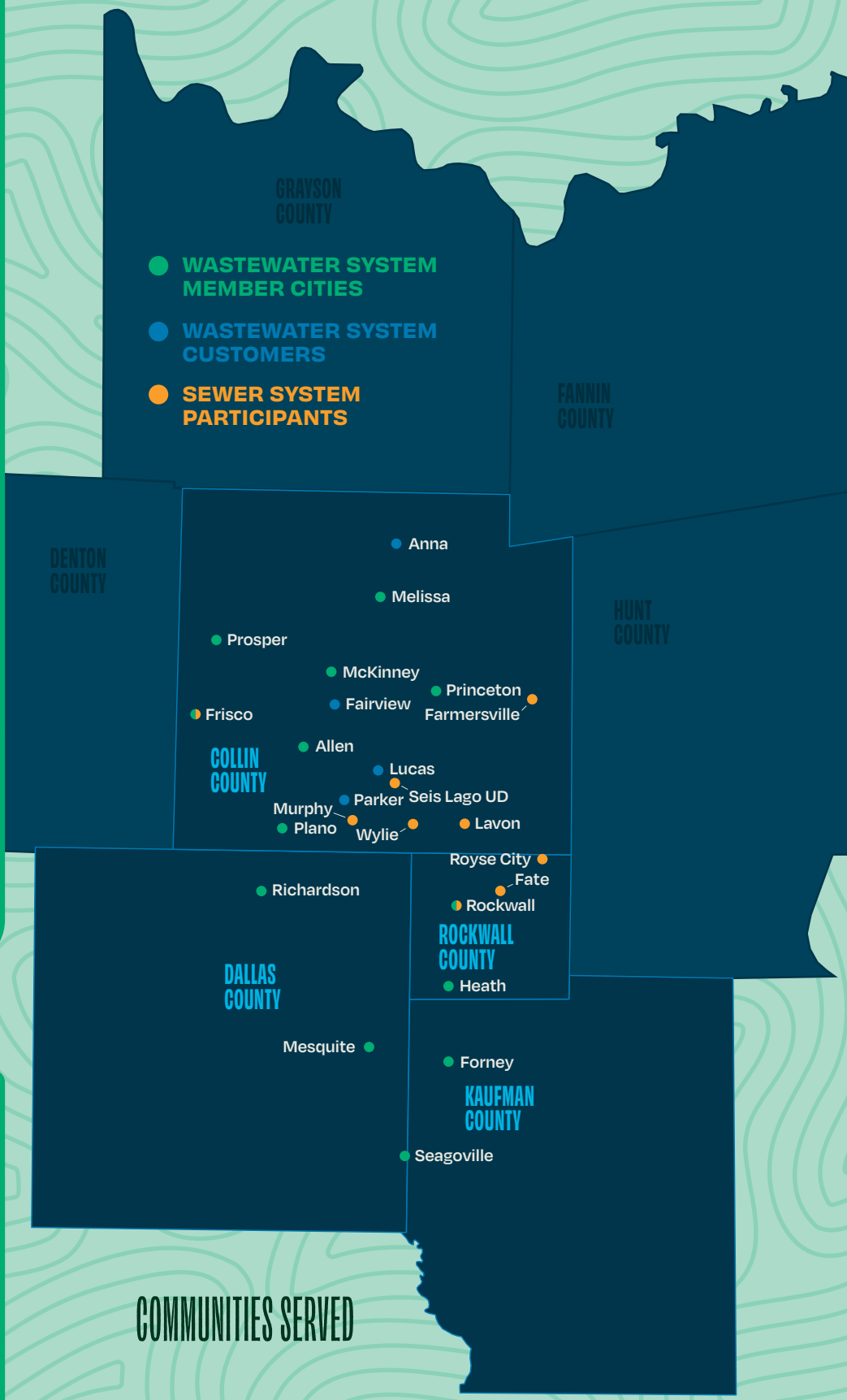
$186.3 MILLION
IN REGIONAL WASTEWATER, CONVEYANCE AND SEWER SYSTEM CONSTRUCTION CONTRACTS AWARDED IN FY22

163.5 MGD
(MILLION GALLONS/DAY)
WASTEWATER TREATMENT CAPACITY ANNUAL AVERAGE

15 BILLION GALLONS
OF TREATED WASTEWATER IS RETURNED TO THE EAST FORK OF THE TRINITY RIVER WATERSHED TYPICALLY EACH YEAR FOR REUSE

20 BILLION GALLONS
OF TREATED WASTEWATER IS RETURNED TO LAVON LAKE TYPICALLY EACH YEAR FOR REUSE

COMMUNITIES SERVED



SOLID WASTE

121 REGIONAL DISPOSAL & FLEET MAINTENANCE FACILITY

NTMWD SOLID WASTE TEAM MEMBERS EFFECTIVELY MANAGE ONE MILLION TONS OF WASTE EACH YEAR IN OUR COMMUNITIES.

NTMWD employs professionals on our Solid Waste Team who are passionate about properly and effectively managing the transport and disposal of tons of waste each year through our regional solid waste system. Five Solid Waste Member Cities, plus other communities in the surrounding area, rely on NTMWD for daily operations of transfer station collection sites and our regional disposal facility for safe and efficient waste management.

The District's dedicated professional staff interacts with the public hundreds of times each day and carries out our mission of providing reliable, customer-centric essential services. Every day, transfer station operations are completed, 18-wheel transfer trucks are driven for waste transfer, and 60-ton landfill compactors are operated by our Solid Waste Team. Our employees also oversee and monitor the landfills within the District, and partner with external agencies to recycle or compost as much material as possible. All of these critical services are executed in full compliance with state and federal regulations.

NTMWD is dedicated to achieving excellence in our solid waste service category. Some of our highlights include:

- *Implementing processes that decrease vehicle emissions and save money during waste transit.*
- *Partnering with the City of Plano on a composting program that helps divert about 50,000 tons of yard waste from the landfill each year.*
- *Partnering with Morrow Renewables on a state-of-the-art facility that captures landfill gas and converts it to clean, renewable natural gas.*
- *Completed 121 Regional Disposal Facility intermediate cover improvement project.*

STRATEGIC OBJECTIVE HIGHLIGHT

RELIABLE AND RESILIENT SYSTEMS:

Maximizing the Site Life of the 121 Regional Disposal Facility is a major initiative, and significant progress has already been made. Effectively managing the waste consumed each year extends the life of the landfill, reducing future capital costs. This is achieved by improving two operations at the landfill: waste placement and soil processing.

This year, all Heavy Equipment Operators were retrained with new optimum waste handling procedures to maximize compaction rates. In an effort to reduce the soil necessary to comply with our permit requirements, an Alternate Daily Cover (ADC) program was permitted with the TCEQ. In the last 6 months, the program has seen a 50 percent reduction in soil usage compared to the previous year.

QUICK FACTS | SOLID WASTE

MEMBER CITIES: ALLEN, FRISCO, MCKINNEY, PLANO, RICHARDSON
COUNTIES SERVED: COLLIN, DALLAS, DENTON, FANNIN, GRAYSON, HUNT

QUICK FACTS | CURRENT LANDFILL

CURRENT LANDFILL EXPECTED TO MEET THE SOLID WASTE NEEDS OF OUR REGION FOR THE NEXT 38 YEARS

FY22 FAST FACTS

4

CITIZEN DROP-OFF CENTERS

113

EMPLOYEES

OVER **50K** TONS

OF YARD & ORGANIC WASTE
COMPOSTED ANNUALLY

3,800 TONS

OF SOLID WASTE DISPOSED PER DAY AT 121 REGIONAL DISPOSAL FACILITY

1 MILLION TONS

OF SOLID WASTE DISPOSED EACH YEAR

$1.58 MILLION

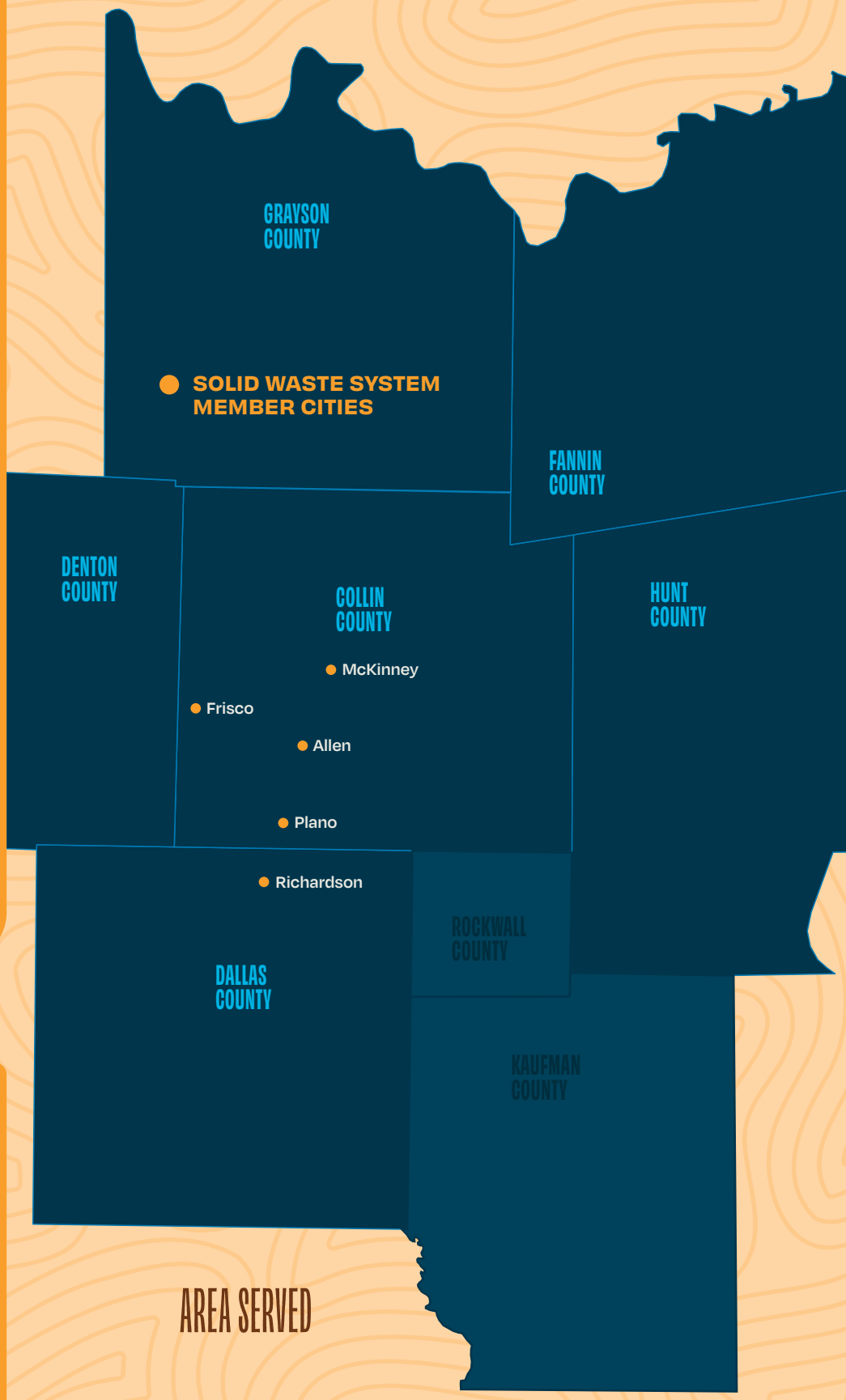
IN SOLID WASTE CONSTRUCTION CONTRACTS
AWARDED IN FY22

3

TRANSFER STATIONS PERMITTED TO PROCESS UP TO

3,370 TONS

OF SOLID WASTE PER DAY



AREA SERVED

OUR 2022 - 2027 STRATEGIC PLAN

GOAL 01 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

GOAL 02 STEWARDSHIP

RESPONSIBLY MANAGE PUBLIC RESOURCES TO ENSURE RESPONSIVENESS, EFFECTIVENESS AND EFFICIENCY

- OBJECTIVE 2.1 — EFFICIENT BUSINESS PRACTICES
- OBJECTIVE 2.2 — CONSCIENTIOUS ENVIRONMENTAL STEWARDSHIP
- OBJECTIVE 2.3 — RIGOROUS FINANCIAL MANAGEMENT
- OBJECTIVE 2.4 — SYSTEMATIC RISK MANAGEMENT

OUR VISION

REGIONAL SERVICE THROUGH UNITY:
MEETING OUR REGION'S NEEDS TODAY AND TOMORROW

GOAL 03

PARTNERSHIP

ACTIVELY COLLABORATE WITH MEMBERS, CUSTOMERS, PARTNERS, EMPLOYEES AND STAKEHOLDERS

OBJECTIVE 3.1

WELL-INFORMED AND EDUCATED PUBLIC

OBJECTIVE 3.2

ENGAGED MEMBERS, CUSTOMERS AND STAKEHOLDERS

OBJECTIVE 3.3

DURABLE STRATEGIC PARTNERSHIPS

OBJECTIVE 3.4

EFFECTIVE ORGANIZATIONAL COMMUNICATION

GOAL 04

PEOPLE

BUILD A TALENTED, COMPETENT AND COMMITTED TEAM

OBJECTIVE 4.1

HIGHLY SKILLED WORKFORCE

OBJECTIVE 4.2

SAFE AND HEALTHY EMPLOYEES

OBJECTIVE 4.3

PERFORMANCE-DRIVEN CULTURE

OUR MISSION

PROVIDE HIGH QUALITY AND DEPENDABLE WATER, WASTEWATER AND SOLID WASTE SERVICES IN A COST EFFICIENT MANNER

INVESTING IN TOMORROW, TODAY

WYLIE WATER TREATMENT PLANT II SEDIMINTATION BASIN

The District is committed to proactive partnerships with our Member Cities and Customers. This year was particularly challenging as the market price for chemicals increased exponentially. We successfully navigated the volatile supply chain and weathered an extended threat of a railroad strike as well as one of the toughest summer droughts in recent years. We maintained our rates through the pandemic and communicated a necessary rate adjustment due to these significant challenges this year. The investments we make in infrastructure and maintenance are critical to our ability to continue delivering these services safely and reliably.

A healthy number of infrastructure improvement projects were completed this year:

- *Pipeline Relocations at FM 2478 (Custer Road)*
- *Wylie Water Treatment Plant II Sedimentation Basins Troughs Improvements*
- *North System Air Valve Improvements, Phase 1*
- *121 Regional Disposal Facility Intermediate Cover Improvements (Construction)*
- *Wilson Creek RWWTP Advanced Treatment and Headworks Improvements*
- *Rockwall to Royse City Pipeline No. 2 & East System Ground Storage Tank*
- *South Mesquite Creek RWWTP Influent Flow Handling and Secondary Clarifier Improvements*
- *Renner Road to Plano Delivery Point No. 2 Pipeline*
- *Wilson Creek RWWTP Electrical Improvements, Phase II*
- *McKinney Lift Station Improvements*
- *Wilson Creek RWWTP Maintenance Facility & Solids Operations Facility*
- *UEFIS Parking and Storage Facilities at Wilson Creek RWWTP*
- *Forney Mustang Creek Lift Station, Phase 1*

MCKINNEY LIFT STATION

WILSON CREEK RWWTP ADVANCED TREATMENT AND HEADWORKS

PLANNING FOR THE FUTURE

To to keep the promise of our vision statement—meeting our region's needs today and tomorrow—the District is actively planning for the future needs of our service area. Water, wastewater, and solid waste projects integral to delivering ongoing, reliable service in the years to come are all underway.

Now that construction is complete on Bois d'Arc Lake, the first reservoir in the state in more than three decades, concentrated work on the surrounding watershed and recreational areas in Fannin County will begin. In April, the U.S. Environmental Protection Agency (EPA) accepted the District's new watershed protection plan, marking our second plan approved by the EPA. This makes projects and initiatives included in the plan eligible to receive federal funding.

Strategic planning is an important function of the District. The Board of Directors, employees, and key partners provided valuable input, and significant strides were taken to adopt an actionable and measurable Strategic Plan that will provide guidance through 2027.

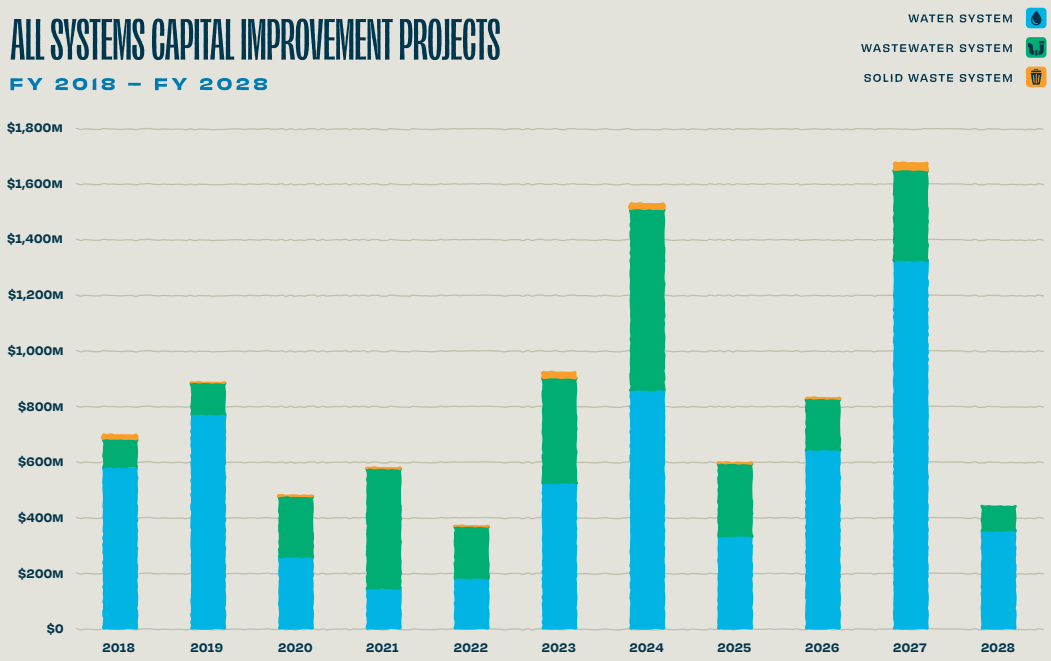
Additionally, the District completed an Independent Financial Review of our Regional Water Sysyem, which took a deep dive into our financial philosophies and processes.

The findings presented an overall positive view of the District's finances, and a series of recommendations for further improvements were made—most of which were adopted by the Board and implemented by our dedicated employee teams.

At the close of FY22, NTMWD was actively working 65 major projects requiring an investment of over $2.2 billion.
In order to support the explosive population growth in our service area, the District will continue to commit to funding the necessary infrastructure maintenance and improvements on our water, wastewater, and solid waste systems. These are the key drivers of our annual budget, along with anticipatory funding for regulatory changes. As always, the District is committed to responsible financial stewardship and actively seeks out ways to reduce costs while maintaining a standard of excellence.

ALL SYSTEMS CAPITAL IMPROVEMENT PROJECTS

FY 2018 – FY 2028



65

MAJOR ACTIVE CONSTRUCTION PROJECTS

MORE THAN

$2.2 BILLION

PROJECT VALUE

STEWARDSHIP

NTMWD is wholly committed to responsible stewardship of the precious natural, environmental and financial resources under our care. Water conservation and reuse are central tenets of how we serve the region. The District is future-facing in our financial and resource planning efforts to ensure access to safe drinking water for all North Texans as our region continues to grow.

WATER CONSERVATION

The year was filled with many firsts. Public Education & Outreach participated in Soil and Water Stewardship week by hosting classes and giveaways. This paved the way for the new virtual Lunch & Learn series led by TAMU AgriLife experts. In the spirit of cooperation, NTMWD, City of Frisco and City of McKinney coordinated the region's first *No Water No Beer* trivia night. Water4Otter returned to school with 22 performances for 4,100 students.

ENERGY

The NTMWD water operations team implemented energy-saving efforts under the 4 Coincident Peaks (4CP) initiative which reduces pumping in the hot peak hours of the summer months. Water pumping loads at our main Wylie Water Treatment Plant are reduced from June 1 to September 30. The 4CP efforts for the summer of 2022 resulted in a $1.4 million cost avoidance in our wholesale energy and delivery fees.

WATERSHED PROTECTION

The U.S. Environmental Protection Agency accepted the Bois d'Arc Lake Watershed Protection Plan (WPP) as meeting the agency's guidelines for watershed-based plans. The Bois d'Arc Lake WPP will help improve and protect water quality in the watershed. NTMWD led development of the plan and numerous stakeholders, along with representatives from state and federal agencies, helped to shape the final plan. Maintaining healthy watersheds is vital for the protection of aquatic environments and water sources, including Bois d'Arc Lake.

WATER REUSE

The District built and uses the nation's largest manmade wetland to naturally polish wastewater effluent for reuse. Once through the wetlands, the water is piped 44 miles north to Lavon Lake, where it is stored for future treatment. The East Fork Water Reuse Project has reused approximately 130 billion gallons of water since its inception in 2009. John Bunker Sands Wetland Center was the recipient of the 2022 Texas Leopold Conservation Award, the state's highest honor for private land conservation.

COMMUNICATION

The NTMWD communications team continues to partner with Member City and Customer organizations to provide the latest information about our water, wastewater and solid waste services. We communicated important messages around the summer drought and rate adjustments this year. We consistently maintain and update numerous fact sheets associated with the safety of the water and services related to wastewater and solid waste, which are then distributed by NTMWD. District news updates are delivered on our website, through the media, e-newsletters, and social media. NTMWD also hosted a dedication ceremony to commemorate the end of construction of Bois d'Arc Lake in October, a major milestone in the history of the District.

ACHIEVEMENTS

We are proud of our highly skilled teams of employees that make the District so successful. This past year, many individuals and teams were recognized for their excellence in services across the organization.

2022 ACHIEVEMENTS

FEBRUARY

- *Platinum, Gold, and Silver Awards from National Association of Clean Water Agencies at 11 Wastewater facilities*
- *The Finance Department received its second Distinguished Budget Presentation Award from the Government Finance Officers Association*

MARCH

- *2022 WateReuse Award for Excellence as a Community Water Champion for NTMWD's approach to water reuse for water management challenges and advancing policies that lead to greater adoption of water recycling*

APRIL

- *NTMWD Named Engineering News-Record Texas & Louisiana Owner of the Year*
- *Operations Challenge Team – named Centrifugal Force won First Place at Texas Water 2022 and Second Place at the national WEFTEC 2022 competition in New Orleans*
- *Fleet Department Named Top 100 Fleet List–2022 NAFA Fleet Management Association 100 Best Fleets in the Americas*
- *American Water Works Association Water Conservation and Reuse Award (large utility) for Industrial, Commercial and Institutional Customer Analysis*
- *Watermark Award for "Water is Awesome" received in conjunction with regional partners City of Dallas Water Utilities and Tarrant Regional Water District*
- *Honorable Mention Watermark Award for our "Water4Otter" youth eduction program*

MAY

- *John Bunker Sands Wetland Center received the prestigious 2022 Texas Leopold Conservation Award*

SEPTEMBER

- *The Procurement Department received the 2022 Achievement of Excellence in Procurement Award from the National Procurement Institute*

OCTOBER

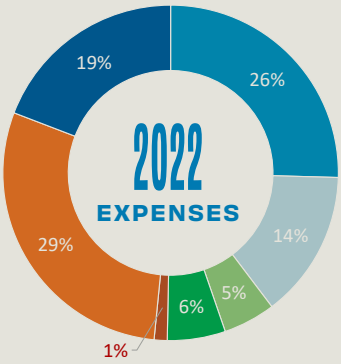
- *Texas Optimization Program (TOPs) Special Recognition Award - 5th year consecutive award for Wylie WTP IV*

NOVEMBER

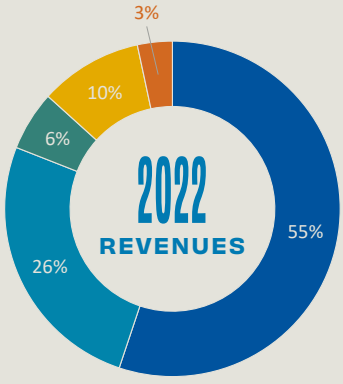
- *TxSWANA Jimmy Huff Safety Award – Certificate of Achievement for the Solid Waste Department*

FINANCIAL HIGHLIGHTS

	2022	2021	2020	2019	2018	2017
Total Operating Revenues	$ 671,729,828	$ 644,002,832	$ 616,687,602	$ 516,892,284	$ 484,209,991	$ 439,923,445
Total Operating Expenses	$ 449,258,007	$ 458,971,448	$ 394,966,412	$ 289,482,162	$ 264,672,663	$ 253,691,088
Interest Expenses	$ 106,863,739	$ 114,251,769	$ 119,601,854	$ 116,746,379	$ 90,004,57	$ 68,257,962
Net Position (end of year)	$ 1,953,327,959	$ 1,824,586,802	$ 1,749,807,428	$ 1,619,182,701	$ 1,451,891,180	$ 1,334,208,144
Capital Assets, Net	$ 5,081,560,687	$ 4,649,149,347	$ 4,159,809,086	$ 3,610,359,013	$ 3,063,400,855	$ 2,732,146,098
Total Assets	$ 6,556,421,961	$ 6,423,324,373	$ 6,263,147,426	$ 5,465,236,425	$ 4,712,432,955	$ 3,700,676,525
Total Liabilities	$ 4,631,206,085	$ 4,633,703,722	$ 4,540,971,248	$ 3,887,092,156	$ 3,293,884,127	$ 2,397,722,744
Total Outstanding Debt	$ 4,138,855,000	$ 4,171,300,000	$ 4,101,122,694	$ 3,445,445,306	$ 2,938,457,923	$ 2,065,757,110
Long-Term Bond Ratings						
Water System	Aa1/AAA	Aa1/AAA	Aa2/AAA	Aa2/AAA	Aa2/AAA	Aa2/AAA
Wastewater System	Aa2/AAA	Aa2/AAA	Aa2/AAA	Aa2/AAA	Aa2/AAA	Aa2/AAA
Solid Waste System	Aa2/AA+	Aa2/AA	Aa2/AA	Aa2/AA	Aa2/AA	Aa3/AA-
Interceptor System	Aa1/AAA	Aa1/AAA	Aa1/AAA	Aa1/AAA	Aa1/AAA	Aa1/AAA



- PERSONNEL & INSURANCE $114,294,282
- CHEMICALS $64,014,290
- OTHER SUPPLIES $22,599,352
- ELECTRIC POWER $25,174,261
- WHOLESALE WATER PURCHASES $5,643,558
- OTHER SERVICES $131,405,665
- DEPRECIATION AND AMORTIZATION $86,126,599



- WATER SALES $370,408,583
- WASTEWATER SERVICE FEES $173,430,008
- SOLID WASTE SERVICE FEES $38,586,524
- INTRAGOVERNMETAL $66,725,390 (administrative allocations within Support Fund)
- OTHER OPERATING REVENUES $22,579,323

JUNE 2021 THROUGH MAY 2022

BOARD OF DIRECTORS

ALLEN
Joe Farmer

ALLEN
James Kerr

FARMERSVILLE
George Crump

FORNEY
Kalen Boren

FORNEY
John Carr

FRISCO
Richard Peasley
Secretary

FRISCO
Lynn Shuyler

GARLAND
Don Gordon

GARLAND
Jack May
Vice President

MCKINNEY
Robert Appolito

MCKINNEY
Geralyn Kever

MESQUITE
Terry Sam Anderson

MESQUITE
Brenda Jean Patrick

PLANO
Phil Dyer
President

PLANO
Ron Kelley

PRINCETON*
Jody W. Sutherland

PRINCETON
Larry Thompson

RICHARDSON
John Murphy

RICHARDSON
John Sweeden

ROCKWALL
Chip Imrie

ROCKWALL
Larry Parks
Past President

ROYSE CITY
David Hollifield

ROYSE CITY
Blair Johnson

WYLIE
Marvin Fuller

WYLIE
Keith Stephens

** Marlo Obera served until December 2021.*

EXECUTIVE TEAM*

JENNA COVINGTON, P.E.
EXECUTIVE DIRECTOR/
GENERAL MANAGER

CESAR BAPTISTA
DEPUTY DIRECTOR,
ENGINEERING & CAPITAL
IMPROVEMENT PROGRAMS

JEANNE CHIPPERFIELD
DEPUTY DIRECTOR,
ADMINISTRATIVE SERVICES

BILLY GEORGE, P.E.
DEPUTY DIRECTOR,
WATER & WASTEWATER

JEFF MAYFIELD, P.E.
DEPUTY DIRECTOR,
SOLID WASTE &
INTEGRATED SERVICES

DAVID BREWSTER
ASSISTANT DEPUTY,
WASTEWATER

BRIAN BROOKS
BOARD LIAISON AND ASSISTANT
TO THE GENERAL MANAGER

ZEKE CAMPBELL
ASSISTANT DEPUTY,
WATER TREATMENT
AND CONVEYANCE

ERIK FELTHOUS
ASSISTANT DEPUTY, FINANCE

MIKE FRIESEN
ASSISTANT DEPUTY,
SOLID WASTE

WAYNE LARSON, APR, CPC
DIRECTOR OF
COMMUNICATIONS

R.J. MURASKI, PMP
ASSISTANT DEPUTY,
CAPITAL IMPROVEMENT
PROGRAMS/PLANNING

DAVE PATTON
ASSISTANT DEPUTY,
MAINTENANCE

IKE OBI
ASSISTANT DEPUTY,
HUMAN RESOURCES

GALEN ROBERTS
ASSISTANT DEPUTY,
WATER RESOURCES

JIM SHIRLEY
ASSISTANT DEPUTY,
INFORMATION TECHNOLOGY

MARK SIMON, P.E.
ASSISTANT DEPUTY,
ENGINEERING

** as of September 30, 2022*

NORTH TEXAS MUNICIPAL WATER DISTRICT

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