



**Metropolitan Water  
Reclamation District  
of Greater Chicago**

# 2025 Budget



**2025 EXECUTIVE DIRECTOR'S RECOMMENDATIONS**  
OCTOBER 15, 2024



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished  
Budget Presentation  
Award*

PRESENTED TO

**Metropolitan Water Reclamation District of Greater Chicago  
Illinois**

For the Fiscal Year Beginning

**January 01, 2024**

*Christopher P. Morill*

**Executive Director**

The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to Metropolitan Water Reclamation District of Greater Chicago, Illinois for its Annual Budget for the fiscal year beginning January 1, 2024. In order to receive this award, a governmental unit must publish a budget document that meets program criteria as a policy document, as a financial plan, as an operations guide, and as a communications device.

The 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.



# Metropolitan Water Reclamation District of Greater Chicago

# 2025 Budget

## Executive Director's Recommendations

October 15, 2024

### Officers

**Brian A. Perkovich**

Executive Director

**Allison Fore**

Public & Intergovernmental Affairs Officer

**Sean T. Kelly**

Director of Information Technology

**Thaddeus J. Kosowski**

Director of Human Resources

**Darlene A. LoCascio**

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**Steven J. Lux**

Treasurer

**Susan T. Morakalis**

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**John P. Murray**

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**Catherine A. O'Connor**

Director of Engineering

**Edward W. Podczewinski**

Director of Monitoring & Research

**Shellie A. Riedle**

Administrative Services Officer

**Jacqueline Torres**

Clerk/Director of Finance

For additional copies of this document, contact:

Irene Green, Budget Officer

100 East Erie Street, Chicago, IL 60611-3154

[www.mwrd.org](http://www.mwrd.org)

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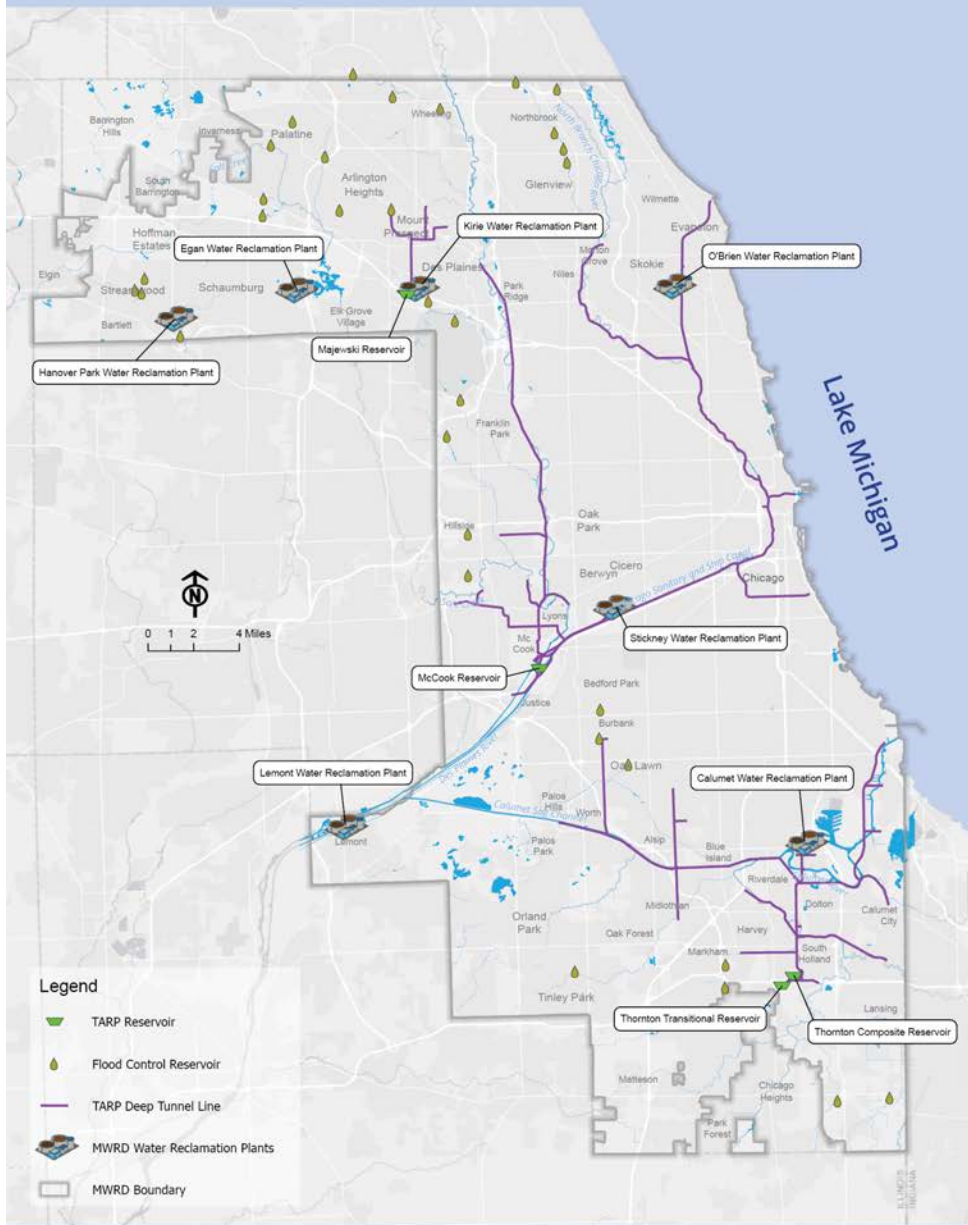
Commissioner

**Mariyana T. Spyropoulos**

Commissioner



# MWRD Summary of Wastewater Treatment Services



**RESIDENTS  
5.19 MILLION  
SERVED**



**882.1 SQUARE  
MILES SERVED**



**7 AWARD WINNING  
WATER RECLAMATION  
PLANTS**



**TREATMENT CAPACITY  
OVER 2.0 BILLION  
GALLONS PER DAY**



**NEARLY 500  
BILLION GALLONS  
TREATED PER YEAR**



**AVERAGE OF 1.2  
BILLION GALLONS  
TREATED PER DAY**



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**DESCRIPTION OF THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO:  
ITS HISTORY, LOCATION, SIZE, POPULATION, AND TYPE OF GOVERNMENT**

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**Origin and History**

The Metropolitan Water Reclamation District of Greater Chicago (District) is an independent government and taxing body encompassing approximately 93.3 percent of the land area and 98.0 percent of the assessed valuation of Cook County, Illinois.

The District is a separate legal entity sharing an overlapping tax base with the City of Chicago, the Chicago Board of Education, the County of Cook, the Cook County Forest Preserve District, the Chicago Park District, the Chicago Public Building Commission, the Cook County Community College District, and various municipalities and school districts outside the City of Chicago but within the District's boundaries.

The District was originally organized as the Sanitary District of Chicago in 1889 under an act of the Illinois General Assembly, which has been modified from time to time to increase the District's authority and jurisdiction. The enabling act in 1889 was in direct response to a long standing problem with contamination of the water supply and nuisance conditions of the rivers. The District reversed the flow of the Chicago and Calumet River Systems to stop the discharge of sewage to Lake Michigan and instead, discharge it to the Des Plaines River, where it could be diluted as it flowed into the Illinois River and eventually the Mississippi River. Prior to the District's construction of a 61.3-mile system of canals and waterway improvements, the Chicago and Calumet River Systems were tributaries to Lake Michigan. These river systems are now tributaries to the Illinois River system.

From 1955 through 1988, the District was called The Metropolitan Sanitary District of Greater Chicago. In order to provide a more accurate perception of the District's current functions and responsibilities, the name was changed effective, January 1, 1989, to the Metropolitan Water Reclamation District of Greater Chicago.

**Mission and Responsibilities**

The mission of the District is to protect the health and safety of the public in its service area, protect the quality of the water supply source (Lake Michigan), improve the quality of water in watercourses in its service area, protect businesses and homes from flood damages, and manage water as a vital resource for its service area.

The District collects wastewater from municipalities in its service area, conveys it to wastewater reclamation plants, provides full secondary treatment, and discharges clean water to local waterways. The District is also responsible for stormwater management for all of Cook County, including areas outside of the District's corporate boundaries for wastewater services.

**Services**

The District's seven modern water reclamation plants provide excellent treatment for residential and industrial wastewater, meeting permitted discharge limits virtually at all times. The treatment process is protected by a pretreatment program to guard against hazardous substances and toxic chemicals. These are strictly regulated pursuant to federal and state requirements. The District routinely monitors industries and non-residential sources to assure that wastes are disposed of in an environmentally responsible and lawful manner.

Treated wastewater, along with runoff from rainfall, enters local canals, rivers, and streams that serve as headwaters of the Illinois River system. Stormwater in the separate sewered area is controlled to reduce flood damages by a number of stormwater detention reservoirs. In the combined sewer area, the District's Tunnel and Reservoir Plan (TARP) has significantly reduced basement backup and overflows to local waterways.

Flow within the District's waterway system and the Lake Michigan discretionary diversion flow are controlled by three inlet structures on Lake Michigan: the Wilmette Pumping Station, the Chicago River Controlling Works, and the O'Brien Lock and Dam. The single outlet control structure is the Lockport Lock and Powerhouse.

While exercising no direct control over wastewater collection systems owned and maintained by cities, villages, sewer districts, and utilities, the District does control municipal sewer construction by permits outside the City of Chicago. It also owns a network of intercepting sewers to convey wastewater from the local collection systems to the water reclamation plants.

**Facilities**

The District is located primarily within the boundaries of Cook County, Illinois. The District serves an area of 882.1 square miles, which includes the City of Chicago and 128 surrounding suburban communities. The District serves an equivalent population of 12.72 million people; 5.19 million real people, a commercial and industrial equivalent of 5.29 million people, and a combined sewer overflow equivalent of 2.24 million people. The District's 560 miles of intercepting sewers and force mains range in size from 6 inches to 27 feet in diameter and are fed by approximately 10,000 local sewer system connections.

The TARP is one of the country's largest public works projects for pollution and flood control. Four tunnel systems total 110.4 miles of tunnels, eight to 33 feet in diameter and 150 to 300 feet underground. The tunnels are planned to empty into three large reservoirs to provide storage for the polluted water captured by TARP.

**DESCRIPTION OF THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO: ITS HISTORY, LOCATION, SIZE, POPULATION, AND TYPE OF GOVERNMENT**

The District owns and operates one of the world’s largest water reclamation plants, in addition to six other plants and 23 pumping stations. The District treats an average of 1.2 billion gallons of wastewater each day. The District’s total wastewater treatment capacity is over 2.0 billion gallons per day.

The District controls 76.1 miles of navigable waterways, which are part of the inland waterway system connecting the Great Lakes with the Gulf of Mexico. It also owns and operates 33 stormwater detention reservoirs to provide regional stormwater flood damage reduction.

The District recycles all of its biosolids through a farmland application program in nearby counties and local use of Exceptional Quality biosolids and composted biosolids in the Chicago metropolitan area.

**Governance**

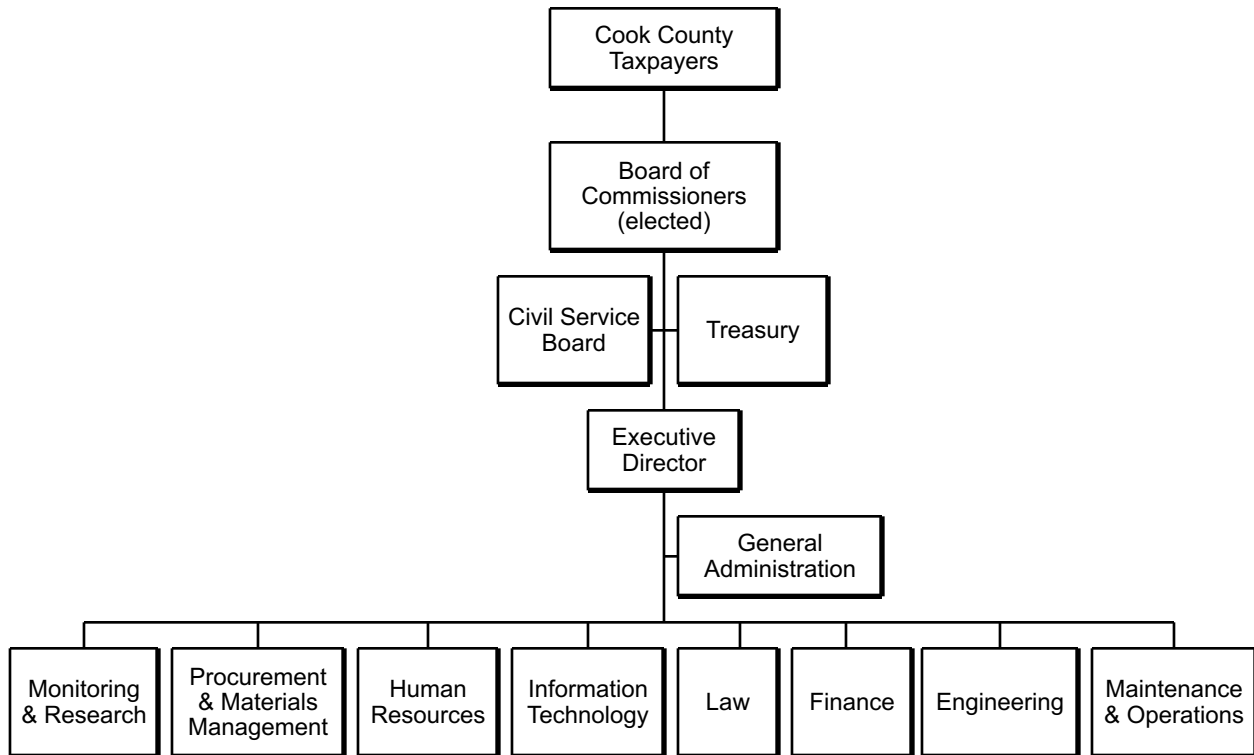
The District is governed by a nine-member Board of Commissioners (Board). Commissioners are elected at large and serve on a salaried basis. Three Commissioners are elected every two years for six-year terms. Biannually, the Board elects from its membership a President, Vice President, and Chairman of the Committee on Finance.

**Organization Structure**

The Executive Director, who reports directly to the Board, manages the District’s day-to-day operations. Eight appointed department heads report to the Executive Director.

The Treasurer of the District, its chief financial officer, is appointed by and reports directly to the Board.

General Administration, which includes the Administrative Services Division, Environmental Justice, Diversity, & Contract Compliance Section, and Public Affairs Section are direct staff and support units, reporting to the Executive Director.



# HOW TO USE THE DISTRICT’S BUDGET

The organization and presentation of the District’s Budget is designed to satisfy the needs of citizens, public officials, and District employees. It is organized in compliance with the Illinois Compiled Statutes and structured to meet external and internal managerial needs. As a comprehensive management and balanced financial plan, this document describes the programs, services, and resources the District provides, as well as policies and long-run financial plans.

The District’s Budget is organized as follows:

- 1) By Appropriation and Tax Levy Ordinances. Enacted by the Board of Commissioners under the authority of the Illinois Compiled Statutes, these are the legal authority allowing the District to carry out its legally mandated mission.
- 2) By Funds. These are the accounting entities segregating sums of money or other resources for the purpose of carrying on specific activities or government functions in accordance with certain legal restrictions or limitations.
- 3) By Department. These are the primary organizational units of the District.

The District’s Budget is presented in various sections, each providing the reader with specific information related to the District’s financial plans and services.

The sections are presented as follows:

- I. **BUDGET FOREWORD**. An introductory section that contains: the Executive Director's Budget Message; Strategic Plan; narratives on operational goals and accomplishments, major issues, policy and program changes; Budget Highlights; Financial Policies, Objectives, and Accomplishments; Policy Development and the Budget Process; and the beginning of the Annual Appropriation Ordinance, which gives the Budget legal authority. The full Appropriation Ordinance begins on page 32 and sections II through VII.
- II. **BUDGET AND FINANCIAL SUMMARIES, SCHEDULES, AND EXHIBITS**. These provide an overview of the District’s Budget and financial plans of the past, present, and future, including proposed tax levies, revenues, and appropriations.
- III. **FINANCIAL STATEMENTS BY FUND**. These contain detailed information on taxes and all other sources of revenue and expenditure, plus financial statements detailing current assets, current liabilities, and the amount of assets available for appropriation in 2025.
- IV. **CORPORATE FUND**. These present detailed information by department, and priority of activities, objectives, programs, performance measures, proposed line item expenditures, and staffing. The legend below shows the placement of data within the text boxes of the organizational charts. Each department provides actual, budgeted, and proposed full-time equivalent (FTE) positions over a three-year period. Salary schedules for pay plans and grades, as shown in the Position Analysis, are included in the Appendix.

Organization Unit Number		
Organization Unit Name		
2023	2024	2025
FTE	FTE	FTE
Count	Count	Count
Actual	Budgeted	Proposed

- V. **CAPITAL BUDGET**. The District’s current and long-term programs for capital construction, modernization, and rehabilitation are detailed in the Construction Fund and Capital Improvements Bond Fund.
- VI. **STORMWATER MANAGEMENT FUND**. The District’s current and long-term programs for the Stormwater Management Fund are detailed.
- VII. **OTHER FUNDS**. Information detailing the Reserve Claim Fund, Bond Redemption and Interest Sinking Funds, and the MWRD Retirement Fund is provided in this section.
- VIII. **TAX LEVY ORDINANCES**. These present the financial and management plan of the District as a legal document which coordinates and establishes the legal authority for the District to obtain and expend funds during the fiscal year.
- IX. **APPENDIX**. Information detailing the District’s compensation plan, glossaries, acronym list, awards, and organizational memberships. To aid the reader in finding specific information quickly, there is a Table of Contents inserted on the manila tabbed divider before each section.



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# SECTION I

## BUDGET FOREWORD

This section introduces the budget with explanations of the organization and structure of the District's Budget. It also presents an overview of the substance of the 2025 Budget. It includes the following:

- In the *Budget Message*, the Executive Director discusses his 2025 Budget Recommendations.
- In the *Strategic Plan*, an update of the strategic plan is presented.
- The *Budget Message/Highlights* section includes a statement of the District's operational goals and accomplishments and a narrative on major issues, policy, and program changes. It is in this section that broad policy, program objectives, and operational accomplishments are defined.
- In the *Financial Policies, Objectives, and Accomplishments* section, an overview of the financial guidelines and accomplishments of the District is presented.
- The *Policy Development and the Budget Process* section describes policy development and the total budget process. The detailed budget process is presented in 12 clearly stated steps with a flowchart of the budget cycle.
- The *Annual Appropriation Ordinance* gives legal effect to the entire budget document as enacted into law by the Board of Commissioners under authority of the Illinois Compiled Statutes. It includes an explanation of the crosshatch (#) and (AC) symbols used with some personnel positions within the budget, indicating changes to positions once vacated.

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Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

312.751.5600

October 15, 2024

Honorable Ladies and Gentlemen:

I am pleased to present the 2025 Executive Director's Budget Recommendations for the Metropolitan Water Reclamation District of Greater Chicago (District). The 2025 Budget is a \$1.7 billion fiscally responsible spending plan that invests in public infrastructure and considers the long-term environmental and financial implications of permit compliance. The District continues to maintain an aggressive Capital Improvement Program that addresses infrastructure needs and optimizes the life cycle of critical assets. Additionally, the District remains committed to providing advance funding to the MWRD Retirement Fund. The 2025 Budget includes an anticipated \$21.6 million transfer of budgetary reserves and \$8.4 million from the 2023 Property Tax Levy Adjustment to maintain the Retirement Fund's funded ratio. The District's funding policies for both its Retirement Fund and Other Postemployment Benefits Fund demonstrate a commitment to long-term fiscal management.

**Operating Budget**

The 2025 Corporate Fund Budget is \$522.3 million, an increase of \$25.0 million, from the 2024 Adjusted Budget. Year-over-year increases to the Corporate Fund Budget are attributable primarily to increases in labor costs, processing chemicals, biosolids disposal, insurance premiums, and a one-time Tunnel and Reservoir Plan maintenance cost. Looking ahead to 2025, as economic conditions stabilize, the District will continue to take a measured approach to managing the District's financial obligations.

The District serves 129 communities covering nearly all of Cook County, treating an average of 1.2 billion gallons of water each day, with a total treatment capacity of 2.0 billion gallons per day at seven water reclamation plants (WRPs). The District controls 76.1 miles of navigable waterways and owns and operates 33 stormwater detention reservoirs to provide regional flood protection. The District continues the decades long tradition of outstanding permit compliance as recognized by the National Association of Clean Water Agencies. The goal remains 100 percent permit compliance with National Pollutant Discharge Elimination System permits at all seven WRPs. Additionally, the District is an industry and community leader, benefiting residents through innovative and future-focused programs.

The Maintenance & Operations Department maintains and operates the District's facilities and has a 2025 Budget of \$293.3 million. The department's budget continues to address supply chain delays, competitive labor markets, and increases in the biosolids program. The District continues to address future regulatory permit requirements that will impact future operating costs and is actively looking into optimal solutions for phosphorus removal at the WRPs as required by National Pollutant Discharge Elimination System permits. The Kirie and O'Brien WRPs will have phosphorus limits in 2026 and 2027, respectively, and the Egan and Hanover Park WRPs by 2031 at the earliest. The Stickney and Calumet WRPs became subject to a phosphorus limit in 2021 and 2024, respectively. Additionally, the budget for the biosolids program increases by \$7.9 million in 2025 as the District is actively pursuing a biosolids strategy to normalize the biosolids program.



*Kirie, O'Brien, Egan, and Hanover Park WRPs are four of seven wastewater treatment facilities that comprise the North Service Area with regulatory permit requirements for phosphorus limits coming online in the new future.*

From 2021 to 2023, the District's positive Corporate Fund results were driven by Personal Property Replacement Tax (PPRT) over-performance. As anticipated in the 2024 Budget, PPRT disbursements have slowed, resulting in spending of budgetary reserves. The use of budgetary reserves is projected for the 2025 Budget until these disbursements are normalized in 2026.

### Capital Budget

The District's 2025 Capital Improvement Program (CIP) modernizes aging infrastructure, prepares for changing effluent permit conditions, and addresses stormwater management capital projects. The 2025 Capital Improvement Program Budget is \$753.5 million and includes a \$367.8 million project to build a modern battery at the O'Brien WRP that will allow for the biological phosphorus removal. While this project is included in the 2025 budget, the facility will be built from 2025-2028. Of the total budget, 67.8 percent is dedicated to projects at the seven WRPs, including phosphorus removal modifications, pump and blower house rehabilitation, switchgear and motor control center replacement, and other projects necessary to rehabilitate century-old facilities. In addition to work at the WRPs, the 2025 CIP includes \$35.4 million, or 4.7 percent, for four intercepting sewer rehabilitation projects.

Long-range capital planning is critical to ensuring that the District continues to improve efficiency and protect the water environment while remaining affordable for the taxpayer. In addition to grant funding, the District utilizes State Revolving Fund loans, general obligation bonds, and pay-as-you-go funding to maximize taxpayer value. Recognizing the need to invest in modernizing aging infrastructure, the District will allocate \$18.0 million in PPRT revenue to the Construction Fund in 2025 and \$15.0 million each year from 2026-2029, enhancing the CIP funding mix. The 2025 funding ratio is 62.5 percent general obligation bonds, 21.4 percent pay-as-you-go financing, 10.2 percent State Revolving Fund loans, and 5.9 percent grants and reimbursements.

### Stormwater Management

Climate change and changing weather patterns with intense bursts of precipitation can quickly overwhelm systems throughout the region. The District has been proactive in addressing climate changes and on May 4, 2023, adopted a Climate Action Plan to outline a path forward for the agency to contribute toward reducing its carbon footprint and adapt to climate change-related impacts. The Climate Action Plan was developed by an interdepartmental task force and presented for public review prior to adoption.

The District partners with communities to build capital improvement and green infrastructure projects that address regional and local flooding issues and manages a flood-prone property acquisition program that removes homes built in the floodplain. To date, the District has advanced over 260 stormwater management projects.



*Six new green parking lots using permeable pavers to collect more stormwater and reduce the load on local sewers and waterways can be seen at North Riverside Commons complex.*

The District has been successful in obtaining grants and reimbursements to fund regional and local flood control projects and secured \$10.0 million from the Hazard Mitigation Grant Program for the Addison Creek Channel Improvements project and \$20.0 million from the Army Corps of Engineers as reimbursement for the District's work on the design and construction of the Thornton Composite Reservoir.

Partnering with Cook County, up to \$18.0 million in American Rescue Plan Act funding to address localized flooding will be received over four years, including an estimated \$1.1 million in 2024 and \$7.1 million in 2025. Additional grants are also being pursued for the Suburban Green Schoolyard pilots and other flood mitigation projects.

The 2025 Budget continues the District's commitment to reduce flooding. The 2025 Stormwater Management Fund Budget is \$130.6 million to further our investment in flood control projects and support of local stormwater issues. The 2025 Property Tax Levy is \$62.5 million.



## 2021-2025 Strategic Plan

The District's annual budget preparation process continues to rely on Strategic Plan principles of Engagement, Collaboration, Equity, Innovation, and Resilience to inform development of strategies, initiatives, and funding priorities. The 2021-2025 Strategic Plan concluded its third year in June 2024 and is approximately 60 percent completed. A majority of the Strategic Plan's activities are expected to conclude towards the end of the five-year period, but accomplishments during the third year include:

- Developed an interactive platform to share Geographic Information System data and receive local input to further clarify flooding issues across the country;
- Created a Recruitment Strategy Committee to assist in the development of targeted recruitment, mentoring, and professional development programs to increase diversity in underrepresented jobs and to grow the candidate pool for hard-to-fill classifications;
- Expanded the innovation ecosystem that experienced a surge in external partnership projects;
- Launched the new website to reflect the District's commitment to community engagement, transparency, and accessibility, and provide an enhanced user experience;
- Founded the Stickney Water Reclamation Plant Community Partnership Council to gather local stakeholders for substantive discussions and initiatives aimed at tackling key challenges affecting their respective area of the county;
- Debuted a new interactive Strategic Plan dashboard to provide clearer visuals, enhance the overall user experience, and streamline the update process.



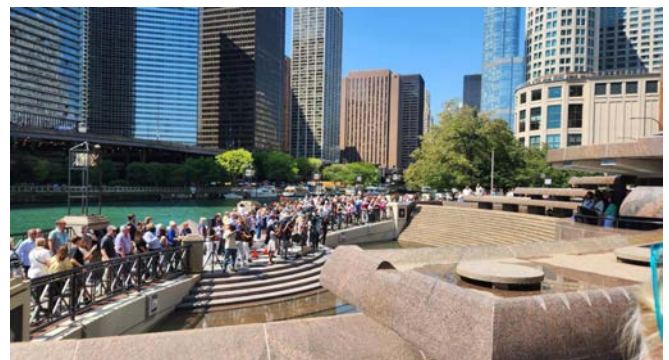
*The District partnered with Evanston to fund a project that called for the reconstruction of parking lanes along Main Street by using permeable pavers that absorb stormwater.*

The 2025 Budget includes \$16.9 million of new initiative funding to support the Strategic Plan implementation. Major District-wide performance indicators for each of the five Strategic Goals and the status of these measures can be found on the Strategic Plan Hub ([mwrdd.org/what-we-do/strategic-plan](http://mwrdd.org/what-we-do/strategic-plan)).

## Financial Summary

The District continues to maintain a AAA bond rating from Fitch Ratings, a AA+ bond rating from Standard & Poor's Global Ratings, and an Aa1 stable credit rating from Moody's Investor Services in recognition of its strong financial operations and reserves that have facilitated significant increases in pension contributions in recent years.

The 2025 Budget increased by \$276.6 million from the 2024 Adjusted Budget and is attributed to a \$252.6 million increase in the Capital Improvements Bond Fund due to the timing of project awards and \$25.0 million increase in the Corporate Fund due to operational needs.



*After being damaged during storms in 2020, the Nicholas J. Melas Centennial Fountain reopened to the public on August 16, 2024.*



The District’s tax levy and appropriation for the 2025 Budget, compared to the 2024 Budget as Adjusted is:

	<u>2025</u>	<u>2024 Adjusted</u>	<u>Increase (Decrease)</u>	<u>Percent Change</u>
Total Tax Levy \$	709,708,434	\$ 691,679,040	\$ 18,029,394	2.6%
Aggregate Levy \$	399,442,700	\$ 386,763,700	\$ 12,679,000	3.3%
 Total Appropriation \$	 1,705,557,974	 \$ 1,428,932,635	 \$ 276,625,339	 19.4%

The District's property tax levy is statutorily limited in the aggregate to an annual increase of five percent or the Consumer Price Index (CPI), whichever is lower for all purposes except Stormwater Management and the payment of bond redemption and interest.

**Conclusion**

Using the Strategic Plan as a guideline to establish priorities, the operation, maintenance, and investment in the District’s infrastructure, flood control projects, and other essential services will continue to receive primary focus. The 2025 Budget continues our conservative fiscal management and includes the policies, objectives, and resources to allow the District to remain true to our mission of protecting our water environment and the health of the residents of Cook County.

Respectfully submitted,



Brian A. Perkovich, Executive Director

# 2021-2025 STRATEGIC PLAN

In June 2021, the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago (MWRD) adopted the 2021-2025 Strategic Plan. The Strategic Plan:

- Articulates the MWRD’s strategic goals for the next five years;
- Identifies a set of strategies and initiatives to achieve those goals;
- Provides measures (both qualitative and quantitative) and targets to assess progress;
- Establishes a framework to review and update the Strategic Plan on an annual basis.

The entire 2021-2025 Strategic Plan is available at [mwrdd.org/what-we-do/strategic-plan](http://mwrdd.org/what-we-do/strategic-plan).

In the fall of 2020, the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago (MWRD) and the MWRD Executive Team began working together to develop the 2021-2025 Strategic Plan. A Steering Committee was formed to oversee this effort. From September 2020 through February 2021, the Steering Committee led a multi-phase strategic planning process, against the backdrop of a global pandemic and the growing threat of climate change, using the lens of racial and social equity in the communities served by the MWRD.

## Strategic Planning Process

Outreach was a critical part of the process - including outreach to MWRD staff, local governments, members of the public, and others - to ensure the inclusion of a range of perspectives in the development of the Strategic Plan.

The strategic planning process included significant engagement from a range of interested parties to gather their perspectives on the MWRD’s strategic direction, including:

- **In-depth interviews** with the MWRD’s Executive Team and Board of Commissioners;
- A **Workshop**, facilitated by Arup, which engaged approximately 50 attendees, including local governments, community organizations, regional planning and policy organizations, environmental organizations, and others;
- An **Employee Survey** that garnered almost 550 responses from MWRD staff;
- **Public-facing Surveys** that provided the opportunity for more than 200 members of the public to offer their ideas and feedback;
- A **review of internal documents** and existing performance measures.

During that outreach, several consistent themes emerged. Those themes are reflected in the following guiding principles, which informed the development of strategies and initiatives for the new Strategic Plan:

The Steering Committee then participated in a two-day **Strategic Planning Workshop** to consider input from the engagement process and align on five overarching strategic goals for the new Strategic Plan.



**Working Groups** were then formed around each strategic goal that included representatives from the MWRD’s Executive Team, Board of Commissioners, and more than 50 members of MWRD staff who were selected based on their expertise and commitment to the MWRD’s ongoing success. These Working Groups were tasked with the continued development and finalization of 32 strategies that support the five strategic goals, as well as measures to gauge progress.



*John W. Cook Academy: Before (L) and After (R)*



*Nathan S. Davis Elementary School: Before (L) and After (R)*

**Mission, Vision, Values**

The MWRD’s mission, vision, and values, illustrated below, serve as a high-level framework for the 2021-2025 Strategic Plan. By comparison, the specific goals, strategies, and success measures included in the Strategic Plan provide a detailed roadmap for the MWRD over the next five years.

The mission statement describes the MWRD’s role within its service area and remains unchanged since the last Strategic Plan. However, as a result of the strategic planning process, the desired future state summarized in the MWRD’s vision has been updated, and the MWRD’s core values have been expanded to include the values of equity and diversity.

**Mission**

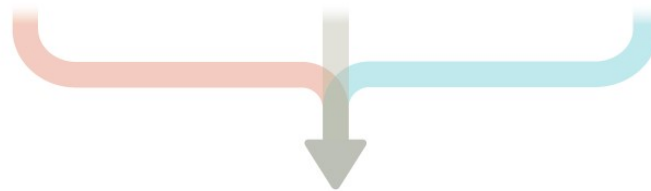
The MWRD will protect the health and safety of the public in its service area, protect the quality of the water supply source (Lake Michigan), improve the quality of water in watercourses in its service area, protect businesses and homes from flood damages, and manage water as a vital resource for its service area.

**Vision**

We will continue to be a world-leading wastewater and stormwater management utility focused on flooding mitigation, resource recovery, sustainability, resilience, and innovation.

**Values**

- Excellence
- Respect
- Innovation
- Safety
- Equity & Diversity
- Accountability



**Strategic Goals**



**Annual Strategic Plan Update**

The MWRD will update the 2021-2025 Strategic Plan on a yearly basis. The update process will include:

- A high-level review of trends to identify any changes that may affect strategies and initiatives. For example, this review will consider any needed updates to the assumptions about climate change, as well as any new trends that need to be taken into account;
- An assessment of any major organizational changes that may impact the Strategic Plan;
- An evaluation of strategies, baseline and stretch targets, and initiatives (which are included in the internal action plan). Progress against each strategy will be evaluated, successes and failures will be examined, and any new issues that need to be addressed will be incorporated into the updated Strategic Plan.

The update process will be led by the Steering Committee, supported by the Working Groups that were assigned to specific strategic goals, with oversight from the Board of Commissioners. It will be coordinated with the annual budget process, which will allow the consideration of updates that require additional resources during the budget process and will ensure that the updated Strategic Plan and annual budget are aligned.



## UPDATE TO THE 2021-2025 STRATEGIC PLAN (Updated August 2024)



The 2021-2025 Strategic Plan concluded its third year in June 2024 and is approximately 60 percent completed.

The MWRD made great strides with its Strategic Plan during the last year. Accomplishments during this third year include:

**Expanded the Innovation Ecosystem.** The Innovation Ecosystem experienced a surge in external partnership projects with the Water Research Foundation (WRF) and through participation in the WRF Research Summit and Not-for-Profit-led consortium for the National Science Foundation (NSF) Grant Competition for Innovation Engine in 2023. One of the 10 inaugural NSF Regional Innovation Engines nationwide, the Consortium secured up to \$160 million over the span of 10 years to establish a water-focused innovation engine within the Great Lakes region.

**Developed an interactive platform to share Geographic Information System (GIS) data.** This live, web-based platform acts as a conduit to communicate technical data and receive local input to further clarify flooding issues across the county. The GIS data, identifying stormwater storage deficits, is made available for analysis, and new tools are being developed for future use along with introductory information about the tools for the intended end users (e.g. Municipal planners, engineers, and others).



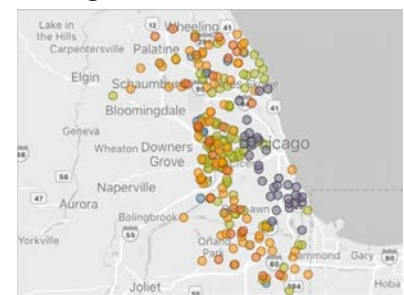
**Created a Recruitment Strategy Committee.** The goal of the committee is to assist in the development of targeted recruitment, mentoring, and professional development programs to increase diversity in underrepresented jobs and to grow the candidate pool for hard-to-fill classifications.



**Launched the new [mwrdd.org](http://mwrdd.org).** The new website reflects the MWRD’s commitment to community engagement, transparency, and accessibility, and provides an enhanced user experience.

**Founded the Stickney Water Reclamation Plant Community Partnership Council (CPC).** Like its Calumet counterpart created in 2022, the Stickney CPC was implemented in 2024 and gathers local stakeholders for substantive discussions and initiatives aimed at tackling key challenges affecting their respective area of the county.

**Debuted a new interactive Strategic Plan Dashboard**



This new dashboard provides clearer visuals, enhances the overall user experience and streamlines the update process. Future iterations will seek to standardize the use of this platform, improve user accessibility, and optimize for seamless mobile usage.

The third annual update to the Plan was completed in August 2024. The updated Strategic Plan follows and can also be found in the [Strategic Plan Dashboard](#). No changes to the five main Strategic Goals were required, but revisions were needed to their Strategies, Success Measures, and associated Targets.

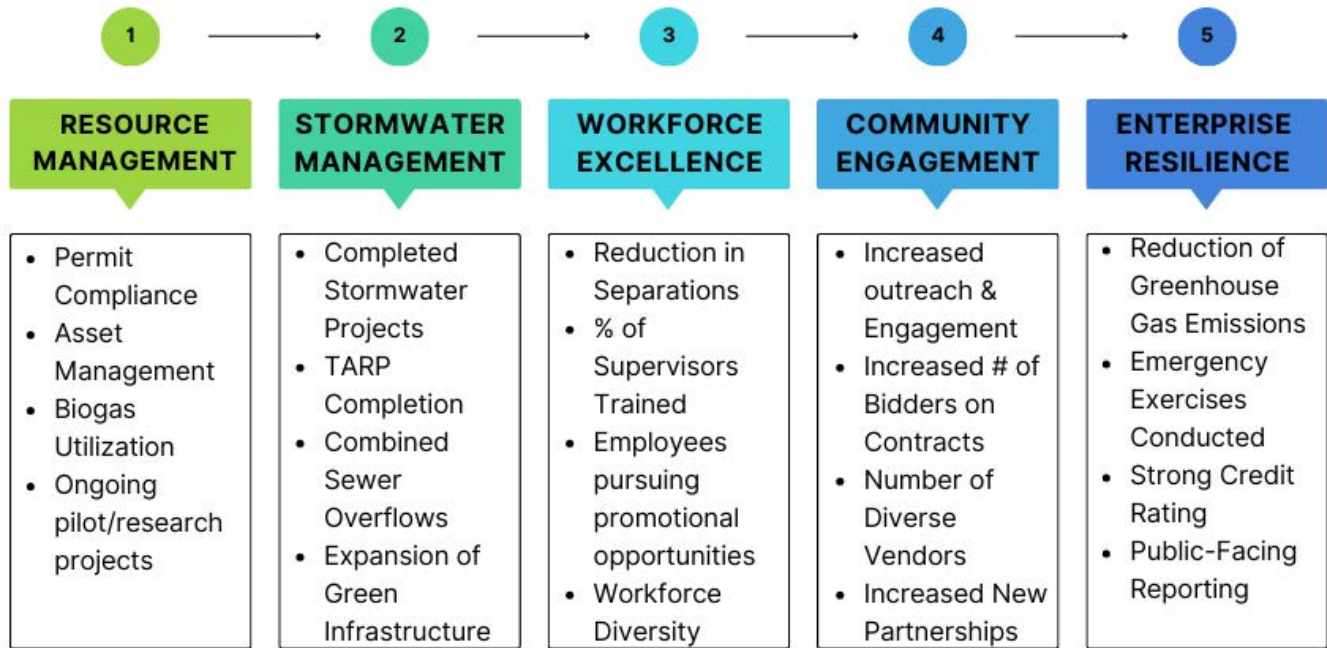


### District-Wide Performance Indicators from the Strategic Plan

The 2021-2025 Strategic Plan and its Goals must be responsive to significant trends that will impact the MWRD and its future success. The impact of climate change, Utility of the Future trends, and circular economy principles continues to spur innovation and collaboration in the water industry.

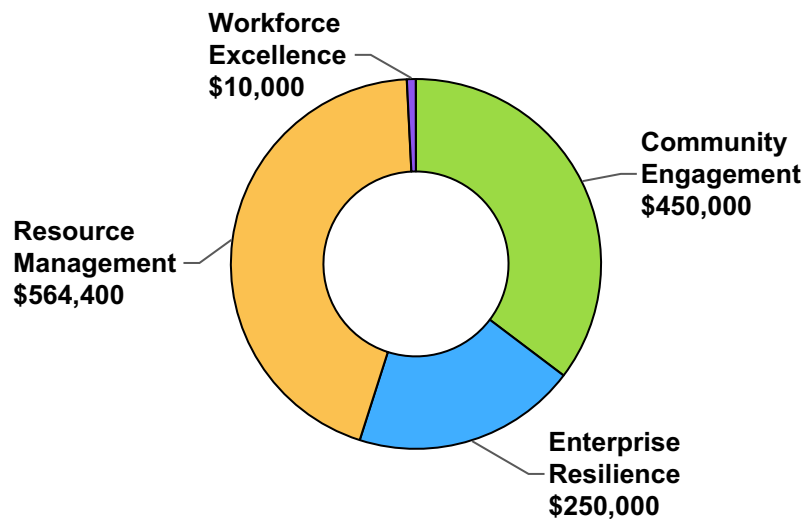
Major District-wide performance indicators for each of the five Strategic Goals are listed below. Additional information regarding the status of these measures can be found on the Strategic Plan Dashboard ([mwrdd.org/what-we-do/strategic-plan](http://mwrdd.org/what-we-do/strategic-plan)).

## Success Measures



One of the major themes the MWRD focused on when creating the Strategic Plan was innovation. Throughout the implementation of the Strategic Plan, the MWRD has been striving to foster an environment that harnesses innovation and encourages employees to express new ideas. The MWRD defines innovation as exploring fresh approaches to operational and environmental challenges and day-to-day processes to deliver incremental or instantaneous solutions and improvements.

### Funding Allocated to Innovation Projects in 2025

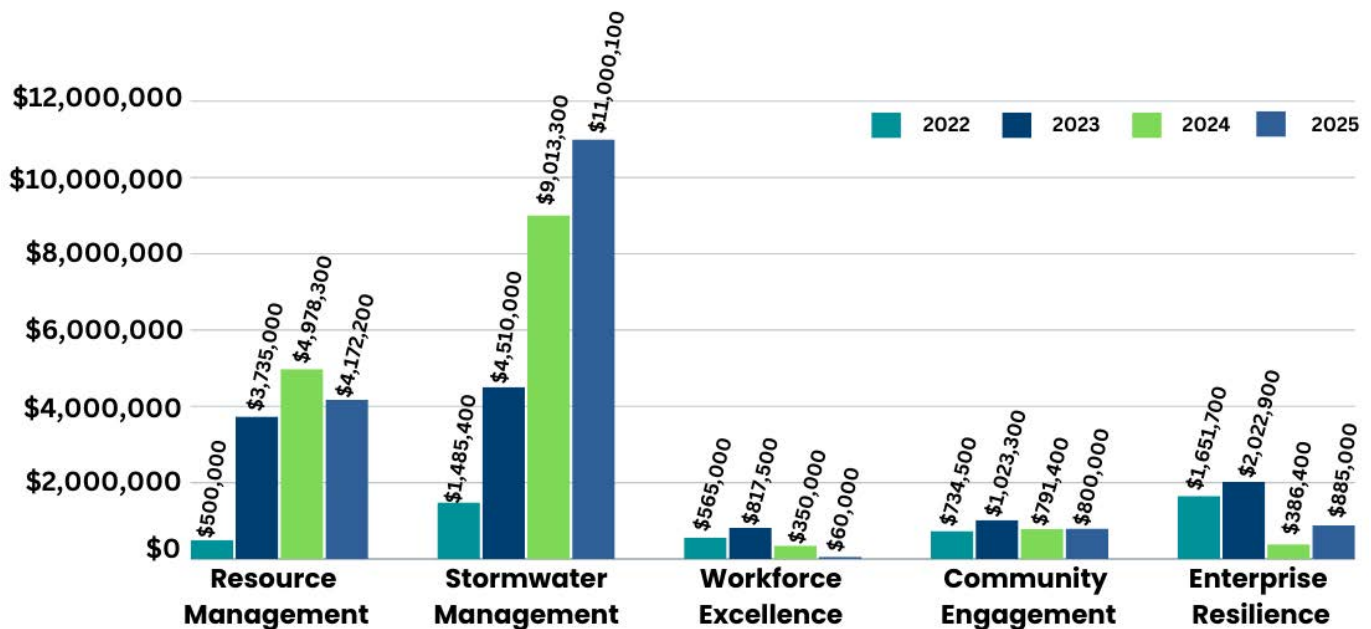


Funding for innovation projects tied to new major initiatives included in the Corporate Fund in the 2025 Budget totals \$1.3 million and includes projects such as biological odor control unit upgrades to reduce odors surrounding the plants without interfering with the natural habitat, a new technology platform using real-time advanced analytics for aeration optimization which will provide a dashboard visualizing near real-time data from aeration tanks to refine operations, and implementing Coaching and Leadership Training to support a culture of encouraging innovation and harness problem-solving capacity at all organizational levels.

Using the budget process to guide District-wide priorities, the MWRD includes projects directly related to the Strategic Plan in the Budget. As we enter 2025 we are on the back end of the Strategic Plan. There are many initiatives that are underway or have been completed that support the Plan's goals and strategies. Furthermore, numerous strategies, particularly related to Workforce Excellence and Community Engagement, are in the implementation phase or being completed by District staff and do not require additional budgetary resources. The graph below shows the funding included for new Strategic Plan initiatives each year since the plan was adopted in 2022 to illustrate how the District's investments in projects support our goals and enhance long-term strategic planning. In 2025, \$5.9 million is allocated to projects tied to new Strategic Plan initiatives in the Corporate Fund. Additionally, \$11.0 million is included in the Stormwater Management Fund for new projects to implement Strategic Plan strategies that significantly increase stormwater management projects and ensure that programs support all communities regardless of local capacity.

## FUNDS ALLOCATED TO NEW STRATEGIC PLAN GOALS

The dollar amounts are funds included for new Strategic Plan initiatives each year since the plan was adopted in 2022.



The graph displays funding for new major initiatives included in the Corporate Fund scheduled to begin by year from 2022 to 2025. Funds for projects not started have been carried forward to the next year. Stormwater Management funding includes new projects that support the Strategic Plan.



## *Budget Message / Highlights*

### Budget Overview

The 2025 Budget is a structurally sound spending plan that invests in the District's infrastructure, addresses regional and localized flooding issues, and continues a commitment to fully funding the Retirement Fund.

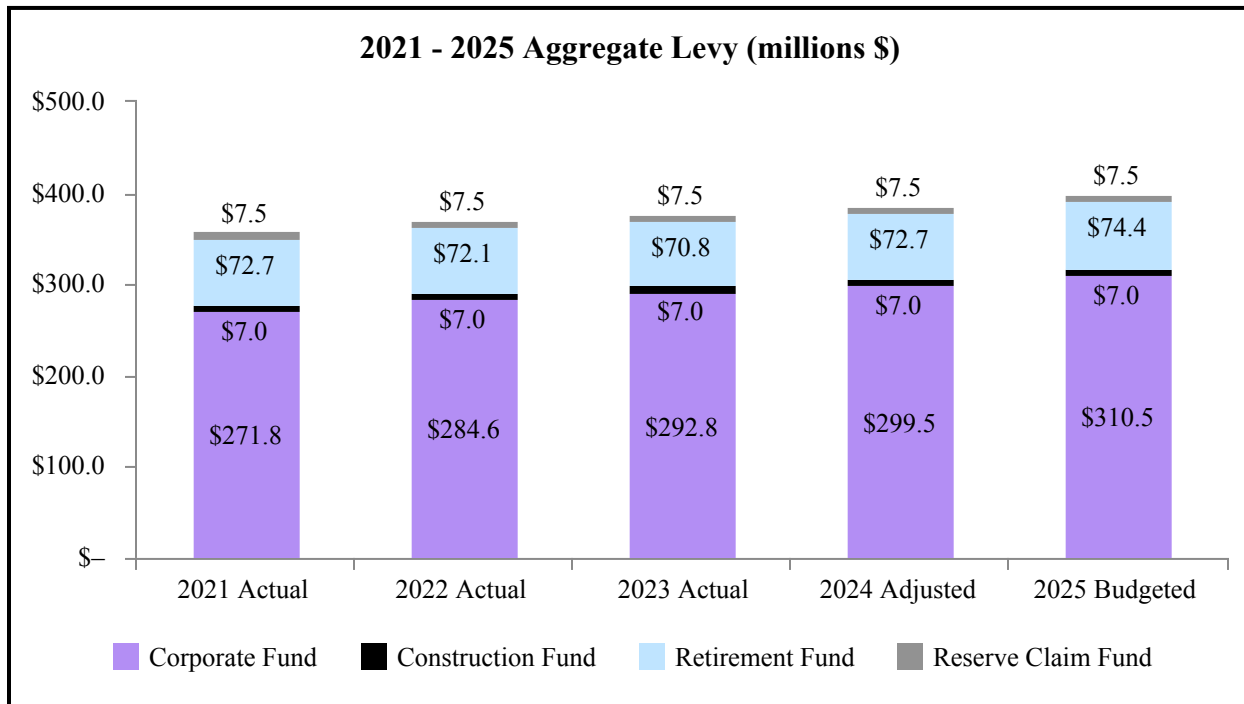
The District's 2025 Capital Improvement Program invests in modernizing aging infrastructure and prepares the District for updated phosphorus permit limits. Building on the 2024 Capital Improvement Program, the District continues an aggressive approach, prioritizing projects that will impact changing permit conditions and environmental impacts. Over the next five years, the District plans to invest \$542.1 million in modernization efforts across four water reclamation plants that will implement phosphorus removal and recovery efforts. The District will also invest \$35.4 million in four intercepting sewer rehabilitation projects.

To address regional and localized flooding, the District expects to receive \$48.4 million in federal grant and reimbursement funding in 2024 and 2025, while Personal Property Replacement Tax (PPRT) disbursements from the State of Illinois allow the District to allocate some funding to the Construction Fund to finance smaller capital projects on a pay-as-you-go basis.

Growth in the Corporate Fund Budget from 2021 to 2025 is primarily attributable to inflationary growth and operational demands. The 2025 Corporate Fund Budget is \$522.3 million, an increase of \$25.0 million, or 5.0 percent, from the 2024 Adjusted Budget. Inflationary pressures, labor costs, supply chain issues, and statutory changes have all impacted cost estimates for the District's 2025 Budget.

The District will continue to commit to fully funding the MWRD Retirement Fund by transferring \$21.6 million of excess revenue and \$8.4 million from the 2023 Property Tax Levy Adjustment from Public Act 102-0519. On April 22, 2022, the Governor signed Public Act 102-0707 allowing the District to issue up to \$600.0 million of Pension Obligation Bonds. The District will complete a full analysis of a potential bond sale based upon varying interest rates. If market conditions are favorable, the District will issue \$250.0 million in Pension Obligation Bonds, but that is not expected in 2025.

Development of the 2025 Budget was guided by the Strategic Plan and elements of the Plan are incorporated throughout the Budget document, including summary discussions in each departmental narrative.



*The District's Aggregate Levy under the Property Tax Extension Limitation Law is \$399.44 million, a 3.28 percent increase from the 2024 Levy, under the maximum allowable increase under the Law. Additional details are provided on the next page.*

## *Budget Message / Highlights*

### **Tax Levy, Tax Rate, and Appropriations**

The overall 2025 tax levy required to finance the 2025 Budget is \$709.7 million, an increase of \$18.0 million, or 2.6 percent, from the 2024 Adjusted Budget. The Stormwater Management Fund Levy has an increase of \$5.0 million, or 8.7 percent, from the 2024 Adjusted Budget and there is an increase of \$0.4 million, or 0.1 percent, in the Bond Redemption & Interest Fund. Among the funds subject to the Property Tax Extension Limitation law, the Corporate Fund levy has an increase of \$11.0 million, or 3.7 percent, and the Retirement Fund levy has an increase of \$1.7 million, or 2.3 percent. The Reserve Claim Fund and Construction Fund levies remain flat at \$7.5 million and \$7.0 million, respectively.

The overall tax rate for 2025, based on the most recent Equalized Assessed Valuation (EAV), is estimated to be 33.85 cents per \$100 of assessed valuation. The allowance for loss in collection of property taxes is budgeted at 3.5 percent, no change from 2024. The budgeted loss will be maintained at this level, based on trends in the required refunds of prior property tax payments.

Overall appropriations for 2025 total \$1.7 billion, an increase of \$276.6 million, or 19.4 percent, from the 2024 Adjusted Budget. There is an increase of \$252.6 million planned in the Capital Improvements Bond Fund, which is appropriated on an obligation basis and based on project schedules. Due to strong revenue performance, the Corporate Fund will increase by \$25.0 million, or 5.0 percent. There will be an increase of \$6.5 million in the Construction Fund and the Reserve Claim Fund will increase \$5.0 million. The Bond Redemption & Interest Fund will decrease by \$1.1 million and the Stormwater Management Fund will decrease \$0.9 million. The Retirement Fund appropriation will decrease by \$10.5 million and includes an anticipated \$21.6 million transfer of excess revenue from the Corporate Fund and \$8.4 million from the 2023 Property Tax Levy Adjustment from Public Act 102-0519. Explanations of these changes are provided in the detailed Fund summaries.

<b><u>Levies</u></b>	<b>2025</b>	<b>2024 Adjusted</b>	<b>Increase (Decrease)</b>	<b>Percent Change</b>
Corporate Fund	\$ 310,544,000	\$ 299,537,000	\$ 11,007,000	3.7 %
Construction Fund	7,000,000	7,000,000	—	— %
Stormwater Management Fund	62,500,000	57,500,000	5,000,000	8.7 %
Retirement Fund	74,398,700	72,726,700	1,672,000	2.3 %
Reserve Claim Fund	7,500,000	7,500,000	—	— %
Bond Redemption & Interest Fund	247,765,734	247,415,340	350,394	0.1 %
<b>TOTAL</b>	<b>\$ 709,708,434</b>	<b>\$ 691,679,040</b>	<b>\$ 18,029,394</b>	<b>2.6 %</b>
<b><u>Appropriations</u></b>	<b>2025</b>	<b>2024 Adjusted</b>	<b>Increase (Decrease)</b>	<b>Percent Change</b>
Corporate Fund	\$ 522,294,700	\$ 497,258,600	\$ 25,036,100	5.0 %
Construction Fund	81,080,900	74,598,800	6,482,100	8.7 %
Capital Improvements Bond Fund	560,924,500	308,278,600	252,645,900	82.0 %
Stormwater Management Fund	130,614,100	131,517,700	(903,600)	(0.7)%
Retirement Fund	118,736,000	129,207,295	(10,471,295)	(8.1)%
Reserve Claim Fund	57,286,800	52,315,900	4,970,900	9.5 %
Bond Redemption & Interest Fund	234,620,974	235,755,740	(1,134,766)	(0.5)%
<b>TOTAL</b>	<b>\$ 1,705,557,974</b>	<b>\$ 1,428,932,635</b>	<b>\$ 276,625,339</b>	<b>19.4 %</b>

Comparisons of the estimated taxes paid by the owner of a home with a market value of \$100,000 for 2025 as budgeted, and 2024 as adjusted for the 2023 EAV, are as follows:

	<b>2025 Budgeted</b>	<b>2024 Adjusted</b>	<b>Variance</b>	<b>Percent Change</b>
Estimated taxes for \$100,000 home	\$104.97	\$103.01	\$1.96	1.90%

### **Corporate Fund**

The Corporate Fund is the District’s general operating fund and includes appropriation requests for day-to-day operational costs anticipated for 2025. The total appropriation for the Corporate Fund in 2025 is \$522.3 million, an increase of \$25.0 million, or 5.0 percent, from the 2024 Adjusted Budget.

## Budget Message / Highlights

The 2025 tax levy for the Corporate Fund is \$310.5 million, an increase of \$11.0 million, or 3.7 percent, compared to the 2024 Adjusted Budget. In 2025, property taxes, personal property replacement tax (PPRT), user charge revenues, and land rentals remain the primary funding sources for the District's Corporate Fund. Illinois law limits the tax rate of this fund to 41.00 cents per \$100 of EAV. The estimated tax rate for the Corporate Fund in 2025 is 14.81 cents, an increase of 0.02 cents from the 2024 Adjusted Tax Rate. User charges, budgeted at \$37.0 million for 2025, are collected from industrial, commercial, and non-profit organizations to recover operations, maintenance, and replacement costs proportional to their sewage discharges, in excess of property taxes collected. The 2025 Budget reflects current economic conditions and inflationary cost increases, reflecting positive investment returns as well as projected cost increases related to personnel, chemicals, and commodities. Chemical costs, in particular, have increased by 52.5 percent year-over-year due to the implementation of more stringent permit requirements for the discharge of phosphorus in 2025.

The District serves 129 communities covering nearly all of Cook County, treating an average of 1.2 billion gallons of water each day, with a total treatment capacity of 2.0 billion gallons per day at seven water reclamation plants. The District controls 76.1 miles of navigable waterways and owns and operates 33 stormwater detention reservoirs to provide regional flood protection.

The Tunnel and Reservoir Plan (TARP) Phase I was fully completed in 2006 and consists of 110.4 miles of deep rock tunnels designed to capture up to 2.3 billion gallons of the first flush of sewage contaminated stormwater from combined sewers that had previously flowed into the area waterways. TARP Phase II includes three storage reservoirs built at the end of the tunnels to provide an additional 15.0 billion gallons of capacity. These reservoirs are described below and additional information for the TARP system projects' status is on page [392](#).

The 350 million gallon Majewski Reservoir was completed in 1998. In November 2015, the Thornton Composite Reservoir became operational with 7.9 billion gallons of storage. The McCook Reservoir, the last component of the TARP system, will provide a total volume of 10.0 billion gallons when completed. The first stage opened on December 4, 2017 with 3.5 billion gallons of storage. The second stage is still being mined and will provide 6.5 billion gallons of storage when completed in 2029. The McCook Reservoir is projected to bring more than \$175.0 million annually in flood reduction benefits to residents in its service area.



*The Stickney Water Reclamation Plant (WRP) is one of the largest wastewater treatment facilities in the world. It serves residents in the central part of Chicago and 46 other communities within a 260-square-mile area. The Stickney WRP consists of two plants: the original West Side Plant, which was placed in service in 1930, and the Southwest Plant, which was placed in service in 1939.*

Corporate Fund appropriations support the 2021-2025 Strategic Plan, with specific initiatives detailed in each departmental narrative. To highlight and strengthen the District's commitment to resource recovery and reuse, the Maintenance & Operations Department, in conjunction with the Engineering and Monitoring & Research Departments, is working to determine the optimal solutions for phosphorus removal at the water reclamation plants (WRP). The unique configurations and conditions of each WRP require that some combination of physical, chemical, and/or biological phosphorus removal be evaluated and tested prior to implementation to address upcoming permit requirements.

In 2025, the District expects to collect and treat approximately 448.8 billion gallons of wastewater at our seven WRPs. These services will be performed in compliance with discharge permits issued by the Illinois Environmental Protection Agency, which regulates the quality of our effluent as it leaves our treatment plants. Our high level of compliance emphasizes our excellent performance. This is reflected in a 99.99 percent overall compliance with the National Pollutant Discharge Elimination System (NPDES) requirements in 2023. The goal remains 100 percent permit compliance with NPDES permits at all seven WRPs. See page [13](#) for Collection, Treatment, and Solids Utilization data.

*Budget Message / Highlights*

**Collection, Treatment, and Solids Utilization for the Maintenance & Operations Department**

	<b>2025 Budgeted</b>	<b>2024 Budgeted</b>	<b>2023 Actual</b>	<b>2024-2025 % Change</b>
Total cost of collection (millions)	\$70.2	\$70.8	\$60.0	(0.9)%
Total cost of treatment (millions)	\$102.3	\$104.3	\$87.2	(2.0)%
Total cost of solids utilization (millions)	\$41.7	\$32.6	\$28.4	28.1 %

Number of full-time equivalent employees:

Collection	269	268	246	0.4 %
Treatment	372	371	378	0.3 %
Solids Utilization	40	40	40	— %

Daily average flow/design maximum flow million gallons per day (MGD) level of treatment by plant:

Stickney WRP - Secondary	1,200/1,440	1,200/1,440	1,200/1,440
Calumet WRP - Secondary	354/430	354/430	354/430
O'Brien WRP - Secondary	333/450	333/450	333/450
Kirie WRP - Secondary	52/110	52/110	52/110
Egan WRP - Tertiary	30/50	30/50	30/50
Hanover Park WRP - Tertiary	12/22	12/22	12/22
Lemont WRP - Secondary	2.3/4	2.3/4	2.3/4

**Outputs:**

	<b>2025 Budgeted</b>	<b>2024 Budgeted</b>	<b>2023 Actual</b>	<b>2024-2025 % Change</b>
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Amount of wastewater collected and treated by plant:

Stickney WRP (million gallons)	240,000	240,000	244,620	— %
Calumet WRP (million gallons)	100,000	100,000	82,684	— %
O'Brien WRP (million gallons)	79,000	80,000	77,029	(1.3)%
Kirie WRP (million gallons)	13,300	13,300	12,292	— %
Egan WRP (million gallons)	9,300	9,300	7,567	— %
Hanover Park WRP (million gallons)	3,950	3,950	2,390	— %
Fox River Water Reclamation District (contract agreement)	2,200	2,200	2,200	— %
Lemont WRP (million gallons)	1,000	1,000	939	— %

**Outputs:**

	<b>2025 Budgeted</b>	<b>2024 Budgeted</b>	<b>2023 Actual</b>	<b>2024-2025 % Change</b>
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Dry tons of biosolids utilized by area:

North Service Area	1,000	1,000	1,990	— %
Calumet Service Area	24,500	25,500	16,319	(3.9)%
Stickney Service Area	87,500	57,000	75,179	53.5 %

**Outcomes:**

Achievement of water reclamation plant pollution permit requirements by plant:

	<b>2023</b>	<b>2022</b>	<b>2021</b>	<b>2020</b>
Stickney WRP	100.00 %	100.00 %	100.00 %	100.00 %
Calumet WRP	99.91 %	100.00 %	100.00 %	100.00 %
O'Brien WRP	100.00 %	100.00 %	100.00 %	100.00 %
Kirie WRP	100.00 %	100.00 %	100.00 %	100.00 %
Egan WRP	100.00 %	100.00 %	100.00 %	100.00 %
Hanover Park WRP	100.00 %	100.00 %	100.00 %	100.00 %
Lemont WRP	100.00 %	100.00 %	100.00 %	100.00 %

## *Budget Message / Highlights*

### **Stormwater Management Fund**

The Stormwater Management Fund is used to fund operational costs directly related to the Stormwater Management Program and pay-as-you-go infrastructure projects. It is also used to leverage taxpayer dollars through partnerships with local agencies to fund local Green Infrastructure and stormwater projects. Finally, the Stormwater Management Fund is used to pay the principal and interest on Alternate Revenue Bonds. The 2025 Budget for the Stormwater Management Fund is \$130.6 million, a decrease of \$0.9 million, or 0.7 percent, from the 2024 Adjusted Budget. Property taxes are the primary funding source for the Stormwater Management Fund. Illinois law limits the tax rate of this fund to five cents per \$100 of EAV. The estimated tax rate for the Stormwater Management Fund in 2025 is 2.98 cents, an increase of 0.14 cents from the 2024 Adjusted Tax Rate. An equity transfer to the Bond Redemption & Interest Fund is planned in the amount of \$9.5 million to pay the principal and interest on two Stormwater Alternate Revenue Bonds and State Revolving Fund loans.

The mission of the District's Stormwater Management Programs is to provide support for communities to undertake capital improvement projects that reduce the potential for stormwater damages to life, public health, safety, property, and the environment. Local governments and public agencies within the District's corporate boundaries can apply to become partners to fund and build stormwater management projects.



*Flooding in the Flanagan Park subdivision in Lansing. The project was selected by the District in 2020 to be part of the District's Local Stormwater Partnership Program, which enables local governments to seek financial help for building stormwater infrastructure.*



*The North Creek Flood Relief Project, funded by the District at a cost of \$1.6 million, involved constructing a new culvert for North Creek to alleviate flooding and safeguard 56 residential structures in the vicinity of Flanagan Park.*

The District has made significant investments in developing over 260 capital stormwater projects since it assumed the authority for stormwater management in 2004. In addition to providing flood protection for thousands of homes, businesses and critical infrastructure, the District is currently completing design or construction of large regional stormwater projects throughout the county. In addition, there are dozens of active partnerships through intergovernmental agreements with local governmental organizations to address local flooding through the use of green and traditional gray infrastructure improvements, as well as through the acquisition of flood-prone residential structures.

The District has been successful in obtaining grants and reimbursements to fund regional and local flood control projects and secured \$10.0 million from the Hazard Mitigation Grant Program for the Addison Creek Channel Improvements project and \$20.0 million from the Army Corps of Engineers as reimbursement for the District's work on the design and construction of the Thornton Composite Reservoir. The District continues to aggressively seek grants to help fund stormwater projects.

The Board of Commissioners has approved over 30 regional projects for design and construction. A comprehensive narrative and exhibits detailing the Stormwater Management Fund, including a listing and description of the proposed projects are provided in the [Section VI](#) of this budget document.



## *Budget Message / Highlights*

### Capital Improvement Program

#### **Construction Fund, Stormwater Management Fund, and Capital Improvements Bond Fund**

The District utilizes the Construction, Stormwater Management, and Capital Improvements Bond Funds for the Capital Improvement Program (CIP). Capital projects involve the acquisition, improvement, replacement, remodeling, completing, altering, constructing, and enlarging of District facilities. Included are all fixtures which are permanently attached to and made a part of such structures and non-structural improvements. Beginning with the 2023 Budget, the District began including capital projects funded by the Stormwater Management Fund into the CIP total to more accurately reflect the District's overall Capital Improvement Program. The current CIP has a total estimated cost of \$1.9 billion, which includes 2025 project awards, land acquisition, project support, future project awards, and the construction value remaining on projects currently under construction. The District's ambitious CIP addresses the modernization of aging infrastructure, prepares for changing effluent permit conditions, and also addresses stormwater management capital projects.

Projects under construction have been presented and authorized in previous budgets and are recognized in the annual budget as outstanding liabilities in the Capital Improvements Bond Fund (CIBF). In the Construction and Stormwater Management Funds, projects are re-appropriated each year. Future projects, not yet appropriated, are also included in the annual budget to present a comprehensive picture of the District's overall CIP. These future projects will be requested for appropriation subject to their priority, design, and available funding.



*The diversion channel for the Midlothian Creek Flood Control Project in Robbins that the District helped fund is an example of a stormwater partnership project directly supporting municipalities in Cook County to address localized flooding and drainage concerns.*



*According to the District's Green Infrastructure Partnership Program, permeable alleys are more attractive and hold more stormwater. The District and municipal partners completed several green alley projects, as shown above in Maywood.*

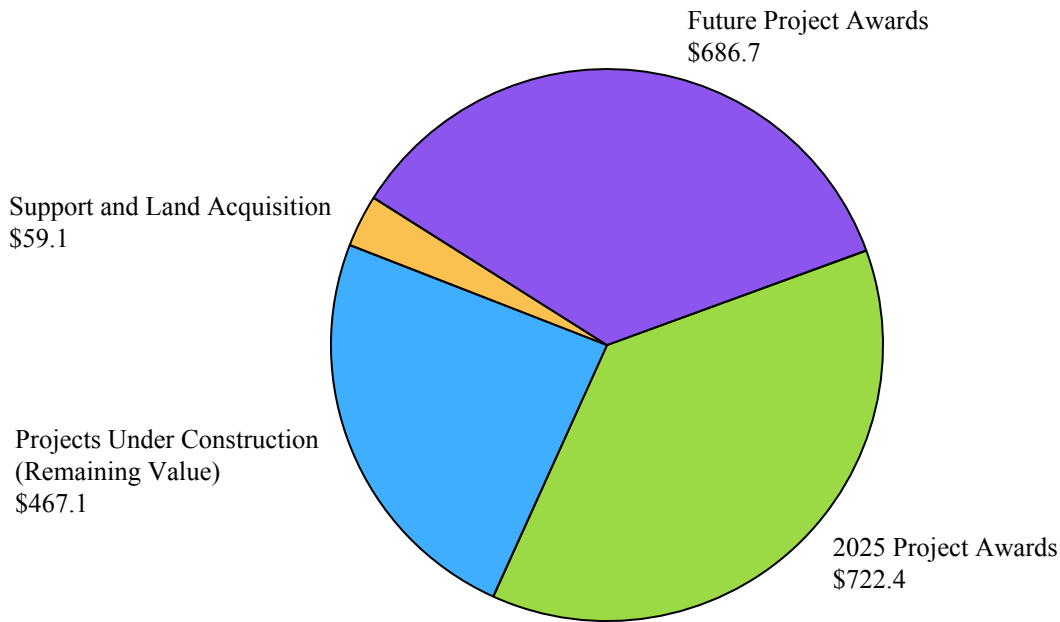
The Construction Fund is utilized as a pay-as-you-go capital rehabilitation and modernization program, primarily for projects at the water reclamation plants. Capital projects are financed by a tax levy or other funding sufficient to pay for project costs as they are constructed. As the District replaces, rehabilitates, and modernizes aged and less effective infrastructure, capital projects are assigned to the Construction Fund, Stormwater Management Fund, or CIBF based on the nature of the project, dollar magnitude, and the useful life of the improvement.



*Budget Message / Highlights*

The CIBF includes major capital infrastructure projects whose useful lives extend beyond 20 years, and which will be financed by long-term debt, federal and state grants, Water Infrastructure Finance and Innovation Act loans, and State Revolving Fund loans. The Illinois Property Tax Extension Limitation Law (Tax Cap) limits new debt that the District can issue by a debt service extension base, which allows local governments with non-referendum authority to continue to issue non-referendum debt as long as the annual debt service levies do not exceed the limit. The debt service extension base is increased annually by the Consumer Price Index or five percent, whichever is less. However, an exemption for projects initiated before October 1, 1991 was granted to the District to enable completion of the TARP.

**Capital Improvement Program (million \$)**



**Construction Fund**

The Construction Fund appropriation for 2025 totals \$81.1 million, an increase of \$6.5 million, or 8.7 percent, from the 2024 Adjusted Budget. Capital projects in the Construction Fund are primarily supported by property taxes, but will also be supported by a \$18.0 million allocation of PPRT in 2025. The 2025 tax levy planned for the Construction Fund is \$7.0 million, reflecting no change from the 2024 Adjusted Levy. A complete listing and description of proposed projects, projects under construction, and projects scheduled for 2025 award, can be found in the Capital Budget ([Section V](#)).

**Capital Improvements Bond Fund**

The 2025 appropriation for the Capital Improvements Bond Fund is \$560.9 million, an increase of \$252.6 million, or 82.0 percent, from the 2024 Adjusted Budget. The increase in appropriation reflects the timing in the award of major projects. The 2025 appropriation includes construction costs for capital projects to be awarded in the amount of \$512.9 million, while the remaining \$48.0 million includes funding for the acquisition of easements, bond issuance costs, allowances for contract change orders, and legal and other support services relating to capital projects. An appropriation for the open value of existing contracts is also carried forward from the prior year. A complete listing and description of proposed projects, projects under construction, and projects scheduled for 2025 award can be found in the Capital Budget ([Section V](#)).

## *Budget Message / Highlights*

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### **Retirement Fund and OPEB Trust Fund**

The Retirement Fund of the District is established under Illinois Compiled Statutes to provide funding and administration for a retirement program for District employees. The Fund is financed with employee and employer contributions and investment income, which are distributed to the fund when collected. The annual appropriation requests for this fund are taxes receivable from previous years' tax levies.

The District has addressed pension liabilities through funding policies approved by the Board of Commissioners and supporting legislative changes for the Metropolitan Water Reclamation District Retirement Fund.

- In 2012, a statutory change increased the employee contributions by one percent per year for three years for employees who were members before January 1, 2011. The increased contribution will remain in place until the fund reaches a 90 percent funding ratio.
- A legislative change effective January 1, 2022 allows the District to identify surplus revenues to contribute to the Retirement Fund to provide advance funding to maintain growth in the Retirement Fund's funded ratio. The 2024 appropriation included an equity transfer of \$31.5 million to the Retirement Fund to provide advance funding to maintain growth in the Retirement Fund's funded ratio, as well as \$11.3 million from the 2022 Property Tax Levy Adjustment Public Act 102-0519, and the 2025 appropriation includes a \$21.6 million transfer of surplus revenue from the Corporate Fund and \$8.4 million from the 2023 Property Tax Levy Adjustment Public Act 102-0519.
- On April 22, 2022, the Governor signed Public Act 102-0707 allowing the District to issue up to \$600.0 million of Pension Obligation Bonds, the authorization has no sunset date, and the unlimited tax bonds would be excepted from debt service extension base limitations.
- The District will complete a full analysis of a potential bond sale based upon varying interest rates. Any bond issuance will only be pursued if an optimal low interest rate environment provided the opportunity.
- The Retirement Fund's funded ratio is 55.5 percent funded, as of December 31, 2023. The District's Funding Policy Goal for the Retirement Fund is to be 100 percent funded by 2050.

The 2025 appropriation for the Retirement Fund is \$118.7 million, a decrease of \$10.5 million, or 8.1 percent, compared to the 2024 Adjusted Budget. The 2025 total tax support for the Retirement Fund is \$93.4 million, which is comprised of \$19.0 million from the District's Personal Property Replacement Tax allocation and a \$74.4 million property tax levy. The property tax levy of \$74.4 million is an increase of \$1.7 million, or 2.3 percent, compared to the 2024 Adjusted Levy. The appropriation is based on a statutorily required formula that bases the District levy, and subsequent appropriations, on employee contributions made in previous years. The District's statutory tax levy calculation multiplier is 4.19 of employee contributions. A detailed explanation of the fund's fiscal status, participation, and income is presented in [Section VII](#) of this budget document.

The District provides and subsidizes health care benefits for its retirees through a statutorily authorized Other Postemployment Benefits (OPEB) Trust for the purpose of providing for the funding and payment of health benefits for retired, disabled, or terminated employees of the District or for their dependents and beneficiaries. Since the Trust was established in 2007, the District adopted an OPEB advance funding policy meant to (i) improve the District's financial position by reducing the amount of future employer contributions and (ii) serve to establish a reserve to help ensure the financial ability to provide health care coverage for District retirees and annuitants in the future.

The current funding policy includes a 100 percent target funding level, an advance funding period of 12 years, and a defined advance funding amount of \$5.0 million to be contributed in each of the 12 years from 2015 through 2026. No further advance funding contributions are expected after 2026. Through December 31, 2023, \$157.4 million will have been contributed by the District to the OPEB Trust. The advance funding contribution for 2024 was \$5.0 million and the 2025 budgeted contribution is \$5.0 million. While authorized by statute, there is currently no legal requirement for the District to partially or fully fund the OPEB Trust. The accumulated unfunded OPEB obligation was \$88.3 million as of December 31, 2022, based on an updated roll-forward calculation from the most recent actuarial valuation. The policies adopted by the District are cautious by design and will provide ample opportunity for adjustment. Future direction may also be changed significantly by national health care policies.

## Budget Message / Highlights

### Reserve Claim Fund

The Reserve Claim Fund acts as the District’s insurance fund. The District is partially self-insured and utilizes this fund for emergency repairs and claims against the District. District policy is to annually levy a half-cent annual tax rate to provide funds for current claims and to accumulate a fund reserve towards the statutorily authorized limit of \$97.8 million.

The 2025 appropriation of \$57.3 million is an increase of \$5.0 million, or 9.5 percent, from the 2024 Adjusted Budget. The practice is to fund toward the maximum fund balance allowable. This estimate is reviewed and adjusted annually.

A historical profile of the resources available in the fund is provided in [Section VII](#) of this budget document. The levy will remain flat for this fund in 2025.

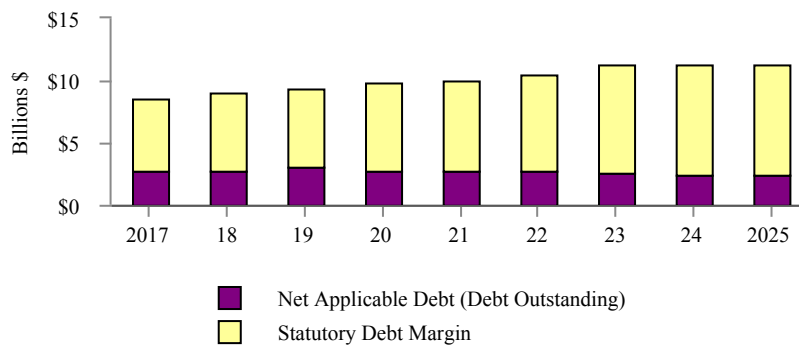


*Native pickerelweed grows on the banks of Lake Katherine in Palos Heights. This perennial plant can grow in shallow water and provide protection to fish and other aquatic wildlife while also attracting pollinators to its flowers. Lake Katherine Nature Center and Botanic Gardens is one of the many parks and natural areas on District property.*

### Bond Redemption & Interest Fund

Debt service is paid through the Bond Redemption & Interest Fund. The District finances its major capital improvement projects through the sale of long-term general obligation bonds, grants received from the state and federal government, and loans from the Illinois State Water Pollution Control Revolving Loan Fund, or State Revolving Fund (SRF). Principal and interest payments on District general obligation bonds, and SRF loans, require an annual levy and appropriation.

**Net Debt and Statutory Debt Margin**



The SRF Loan Fund provides low-interest loans to finance qualifying projects. Upon project completion, District bonds are issued at the same low-interest rate. The current interest rate for new loans to the District is 1.9 percent. The District has authorized approximately \$2.2 billion of SRF loans since the program's inception. The District expects to receive \$50.0 million in 2025 and approximately \$50.0 million annually from SRF loans for the next several years.

The 2025 appropriation for the Bond Redemption & Interest Fund totals \$234.6 million, a decrease of \$1.1 million, or 0.5 percent, compared to the 2024 Adjusted Budget. In 2022, the District prepaid the balance on five existing SRF loans totaling \$43.0 million with a projected savings of \$12.7 million over 15 years. A debt service graph is found on page 48 that displays debt service from 2017 through 2029 and one on page 524 that displays debt service from 2025 through retirement. The 2025 tax levy for this fund is \$247.8 million, an increase of \$0.4 million, or 0.1 percent, from the 2024 Adjusted Levy.

## *Budget Message / Highlights*

### **Non-Referendum Bonding Authority**

The 1995 Tax Extension Limitation Law (Tax Cap), together with subsequent amendments to the statute, limit the District's ability to issue debt. The District has authority to issue bonds without seeking voter approval via referendum through the year 2034, effective January 1, 2020. The statutory debt limit is equal to 5.75 percent of the District's EAV. The District's 2023 EAV is \$195.7 billion, setting the District's statutory debt limit at \$11.3 billion. Outstanding debt applicable to the debt limit as of December 31, 2024, totals \$2.4 billion. The debt margin is \$8.9 billion. The 2025 debt service extension base limit is \$200.1 million.

Additional bond issues through 2034 will be used to finance capital projects identified by prioritization. Initial estimates and schedules for the projects were analyzed and compared to bond issuance authority and funding availability. The bond issuance authority will generally accommodate the proposed project expenditures through 2034. Extension or increase in the authority may be necessary for additional projects that may be required to meet more stringent NPDES permit discharge limits, including effluent disinfection, nutrient removal, and supplemental aeration.

On April 22, 2022, the Governor signed Public Act 102-0707 allowing the District to issue up to \$600.0 million of Pension Obligation Bonds, the authorization has no sunset date, and the unlimited tax bonds would be excepted from debt service extension base limitations.

<b>History of Legislative Amendments Limiting Borrowing Authority</b>	
Public Act 89-0001	The initial Tax Cap legislation that limited non-referendum authority to projects that were initiated prior to October 1, 1991. Effective July 7, 1995
Public Act 89-0385	Provided the District with the authority to issue non-referendum "limited bonds" for capital projects initiated after October 1, 1991. Effective August 18, 1995
Public Act 90-0485	Provided a further modification by authorizing the exclusion of debt for TARP projects from this debt service limit. Effective August 17, 1997
Public Act 93-0279	Increased the dollar limit on bonds that may be issued during any one budget year to not exceed \$150 million, plus the amounts of any bonds authorized and unissued during the three preceding budget years. Effective July 22, 2003
Public Act 96-0501	Allows for an annual increase in the debt service extension limitation base by the lesser of five percent or the percentage increase in the Consumer Price Index beginning with the 2009 levy. Effective August 14, 2009

## *Budget Message / Highlights*

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### **Basis of Budgeting and Accounting**

The basis of budgeting and the basis of accounting determine when revenues and expenditures are recognized for the purposes of budget control and financial reporting. As per Illinois Compiled Statutes, the District's budget is adopted and executed such that receipts are recognized on a cash basis and expenditures on an accrual basis or as soon as they are incurred. The Annual Comprehensive Financial Report is prepared using the modified accrual basis of accounting in conformity with Generally Accepted Accounting Principles (GAAP). The exceptions between the basis of budgeting and the basis of accounting are noted below.

In the Corporate, Construction, and Stormwater Management Fund budgets, revenues are recognized on a cash basis except for property and personal property replacement taxes, which are recognized based on working cash borrowing plus an estimate of collections of property and property replacement taxes over and above the working cash borrowing. Expenditures are recognized on a GAAP basis except for inventory expenditures, which are accounted for on the purchase method for budgetary purposes and on the consumption method for GAAP financial reporting purposes. Transfers in and transfers out to other funds are considered other financing sources and uses.

The Capital Improvements Bond Fund (CIBF) is budgeted on an "obligation" basis of accounting, which records total expenditures and grant revenues in the period in which contracts or grants are awarded. Appropriations lapse at year-end for the Corporate, Construction, Retirement, Stormwater Management, and Debt Service Funds. Appropriations for the CIBF lapse at the end of the year to the extent of the unencumbered balances. Encumbered balances are not reported as reservations of fund balances, as the amounts are reappropriated in the following year.

The government-wide and fiduciary financial statements are reported using the economic resource measurement focus and the accrual basis of accounting. Revenues are recorded when earned and expenses are recorded at the time liabilities are incurred, regardless of the period of related cash flows. Property taxes are recognized in the year of levy and personal property replacement taxes are recognized in the year earned. Grants and similar items are recognized as revenue in the fiscal year that all eligibility requirements have been met.

The District's governmental funds are reported using the current financial resources measurement focus and the modified accrual basis of accounting. Under the modified accrual basis, revenues are recognized when susceptible to accrual, i.e., when measurable and available to finance operations. Expenditures are recognized in the period in which the fund liability is incurred, except for principal and interest on long-term debt, compensated absences, claims, judgments, and arbitrage, which are recognized when due and payable.

The accounting and reporting treatment applied to the capital assets and long-term liabilities associated with a fund are determined by its measurement focus. Since governmental funds are accounted for on the current financial resources measurement focus, only current assets and current liabilities are included on their balance sheets. Their reported fund balance (net current assets) is considered a measure of "available spendable resources." Governmental fund operating statements present increases (revenues and other financing sources) and decreases (expenditures and other financing uses) in net current assets. Accordingly, they are said to present a summary of sources and uses of "available spendable resources" during a period.

Property taxes, user charge revenue, interest, land rentals, and personal property replacement tax revenue are accrued to the extent that they are measurable and available to satisfy liabilities of the reporting period. In general, the revenue recognition period is limited to amounts collected within 60 days following year-end. Receivables that are unavailable are reported as deferred revenue.

Grants from federal and state agencies are recorded as revenues in fund financial statements when reimbursable expenditures are incurred, or other eligibility requirements imposed by the provider are met, and the grant resources are measurable and available. Property taxes attach as an enforceable lien on property as of January 1 of the levy year. They are levied and recorded as a receivable as of January 1 and are due in two installments in the following year.

## *Financial Policies, Objectives, and Accomplishments*

### **Financial Policies, Objectives, and Accomplishments**

To meet its federal, state, and local responsibilities, while ensuring cost-effective operations, the District adheres to a number of financial policies. These policies are part of a dynamic process whereby the best use is made of available District resources. The following provides an overview of these policies, their objectives, and the measurable accomplishments resulting from their use.

#### **Budgetary Policies**

To protect the strong financial position of the District, ensure uninterrupted services, and stabilize annual tax levies, the Board adopted the following policies on December 21, 2006 to enhance and maintain budgetary fund balances. The General Corporate Fund policy was amended on December 10, 2009. The Bond Redemption & Interest Funds Investment Income policy was amended on November 3, 2011. The Stormwater Management Fund policy was adopted on December 10, 2009 and amended on November 3, 2011 and December 17, 2015.

#### **General Corporate Fund**

- Corporate Fund undesignated fund balance as of January 1 of each budget year must be maintained at between 12 percent and 15 percent of appropriations. The fund balance may be maintained by not fully appropriating prior year fund balances. This level of fund balance will ensure the District's ability to maintain all operations even in the event of unanticipated revenue shortfalls and provide time to adjust budget and operations;
- Corporate Working Cash Fund must be sufficient to finance 95 percent of the full annual expenditure of the Corporate Fund. This will be financed through transfers of surpluses from the Construction Working Cash Fund, direct tax levies, tax levy financed debt (Working Cash Bonds), and transfers of accumulated interest from other funds. This level of fund balance will continue financing of the Corporate Fund in the event of delays in second installment real estate tax collections;
- Reserve Claim Fund balance will be targeted toward the maximum level permitted by statute, 0.05 percent of the equalized assessed valuation (EAV), whenever economically feasible. This will be financed through tax levies at the maximum 0.5 cents per \$100 of EAV when economically feasible and financially prudent. This level of funding will protect the District if environmental remediation costs cannot be recovered from former industrial tenants of District properties, catastrophic failure of District operational infrastructure, or other claims. As the District is partially self-insured, adequate reserves are critical.

The District will appropriate funds from the unassigned fund balance for emergencies and other requirements that the District believes to be in its best interest. In the event that any of these specific component objectives cannot be met, the Executive Director will report this fact and the underlying causes to the Board with a plan to bring the fund balances back into compliance with policy within a two-year period. To maintain relevance, this policy will be reviewed every three years following adoption or sooner at the discretion of the Executive Director.

#### **Stormwater Management Fund**

The maximum property tax levy of five cents per \$100 of EAV for the Stormwater Management Fund shall be allocated at a maximum two cents per \$100 of EAV to fund operations and maintenance expenditures and the remainder of the levy shall fund direct cash outflows for capital and capital related expenditures and the interest and redemption of general obligation bond issues for capital projects.

#### **Capital Improvements Bond Fund Investment Income**

Investment earnings from the Capital Improvements Bond Fund (CIBF) resulting from all future bond issues will fund an equity transfer to the Bond Redemption & Interest Funds and be used to abate property tax levies or for other corporate needs. This practice will also limit the payment of arbitrage rebates.

#### **Bond Redemption & Interest Funds Investment Income**

Fund balances in the Bond Redemption & Interest Funds that might accumulate due to investment income will be identified and used to abate Bond Redemption & Interest property tax levies or for other corporate purposes. These abatements appropriately reduce property tax levies by the amount earned on invested balances above what is necessary for paying principal and interest due over the following 12 months, while still maintaining appropriate fund balances and when not required for other corporate



## *Financial Policies, Objectives, and Accomplishments*

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purposes. This policy and the subsequent tax abatements will assist in compliance with the Board's overall tax levy policy, which is not to exceed a five percent increase over the prior year, excluding the Stormwater Management Fund tax levy.

### Abatement of Interest Rate Subsidies from Build America Bond Issuances

Interest reimbursement payments related to taxes levied for Build America Bond issuances will be presented to the Board for approval to abate, to be used for any lawful corporate purpose, or a combination thereof as determined as part of the annual budget process. Such abatement or alternative lawful use of the funds will be presented to the Board for approval prior to any abatement or use of reimbursement funds.

### Capital Improvements Bond Fund Accumulated Income

Revenues that have accumulated in the CIBF from investment income, royalties, grants, or SRF revenues will primarily be used for capital projects. Capital projects are generally in the CIBF; however, capital projects in the Construction or Corporate Funds of critical importance may be financed by transfers from this revenue source. These funds may be transferred to the Bond Redemption & Interest Fund to be used to abate property taxes or may be used for other corporate needs, as necessary.

### Annual Budget

The District's Annual Budget shall present a complete financial plan for the budget year. The Budget will be prepared and presented as one comprehensive management and balanced financial plan, including capital and operating requirements, financing requirements, requirements for employee retirement, and reserve claim funding.

In addition, the District prepares and manages its budgets based on the following long-standing policies:

- Budget estimates shall be prepared, and appropriations made, in a manner that reflects the use of program and performance principles and unit cost data. Appropriations shall be arranged according to funds, programs, and organizational units;
- Historical levels of funding and expenditure shall be included in the Budget to provide comparisons. Financial forecasting of future requirements shall be included to provide estimates of future financial and operating conditions;
- The Budget shall contain separate and combined estimated balance sheets for each fund, with estimates of current assets and liabilities as available for appropriation at the beginning of the budget year;
- The Budget shall include a statement showing the method of arriving at the net tax figure, and provide estimates of all taxes to be levied for such budget year, as well as all other current receipts to be derived from other revenue sources;
- Statements shall be included in the Budget, which detail bonded indebtedness of the District, and show bonds authorized and unsold, District borrowing capacity, and the maturity dates of bond issues and corresponding rates of interest;
- The District will comply with the 1995 Tax Cap and Board policy limiting increases in the total property tax levy to five percent, excluding the Stormwater Management Fund.

### Retirement Fund

On October 2, 2014, the Board adopted a policy establishing the objectives, goals, and funding sources for the annual contribution to the Metropolitan Water Reclamation District Retirement Fund.

#### Policy Objectives:

- Provide for a funding plan based on actuarially determined contributions;
- Provide funding discipline to ensure promised benefits can be paid;
- Seek reasonable and equitable allocation of the cost of benefits over time;
- Minimize volatility of the District's contributions to the extent reasonably possible and consistent with other policy goals;
- Support the goals of accountability and transparency with clear benchmarks and reporting.

**Funding Goal:** The funding goal of the District is to contribute annually to the Retirement Fund an amount that over time will increase the ratio of Retirement Fund assets to accrued liabilities to 100 percent by the year 2050.

**Source of Funding:** The source of funding for the District's contribution is the annual real estate tax levy and personal property replacement tax receipts as allowed under 40 ILCS 5/13-503.

The District may, at its discretion, transfer excess interest income or other legally available revenues to the Fund in accordance with 70 ILCS 2605/5.9. Such transfers will be made in addition to the annual tax levy amount funded by real estate and personal property replacement tax receipts.

## *Financial Policies, Objectives, and Accomplishments*

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### Implementation of Funding Policy:

- In order to achieve the goals and objectives, the District will annually contribute: (1) an amount equivalent to the maximum employer contribution allowable by statute or (2) if the maximum amount exceeds the amount available for contribution from the District's tax levy in any budget year, the District may contribute an amount determined by the Fund actuary based on a triennial projection that exceeds the minimum employer contribution required by the statute and achieves a funded ratio of 100 percent by the year 2050.

### Benchmarks:

- Progress toward the funding goal will be determined in part by an actuarial projection to be performed by the Fund's actuary every three years. This triennial projection will calculate a consistent multiple through the year 2050 that (1) satisfies the statutory requirements every year and (2) achieves a funded ratio of 100 percent by 2050. The projection multiple will serve as a guide for determining employer contributions until the next projection is performed. In addition to the triennial projection, the funded ratio calculated each year by the Fund actuary will serve as a benchmark to determine progress toward the funding goal.

### **Budgetary Objectives**

- The District shall make every effort to minimize the tax levy using sound management and cost-effective operations.
- The District will maintain a positive relationship between revenues and expenditures.
- The financing of the Corporate, Stormwater Management, and Construction Funds budgets will be managed through use of the Corporate, Stormwater, and Construction Working Cash Funds, respectively. Interfund transfers will be used to minimize property tax levies for the Working Cash Funds.
- The District's Budget shall be prepared and presented in such a manner that it serves as a clear and comprehensive policy document, financial plan, operations guide, and communications device to its staff, public officials, and citizens.

### **Budgetary Accomplishments**

The District's property tax levies comply with the Tax Cap Law. Fiscal plans have been developed and implemented to reduce expenditures as necessary to meet property tax revenue constraints while meeting our statutory and regulatory responsibilities.

The District has effectively institutionalized a financing strategy that avoids short-term financing of District operations. For 2025, the Working Cash Funds have sufficient balances to provide the desired level of financing without imposing a tax levy.

The Five-Year Financial Forecast component of the Budget and interim budgetary reporting identify future revenue shortfalls well ahead of time to allow for legislative relief to be sought or for other management plans and programs to be developed to avoid actual revenue shortfalls or over committed financial obligations.

For the 40th consecutive year, the GFOA of the United States and Canada has presented the Distinguished Budget Presentation Award for the District's 2024 Annual Budget. The entire 2025 Budget is available at [mwrdd.org](http://mwrdd.org).

### **Investment and Cash Management Policy**

The District's formal investment policy, in place since December 1999, and last revised in November 2018, states in its preamble that, "It shall be the policy of the District that all public funds available, not restricted by immediate need, be invested in investment securities so as to maximize return without sacrifice of safety or necessary liquidity." This policy complies with Public Act 90-688 requiring all public entities within the State of Illinois to have a formal investment policy passed by its governing authority and sets forth the parameters and objectives of the District's investment and cash management policy.

Funds received are to be deposited on the day of receipt and invested as soon as the funds become available, if not immediately required for cash flow needs. The primary objectives of investment activities, in priority order, are safety, liquidity, and yield.

District funds can be invested in such securities as authorized by Illinois Public Act 235, the Public Funds Investment Act. The investments which the District may purchase are limited to the following: (1) securities, which are fully guaranteed by the U.S. Government as to principal and interest; (2) certain U.S. Government Agency securities; (3) certificates of deposit or time deposits of banks and savings and loan associations which are insured by a federal corporation; (4) short-term discount obligations of the Federal National Mortgage Association; (5) certain short-term obligations of corporations (commercial paper) rated in the highest classifications by at least two of the major rating services; (6) fully collateralized repurchase agreements; (7) the State Treasurer's Illinois and Prime Funds; (8) money market mutual funds and certain other instruments; and (9) municipal

***Financial Policies,  
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bonds of the state, or of any other state, or of any political subdivisions thereof, whether interest is taxable or tax-exempt under federal law, rated within the four highest classifications by a major rating service.

Investment activities are to incorporate sustainability considerations according to the revised Investment Policy and guidelines implemented in December 2019. An integration approach should be used, whereby sustainability criteria are combined with traditional financial considerations to identify and invest in companies that are better sustainability performers within a sector or industry group. Independent ratings and research will be used to evaluate environmental, social, governance/leadership (ESG), human capital, and business model/innovation factors when assessing opportunities to invest in commercial paper. The District will also maximize opportunities to invest in government agency and municipal bond instruments, which are designed to support ESG and sustainability factors.

Certificates of deposit or time deposits will be collateralized with securities of the U.S. Government, in an amount equal to 105 percent (at market) of the funds on deposit, or with a Federal Home Loan Bank letter of credit equal to 102 percent (at market).

**Investment Objectives**

- To maintain an average daily investment of at least 99 percent of funds available for investment.
- To increase minority and community development banking and broker/dealer participation in District investments to 30 percent of invested funds.

**Investment Accomplishments**

In the past ten years, the interest income earned on investments has been:

2015	\$	6,413,000	2020	\$	7,941,000
2016		5,892,000	2021		3,471,000
2017		8,555,000	2022		10,513,000
2018		14,829,000	2023		32,031,000
2019		17,844,000	2024		39,400,000 (Estimated)
			Total	\$	146,889,000

**Bonded Debt Policy**

Bonded debt of the District is to be issued only in the amounts and for the purposes to which Illinois Statutes limit the District.

Bonded debt issued for working cash or capital improvement purposes is to be issued as general obligation debt of the District. Capital Improvements bonded debt is to be issued to mature no more than 30 years from the year of issue.

Bonded debt is to be issued only when needed, and in amounts necessary for meeting such needs, unless financial market conditions and/or projections indicate that it is in the District’s best interest to deviate from this practice.

Excess fund balances in the Bond Redemption & Interest Fund may be identified and used to abate Bond Redemption & Interest Fund levies.

**Bonded Debt Objectives**

- To maintain or improve the District’s Aa1, AAA, and AA+ bond ratings from Moody’s Investor Services, Fitch Ratings, and Standard & Poor’s Global, respectively.
- To provide timely and cost-effective bonded debt financing.
- To structure future debt service so as to provide a stable trend in future debt service tax levies.

**Bonded Debt Accomplishments**

The District has maintained strong bond ratings despite the economic challenges facing the overlapping governments.

The primary reason for downgrades in ratings is the pressure on the District’s tax base due to the significant debt burden and pension liabilities for major governmental agencies in Cook County, reflecting Moody’s and Standard & Poor’s Global’s opinion on the affordability of possible tax increases by other agencies and how this could impact Cook County residents. In addition, Moody’s changed its pension rating methodology in April 2013 and implemented different assumptions to estimate the unfunded pension liability than is currently required by governmental accounting standards.

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**Bond Rating History**

Fitch Ratings		Standard & Poor's Global		Moody's Investor Services	
2001-present	AAA	2022-present	AA+	2023-present	Aa1
1999-2001	AA+	2020-2022	AA	2015-2022	Aa2
1995-1999	AA	2016-2020	AA+	2013-2015	Aa1
		2006-2016	AAA	2002-2013	Aaa
		2001-2006	AA+	1999-2002	Aa1
		1969-2001	AA	1997-1999	Aa1
				1974-1997	Aa2
				1968-1974	Aa
				1944-1968	A1
				1938-1944	Baa

The Illinois Legislature amended the Metropolitan Water Reclamation District Act to provide that the District must levy a direct annual tax to pay the principal and interest on indebtedness within 30 years after contracting the debt, enabling the District to issue debt for a maximum of 30 years after contracting the debt. In addition, the District’s Act was amended during 2019 to extend non-referendum bonding authority to December 31, 2034, effective on January 1, 2020.

**Financial and Accounting Policies**

The significant accounting policies of the District conform to GAAP in the United States of America, promulgated by the Government Accounting Standards Board (GASB) as applicable to governmental units.

The basic accounting and reporting entity of the District is a “fund.” The District’s governmental funds are reported using the current financial resources measurement focus and modified accrual basis of accounting.

The fiduciary funds of the District are the Pension Trust Fund and the OPEB Trust Fund. Trust fund assets and liabilities are accounted for on the full accrual basis, and investments are recorded at market value. Property taxes and the personal property replacement tax are accrued to the extent that they are measurable and available to satisfy liabilities of the reporting period.

An internal audit function is maintained as an independent appraisal activity for the review of accounting, financial, internal control structure, and other operations. It aids managerial control by measuring and evaluating the effectiveness of and compliance with District policies, procedures, and other internal controls, as directed by the Executive Director.

**Financial and Accounting Objectives**

- District financial information is available through the Annual Comprehensive Financial Report, Budget Report, Grantor Agency Reports, and supplementary information.
- District financial reports are prepared in compliance with GAAP to fulfill the District’s duty to be publicly accountable while allowing users to assess that accountability.
- District financial reports are designed to assist users in evaluating the District’s ongoing operations and assessing the level of services provided and our ability to meet obligations as they become due.
- The annual audit performed by independent certified public accountants ensures compliance with generally accepted accounting principles including GASB statements. In addition to meeting the requirements as set forth in the State of Illinois Compiled Statutes, Chapter 70, 2605/5.12, the audit will also ensure compliance with the Federal Single Audit Act regulations in OMB Circular A-133.
- GASB 87 was implemented in 2021 as required in order to improve lease reporting. Going forward, leases will be accounted for and reported as financings for the right to use an underlying asset. As the District is the lessor for hundreds of leases and easements, the new reporting model will have a substantial impact on the District's reporting for leases.
- The Internal Auditing Section assists the Executive Director by furnishing independent and objective analyses, appraisals, and recommendations for improvement concerning the activities reviewed.
- On July 13, 2006, the Board adopted a policy to address GASB 45, requiring reporting of the future liability for maintaining Other Postemployment Benefits (OPEB), primarily retiree health insurance benefits. GASB 45 was superseded

## *Financial Policies, Objectives, and Accomplishments*

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by GASB 75. The OPEB Trust Fund implemented GASB 74 (for post-retirement plan) in 2017 and the District implemented GASB 75 (for employer) in 2018.

- An irrevocable trust, the Metropolitan Water Reclamation District Retiree Health Care Trust, was established to fund the future OPEB liability with the following operating parameters. On October 2, 2014, the funding policy was amended by the Board with the following parameters:
  - 100 percent maximum funding level;
  - 12 year funding period;
  - \$5 million funding in each of the 12 years 2015 through 2026, with no further advance funding contributions required after 2026. Beginning in 2027, cash to be withdrawn from the Trust to fund claims and insurance premiums will be determined by the plan's actuary with the funding percentage to be maintained at 100 percent for all future years.
  - On November 19, 2009, the Board adopted the OPEB Trust Investment Policy designed to control risk and provide guidance in establishing a prudent investment strategy for the Trust. The policy was subsequently revised most recently on November 15, 2018 to allow for new asset allocation targets structured to provide competitive performance while minimizing the potential for losses. The current policy allows for a range of exposure to four aggregate asset classes including domestic equities, international equities, fixed income securities, along with money market funds and cash.

The District has adopted the following fund balance policy in conformity with GASB 54, Fund Balance Reporting and Governmental Fund Type Definitions:

- *Committed Fund Balances* - The District's Board shall establish, modify, or rescind a fund balance commitment by formal action of the Board;
- *Assigned Fund Balances* - The Executive Director may assign amounts of fund balances to a specific purpose;
- *Accounting Policies of Fund Balances* - The General Corporate Fund is a combination of the Corporate, Working Cash, and Reserve Claim Funds. In the General Corporate Fund, the District considers restricted amounts to have been spent first when an expenditure is incurred for purposes for which both restricted and unrestricted fund balance is available, followed by committed amounts, and then assigned amounts. Unassigned amounts are used only after the other categories of fund balance have been fully utilized. In governmental funds, other than the General Corporate Fund, the District considers restricted amounts to have been spent last. When an expenditure is incurred for purposes for which both restricted and unrestricted fund balance is available, the District will first utilize assigned amounts, followed by committed amounts, and then restricted amounts.

For the year ended December 31, 2015, the Board adopted a policy to implement GASB 68. The following categories are recognized and reported in the Annual Comprehensive Financial Report to better illustrate the pension liability to the District:

- Net pension liability
- Annual pension expense

### **Financial Accomplishments**

The GFOA awarded a Certificate of Achievement for Excellence in Financial Reporting to the District for its Annual Comprehensive Financial Report for the year ended December 31, 2023, and for the MWRD Retiree Health Care Trust for the year ended December 31, 2023. This is the 49th consecutive year and 17th consecutive year that the District has received these prestigious awards, respectively. The Annual Comprehensive Financial Reports are available at [mwrdd.org](http://mwrdd.org). The external audit of the District's 2023 financial statements, completed on May 10, 2024, includes an unmodified opinion. In 2024, the Internal Auditing Section completed 16 audits.



# *Policy Development and The Budget Process*

## **Policy Development and the Budget Process**

Policy development for the District, performed on both the legislative and executive level, is ongoing and integrally related to the budget process.

### **Planning and Policy Development Activities of the Board of Commissioners**

The District’s Board is the organization’s legislative branch wherein planning is done through a standing committee structure, whereby committee chairpersons and vice-chairpersons are elected by the Board concurrent with the biannual election of officers. With the exception of the Committee on Finance, whose chair is specifically referred to in the District’s enabling legislation, the focus of each committee is determined by the Board itself. The members of these committees are made up of fellow commissioners. The Board’s committees follow:

Affirmative Action	Budget and Employment	Engineering
Ethics	Federal Legislation	Finance
Industrial Waste and Water Pollution	Information Technology	Judiciary
Labor and Industrial Relations	Maintenance and Operations	Monitoring and Research
Municipalities	Pension, Human Resources, and Civil Service	Procurement
Public Health and Welfare	Public Information and Education	Real Estate Development
State Legislation and Rules	Stormwater Management	

These standing committees develop plans and formulate policies that are then brought before the entire Board for formal adoption. These plans and policies provide direction to both the Board itself and the staff. On critical issues, and where broad discussion is warranted for future consensus building, the committee chairperson periodically calls “study sessions” inviting public testimony and discussion.

District Commissioners participate in regional planning and policy development as members of commissions, associations, and steering committees. By law, the Chairman of Finance serves on the Cook County Public Building Commission. The District has formally designated Commissioner representatives on the Chicago Metropolitan Agency for Planning and Fulton County Steering Committee. District participation in these regional planning committees ensures regional coordination, cooperation, and communication for policy development and planning.

The Board periodically recruits pro bono ad hoc Blue Ribbon Committees made up of government and business leaders to solicit input on issues of either regional interest or where expertise in an area outside the District’s primary functions is required.

Formal adoption of District policies is enacted at regularly scheduled Board meetings (semi-monthly) or at special Board meetings focused on a specific issue.

### **Strategic Plan**

In the fall of 2020, the Board of Commissioners and the Executive Team began working together to develop the 2021-2025 Strategic Plan. A Steering Committee, consisting of the District’s leaders, was formed to oversee the effort. Outreach to staff, local governments, and members of the public was a critical part of the process to ensure the inclusion of a range of perspectives in the development of the Strategic Plan. The plan will be updated on a yearly basis and will be coordinated with the annual budget process, which will allow the consideration of updates that require additional resources during the budget process and will ensure that the updated Strategic Plan and annual Budget are aligned.

### **Planning Activities by Staff**

The Executive Director serves as the District’s Chief Executive Officer and is responsible for the day-to-day administration of the organization. It is through the direction and authority of this office that compliance with the laws governing the agency and the policies established by the Board is assured. Under the direction of these laws and policies, staff planning takes place on various organizational platforms. Through organizational planning units, steering committees, task forces, and general managerial planning, District staff establishes organizational goals, objectives, and priorities. Planning takes place on both an interdepartmental and intradepartmental basis. Each committee or task force has representation that crosses departmental lines to ensure corporate agreement.

## *Policy Development and The Budget Process*

### **Committees and Task Forces Planning**

Other formal planning is accomplished through the utilization of committees and task forces. Committees and task forces meet monthly except for the Board of Standardization, which meets quarterly or as needed. A list of the various staff committees and task forces is as follows:

Inventory Review Board	Biosolids Task Force	Non-Core Business Project Committee
Board of Standardization	Injury Task Force	Records Management Committee
Natural Gas Committee	Audit Committee	Operations Committee

Each of these planning groups is delegated the responsibility to serve as District-wide planners for specific organizational needs. The Operations Committee includes subcommittees with designated assignments and purpose. These subcommittees work independently and then report their recommendations to the committee of the whole.

### **The Budget Process and Budget Procedures**

The Management & Budget Section of General Administration, staff to the Executive Director, prepares the Annual Budget and five-year financial plan, including coordinating and consolidating the capital and maintenance plans for the upcoming and future years. Revenue projections and debt service requirements are examined along with the financial feasibility of capital projects considering external and self-imposed financial constraints. The end product of this process is the Annual Appropriation Ordinance and a Five-Year Financial Forecast.

The 2025-2029 Five-Year Financial Forecast is prepared prior to the Executive Director's Budget Recommendations and reflects the best estimates of revenues, fund equity, and appropriation needs available at the time. The forecast is presented to the Executive Director. Subject to his review and approval, it is then included in the Budget. The projections are a tool designed to aid the District in planning and controlling its financial position over a longer range than the Annual Budget. It contributes to making the budget a comprehensive financial plan of District operations, past, present, and future. It summarizes the tax impact of the District's strategic goals and objectives.

All participants in the planning process are made aware of the District's budget process and cycle. The budget calendar is relatively the same from year-to-year and is distributed to the Board and staff in the first quarter of the preceding budget year. Correspondingly, planning groups develop plans, schedules, and detailed justification for personnel, contractual services, materials and supplies, equipment, and capital projects to comply with the annual budgeting process and cycle. Existing facilities' plans, historical expenditures, cash-flow projections, and long-term forecasts provide valuable guidelines as to the availability of resources for the upcoming budget development. These guidelines both facilitate the development of the budget and allow for meaningful debate during the budget review process as to priorities and organizational goals for the budget year, as well as future years. An outline of the Annual Budget process and procedures follows. The Strategic Plan guides the development of the Budget and the Five-Year Financial Forecast.

## *Policy Development and The Budget Process*

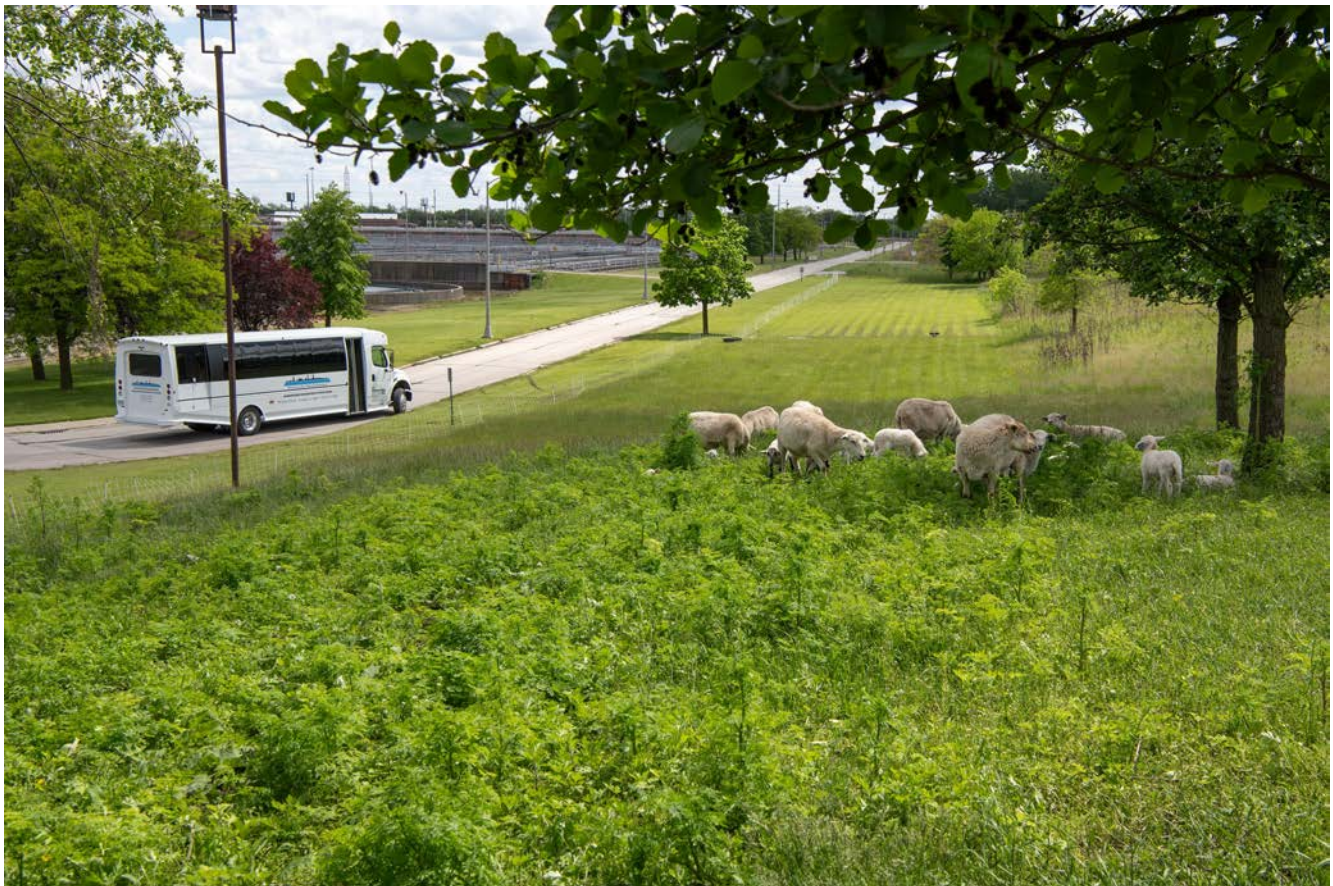
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The fiscal year of the District begins on January 1 and ends on December 31.

1. After the first half of the fiscal year, the Budget Office holds a meeting with departmental budget representatives to discuss policy and procedures for budget preparation that begins in July. Instructions are distributed to departments, together with guidelines from the Executive Director, which indicate the direction the Budget should follow for the coming fiscal year. The basic forms are returned to the Budget Office and a general summary is prepared for the Executive Director, who conducts departmental hearings in August.
2. A revenue meeting is conducted by the Executive Director, Administrative Services Officer, and Budget Officer, along with those departments responsible for revenue items. Available resources used to finance the Budget are analyzed at this meeting.
3. When departmental estimates are approved and final decisions are made, a Budget Message is prepared and the proposals of the Executive Director become the initial budget document. After departmental requests are finalized, the Executive Director's Budget Recommendations are published within 15 days. The Executive Director's Budget Recommendations are published and presented to the Board in October. At all times, the Budget figures are balanced between revenues and expenditures.
4. The Board's Committee on Budget and Employment holds public meetings with the Executive Director and department heads regarding the Executive Director's proposals.
5. At the conclusion of these hearings, the Committee on Budget and Employment recommends the preparation of a second document, a supplement to the Executive Director's Budget Recommendations called the "Tentative Budget," which incorporates changes approved at the hearings. Once printed, this is placed on public display, along with the Executive Director's Budget Recommendations, for a minimum of 10 days. An advertisement is published in a general circulation newspaper announcing the availability of the Tentative Budget for inspection at the main office of the District, and specifying the time and date of the public hearing.
6. At least one public hearing is held between 10 and 20 days after the Budget has been made available for public inspection. All interested individuals and groups are invited to participate.
7. After the public hearing, the Committee on Budget and Employment presents the Tentative Budget, which includes revisions and the approved Appropriation and Tax Levy Ordinances, to the Board for adoption. This action must take place before January 1.
8. The Budget, as adopted by the Board, can be amended once at the next Regular Meeting of the Board. No amendment, however, can be requested before a minimum of five days after the Budget has been adopted. Amendments for contracts and/or services not received before December 31 must be reappropriated in the new Budget and are included through this amendment process.
9. The final budget document "As Adopted and Amended" is produced, and an abbreviated version, known as the "short form" is published in a newspaper of general circulation before January 20 of the fiscal year.
10. Budget implementation begins on January 1. The Finance Department and Budget Office provide control of appropriations and ensure that all expenditures are made in accordance with budget specifications. The manual entitled "Budget Code Book" is published in conformance with the Adopted Budget and is used to administer, control, and account for the Budget.
11. Supplemental appropriations can be made for the appropriation of revenues from federal or state grants, loans, bond issues, and emergencies. The Executive Director is authorized to transfer appropriations between line items within an object class of expenditure within a department. After March 1 of each fiscal year, transfers of appropriations between objects of expenditures or between departments must be presented for approval to the Board in accordance with applicable statutes.
12. The Board can authorize, by a two-thirds majority, the transfer of accumulated investment income between funds and the transfer of assets among the Working Cash Funds.

## CALENDAR FOR 2025 BUDGET

- Executive Director's Budget Recommendations  
Submitted to Board of Commissioners ..... Tuesday, October 15, 2024
  
- Committee on Budget and Employment Hearings at 1:00 P.M. ....Thursday, November 7, 2024  
(Friday, November 8, 2024, if necessary)
  
- Committee on Budget and Employment Submits Tentative Budget  
to Board of Commissioners for Public Display .....Thursday, November 21, 2024
  
- Board of Commissioners Holds a Public Hearing  
on the Budget at 2:00 P.M. .... Thursday, December 5, 2024
  
- Board of Commissioners Adopts the Budget ..... Thursday, December 12, 2024
  
- Board of Commissioners Amends the Adopted Budget ..... Thursday, December 19, 2024

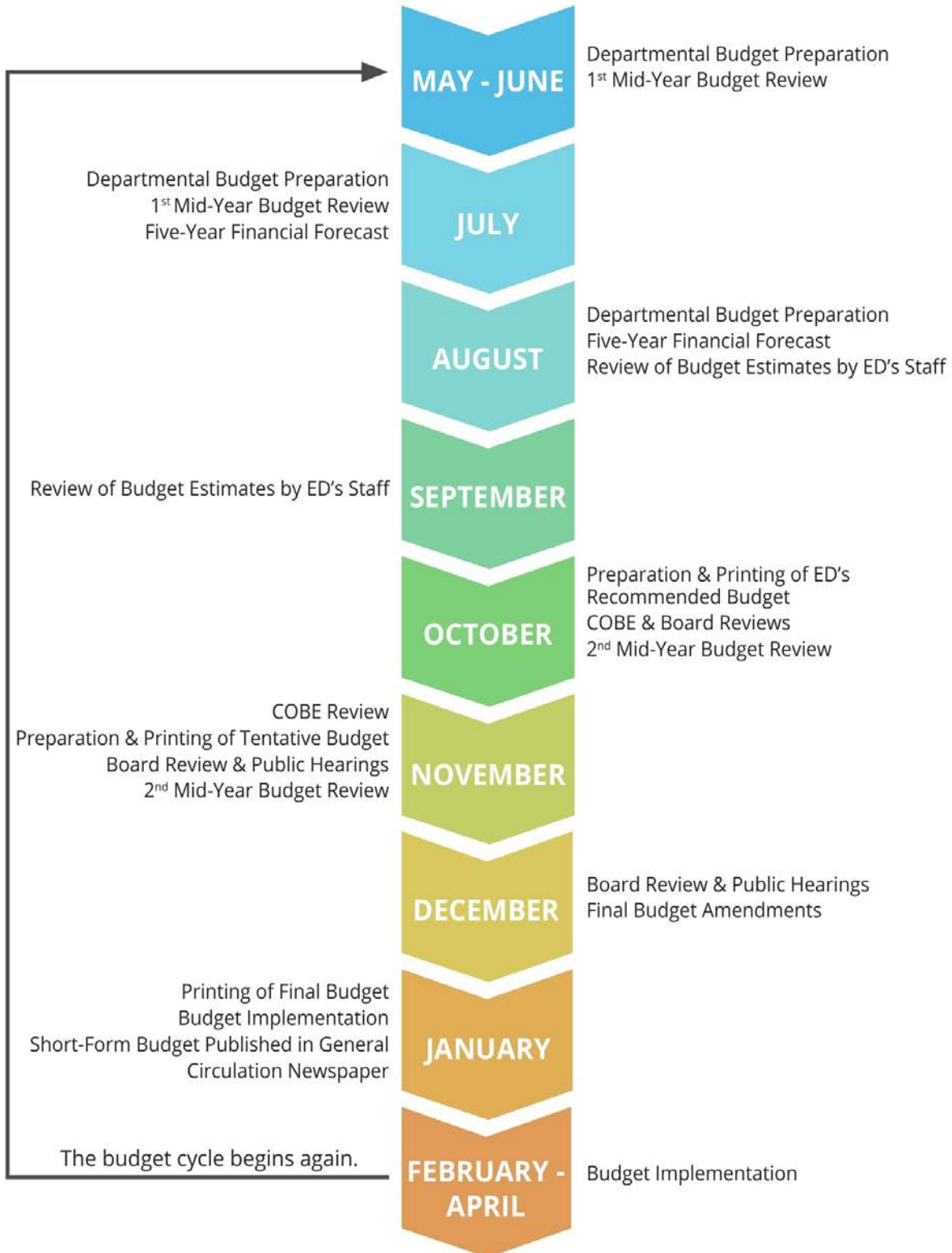


*More than 600 neighbors flocked to the District's water reclamation plants as part of Chicago Water Week. The impressive crowd dedicated their Saturdays to attend open houses hosted at the O'Brien and Stickney Water Reclamation Plants (WRPs) in Skokie and Cicero. Visitors touring the property on the Stickney WRP bus were treated to a view of sheep and goats clearing vegetation.*



## BUDGET CYCLE FOR 2024 - 2025

Each year, the District prepares and presents a complete financial plan for the budget year. The District monitors the revenues and expenditures on a regular basis. In accordance with the Illinois Compiled Statutes, the District maintains a balanced budget. The fiscal year begins on January 1 and ends on December 31.



COBE - Committee on Budget and Employment  
ED - Executive Director



**APPROPRIATION ORDINANCE NUMBER O24-008**

**ANNUAL APPROPRIATION ORDINANCE OF THE  
METROPOLITAN WATER RECLAMATION DISTRICT  
OF GREATER CHICAGO  
FOR THE FISCAL YEAR BEGINNING JANUARY 1, 2025  
AND ENDING DECEMBER 31, 2025**

**BE IT ORDAINED** by the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago:

*Section 1.* That this Ordinance be and the same is hereby termed the “Annual Appropriation Ordinance of the Metropolitan Water Reclamation District of Greater Chicago for the fiscal year beginning January 1, 2025, and ending December 31, 2025.”

*Section 2.* That the amounts hereinafter set forth or so much thereof as may be authorized by law and as may be needed, and not exceeding the aggregate sum allocated to and expendable by each department or principal division, be and the same are hereby appropriated for the payment of: (a) interest coupons on bonds; (b) sinking fund requirements for the payment of the principal of said bonds; (c) the Metropolitan Water Reclamation District Retirement Fund; (d) Construction Fund purposes; (e) Capital Improvements Bond Fund purposes; (f) Reserve Claim Fund; (g) Stormwater Management Fund purposes; and (h) all other corporate purposes of the Metropolitan Water Reclamation District of Greater Chicago during the fiscal year beginning January 1, 2025, and ending December 31, 2025.

*Section 3.* That for the purposes of accounting and expenditure control, the budgetary accounts set forth under the recital of estimated resources of the Metropolitan Water Reclamation District of Greater Chicago and budgetary accounts and code designations set forth in this Ordinance, shall be the official code designations of the Metropolitan Water Reclamation District of Greater Chicago and that the manual of Classification of Budgetary Code Accounts issued by General Administration of the Metropolitan Water Reclamation District of Greater Chicago, as revised, shall be in conformity therewith.

*Section 4.* That the Clerk and the other Heads of Departments of the Metropolitan Water Reclamation District of Greater Chicago shall use the aforesaid official code designations in administering the Appropriation Ordinance and in accounting for expenditures authorized herein.

*Section 5.* That wherever an appropriation is made under the classification “Personal Services,” “Contractual Services,” “Materials and Supplies,” “Machinery and Equipment,” “Capital Improvements,” “Land” or “Fixed and other Charges,” it is supported by a schedule of Line Items.

The Executive Director is authorized to transfer appropriations between line items within an object class of expenditure within a department. Transfers of appropriations between objects of expenditure or between departments must

be presented for approval to the Board of Commissioners in accordance with applicable statutes.

All expenditures against such appropriations shall be made in accordance with such supporting Line Item Schedules, and no voucher shall be approved by the Clerk for a sum exceeding the amount shown in said schedules; that the titles and the compensations appearing in the Personal Services supporting schedules shall be construed to be the official titles and maximum compensation for the same.

(a) Included in the appropriation for Total Personal Services is Account Number 601010 “Salaries of Regular Employees” that includes District pickup of employees’ contributions to the Pension Fund and in applicable departments, divisions or sections is Account Number 601060 “Compensation Plan Adjustments” provided for the purpose of implementing the Compensation Plan and associated salary and pay grade schedules for classified employees and exempt secretaries as adopted by the Board of Commissioners. The amount set up under Account Number 601060 “Compensation Plan Adjustments” includes (1) the adjustment of salaries for employees eligible to receive step increases based on the prescribed standards of service and performance, (2) changes in Labor and Trades Wage Schedule Classifications as authorized by the Board of Commissioners, and (3) payments to eligible employees for incentive pay for unused sick leave, retirements, severance, termination, and unused overtime and/or vacation pay as authorized by the Board of Commissioners.

(b) The symbol “#” followed by a number or “(AC)”, when used in the budget document, means the following:

#1. After a title, signifies that the incumbent will retain the title until he or she vacates the position and then the position will be dropped.

(AC). After a title, signifies that the position is subject to appropriation control. It may be dropped at the discretion of the Executive Director based on operational requirements.

#2. After a title, signifies that when the position is vacated, the person filling the vacancy will receive the title within the parentheses. It can also indicate that while a grade level for a class title has been lowered, the incumbent in the position will be retained at the current grade level. This is indicated by a notation of the new grade level in parentheses following the title.

**APPROPRIATION ORDINANCE NUMBER O24-008**

**ANNUAL APPROPRIATION ORDINANCE OF THE  
METROPOLITAN WATER RECLAMATION DISTRICT  
OF GREATER CHICAGO  
FOR THE FISCAL YEAR BEGINNING JANUARY 1, 2025  
AND ENDING DECEMBER 31, 2025  
(CONTINUED)**

#4. After a title, signifies that while a class title has been assigned to the Technical, Administrative and Managerial (TAM) salary schedule, the incumbent in the position will be compensated under the previously assigned Professional and Managerial (PM) or General Service (GS) salary schedule. When the position is vacated, the person filling the vacancy by promotion or new appointment will be compensated under the TAM salary schedule.

*Section 6.* That amounts appropriated under classifications other than “Personal Services” to any department or division of the Metropolitan Water Reclamation District of Greater Chicago shall be expended under the following conditions:

(a) Insofar as practicable, all contracts for purchases and open market orders for purchases to be charged against such appropriation shall be based upon specifications which are definite and certain as to character and quality, and which conform to standard specifications for the various classes of Materials and Supplies, Machinery and Equipment already prescribed or hereafter to be prescribed by the Board of Standardization of the Metropolitan Water Reclamation District of Greater Chicago.

(b) The Clerk of the Metropolitan Water Reclamation District of Greater Chicago shall certify to the sufficiency of appropriations out of which such amounts due under contracts are to be paid.

(c) The Director of Procurement and Materials Management shall certify that the specifications for purchases of such Materials and Supplies, and Machinery and Equipment, for which standard specifications have been prescribed by the Board of Standardization of the Metropolitan Water Reclamation District of Greater Chicago, are in conformity with such standard specifications.

(d) All open market orders issued by any department or division for Materials and Supplies, and Machinery and Equipment, for which specifications shall have been prescribed by the Board of Standardization of the Metropolitan Water Reclamation District of Greater Chicago, shall contain a description of the goods ordered and insofar as practicable and feasible conform with such standard specifications.

(e) The Director of Procurement and Materials Management shall, in auditing claims for goods delivered on open market order, determine through inspection or otherwise, whether the goods delivered conform to such standard specifications.

(f) Every contract or purchase order involving amounts in excess of \$10,000.00 shall be signed by the Chairman of the Committee on Finance or other duly authorized officer of the Board of Commissioners, by the Executive Director, by the Clerk, and by the Director of Procurement and Materials Management of the Metropolitan Water Reclamation District of Greater Chicago.

The only exception to the above is for contracts and purchase orders for materials, supplies, and equipment, for which the competitive bid threshold is \$25,000.00. Contracts and purchase orders for these items that do not involve amounts in excess of \$25,000.00 only require the signature of the Director of Procurement and Materials Management of the Metropolitan Water Reclamation District of Greater Chicago.

(g) The Comptroller of the Metropolitan Water Reclamation District of Greater Chicago shall conduct audits of all expenditures. The Comptroller shall report the results of such audits to the President and the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago.

*Section 7.* That no employee shall have the right to demand continuous employment and compensation by reason of the appropriation if it becomes necessary to lay an employee off due to lack of work or lack of funds.

*Section 8.* That the supporting schedules and statements including unpaid bills and the item objects and purposes are appropriated for as follows:

**NOTE PAGE**

# SECTION II

## BUDGET AND FINANCIAL SUMMARIES, SCHEDULES, AND EXHIBITS

This section includes a broad overview of the 2025 Budget with comparisons to past years and the projection of future District needs.

It begins by asking two basic questions: Where Does the Money Come From? and Where Does the Money Go? Answers are presented graphically using a dollar bill to illustrate.

The comparison of budget and current year appropriations, tax levies, and tax rates by fund is one of the most comprehensive and most useful comparisons in the budget.

Continuing to look at the overall picture, this section presents a detailed view of the entire budget, organizing information in different ways so that the user can compare budget and current year appropriations by department, fund, object, and program. Allocation of personnel is also compared by year, department, and fund.

Having looked at the budget plan for 2025 and comparing it to previous years, this section also provides a projection of the future: the comprehensive Five-Year Financial Forecast for 2025 - 2029.

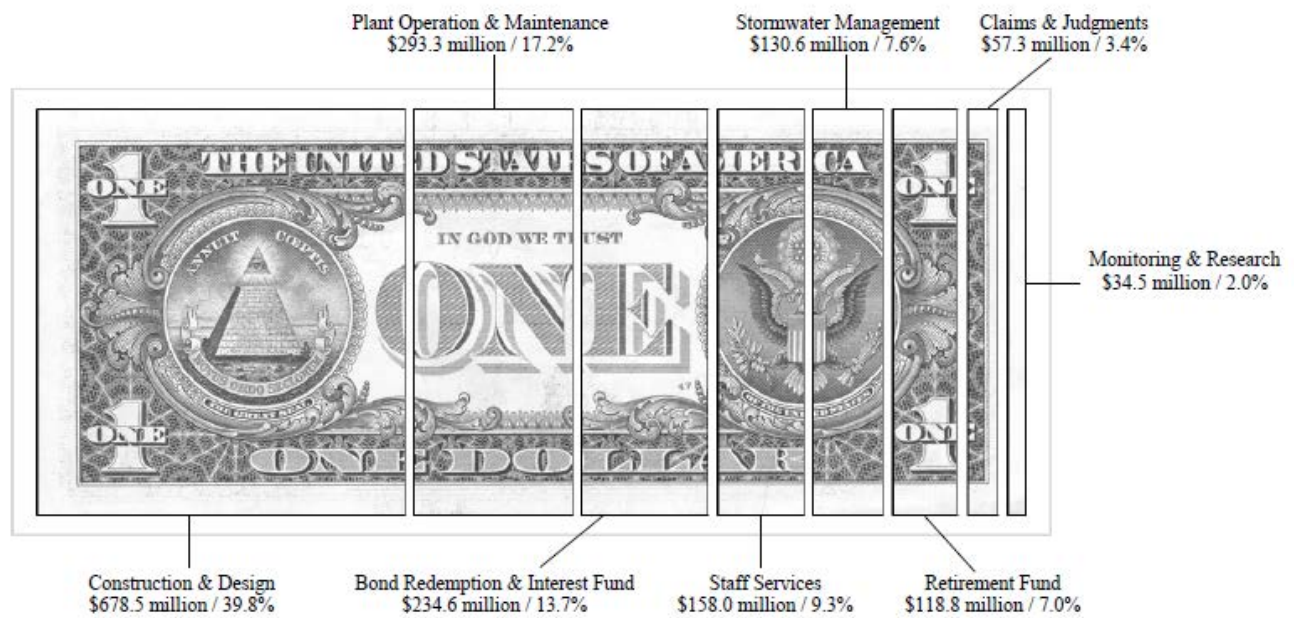
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WHERE THE MONEY COMES FROM: \$1,705.6 MILLION



\* \$774.5 of the \$907.5 Net Assets Appropriable detailed in the analysis on the following page will be appropriated as revenue for 2025.

WHERE THE MONEY GOES: \$1,705.6 MILLION





**SUMMARY OF NET ASSETS APPROPRIABLE  
at January 1, 2025  
(In Millions)**

**FUND**

<b>CURRENT ASSETS</b>	<b>CORPORATE</b>	<b>CAPITAL IMPROVEMENTS BOND</b>	<b>CONSTRUCTION</b>	<b>STORMWATER MANAGEMENT</b>	<b>RETIREMENT</b>	<b>BOND REDEMPTION &amp; INTEREST</b>	<b>RESERVE CLAIM</b>	<b>TOTAL</b>
Cash & Investments	\$ 285.7	\$ 530.8	\$ 38.3	\$ 68.8	\$ —	\$ 135.1	\$ 48.4	\$ 1,107.2
Restricted Cash	—	—	—	—	—	—	—	—
Deposit with Escrow Agent	—	—	—	—	—	—	—	—
Taxes Receivable	289.1	—	6.8	56.1	70.2	241.2	7.3	670.7
Prior Year Taxes Receivable	2.7	—	0.2	0.4	—	1.9	0.1	5.2
Replacement Tax	47.4	—	18.0	—	18.6	—	—	84.0
Grants	—	0.7	—	—	—	—	—	0.7
State Revolving Fund								
Loans Receivable	—	3.2	—	—	—	—	—	3.2
<b>Total</b>	<b>\$ 624.9</b>	<b>\$ 534.7</b>	<b>\$ 63.3</b>	<b>\$ 125.3</b>	<b>\$ 88.7</b>	<b>\$ 378.2</b>	<b>\$ 55.8</b>	<b>\$ 1,870.9</b>

**CURRENT LIABILITIES,  
DESIGNATIONS AND RESTRICTIONS**

Unpaid Bill and Contingent Liabilities	\$ 42.4	\$ 182.0	\$ 2.1	\$ 10.0	\$ —	\$ —	\$ 1.2	\$ 237.6
Due to Working Cash Funds	329.6	—	6.7	54.6	—	—	—	390.9
Liabilities for Restricted Assets	—	178.8	—	—	—	—	—	178.8
Principal and Interest	—	—	—	—	—	156.1	—	156.1
<b>Total</b>	<b>\$ 372.0</b>	<b>\$ 360.8</b>	<b>\$ 8.7</b>	<b>\$ 64.6</b>	<b>\$ —</b>	<b>\$ 156.1</b>	<b>\$ 1.2</b>	<b>\$ 963.5</b>
<b>*Net Assets Appropriable</b>	<b>\$ 252.9</b>	<b>\$ 173.9</b>	<b>\$ 54.6</b>	<b>\$ 60.6</b>	<b>\$ 88.7</b>	<b>\$ 222.1</b>	<b>\$ 54.6</b>	<b>\$ 907.5</b>
Budget Reserve	\$ (133.0)	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ (133.0)
Budget Reserve for Transfer to the Retirement Fund	(21.6)	—	—	—	21.6	—	—	—
Property Tax Levy Adjustment to Retirement Fund	(8.4)	—	—	—	8.4	—	—	—
<b>Net Assets Appropriated</b>	<b>\$ 89.9</b>	<b>\$ 173.9</b>	<b>\$ 54.6</b>	<b>\$ 60.6</b>	<b>\$ 118.7</b>	<b>\$ 222.1</b>	<b>\$ 54.6</b>	<b>\$ 774.5</b>
Equity Transfer for Stormwater Bond Payment	\$ —	\$ —	\$ —	\$ (9.5)	\$ —	\$ 9.5	\$ —	\$ —

\* Net Assets Appropriable = Current Assets - Current Liabilities

Note: Amounts are rounded.

**ESTIMATED TAX RATE**

Estimated tax rate to be levied for each \$100.00 of assessed valuation as equalized to finance the appropriations of the Metropolitan Water Reclamation District of Greater Chicago is as follows:

Upon all taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago as said territorial limits exist on January 1, 2025.

Gross Corporate Fund.....	14.81 ¢
Construction Fund.....	0.33
Stormwater Management Fund.....	2.98
Retirement Fund.....	3.55
Reserve Claim Fund.....	0.36
Subtotal.....	<u>22.03 ¢</u>

Bond Redemption & Interest Fund:

Capital Improvements Bonds - Series:

2016 Qualified Energy Conservation Limited Tax Series F.....	0.01 ¢
2009 Limited Tax Series.....	1.70
2014 Limited Tax Series C.....	0.64
2016 Alternate Revenue Unlimited Tax Series E.....	0.18
2016 Unlimited Tax Series C.....	0.07
2016 Limited Tax Series D.....	0.14
2021 Limited Tax Series A.....	0.26
2021 Unlimited Tax Series B.....	0.07

State Revolving Fund Bonds - Series:

Various.....	4.72 ¢
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Refunding Bonds - Series:

2007 Unlimited Tax Series B.....	0.24 ¢
2007 Limited Tax Series C.....	0.38
2016 Unlimited Tax Series A.....	1.94
2016 Limited Tax Series B.....	0.29
2021 Limited Tax Series C.....	0.60
2021 Unlimited Tax Series D.....	0.08
2021 Unlimited Taxable Series E.....	0.34
2021 Alternate Revenue Unlimited Taxable Series F.....	0.16
Subtotal Bond Redemption & Interest Fund.....	<u>11.82 ¢</u>

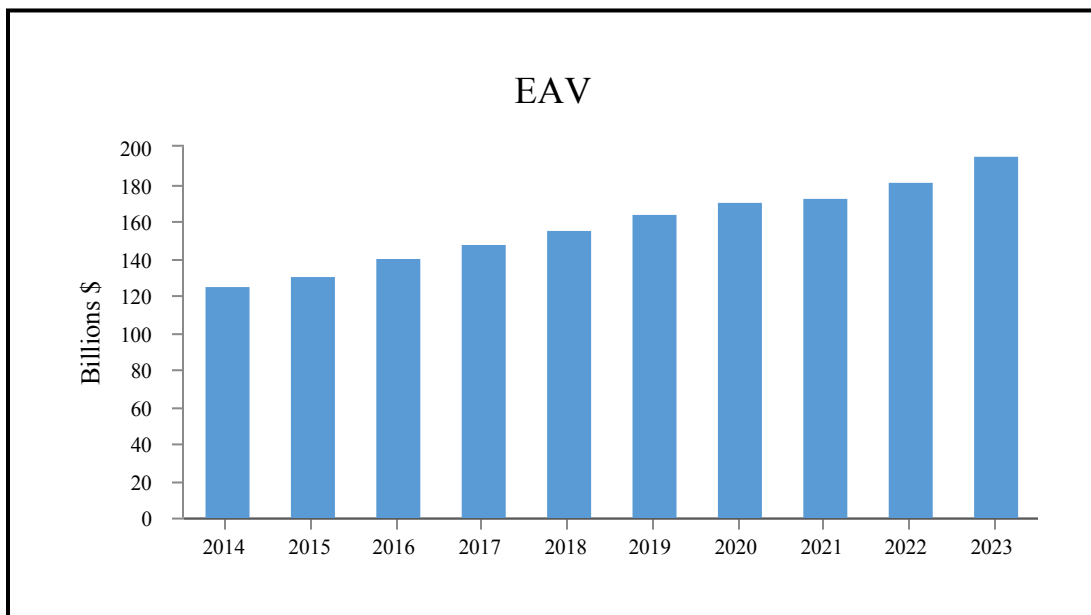
<b>TOTAL ESTIMATED TAX RATE - 2025.....</b>	<b><u>33.85 ¢</u></b>
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## TAXABLE PROPERTY WITHIN THE DISTRICT (Equalized Assessed Valuation)

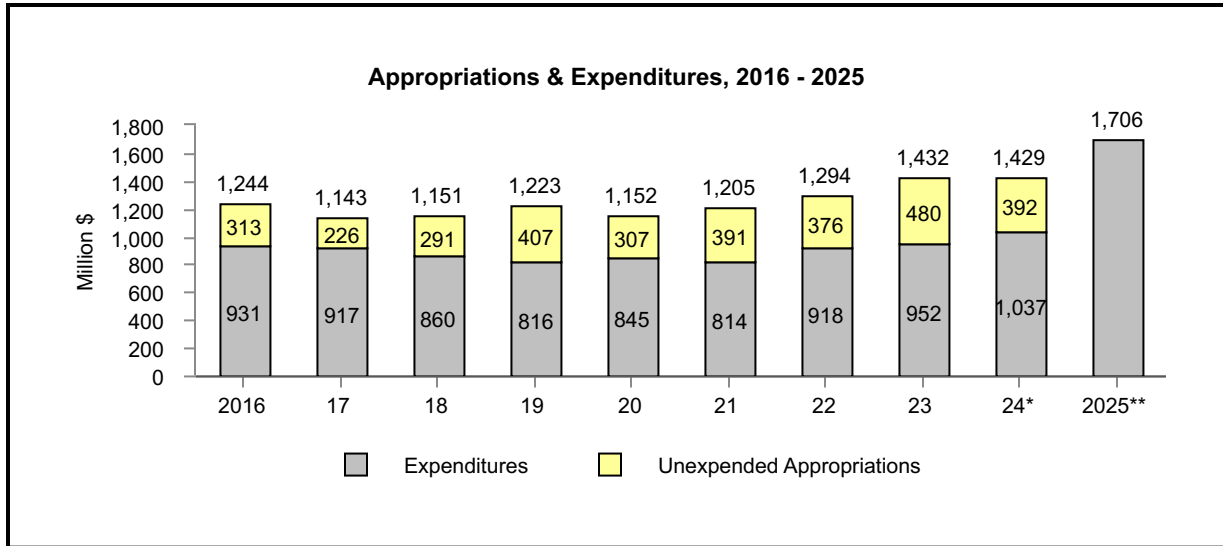
The equalized assessed valuation (EAV) of the Metropolitan Water Reclamation District increased 7.7 percent from 2022 to 2023, showing sustained growth for the tenth straight year. The boundaries of the District encompass 93.3 percent of the area of Cook County. The District is located in one of the strongest and most economically diverse geographical areas of the country. The growth in commercial, industrial, and residential sectors in both downtown Chicago and the suburbs contributes to the strong base and the growth in the value of properties located within the District. The Cook County Assessor is responsible for all taxable real property within Cook County except for railroad property and pollution control facilities, which are assessed directly by the State of Illinois.

The equalized assessed valuation of real estate property is determined in Cook County based on market values of real estate, reduced by a classification factor determined by property use, and then multiplied by the State of Illinois equalization factor. The statutory objective is to value property at 33 1/3 percent of estimated fair market value.

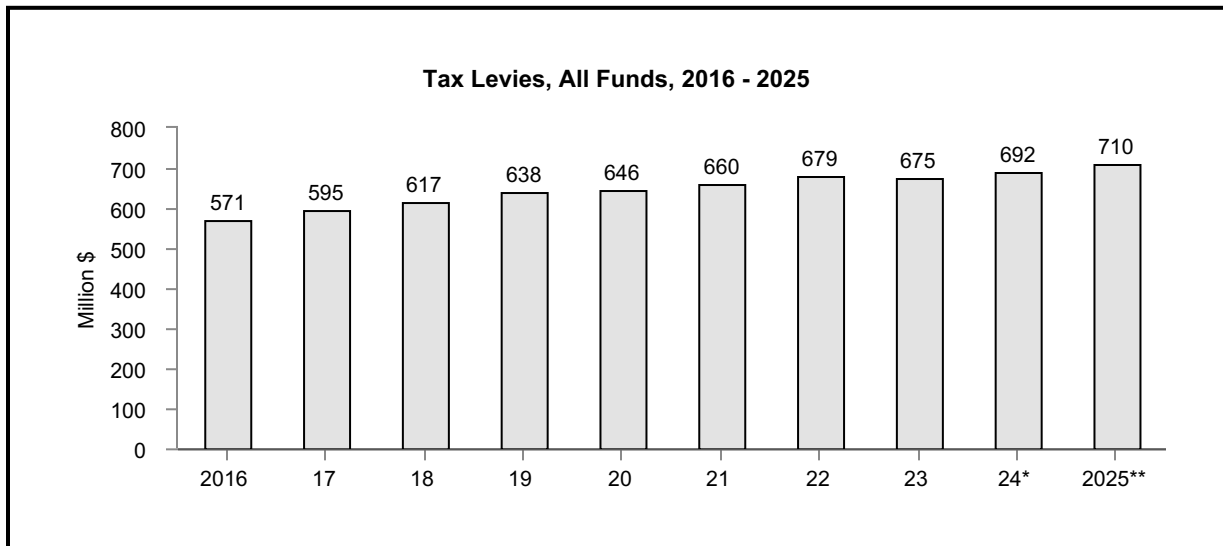
The equalized assessed valuation of the District is very important due to the primary reliance of the District on the property tax to fund current operations and future capital programs.



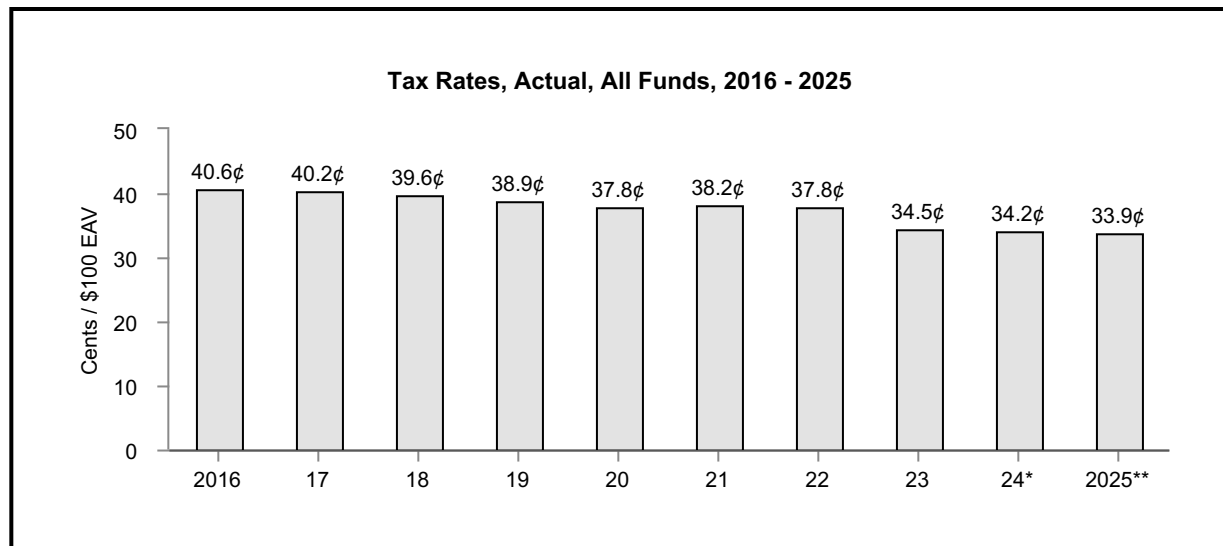
Year	Real Property	Railroad Property and Pollution Control Facilities	Total
2014	\$125.43 billion	\$308.36 million	\$125.74 billion
2015	129.96 billion	344.38 million	130.30 billion
2016	140.40 billion	350.47 million	140.75 billion
2017	147.58 billion	362.43 million	147.95 billion
2018	155.39 billion	397.83 million	155.79 billion
2019	163.65 billion	407.72 million	164.05 billion
2020	170.46 billion	431.03 million	170.89 billion
2021	172.31 billion	430.15 million	172.74 billion
2022	181.14 billion	500.29 million	181.64 billion
2023	195.15 billion	533.51 million	195.69 billion



\*Adjusted  
 \*\*Estimated  
 Note: Amounts are rounded.



\*Adjusted  
 \*\*Estimated



\*Adjusted  
 \*\*Estimated using 2023 EAV

# COMPARATIVE STATEMENT OF APPROPRIATIONS AND TAX LEVIES

## 2025-2023 ALL FUNDS

APPROPRIATIONS	2025 **	2024 AS PASSED	2024 AS ADJUSTED *	2023 ACTUAL
<b>FUND</b>				
Corporate Fund	\$ 522,294,700	\$ 497,258,600	\$ 497,258,600	\$ 475,066,000
Construction Fund	81,080,900	74,598,800	74,598,800	51,500,400
Capital Improvements Bond Fund ***	560,924,500	308,278,600	308,278,600	374,610,900
Stormwater Management Fund	130,614,100	131,517,700	131,517,700	128,982,400
Retirement Fund	118,736,000	129,207,295	129,207,295	117,915,000
Reserve Claim Fund	57,286,800	52,315,900	52,315,900	46,014,200
Bond Redemption & Interest Fund	234,620,974	235,755,740	235,755,740	238,064,783
<b>TOTAL</b>	<b>\$ 1,705,557,974</b>	<b>\$ 1,428,932,635</b>	<b>\$ 1,428,932,635</b>	<b>\$ 1,432,153,683</b>
<b>LEVIES</b>				
Corporate Fund	\$ 310,544,000	\$ 299,537,000	\$ 299,537,000	\$ 292,761,841
Construction Fund	7,000,000	7,000,000	7,000,000	7,000,000
Stormwater Management Fund	62,500,000	57,500,000	57,500,000	52,500,000
Retirement Fund	74,398,700	72,726,700	72,726,700	70,845,000
Reserve Claim Fund	7,500,000	7,500,000	7,500,000	7,500,000
Levy Adjustment PA 102-0519	—	—	—	8,356,975
Subtotal	\$ 461,942,700	\$ 444,263,700	\$ 444,263,700	\$ 438,963,816
Bond Redemption & Interest Fund:				
Capital Improvement Bonds - Series:				
2016 Qualified Energy Conservation Limited Tax Series F	\$ 165,804	\$ 165,803	\$ 165,804	\$ 165,803
2009 Limited Tax Series	35,564,767	35,564,767	35,564,767	35,564,767
2014 Limited Tax Series C	13,400,778	5,760,104	5,760,104	3,768,135
2014 Alternate Revenue Unlimited Tax Series B ****	—	—	—	1,278,497
2016 Alternate Revenue Unlimited Tax Series E ****	3,754,146	3,754,145	3,754,146	3,756,218
Alternate Revenue Abatement ****	—	—	—	(5,034,715)
2016 Unlimited Tax Series C	1,554,405	1,554,404	1,554,405	1,554,404
2016 Limited Tax Series D	2,916,062	2,916,062	2,916,062	2,916,062
2021 Limited Tax Series A	5,446,684	5,446,684	5,446,684	5,446,684
2021 Unlimited Tax Series B	1,554,404	1,554,404	1,554,404	1,554,404
State Revolving Fund Bonds - Series: Various	99,031,573	101,440,060	99,426,649	99,301,079
State Revolving Fund Stormwater Abatement ****	—	—	—	(4,076,325)
Refunding Bonds - Series:				
2007 Unlimited Tax Series B	4,996,749	4,996,749	4,996,749	4,996,749
2007 Limited Tax Series C	7,954,832	8,230,725	8,230,726	5,541,606
2016 Unlimited Tax Series A	40,632,384	40,739,896	40,739,897	40,856,736
2016 Limited Tax Series B	6,125,389	6,232,642	6,232,643	6,344,819
2021 Limited Tax Series C	12,492,747	23,321,503	23,321,503	27,880,570
2021 Unlimited Tax Series D	1,634,975	1,634,974	1,634,975	1,634,974
2021 Unlimited Taxable Series E	7,152,431	2,727,560	2,727,560	2,727,560
2021 Alternate Revenue Unlimited Taxable Series F ****	3,387,604	3,388,262	3,388,262	2,108,804
Alternate Revenue Abatement ****	—	—	—	(2,108,804)
Subtotal Bond Redemption & Interest Fund	\$ 247,765,734	\$ 249,428,744	\$ 247,415,340	\$ 236,178,027
<b>TOTAL</b>	<b>\$ 709,708,434</b>	<b>\$ 693,692,444</b>	<b>\$ 691,679,040</b>	<b>\$ 675,141,843</b>
Abatement after the budget year ****	(9,873,875)	(11,218,732)	(9,874,532)	
<b>Total (after planned abatement)</b>	<b>\$ 699,834,559</b>	<b>\$ 682,473,712</b>	<b>\$ 681,804,508</b>	

NOTES: \* As Adjusted reflects the 2023 EAV (\$195,688,303,770) estimated to increase 3.5 percent, plus any subsequent supplemental levies.  
 \*\* 2025 reflects an estimated 3.5 percent increase in EAV from the 2024 estimate.  
 \*\*\* Prior year obligations for the Capital Improvements Bond Fund are included in the Appropriation for Liabilities.  
 \*\*\*\* As part of the plan of financing, it is intended and anticipated that tax revenues deposited in the Stormwater Management Fund be transferred to the Bond Redemption & Interest Fund and used to abate taxes levied for this issue.



# COMPARATIVE STATEMENT OF TAX RATES

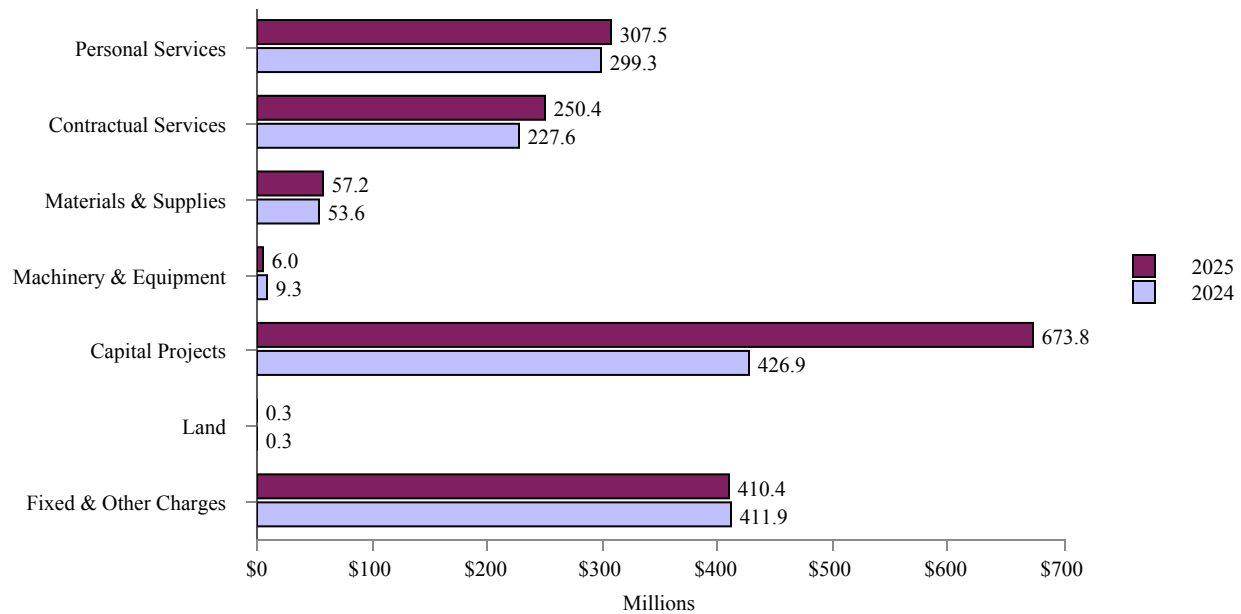
## 2025-2023 ALL FUNDS

Per \$100 in Equalized Assessed Valuation (EAV)

FUND		2025 **	2024 AS PASSED	2024 AS ADJUSTED *	2023 ACTUAL
	tax rate limit				
Corporate Fund	41¢	14.81 ¢	15.25 ¢	14.79 ¢	14.96 ¢
Construction Fund	10¢	0.33	0.36	0.35	0.35
Stormwater Management Fund	5¢	2.98	2.93	2.84	2.68
Retirement Fund		3.55	3.70	3.59	3.60
Reserve Claim Fund	½ ¢	0.36	0.38	0.37	0.38
Levy Adjustment PA 102-0519		—	—	—	0.42
Subtotal		<u>22.03 ¢</u>	<u>22.62 ¢</u>	<u>21.94 ¢</u>	<u>22.39 ¢</u>
Bond Redemption & Interest Fund:					
Capital Improvement Bonds - Series:					
2016 Qualified Energy Conservation Limited Tax Series F		0.01 ¢	0.01 ¢	0.01 ¢	0.01 ¢
2009 Limited Tax Series		1.70	1.81	1.76	1.80
2014 Limited Tax Series C		0.64	0.29	0.28	0.20
2014 Alternate Revenue Unlimited Tax Series B ***		—	—	—	0.10
2016 Alternate Revenue Unlimited Tax Series E ***		0.18	0.19	0.19	0.20
Alternate Revenue Abatement ***		—	—	—	(0.30)
2016 Unlimited Tax Series C		0.07	0.08	0.08	0.10
2016 Limited Tax Series D		0.14	0.15	0.14	0.10
2021 Limited Tax Series A		0.26	0.28	0.27	0.30
2021 Unlimited Tax Series B		0.07	0.08	0.08	0.10
State Revolving Fund Bonds - Series:					
Various		4.72	5.16	4.91	4.90
Refunding Bonds - Series:					
2007 Unlimited Tax Series B		0.24	0.25	0.25	0.30
2007 Limited Tax Series C		0.38	0.42	0.41	0.30
2016 Unlimited Tax Series A		1.94	2.07	2.01	2.10
2016 Limited Tax Series B		0.29	0.32	0.31	0.30
2021 Limited Tax Series C		0.60	1.19	1.15	1.40
2021 Unlimited Tax Series D		0.08	0.08	0.08	0.10
2021 Unlimited Taxable Series E		0.34	0.14	0.13	0.10
2021 Alternate Revenue Unlimited Taxable Series F ***		0.16	0.17	0.17	0.10
Alternate Revenue Abatement ***		—	—	—	(0.10)
Subtotal Bond Redemption & Interest Fund		<u>11.82 ¢</u>	<u>12.69 ¢</u>	<u>12.23 ¢</u>	<u>12.11 ¢</u>
<b>TOTAL</b>		<u><u>33.85 ¢</u></u>	<u><u>35.31 ¢</u></u>	<u><u>34.17 ¢</u></u>	<u><u>34.50 ¢</u></u>

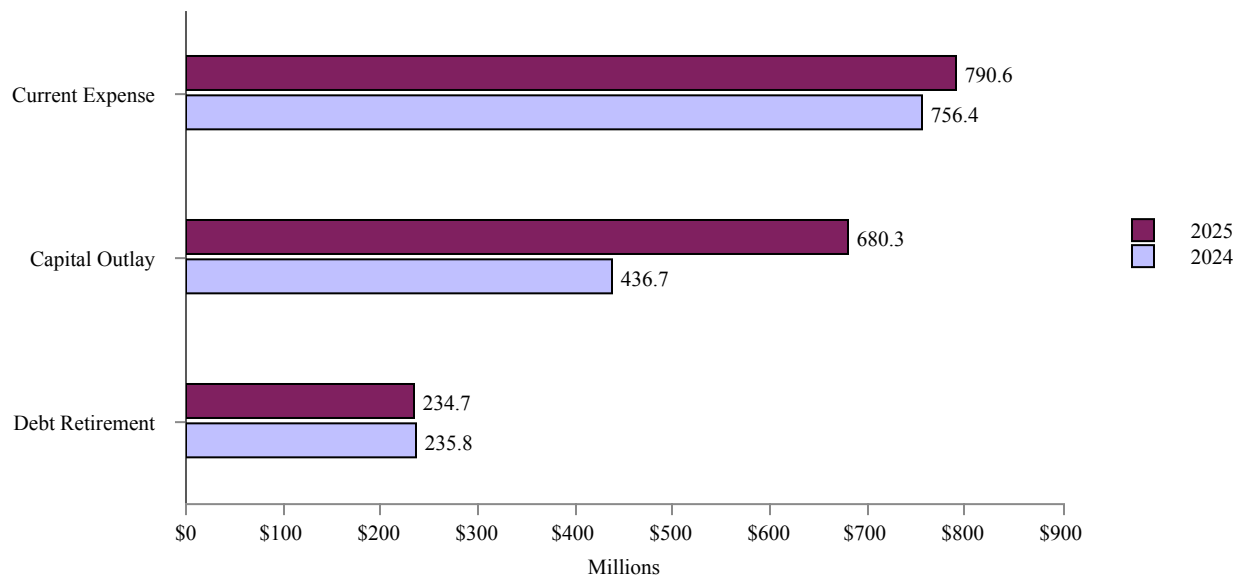
NOTES: \* As Adjusted reflects the 2023 EAV (\$195,688,303,770) estimated to increase 3.5 percent, plus any subsequent supplemental levies.  
 \*\* 2025 reflects an estimated 3.5 percent increase in EAV from the 2024 estimate.  
 \*\*\* As part of the plan of financing, it is intended and anticipated that tax revenues deposited in the Stormwater Management Fund be transferred to the Bond Redemption & Interest Fund and used to abate taxes levied for this issue.

**COMPARATIVE APPROPRIATIONS BY MAJOR OBJECT OF EXPENDITURE**



Note: Amounts are rounded.

**COMPARATIVE APPROPRIATIONS BY MAJOR CHARACTER OF EXPENDITURE**



Note: Amounts are rounded.

## COMPARATIVE APPROPRIATIONS BY MAJOR OBJECT OF EXPENDITURE 2025-2024 ALL FUNDS

ORGANIZATION or FUND	YEAR	TOTAL	PERSONAL SERVICES	CONTRACTUAL SERVICES	MATERIALS & SUPPLIES	MACHINERY & EQUIPMENT	CAPITAL PROJECTS	LAND	FIXED & OTHER CHARGES
Board of Commissioners	2025	\$ 5,756,900	\$ 4,817,100	\$ 925,300	\$ 14,500	\$ —	\$ —	\$ —	\$ —
	2024	\$ 5,780,600	\$ 4,735,300	\$ 1,018,300	\$ 27,000	\$ —	\$ —	\$ —	\$ —
General Administration	2025	26,931,500	18,193,200	8,118,400	394,900	225,000	—	—	—
	2024	24,144,700	15,585,800	7,873,000	322,900	363,000	—	—	—
Monitoring & Research	2025	34,505,400	32,192,500	1,361,900	599,000	352,000	—	—	—
	2024	35,257,500	31,567,500	2,106,300	676,300	907,400	—	—	—
Procurement & Materls. Management	2025	11,530,100	6,340,600	497,700	4,691,800	—	—	—	—
	2024	11,381,400	6,401,800	308,800	4,571,800	99,000	—	—	—
Human Resources	2025	70,503,800	61,426,000	8,721,800	356,000	—	—	—	—
	2024	69,471,200	61,894,200	7,273,500	303,500	—	—	—	—
Information Technology	2025	27,491,600	10,056,100	16,083,000	1,107,500	245,000	—	—	—
	2024	23,114,100	9,512,200	11,979,500	1,187,400	435,000	—	—	—
Law	2025	8,712,600	6,519,600	1,391,200	19,800	—	—	—	782,000
	2024	8,777,900	6,496,900	1,401,300	19,700	—	—	—	860,000
Finance	2025	4,400,100	3,743,900	643,200	13,000	—	—	—	—
	2024	4,329,900	3,733,600	583,300	13,000	—	—	—	—
Maint. & Operations:									
General Division	2025	16,507,100	13,250,400	2,662,700	594,000	—	—	—	—
	2024	16,733,600	12,883,100	3,140,500	710,000	—	—	—	—
North Service Area	2025	60,279,000	29,349,100	25,000,600	5,095,900	833,400	—	—	—
	2024	59,987,000	28,529,300	24,784,700	5,348,900	1,324,100	—	—	—
Calumet Service Area	2025	73,214,700	23,726,200	27,804,800	19,483,800	2,199,900	—	—	—
	2024	72,800,000	23,191,600	25,915,400	19,839,700	3,853,300	—	—	—
Stickney Service Area	2025	143,291,100	47,285,600	69,761,500	24,412,500	1,831,500	—	—	—
	2024	132,660,100	45,368,800	65,524,000	20,197,300	1,570,000	—	—	—
TOTAL Maintenance & Operations	2025	\$ 293,291,900	\$ 113,611,300	\$ 125,229,600	\$ 49,586,200	\$ 4,864,800	\$ —	\$ —	\$ —
	2024	\$ 282,180,700	\$ 109,972,800	\$ 119,364,600	\$ 46,095,900	\$ 6,747,400	\$ —	\$ —	\$ —
Engineering	2025	39,170,800	26,556,900	12,387,200	226,700	—	—	—	—
	2024	32,820,600	26,250,000	6,341,300	167,700	61,600	—	—	—
TOTAL Corporate Fund	2025	\$ 522,294,700	\$ 283,457,200	\$ 175,359,300	\$ 57,009,400	\$ 5,686,800	\$ —	\$ —	\$ 782,000
	2024	\$ 497,258,600	\$ 276,150,100	\$ 158,249,900	\$ 53,385,200	\$ 8,613,400	\$ —	\$ —	\$ 860,000
Construction Fund	2025	81,080,900	—	5,210,800	—	—	75,870,100	—	—
	2024	74,598,800	—	15,212,000	—	—	59,386,800	—	—
Capital Improvements Bond Fund	2025	560,924,500	—	9,965,000	—	—	549,045,900	300,000	1,613,600
	2024	308,278,600	—	8,318,600	—	—	298,194,900	300,000	1,465,100
Stormwater Management Fund	2025	130,614,100	14,019,100	59,905,000	224,900	340,800	48,824,300	—	7,300,000
	2024	131,517,700	13,156,600	45,856,000	217,800	650,000	69,337,300	—	2,300,000
Bond Redemption & Interest Fund	2025	234,620,974	—	—	—	—	—	—	234,620,974
	2024	235,755,740	—	—	—	—	—	—	235,755,740
Retirement Fund	2025	118,736,000	—	—	—	—	—	—	118,736,000
	2024	129,207,295	—	—	—	—	—	—	129,207,295
Reserve Claim Fund	2025	57,286,800	10,000,000	—	—	—	—	—	47,286,800
	2024	52,315,900	10,000,000	—	—	—	—	—	42,315,900
<b>GRAND TOTAL</b>	2025	\$ 1,705,557,974	\$ 307,476,300	\$ 250,440,100	\$ 57,234,300	\$ 6,027,600	\$ 673,740,300	\$ 300,000	\$ 410,339,374
	2024	\$ 1,428,932,635	\$ 299,306,700	\$ 227,636,500	\$ 53,603,000	\$ 9,263,400	\$ 426,919,000	\$ 300,000	\$ 411,904,035
PERCENTAGES	2025	100.0%	18.0%	14.7%	3.4%	0.4%	39.5%	—%	24.1%
	2024	100.0%	20.9%	15.9%	3.8%	0.6%	29.9%	—%	28.8%

Note: Percentages are rounded.

## COMPARATIVE APPROPRIATIONS BY CHARACTER OF EXPENDITURE 2025-2024 ALL FUNDS

ORGANIZATION OR FUND	YEAR	TOTAL	CURRENT EXPENSE	CAPITAL OUTLAY	DEBT RETIREMENT
Board of Commissioners	2025	\$ 5,756,900	\$ 5,756,900	\$ —	\$ —
	2024	\$ 5,780,600	\$ 5,780,600	\$ —	\$ —
General Administration	2025	26,931,500	26,706,500	225,000	—
	2024	24,144,700	23,781,700	363,000	—
Monitoring & Research	2025	34,505,400	34,153,400	352,000	—
	2024	35,257,500	34,350,100	907,400	—
Procurement & Materials Management	2025	11,530,100	11,530,100	—	—
	2024	11,381,400	11,282,400	99,000	—
Human Resources	2025	70,503,800	70,503,800	—	—
	2024	69,471,200	69,471,200	—	—
Information Technology	2025	27,491,600	27,246,600	245,000	—
	2024	23,114,100	22,679,100	435,000	—
Law	2025	8,712,600	8,712,600	—	—
	2024	8,777,900	8,777,900	—	—
Finance	2025	4,400,100	4,400,100	—	—
	2024	4,329,900	4,329,900	—	—
Maintenance & Operations:					
General Division	2025	16,507,100	16,507,100	—	—
	2024	16,733,600	16,733,600	—	—
North Service Area	2025	60,279,000	59,445,600	833,400	—
	2024	59,987,000	58,662,900	1,324,100	—
Calumet Service Area	2025	73,214,700	71,014,800	2,199,900	—
	2024	72,800,000	68,946,700	3,853,300	—
Stickney Service Area	2025	143,291,100	141,459,600	1,831,500	—
	2024	132,660,100	131,090,100	1,570,000	—
TOTAL Maintenance & Operations	2025	\$ 293,291,900	\$ 288,427,100	\$ 4,864,800	\$ —
	2024	\$ 282,180,700	\$ 275,433,300	\$ 6,747,400	\$ —
Engineering	2025	39,170,800	39,170,800	—	—
	2024	32,820,600	32,759,000	61,600	—
TOTAL Corporate Fund	2025	\$ 522,294,700	\$ 516,607,900	\$ 5,686,800	\$ —
	2024	\$ 497,258,600	\$ 488,645,200	\$ 8,613,400	\$ —
Construction Fund	2025	81,080,900	5,210,800	75,870,100	—
	2024	74,598,800	15,212,000	59,386,800	—
Capital Improvements Bond Fund	2025	560,924,500	11,328,600	549,595,900	—
	2024	308,278,600	9,533,700	298,744,900	—
Stormwater Management Fund	2025	130,614,100	81,449,000	49,165,100	—
	2024	131,517,700	61,530,400	69,987,300	—
Bond Redemption & Interest Fund	2025	234,620,974	—	—	234,620,974
	2024	235,755,740	—	—	235,755,740
Retirement Fund	2025	118,736,000	118,736,000	—	—
	2024	129,207,295	129,207,295	—	—
Reserve Claim Fund	2025	57,286,800	57,286,800	—	—
	2024	52,315,900	52,315,900	—	—
<b>GRAND TOTAL</b>	2025	\$ 1,705,557,974	\$ 790,619,100	\$ 680,317,900	\$ 234,620,974
	2024	\$ 1,428,932,635	\$ 756,444,495	\$ 436,732,400	\$ 235,755,740
PERCENTAGES	2025	100%	46%	40%	14%
	2024	100%	53%	31%	16%

Note: Percentages are rounded.

## 2025 - 2024 PROGRAM APPROPRIATION - ALL FUNDS BY DEPARTMENT AND MAJOR PROGRAM

(In Millions)

DEPARTMENT	MAJOR PROGRAM															
	COLLECTION		TREATMENT		SOLIDS PROCESSING		SOLIDS UTILIZATION		FLOOD & POLLUTION CONTROL		GENERAL SUPPORT		TOTAL			
	2025	2024	2025	2024	2025	2024	2025	2024	2025	2024	2025	2024	2025	2024		
Board of Commissioners	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 5.8	\$ 5.8	\$ 5.8	\$ 5.8
General Administration	—	—	—	—	—	—	—	—	—	—	—	—	26.9	24.1	26.9	24.1
Monitoring & Research	—	—	—	—	—	—	—	—	34.0	34.5	0.5	0.8	34.5	35.3		
Procurement & Materials Management	—	—	—	—	—	—	—	—	—	—	11.5	11.4	11.5	11.4		
Human Resources	—	—	—	—	—	—	—	—	—	—	70.5	69.5	70.5	69.5		
Information Technology	—	—	—	—	—	—	—	—	—	—	27.5	23.1	27.5	23.1		
Law	—	—	—	—	—	—	—	—	0.6	0.6	8.1	8.2	8.7	8.8		
Finance	—	—	—	—	—	—	—	—	0.4	0.3	4.0	4.0	4.4	4.3		
Maintenance & Operations	70.2	70.8	102.3	104.3	68.0	63.9	41.7	32.6	6.0	5.7	5.1	4.8	293.3	282.2		
Engineering	16.1	9.6	8.7	9.2	7.1	7.0	0.3	0.3	4.5	4.4	2.4	2.4	39.2	32.8		
<b>Total Corporate Fund</b>	<b>\$ 86.3</b>	<b>\$ 80.4</b>	<b>\$111.0</b>	<b>\$113.5</b>	<b>\$ 75.2</b>	<b>\$ 71.0</b>	<b>\$ 42.0</b>	<b>\$ 32.9</b>	<b>\$ 45.5</b>	<b>\$ 45.5</b>	<b>\$162.3</b>	<b>\$154.0</b>	<b>\$ 522.3</b>	<b>\$ 497.3</b>		
Construction and Capital Improvements Bond Funds	\$ 48.9	\$ 120.2	\$ 510.9	\$ 164.4	\$ 26.2	\$ 10.8	\$ 3.3	\$ 3.2	\$ 50.7	\$ 81.6	\$ 2.0	\$ 2.6	\$ 642.0	\$ 382.9		
Stormwater Management Fund	—	—	—	—	—	—	—	—	130.3	131.3	0.3	0.2	130.6	131.5		
Miscellaneous (Debt Service, Retirement, and Reserve Funds)	—	—	—	—	—	—	—	—	—	—	410.6	417.3	410.6	417.3		
<b>GRAND TOTAL</b>	<b>\$135.2</b>	<b>\$200.6</b>	<b>\$621.9</b>	<b>\$277.9</b>	<b>\$101.4</b>	<b>\$ 81.8</b>	<b>\$ 45.4</b>	<b>\$ 36.1</b>	<b>\$226.6</b>	<b>\$258.5</b>	<b>\$575.2</b>	<b>\$574.0</b>	<b>\$1,705.6</b>	<b>\$1,428.9</b>		

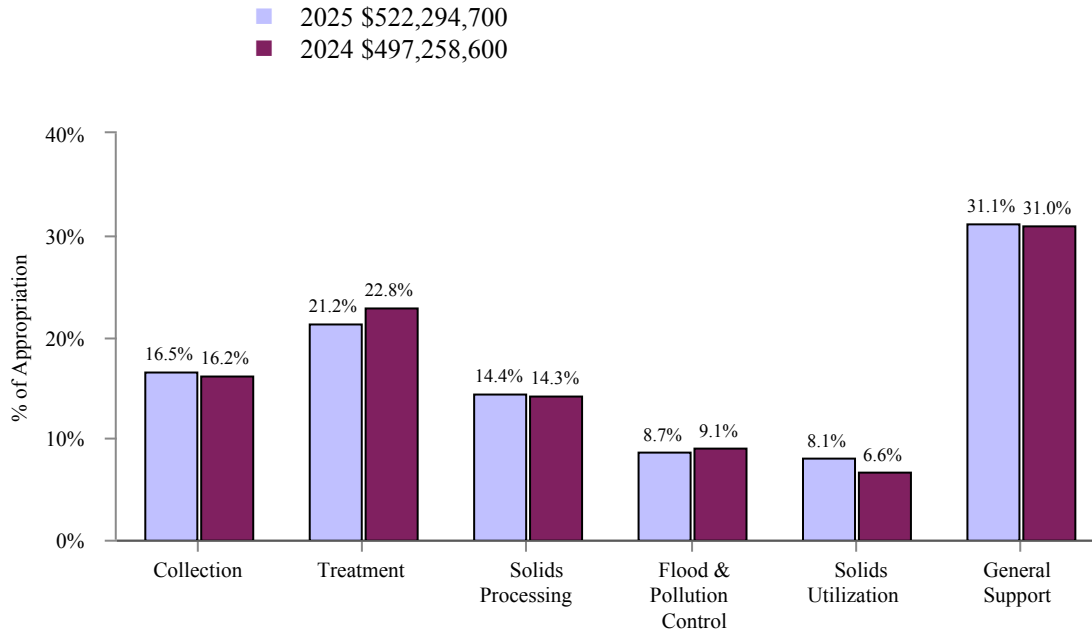
Notes: Totals are rounded.



### APPROPRIATION DISTRIBUTION BY MAJOR PROGRAM

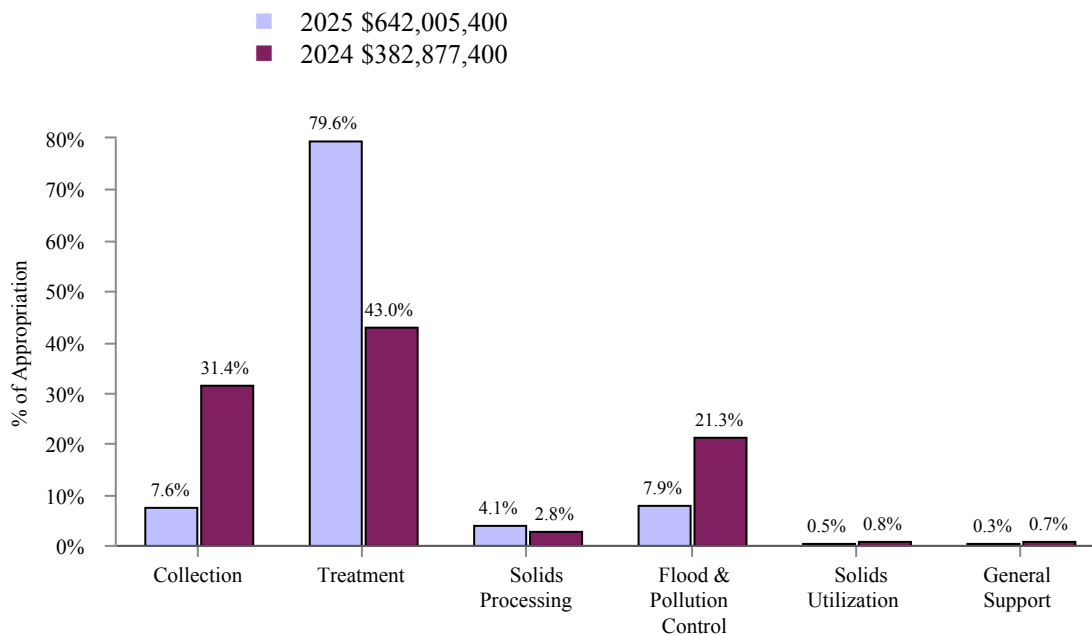
To comply with Illinois State Statute, it is necessary to prepare budget estimates and appropriate funds according to programs, as well as organizational units, performance principles, and unit cost data. The two charts on this page show the relationship of major objectives or functions within the Corporate, Construction, and Capital Improvements Bond Funds. The charts compare major program appropriations to the total fund appropriations for 2025 and 2024, as shown on the following page.

#### Corporate Fund



Note: Percentages are rounded.

#### Capital Improvements Bond & Construction Funds



Note: Percentages are rounded.

## 2025 - 2024 PROGRAM APPROPRIATION COMPARISON ALL FUNDS

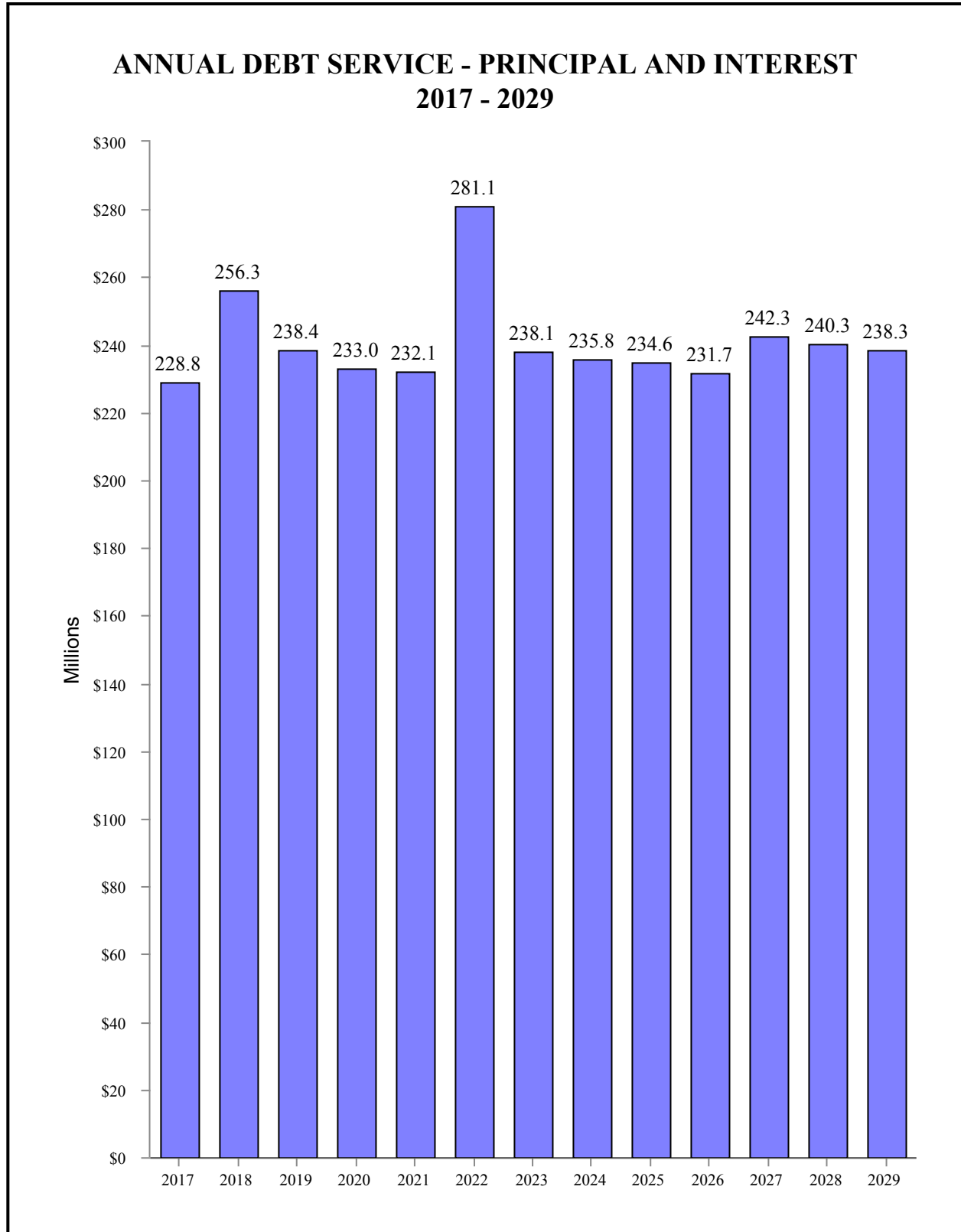
### PROGRAM OBJECTIVE

NUMBER	NAME	2025 BUDGET	2024 ADJUSTED	DOLLAR INCREASE (DECREASE)	PERCENT INCREASE (DECREASE)	FTE POSITIONS	
						2025	2024
1000	Collection	\$ 135,193,306	\$ 200,598,022	\$ (65,404,716)	(32.6)	300	299
2000	Treatment	621,867,363	277,913,715	343,953,648	123.8	438	436
3000	Solids Processing	101,367,560	81,793,651	19,573,909	23.9	253	252
4000	Flood & Pollution Control	226,568,939	258,514,109	(31,945,170)	(12.4)	452	451
5000	Solids Utilization	45,350,313	36,064,450	9,285,863	25.7	42	42
7000	General Support (Debt, Retirement, Law, etc.)	575,210,493	574,048,688	1,161,805	0.2	469	486
<b>TOTAL</b>		<b>\$ 1,705,557,974</b>	<b>\$ 1,428,932,635</b>	<b>\$ 276,625,339</b>	<b>19.4</b>	<b>1,954</b>	<b>1,966</b>

### SUMMARY BY FUND

FUND	2025 BUDGET	2024 ADJUSTED	DOLLAR INCREASE (DECREASE)	PERCENT INCREASE (DECREASE)	FTE POSITIONS	
					2025	2024
Corporate Fund	\$ 522,294,700	\$ 497,258,600	\$ 25,036,100	5.0	1,852	1,867
Construction & Capital Improvements Bond Funds	642,005,400	382,877,400	259,128,000	67.7	—	—
Stormwater Management Fund	130,614,100	131,517,700	(903,600)	(0.7)	102	99
Retirement Fund	118,736,000	129,207,295	(10,471,295)	(8.1)	—	—
Bond Redemption & Interest Fund	234,620,974	235,755,740	(1,134,766)	(0.5)	—	—
Reserve Claim Fund	57,286,800	52,315,900	4,970,900	9.5	—	—
<b>TOTAL</b>	<b>\$ 1,705,557,974</b>	<b>\$ 1,428,932,635</b>	<b>\$ 276,625,339</b>	<b>19.4</b>	<b>1,954</b>	<b>1,966</b>

The 2025 appropriation for the Construction and Capital Improvements Bond Funds is \$642,005,400, an increase of \$259,128,000, or 67.7 percent, from 2024 due to project schedules. Since the Capital Improvements Bond Fund is appropriated on an obligation basis, the majority of the increase in appropriation is due to the expected award of a project to build a new activated sludge facility at the O'Brien Water Reclamation Plant in 2025.



This chart shows debt service for current bonds outstanding. The increase in 2022 is due to the issuance of 2021 Limited and Unlimited Tax Series Bonds in December 2021 and a \$43.0 million prepayment on five State Revolving Fund loans, resulting in a savings of \$12.7 million over 15 years. Similarly, in 2018 the District made advance payments totaling \$28.4 million, resulting in a savings of \$9.6 million over the life of the loans.

Bonds to be sold in the future are not included in this chart, but are included on pages [58](#) and [64](#).

**OUTSTANDING BONDS AND ESTIMATED STATUTORY DEBT MARGIN**

December 31, 2024

<b>BOND SERIES</b>	<b>DATE OF MATURITY</b>	<b>INTEREST RATES</b>	<b>AMOUNT PAYABLE</b>
Capital Improvements Bonds - Series:			
2009 Limited Tax Series	2038	5.7%	\$ 600,000,000
2014 Limited Tax Series C	2028	2.0% to 5.0%	48,470,000
2016 Unlimited Tax Series C	2045	5.0%	30,000,000
2016 Limited Tax Series D	2030	5.0%	14,280,000
2016 Alternate Revenue Unlimited Tax Series E	2045	5.0%	46,455,000
2016 Qualified Energy Conservation Limited Tax Series F	2036	4.0%	4,000,000
2021 Limited Tax Series A	2051	4.0% to 5.0%	113,935,000
2021 Unlimited Tax Series B	2036	5.0%	30,000,000
SUBTOTAL - Capital Improvements Bonds:			<u>\$ 887,140,000</u>
Refunding Bonds - Series:			
2007 Unlimited Tax Series B	2035	5.3%	\$ 91,845,000
2007 Limited Tax Series C	2033	5.3%	101,860,000
2016 Unlimited Tax Series A	2031	5.0%	228,780,000
2016 Limited Tax Series B	2031	5.0%	32,890,000
2021 Limited Tax Series C	2032	5.0%	116,205,000
2021 Unlimited Tax Series D	2031	5.0%	31,555,000
2021 Unlimited Taxable Series E	2033	1.6% to 2.7%	112,485,000
2021 Alternate Revenue Unlimited Taxable Series F	2041	0.6% to 3.1%	43,085,000
SUBTOTAL - Refunding Bonds:			<u>\$ 758,705,000</u>
State Revolving Fund Bonds - Series:			
01B SRF L172127	2025	2.50%	\$ 1,903,777
01C SRF L172128	2026	2.50%	4,966,749
14F SRF L175342	2039	1.75%	62,328,311
16C SRF L175367	2039	1.76%	26,371,889
16D SRF L175460	2038	1.75%	5,632,693
14O SRF L175305	2038	1.75%	2,396,435
14R SRF L175517	2041	1.84%	35,520,492
04A SRF L172485	2027	2.50%	4,536,209
04B SRF L172488	2027	2.50%	5,299,176
04C SRF L172493	2027	2.50%	415,898
04D SRF L172494	2027	2.50%	398,836
04E SRF L172495	2028	2.50%	1,723,250
04F SRF L172496	2031	—%	1,291,774
04G SRF L172611	2027	2.50%	647,924
04H SRF L172849	2029	2.50%	14,967,529
07A SRF L172625	2030	2.50%	14,153,990
07B SRF L172850	2030	2.50%	10,249,874
07C SRF L172770	2031	—%	21,666,667
07D SRF L172763	2030	2.50%	3,228,369
09A SRF L173074	2032	1.25%	18,890,738
09B SRF L173064	2031	—%	2,488,784
09C SRF L173063	2031	—%	727,721
09D SRF L174558	2031	2.30%	16,784,268
09E SRF L173005	2031	1.25%	15,141,733
09F SRF L174557	2032	1.25%	25,709,190
09G SRF L173075	2032	1.25%	11,988,826
09H SRF L173800	2031	—%	239,150
09I SRF L174675	2031	1.25%	3,928,533
12A SRF L174710	2034	2.30%	4,061,774
12B SRF L174712	2034	2.30%	3,478,595
12C SRF L174621	2031	2.00%	5,414,538
12D SRF L174988	2032	1.93%	13,739,506
12E SRF L174709	2035	1.93%	3,331,984
12F SRF L174989	2032	1.93%	29,488,782
12G SRF L174923	2038	1.93%	25,039,408

**OUTSTANDING BONDS AND ESTIMATED STATUTORY DEBT MARGIN**

December 31, 2024

BOND SERIES	DATE OF MATURITY	INTEREST RATES	AMOUNT PAYABLE
State Revolving Fund Bonds - Series (continued):			
12H SRF L174924	2032	1.93%	\$ 12,587,112
12I SRF L175222	2036	2.21%	3,295,156
12J SRF L175172	2035	2.00%	1,583,517
12K SRF L174925	2031	2.00%	5,326,859
12L SRF L175161	2031	2.21%	14,423,567
12M SRF L175168	2037	2.21%	8,741,780
12N SRF L175164	2036	2.00%	1,813,939
12O SRF L175166	2035	2.00%	2,876,160
14A SRF L173076	2031	2.21%	30,266,680
14B SRF L175171	2036	2.21%	1,790,187
14C SRF L174559	2031	2.30%	7,908,317
14D SRF L175263	2038	1.86%	9,484,381
14E SRF L173062	2038	1.86%	33,753,488
14G SRF L175152	2038	1.86%	15,143,772
14H SRF L175355	2036	1.86%	817,623
14I SRF L175223	2038	1.86%	7,164,804
14J SRF L175219	2036	2.21%	2,876,153
14K SRF L175366	2038	1.86%	3,811,387
14L SRF L175368	2038	1.75%	3,979,141
14M SRF L175372	2038	1.75%	1,063,870
14N SRF L175371	2038	1.75%	1,013,278
14P SRF L175369	2038	1.56%	2,990,483
14Q SRF L175539	2040	1.76%	2,582,485
16A SRF L174555	2038	1.75%	95,389,279
16B SRF L172129	2040	1.84%	3,606,103
16G SRF L174708	2041	2.00%	14,498,992
16H SRF L172130	2041	2.00%	12,355,153
16I SRF L173798	2042	2.00%	24,223,593
16K SRF L172741	2040	2.00%	2,694,581
16N SRF L175578	2044	1.35%	7,576,785
16O SRF L173801	2044	1.35%	2,699,838
16P SRF L172744	2042	1.35%	8,126,078
21C SRF L172742	2044	1.11%	6,727,242
21D SRF L175523	2044	1.11%	4,218,354
21E SRF L175569	2043	1.11%	6,568,623
21G SRF L174620	2044	1.11%	18,812,873
21N SRF L175165	2044	1.61%	3,471,769
SUBTOTAL - State Revolving Fund Bonds:			\$ 784,416,774
<b>TOTAL OUTSTANDING BONDS:</b>			<b>\$ 2,430,261,774</b>

**CALCULATION OF ESTIMATED STATUTORY DEBT MARGIN**

Debt Applicable to Debt Limit:			
Outstanding Bonds	\$ 2,430,261,774		
Less: Alternate Revenue Bonds Outstanding	(89,540,000)		
Bond Anticipation Notes - Principal	30,000,000		
Bond Anticipation Notes - Interest	250,000		
Capital Lease - Biosolids Facility	17,506,911		
Liabilities of Tax Financed Funds	3,000,000	\$	2,391,478,685
Less Applicable Assets:			
Cash and Investments - Bond Redemption & Interest Fund	\$ (135,146,247)		
Interest on Bonds Payable in Next Twelve Months	96,140,190	\$	(39,006,057)
NET DEBT APPLICABLE TO LIMIT:			\$ 2,352,472,628
Statutory Debt Limit 5.75% of 2023 EAV			\$ 11,252,077,467
Less Net Debt Applicable to Limit			2,352,472,628
<b>ESTIMATED STATUTORY DEBT MARGIN:</b>			<b>\$ 8,899,604,839</b>

## ACCOUNT SUMMARY COMPARISON 2025 - 2024 ALL FUNDS

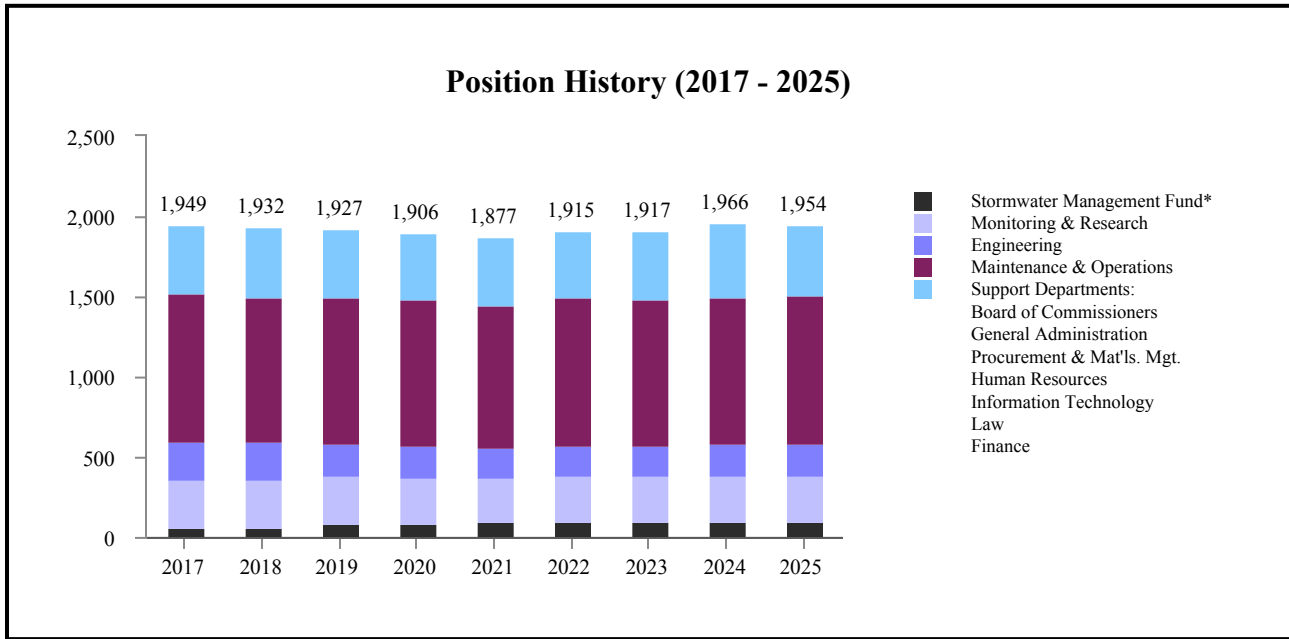
ORGANIZATION OR FUND	Account Appropriation		Increase (Decrease) 2025-2024	
	2025	2024 Adjusted	Dollars	Percent
<b>Board of Commissioners</b>	\$ 5,756,900	\$ 5,780,600	\$ (23,700)	(0.4)
<b>General Administration</b>	26,931,500	24,144,700	2,786,800	11.5
<b>Monitoring &amp; Research</b>	34,505,400	35,257,500	(752,100)	(2.1)
<b>Procurement &amp; Materials Management</b>	11,530,100	11,381,400	148,700	1.3
<b>Human Resources</b>	70,503,800	69,471,200	1,032,600	1.5
<b>Information Technology</b>	27,491,600	23,114,100	4,377,500	18.9
<b>Law</b>	8,712,600	8,777,900	(65,300)	(0.7)
<b>Finance</b>	4,400,100	4,329,900	70,200	1.6
<b>Maintenance &amp; Operations:</b>				
<b>General Division</b>	16,507,100	16,733,600	(226,500)	(1.4)
<b>North Service Area</b>	60,279,000	59,987,000	292,000	0.5
<b>Calumet Service Area</b>	73,214,700	72,800,000	414,700	0.6
<b>Stickney Service Area</b>	<u>143,291,100</u>	<u>132,660,100</u>	<u>10,631,000</u>	8.0
<b>TOTAL Maintenance &amp; Operations</b>	\$ 293,291,900	\$ 282,180,700	\$ 11,111,200	3.9
<b>Engineering</b>	<u>39,170,800</u>	<u>32,820,600</u>	<u>6,350,200</u>	19.3
<b>TOTAL Corporate Fund</b>	\$ 522,294,700	\$ 497,258,600	\$ 25,036,100	5.0
<b>Construction Fund</b>	81,080,900	74,598,800	6,482,100	8.7
<b>Capital Improvements Bond Fund</b>	<u>560,924,500</u>	<u>308,278,600</u>	<u>252,645,900</u>	82.0
<b>TOTAL Capital Budget</b>	\$ 642,005,400	\$ 382,877,400	\$ 259,128,000	67.7
<b>Stormwater Management Fund</b>	130,614,100	131,517,700	(903,600)	(0.7)
<b>Bond Redemption &amp; Interest Fund</b>	234,620,974	235,755,740	(1,134,766)	(0.5)
<b>Retirement Fund</b>	118,736,000	129,207,295	(10,471,295)	(8.1)
<b>Reserve Claim Fund</b>	<u>57,286,800</u>	<u>52,315,900</u>	<u>4,970,900</u>	9.5
<b>GRAND TOTAL</b>	<u>\$1,705,557,974</u>	<u>\$1,428,932,635</u>	<u>\$ 276,625,339</u>	19.4



**PERSONNEL SUMMARY COMPARISON  
2025 - 2023 ALL FUNDS**

ORGANIZATION OR FUND	Proposed FTEs 2025	Budgeted FTEs 2024	Actual FTEs 2023	Increase (Decrease) 2025-2024	
				FTEs	Percent
<b>Board of Commissioners</b>	37	37	36	—	—
<b>General Administration</b>	136	134	125	2	1.5
<b>Monitoring &amp; Research</b>	289	289	285	—	—
<b>Procurement &amp; Materials Management</b>	56	56	57	—	—
<b>Human Resources</b>	77	98	88	(21)	(21.4)
<b>Information Technology</b>	74	73	66	1	1.4
<b>Law</b>	38	38	36	—	—
<b>Finance</b>	27	27	27	—	—
<b>Maintenance &amp; Operations:</b>					
<b>General Division</b>	101	100	96	1	1.0
<b>North Service Area</b>	242	240	240	2	0.8
<b>Calumet Service Area</b>	197	197	197	—	—
<b>Stickney Service Area</b>	381	381	377	—	—
<b>TOTAL Maintenance &amp; Operations</b>	921	918	910	3	0.3
<b>Engineering</b>	197	197	187	—	—
<b>TOTAL Corporate Fund</b>	1,852	1,867	1,817	(15)	(0.8)
<b>Construction Fund</b>	—	—	—	—	—
<b>Capital Improvements Bond Fund</b>	—	—	—	—	—
<b>TOTAL Capital Budget</b>	—	—	—	—	—
<b>Stormwater Management Fund</b>	102	99	100	3	3.0
<b>Bond Redemption &amp; Interest Fund</b>	—	—	—	—	—
<b>Retirement Fund</b>	—	—	—	—	—
<b>Reserve Claim Fund</b>	—	—	—	—	—
<b>GRAND TOTAL</b>	1,954	1,966	1,917	(12)	(0.6)

**PERSONAL SERVICE APPROPRIATIONS**



\*In 2025, 102 positions for the Maintenance & Operations and Engineering Departments are budgeted in the Stormwater Management Fund, while the operations remain within the departments.

The exhibit above shows the actual staffing from 2017 to 2023, along with the budgeted positions for 2024 and 2025. The 2022 budget included an increase due to an operating department reorganization. While hiring slowed during the COVID-19 global pandemic, the 2024 budget sees filled positions returning to pre-pandemic levels. In 2025, following a re-evaluation, the 20 full-time equivalent Intern positions were transferred to Commitment Item 601300, Personal Services, where these expenditures occur.

The Maintenance & Operations, Engineering, and Monitoring & Research Departments are referred to as the District’s operating departments. These departments are directly responsible for the daily operations of sewage collection, treatment, environmental monitoring activities, and disposal. The remaining departments are generally termed as support departments. While positions in these departments may be considered indirect or overhead, they are also necessary for technical expertise, statutory compliance, governance, and public accountability.

The exhibit below provides the personal service appropriations for 2024 and 2025, and the actual expenditures for personal services in 2023. The District has introduced a number of initiatives in an effort to control cost increases, including active management of employee health benefit costs.

Personal Service Summary - All Funds				Increase (Decrease) 2025-2024	
	2023 Actual Exp.	2024 Adj. Approp.	2025 Budgeted	Dollars	Percent
Salaries of Regular Employees	\$ 200,509,151	\$ 219,994,500	\$ 227,033,800	\$ 7,039,300	3.2 %
Compensation Plan Adjustments	8,309,958	9,652,100	11,454,600	\$ 1,802,500	18.7 %
Social Security & Medicare Contributions	2,962,845	3,422,800	3,492,200	\$ 69,400	2.0 %
Employee Claims	2,947,207	10,100,000	10,100,000	\$ —	— %
Other Employee Personal Services*	1,562,516	2,593,300	2,620,300	\$ 27,000	1.0 %
Health & Life Insurance Premiums**	44,397,581	53,544,000	52,775,400	\$ (768,600)	(1.4)%
<b>Total</b>	<b>\$ 260,689,258</b>	<b>\$ 299,306,700</b>	<b>\$ 307,476,300</b>	<b>\$ 8,169,600</b>	<b>2.7 %</b>

\* Includes Tuition, Training, and Nonbudgeted Salaries  
 \*\* Includes Other Postemployment Benefits Distribution

# **FIVE-YEAR FINANCIAL FORECAST**

## **2025 - 2029**

The District's Five-Year Financial Forecast (FYFF), as defined by generally accepted accounting principles, is an interim financial report. Interim financial reports are designed to provide estimates of future financial operating conditions to policymakers and managers. They reflect no legal obligation of the organization, present or future.

The FYFF is prepared prior to the Executive Director's Budget Recommendations and reflects the best estimates of revenues, fund equity, and appropriation needs available at the time. This forecast is presented to the Executive Director. Subject to his review and approval, it is then included in the Budget.

The FYFF presentation is in the form of a letter from the Budget Officer to the Executive Director, which discusses the assumptions used in making the forecast. It also provides a discussion of the changes and trends in operations, which are expected to occur during the FYFF period. Graphs and tables are provided, detailing the financial projections of all funds.

October 15, 2024

**SUBJECT: FIVE-YEAR FINANCIAL FORECAST, 2025 - 2029**

Dear Sir:

I have reviewed the Five-Year Financial Forecast prepared for the fiscal years 2025 - 2029 and offer the following report and summary. Subject to your review and approval, this will be included in the 2025 Budget. These projections are a tool designed to aid the District in planning and controlling its financial position over a longer range than the 2025 Budget itself. They also contribute to making the Budget a comprehensive financial plan of District operations, present and future.

This forecast is designed to provide an understanding of how the District's revenues and expenditures are expected to develop during the next five years. The report's value lies in the projected trends rather than the absolute numbers. The current trends require the District to remain diligent in cutting costs and increasing efficiencies.

#### **OVERVIEW**

The Consumer Price Index (CPI) and the real estate market are primary drivers of the District's revenue. The global pandemic and resultant economic volatility have impacted the District's results since 2020. Persistent inflation, supply chain issues, and contractor availability have impacted the District for the last five years. The growth in the Consumer Price Index impacted the District's budget across all funds since 2021. The 2025 budget anticipates declining revenues as Personal Property Replace Tax (PPRT) disbursements slow and interest rates impact the real estate market. CPI is estimated to end 2024 at 2.4 percent, while growth is estimated to slow through 2029 without falling into recession. Actual results will be closely monitored and mid-year adjustments will be implemented if necessary.

Inflationary pressures on expenditures are incorporated into the 2025 budget across all operating and capital funds but are expected to follow CPI in the subsequent years. Significantly, the budget for the biosolids program is expected to increase by \$7.9 million in 2025. The costs for telemetry services increased in 2024 and are expected to be \$2.1 million over 2024's projected year-end as a capital project will modernize technology and result in significant operating savings for 2026. Property and Liability insurance premiums, including a \$1.5 million increase from 2024 - 2025, are expected to see sustained growth over the next several years, as insurance markets continue to soar. Over the next decade, evolving permit requirements will impact both capital and operating expenditures.

Revenue sources for the District are limited by statute and are derived primarily from property taxes. Projections of economic growth in Illinois are reflected in revenues from PPRT collections, investment income, real estate leases, and user charge collections. These projections reflect the assumed return to steady economic growth over the projection period.

#### **EXPENDITURES: DEPARTMENTAL GUIDELINES AND METHODOLOGY**

The Budget Office asked each department to project its needs for the years 2025 - 2029. The projections were made in current dollars. Salary growth was projected by the Budget Office using conservative growth assumptions and holding staff steady. The Human Resources Department directly projected health and life insurance costs based on current multi-year agreements and industry trends. Electrical energy was adjusted for operating needs and contractual rates.

## REVENUE AND FINANCING ASSUMPTIONS

Illinois Property Tax Extension Limitation statute remains the primary limiting factor for the District's long-term financial planning. This law limits increases in property tax levies in the aggregate to an increase of five percent or the change in the national CPI, whichever is less. The tax levy for the payment of principal and interest on District-issued debt is subject to the tax cap through a limitation on the debt service extension base. The property tax levy for Stormwater Management is excluded from the limitation.

Key assumptions made in the projections of revenues and tax rates are:

- CPI is projected to be 2.4 percent for 2024, 2.3 percent for 2025 and 2026, fall to 2.2 percent in the following year, then remain near the Federal Reserve's target rate of 2.0 percent. New property is assumed to be 1.0 percent for 2025 - 2029;
- The Aggregate Levy is projected to be at the tax cap in 2025, reflecting the decrease in CPI. Total property levies are projected to increase by an average rate of 3.2 percent annually over the five-year period;
- A PPRT provides income tax revenue from corporations, partnerships, and the invested capital of public utilities to replace the personal property taxes which were once received from these sources. These revenues are received directly from the State of Illinois. Revenue from this source is estimated at \$66.6 million for 2025, a decrease of \$24.4 million, or 26.8 percent, from the 2024 Original Budget, but expected to level off near \$70.0 million for the years 2026 - 2029;
- The Corporate Fund expenditure rate is expected to be 90.0 percent from 2025 - 2029;
- Tax collections will be 96.5 percent of what is levied, allowing for loss in collections, Property Tax Appeals Board decisions, circuit court decisions, and other tax refunds;
- The annual Equalized Assessed Valuation (EAV) projection is based on the 2023 amount as provided by the Cook County Clerk, with estimated growth of 3.5 percent in 2024 and 3.5 percent annually from 2025 - 2029;
- Following a \$300 million bond sale expected to close in late 2024, a Capital Improvements bond sale valued at \$200.0 million is planned for 2027, followed by \$250.0 million in 2029. The District will also seek \$100.0 million in Water Infrastructure Finance and Innovation Act loans in 2027 for future project funding needs;
- The District is expecting to receive approximately \$50.0 million annually from 2025 - 2029 in State Revolving Fund loans;
- The District received statutory authority to sell up to \$600.0 million in Pension Obligation Bonds. Provided market conditions are favorable, the District will issue \$250.0 million in Pension Obligation Bonds as a supplemental employer contribution, but no sale is included in the forecast and is not anticipated in 2025.

## REVENUE AND APPROPRIATION FORECASTS BY FUND

Total District appropriations are summarized in the exhibit on page 60 and detailed in Table I on page 61. The year-to-year variation is largely due to the schedule of awards for major capital projects.

Key assumptions made in the appropriation forecasts:

- Short-term fluctuations in commodities such as lumber and metals should have little impact over the long term. Over the long term, these costs will be viewed as normal cost increases in tandem with an economy that will continue with modest growth trends for the projection period;
- Health care costs are projected to increase an average of 2.5 percent annually through 2029;
- Salaries, wages, and other personal services costs are projected to increase by an average of 2.0 percent annually, which results in an increase of \$19.1 million in the Corporate Fund and \$1.1 million in the Stormwater Management Fund over five years.

Changes and explanations within the various District funds are as follows:

### **Corporate Fund**

Tax levy projections for the Corporate Fund are expected to increase by an average of 3.9 percent annually from 2025 through 2029. Property tax revenues account for 57.4 percent of the 2025 Corporate Fund projected revenue. The PPRT allocation to the Corporate Fund is expected to be \$77.0 million in 2025 and decline by an annual average of 1.9 percent through 2029.

Other significant funding sources include industrial user charge fees, investment income, and land rentals. The revenue from the user charge system, which by design recovers costs attributable to industrial users, is estimated at \$37.0 million for 2025, followed by a slight decline to \$36.0 million in 2026 and will stabilize at \$35.0 million for future years.

Appropriations

The Corporate Fund, the District's general fund, includes all appropriations for day-to-day operations. Appropriations for this fund are expected to increase an average of 1.7 percent annually from 2025 through 2029. This relative stability of appropriations is attributed to revenue estimates, as well as planned control of growth and stability in staffing levels. Operating cost increases on expenditures, primarily the result of wage growth and a tight labor market, are incorporated into the 2025 Budget across all operating and capital funds but are expected to follow CPI in the subsequent years.

Operational Cost Increases

In addition to increases in salaries and benefits, there are two expenditure categories that will impact the District's operating costs over the next five years. Energy costs, including electricity and natural gas, have seen significant increases since 2021. Following a 27.0 percent increase in the 2022 budget, electricity increased by an additional \$5.0 million, or 10.0 percent, in 2023. While we expect that stability will return to the market in 2025, continued global market disruptions could have a negative impact and will be monitored closely.

Over the next ten years, regulatory permit requirements for phosphorus and nitrogen may impact operational costs including both capital and chemical needs. Chemical costs are projected to increase by an average of 3.8 percent annually as the District will be required to meet evolving regulatory permit limits for phosphorus. The budget for biosolids increased by \$7.9 million in 2025 as the District is actively pursuing a biosolids strategy to normalize the biosolids program.

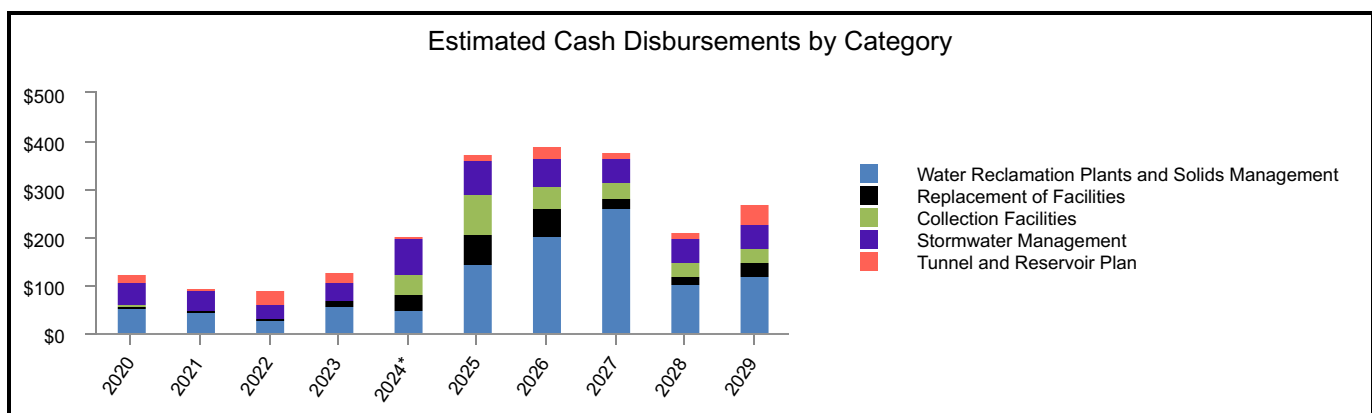
Employee and Retiree Health Care Benefits

The District's long-term benefits strategy continues to focus on rising health care costs. Employee and retiree benefits constitute approximately 8.9 percent of the Corporate Fund budget. While strategies to limit cost increases resulted in costs remaining flat in 2015-2019, and pandemic-related anomalies in 2020-2021 further limited expenditures, benefits are projected to increase an average of 2.5 percent annually over the next five years. The District continues to fund the Other Postemployment Benefits (OPEB) Trust Fund to ensure the future of retiree health care benefits by contributing \$5.0 million annually through 2026. Beginning in 2027, the OPEB Trust is expected to be fully funded and the Corporate Fund will see a net positive variance of approximately \$10.0 million annually by eliminating the advance funding requirement coupled with a partial payment of retiree benefits from the OPEB fund.

**Capital Improvement Program**

The District's Capital Improvement Program is comprised of the Capital Improvements Bond Fund (CIBF), the Construction Fund, and the capital projects funded by the Stormwater Management Fund. While the CIBF is funded principally by State Revolving Fund loans, bond proceeds, and Build America Bond rebates (categorized as grants) for the construction of capital projects, the Construction Fund and the Stormwater Management Fund are property tax supported funds utilizing pay-as-you-go financing.

The table below shows the Estimated Cash Disbursements by Category for construction projects and reflects the current project schedule, showing that several large projects will be under construction from 2025-2029.



\*Estimated 2024 Year-End

The tax levy for the Construction Fund is \$7.0 million in 2025 and projected to remain flat through 2029. Additionally, \$18.0 million from the District's PPRT disbursement will be allocated to the Construction Fund in 2025 and \$15.0 million in 2026 - 2029 to allow for additional project funding. Appropriations for this fund lapse at year-end and uncompleted projects must be reappropriated. Initial estimates and schedules have been analyzed and compared to bond issuance authority and funding availability.



The Stormwater Management Fund levy is planned to increase by \$5.0 million in 2025, while the District continues to aggressively pursue an influx of federal funding to supplement project funding. In 2024, in addition to \$10.0 million received from FEMA for the Addison Creek Channel Improvements project and \$20.0 million received from the Army Corps of Engineers as reimbursement for the District's work on the design and construction of the Thornton Composite Reservoir, the District expects to receive \$1.4 million in grants and reimbursements. In 2025, the District expects 17.0 million in grants and federal reimbursements to fund regional stormwater management projects, particularly in disproportionately impacted areas.

**Retirement Fund**

The 2025 appropriation for the Retirement Fund is \$118.7 million, a decrease of \$10.5 million from 2024 to 2025, and continues to include \$30.0 million in advance funding in alignment with the District's Strategic Plan. The appropriation is expected to be stable from 2026 through 2029. Due to a change in legislation, beginning in 2013, the tax levy is based on the fund's actuarially determined contribution requirement, but shall not exceed an amount equal to employee contributions of two years prior, multiplied by 4.19. The previous multiplier was 2.19, and employee contributions for employees who were fund members before January 1, 2011 increased one percent per year from nine percent in 2012 to 12.0 percent in 2015.

In 2022, the District received statutory authority to issue up to \$600.0 million in Pension Obligation Bonds. While market conditions are not currently favorable, the District will monitor economic conditions for the optimal timing. No pension obligation bond sale is reflected in the Fund's five-year outlook. If bonds are issued, debt service will be paid from the property taxes levied for the employer contribution.

The average annual increase projected for 2025 - 2029 is 2.9 percent for the Retirement Fund property tax levy. The Fund also receives a portion of the District's PPRT distribution from the State of Illinois equal to 20.9 percent of the total Retirement Fund revenues.

**Debt Service Fund**

The District is planning several bond sales over the next five years to fund the capital program. Significant projects are planned to modernize aging infrastructure and prepare for evolving effluent permit limits. The District continues to maximize State Revolving Loan funding and will seek to utilize Water Infrastructure Finance and Innovation Act loans to take advantage of the lowest possible interest rates.

A complete discussion of the District's planned phosphorus removal projects can be found in the Capital Improvement Plan. As a result of the planned borrowing, Debt Service Fund appropriations are expected to increase an average of 2.5 percent annually over the next five years. Borrowing will be constricted in the subsequent five-year period of 2030-2034 due to limitations of the debt service extension base. The projected debt for the District from 2025 through 2029 appears on page 64. The District's outstanding bonds and ability to issue additional bonds are on pages 522 - 526.

Planned Bond Sales				
in \$ Millions	WIFIA Loan	Limited	Unlimited	
2025	—	—	—	
2026	—	—	—	
2027	\$ 100.0	\$ 150.0	\$	50.0
2028	—	—	—	
2029	—	\$ 250.0	—	

**Reserve Claim Fund**

The tax levy for the Reserve Claim Fund is projected to be \$7.5 million in 2025 and remain flat at \$7.5 million from 2026 through 2029. The appropriation for the Reserve Claim Fund is expected to grow slowly between 2025 and 2029, from \$57.3 million to \$65.3 million. The Reserve Claim Fund is the District's self-insurance fund, and the annual appropriation equals all available resources in the fund. The projected annual appropriation is based on average annual expenditures of \$5.0 million remaining steady. Expenditures related to Workers' Compensation claims are expected to remain stable. Beginning in 2015, the District purchased insurance coverage for roughly \$12.7 billion in assets.

**SUPPORTING EXHIBITS**

The data presented to illustrate the projected financial status of the District is divided into six segments: Summary of All Funds, the Corporate Fund, Capital Improvements Funds, Debt Service Fund, Program Distribution within Fund, and the Combined GAAP Basis Balance Sheets for the General Corporate Fund.

The graphs on page 60, and the table on page 61, summarize the projected appropriations, property tax rates, and tax levies for all funds for the years 2025 through 2029. Historical comparisons can be made by reviewing the actual appropriations, tax rates, and levies for the years 2016 through 2025 on page 39.

Table II, on page 62 provides detailed revenue and tax rate projections, as well as appropriations by department and major categories for the Corporate Fund for 2025 through 2029. Corporate Fund appropriations and expenditures for the years 2016 through 2025 can be found on page 103.

Projections for revenues, tax rates, and appropriations for the Construction Fund for the years 2025 through 2029, appear on page 63, and projected appropriable resources and appropriations for the Capital Improvements Bond Fund appear on page 64. The exhibits on page 65 present appropriation projections by major programs. A summary of actual and projected construction expenditures for both funds, for the years 2020 through 2029, can be found in the Capital Improvement Program Section, on page 320.

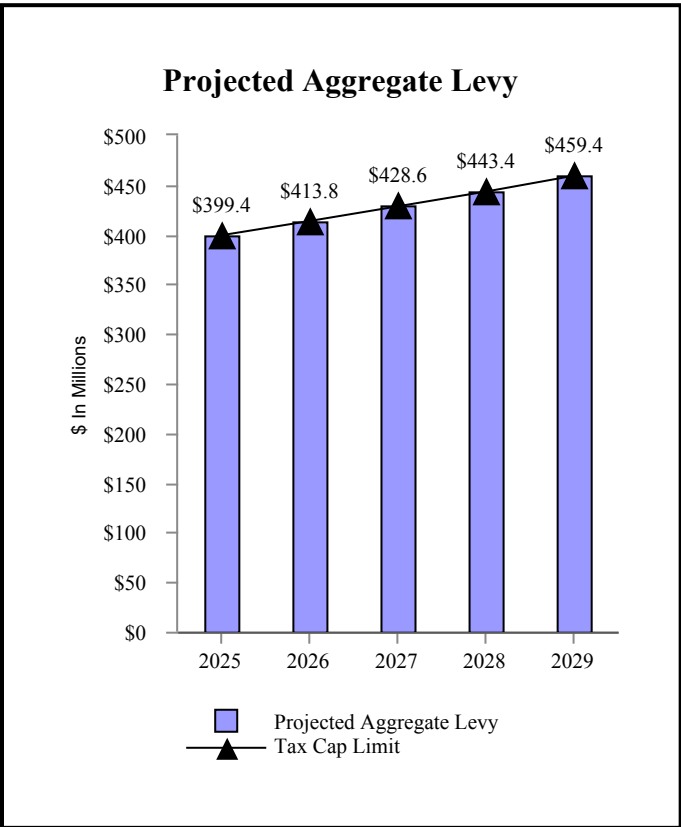
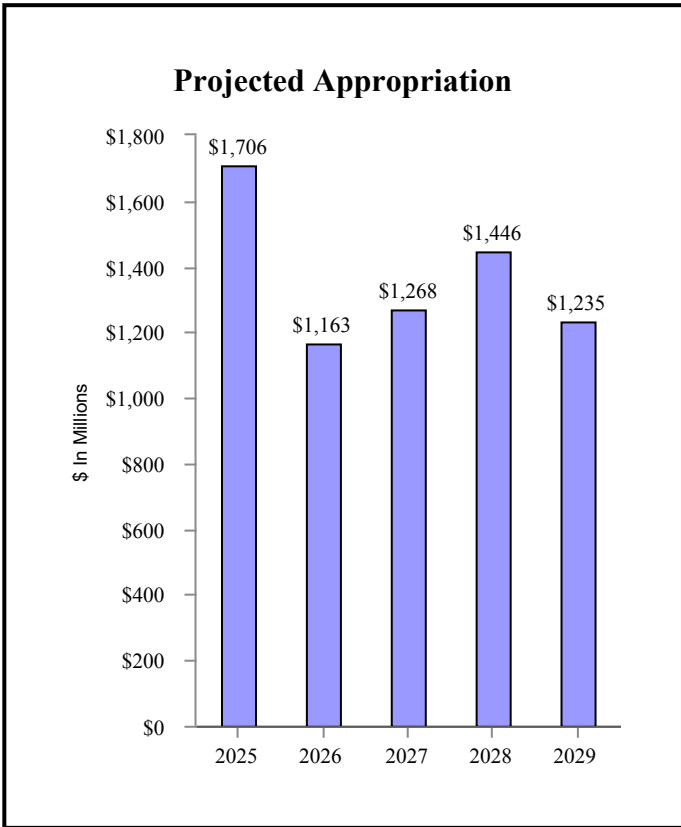
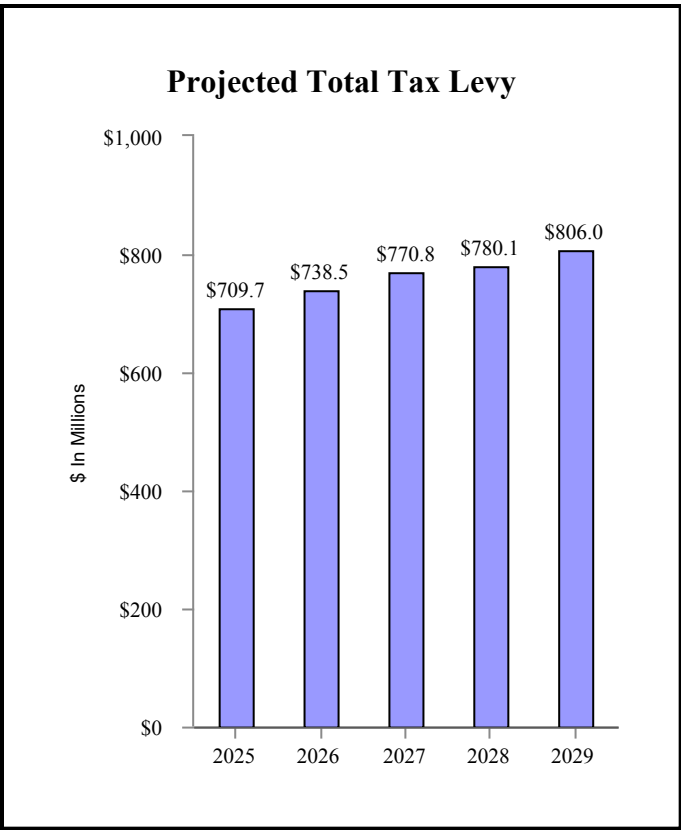
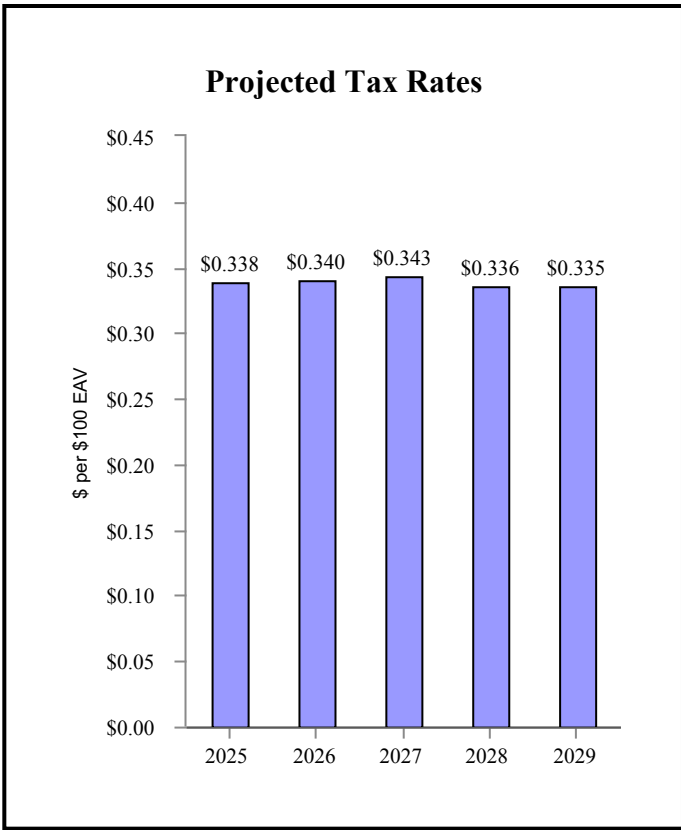
The balance sheet statement on page 66 is prepared on a GAAP basis of accounting and is included to show the effect on the General Corporate Fund, which is comprised of the Corporate, Corporate Working Cash, and Reserve Claim Funds. The total fund equity projection for 2025 is \$514.2 million.

Respectfully submitted,



Irene Green  
Budget Officer

**FIVE-YEAR FINANCIAL FORECAST, 2025 - 2029**



**FIVE-YEAR FINANCIAL FORECAST, 2025 - 2029**

**TABLE I**

<b>ALL FUNDS</b>					
<b>Projected Tax Rates</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
Corporate	\$ 0.1481	\$ 0.1487	\$ 0.1493	\$ 0.1496	\$ 0.1502
Construction	0.0033	0.0032	0.0031	0.0030	0.0029
Stormwater Management	0.0298	0.0288	0.0301	0.0290	0.0281
Debt Service	0.1182	0.1208	0.1223	0.1158	0.1160
Retirement	0.0355	0.0353	0.0351	0.0349	0.0347
Reserve Claim	0.0036	0.0035	0.0033	0.0032	0.0031
Total (\$ in cents)	\$ 0.3385	\$ 0.3404	\$ 0.3433	\$ 0.3356	\$ 0.3350
Percentage Change	— %	0.56 %	0.85 %	(2.22)%	(0.18)%
Projected tax rate per \$100 Equalized Assessed Valuation (EAV). Based on 2023 EAV of \$195.7 billion increasing 3.5% annually for 2024 and 3.5% increase annually thereafter.					
<b>Projected Tax Levies</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
Corporate	\$ 310,544	\$ 322,662	\$ 335,218	\$ 347,772	\$ 361,406
Construction	7,000	7,000	7,000	7,000	7,000
Stormwater Management	62,500	62,500	67,500	67,500	67,500
Debt Service- Existing	247,766	259,682	259,399	255,734	250,151
Debt Service- Proposed	—	2,500	15,336	13,425	28,895
Retirement	74,399	76,621	78,846	81,144	83,499
Reserve Claim	7,500	7,500	7,500	7,500	7,500
Total Levy (\$ in thousands)	\$ 709,708	\$ 738,465	\$ 770,798	\$ 780,075	\$ 805,952
Percentage Change	2.61 %	4.05 %	4.38 %	1.20 %	3.32 %
Aggregate Levy (\$ in thousands)	\$ 399,443	\$ 413,783	\$ 428,563	\$ 443,416	\$ 459,405
Percentage Change	3.28 %	3.59 %	3.57 %	3.47 %	3.61 %
<b>Projected Annual Appropriations</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
Corporate	\$ 522,295	\$ 529,648	\$ 537,516	\$ 547,140	\$ 557,760
Capital Improvements Bond	560,925	65,271	161,138	329,654	110,277
Construction	81,081	64,679	56,704	46,580	42,633
Stormwater Management	130,614	120,128	111,908	107,272	105,637
Debt Service- Existing	234,621	231,716	242,313	242,313	238,256
Debt Service- Proposed	—	1,594	3,188	13,091	16,214
Retirement	118,736	90,776	93,487	96,202	99,006
Reserve Claim	57,287	58,787	61,287	63,287	65,287
Total Appropriation (\$ in thousands)	\$ 1,705,558	\$ 1,162,599	\$ 1,267,540	\$ 1,445,539	\$ 1,235,071
<b>Projected Positions</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
Corporate	1,852	1,850	1,849	1,848	1,848
Stormwater Management	102	102	102	102	102
Total Positions	1,954	1,952	1,951	1,950	1,950

Note: Totals are rounded.

FIVE-YEAR FINANCIAL FORECAST, 2025 - 2029

TABLE II

<b>CORPORATE FUND</b>						% average annual change
<b>Five-Year Revenue and Tax Rate Projections</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2025-2029</b>
Property Taxes	\$ 299,675	\$ 311,369	\$ 323,485	\$ 335,600	\$ 348,757	3.86 %
Personal Property Replacement Tax	77,041	64,595	70,000	70,000	70,000	(1.95)%
User Charge	37,000	36,000	35,000	35,000	35,000	(1.37)%
Investment Income	14,000	10,422	6,909	9,064	9,489	(5.85)%
Land Rentals	31,500	32,000	32,500	33,000	33,500	1.55 %
Miscellaneous	20,642	16,055	16,617	17,198	17,800	(2.93)%
Net Assets Appropriable	252,873	262,665	256,422	257,168	264,604	1.17 %
Budget Reserve	(210,435)	(203,457)	(203,417)	(209,890)	(221,390)	1.33 %
<b>Total Appropriable Resources (\$ in thousands)</b>	<b>\$ 522,295</b>	<b>\$ 529,648</b>	<b>\$ 537,516</b>	<b>\$ 547,140</b>	<b>\$ 557,760</b>	<b>1.66 %</b>
Projected Equalized Assessed Valuation (EAV) (Based on 2023 EAV, assumes 3.5% increase for 2024, followed by 3.5% increase annually thereafter)	\$ 209.63 billion	\$ 216.96 billion	\$ 224.56 billion	\$ 232.42 billion	\$ 240.55 billion	
Projected Tax Rate Cents per \$100 EAV	14.8 ¢	14.9 ¢	14.9 ¢	15.0 ¢	15.0 ¢	
Gross Levy - assumes 3.5% uncollectible.	\$ 310,544	\$ 322,662	\$ 335,218	\$ 347,772	\$ 361,406	
<b>Projected Appropriations by Major Categories</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2025-2029</b>
Employee Cost - Salaries	\$ 231,876	\$ 236,513	\$ 241,243	\$ 246,068	\$ 250,989	2.00 %
Employee Cost - Health Care	46,582	47,871	49,193	50,423	51,683	2.63 %
Other Postemployment Benefits Trust	5,000	5,000	—	—	—	NA
Professional Services	6,763	6,830	6,899	6,968	7,037	1.00 %
Energy Cost	57,870	58,448	59,033	59,623	60,220	1.00 %
Chemicals	33,895	35,406	38,743	39,057	39,329	3.85 %
Materials & Supplies	21,732	21,950	22,169	22,391	22,615	1.00 %
Solids Disposal	26,020	26,281	26,543	26,809	27,077	1.00 %
Contracted Solids Disposal	5,900	6,144	6,274	6,310	6,453	2.27 %
Computer Systems & Telecommunications	17,201	17,373	17,547	17,723	17,900	1.00 %
Repairs to Structures & Equipment	33,698	30,650	30,956	31,266	31,579	(1.51)%
Contractual Services	29,734	32,027	33,631	35,078	37,306	5.84 %
Machinery & Equipment	5,242	4,294	4,337	4,381	4,424	(3.77)%
Real Estate Taxes	782	861	948	1,043	1,148	10.07 %
<b>Total (\$ in thousands)</b>	<b>\$ 522,295</b>	<b>\$ 529,648</b>	<b>\$ 537,516</b>	<b>\$ 547,140</b>	<b>\$ 557,760</b>	<b>1.66 %</b>
<b>Projected Appropriations by Department</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2025-2029</b>
Board of Commissioners	\$ 5,788	\$ 5,938	\$ 6,024	\$ 6,094	\$ 6,137	1.48 %
General Administration	24,362	28,368	28,479	29,350	30,012	5.54 %
Monitoring & Research	34,697	36,829	37,051	37,448	37,829	2.21 %
Procurement & Materials Management	11,592	11,648	11,852	11,954	12,078	1.03 %
Human Resources	70,881	78,621	85,279	91,368	97,706	8.37 %
Information Technology	27,617	23,066	22,809	23,058	23,076	(4.11)%
Law	8,760	9,105	9,363	9,559	9,767	2.76 %
Finance	4,424	4,740	4,536	4,588	4,630	1.23 %
Engineering	39,349	36,896	31,843	32,238	33,017	(4.07)%
Maintenance & Operations	294,825	294,437	300,280	301,483	303,508	0.73 %
<b>Total (\$ in thousands)</b>	<b>\$ 522,295</b>	<b>\$ 529,648</b>	<b>\$ 537,516</b>	<b>\$ 547,140</b>	<b>\$ 557,760</b>	<b>1.66 %</b>
<b>Projected Appropriation Distribution by Program</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2025-2029</b>
1000 Collection	\$ 86,318	\$ 83,208	\$ 77,468	\$ 78,186	\$ 78,937	(2.15)%
2000 Treatment	110,966	111,039	113,773	113,786	114,119	0.71 %
3000 Solids Processing	75,181	74,329	77,529	78,875	79,761	1.51 %
4000 Flood & Pollution Control	42,021	47,739	48,008	48,455	48,827	3.97 %
5000 Solids Disposal	45,502	44,611	45,089	44,511	45,294	(0.10)%
7000 General Support	162,307	168,722	175,649	183,327	190,822	4.13 %
<b>Total (\$ in thousands)</b>	<b>\$ 522,295</b>	<b>\$ 529,648</b>	<b>\$ 537,516</b>	<b>\$ 547,140</b>	<b>\$ 557,760</b>	<b>1.66 %</b>

Note: Totals are rounded.

**FIVE-YEAR FINANCIAL FORECAST, 2025 - 2029**

**TABLE III**

<b>CONSTRUCTION FUND</b>					
<b>Five-Year Revenue and Tax Rate Projections</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
Property Taxes	\$ 6,755	\$ 6,755	\$ 6,755	\$ 6,755	\$ 6,755
Personal Property Replacement Tax	18,000	15,000	15,000	15,000	15,000
Investment Income & Miscellaneous Revenue	1,823	2,384	2,609	2,144	2,246
Net Assets Appropriable	54,503	40,540	32,340	22,681	18,632
<b>Total Revenue &amp; Appropriable Resources (\$ in thousands)</b>	<b>\$ 81,081</b>	<b>\$ 64,679</b>	<b>\$ 56,704</b>	<b>\$ 46,580</b>	<b>\$ 42,633</b>
Projected Equalized Assessed Valuation (EAV)	\$ 209.63	\$ 216.96	\$ 224.56	\$ 232.42	\$ 240.55
(Based on 2023 EAV, assumes 3.5% increase for 2024, followed by 3.5% increase annually thereafter)	billion	billion	billion	billion	billion
Projected Tax Rate Cents per \$100 of EAV	0.3 ¢	0.3 ¢	0.3 ¢	0.3 ¢	0.3 ¢
Gross Levy - assumes 3.5% uncollectible rate.	7,000	7,000	7,000	7,000	7,000
<b>Projected Appropriations</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
Capital Projects	\$ 75,870	\$ 59,755	\$ 47,020	\$ 42,330	\$ 37,683
Professional Services	5,211	4,924	9,683	4,251	4,951
<b>Total (\$ in thousands)</b>	<b>\$ 81,081</b>	<b>\$ 64,679</b>	<b>\$ 56,704</b>	<b>\$ 46,580</b>	<b>\$ 42,633</b>
<b>Projected Appropriation Distribution by Program</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
1000 Collection	\$ 10,788	\$ 8,943	\$ 7,868	\$ 6,920	\$ 5,083
2000 Treatment	52,874	47,512	36,754	21,193	22,691
3000 Solids Processing	10,277	818	3,577	7,755	4,080
4000 Flood & Pollution Control	3,964	6,206	6,836	5,551	3,716
5000 Solids Disposal	2,829	—	640	4,056	5,923
7000 General Support	350	1,201	1,030	1,106	1,139
<b>Total (\$ in thousands)</b>	<b>\$ 81,081</b>	<b>\$ 64,679</b>	<b>\$ 56,704</b>	<b>\$ 46,580</b>	<b>\$ 42,633</b>
<b>STORMWATER MANAGEMENT FUND</b>					
<b>Five-Year Revenue and Tax Rate Projections</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
Property Taxes	\$ 60,313	\$ 60,313	\$ 65,138	\$ 65,138	\$ 65,138
Investment Income & Miscellaneous Revenue	2,114	2,891	3,154	2,611	2,730
Sewer Permit Fees	1,000	1,100	1,200	1,300	1,400
Grants	17,025	16,657	4,000	4,000	4,000
Net Assets Appropriable	59,692	48,696	47,946	43,751	41,896
Equity Transfer (Debt Service for Alternate Revenue Bonds)	(9,529)	(9,528)	(9,530)	(9,527)	(9,526)
<b>Total Revenue &amp; Appropriable Resources (\$ in thousands)</b>	<b>\$ 130,614</b>	<b>\$ 120,128</b>	<b>\$ 111,908</b>	<b>\$ 107,272</b>	<b>\$ 105,637</b>
Projected EAV	\$ 209.63	\$ 216.96	\$ 224.56	\$ 232.42	\$ 240.55
(Based on 2023 EAV, assumes 3.50% increase for 2024, followed by 3.5% increase annually thereafter)	billion	billion	billion	billion	billion
Projected Tax Rate Cents per \$100 of EAV	3.0 ¢	2.9 ¢	3.0 ¢	2.9 ¢	2.8 ¢
Gross Levy - assumes 3.5% uncollectible rate.	\$ 62,500	\$ 62,500	\$ 67,500	\$ 67,500	\$ 67,500
<b>Projected Appropriations</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
Employee Cost - Salaries	\$ 12,825	\$ 13,082	\$ 13,344	\$ 13,610	\$ 13,883
Employee Cost - Health Care	1,194	1,224	1,254	1,285	1,318
Professional Services	12,724	(3,051)	5,438	10,877	14,215
Intergovernmental Agreements	43,954	47,963	20,000	21,000	21,000
Contractual Services	3,066	2,714	3,024	3,348	3,538
Capital Projects	55,724	57,596	68,041	56,228	50,690
Other Charges	1,126	599	807	924	995
<b>Total (\$ in thousands)</b>	<b>\$ 130,614</b>	<b>\$ 120,128</b>	<b>\$ 111,908</b>	<b>\$ 107,272</b>	<b>\$ 105,637</b>
<b>Projected Appropriation Distribution by Program</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
4000 Flood & Pollution Control	\$ 130,614	\$ 120,128	\$ 111,908	\$ 107,272	\$ 105,637
<b>Total (\$ in thousands)</b>	<b>\$ 130,614</b>	<b>\$ 120,128</b>	<b>\$ 111,908</b>	<b>\$ 107,272</b>	<b>\$ 105,637</b>

Note: Totals are rounded.



FIVE-YEAR FINANCIAL FORECAST, 2025 - 2029

TABLE IV

<b>CAPITAL IMPROVEMENTS BOND FUND*</b>					
<b>Appropriable Resources (Cash)</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
Bond Sales - Limited	\$ —	\$ —	\$ 250,000	\$ —	\$ 250,000
Bond Sales - Unlimited	—	—	50,000	—	—
State Revolving Loan Fund Receipts	50,000	50,000	50,000	50,000	50,000
Investment Income & Grant Revenue	28,727	21,716	22,442	18,301	19,183
Beginning Cash	534,699	335,428	95,198	167,656	88,673
Capital Improvement Reserve Funds	(178,831)	(180,619)	(182,425)	(184,249)	(186,092)
Total Assets Appropriable (\$ in thousands)	\$ 434,596	\$ 226,526	\$ 285,216	\$ 51,708	\$ 221,764
Expenditures	\$ 277,998	\$ 311,946	\$ 299,984	\$ 147,285	\$ 195,920
Ending Cash (\$ in thousands)	\$ 335,428	\$ 95,198	\$ 167,656	\$ 88,673	\$ 211,936
<b>Projected Appropriations by Major Categories</b>					
	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
Professional Consulting Services	\$ 9,850	\$ 2,200	\$ 3,200	\$ 4,700	\$ 2,200
Capital Projects	549,346	62,250	156,750	324,589	106,875
Other Charges	1,729	821	1,188	365	1,202
Total (\$ in thousands)	\$ 560,925	\$ 65,271	\$ 161,138	\$ 329,654	\$ 110,277
<b>Projected Appropriation Distribution by Program</b>					
	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
1000 Collection	\$ 38,088	\$ 16,825	\$ 20,975	\$ 33,100	\$ 33,100
2000 Treatment	458,028	36,625	72,325	212,500	46,075
3000 Solids Processing	15,910	10	61,960	13,975	7,885
4000 Flood & Pollution Control	46,785	10,605	4,305	69,329	17,955
5000 Solids Disposal	500	500	500	500	4,175
7000 General Support	1,614	706	1,073	250	1,087
Total (\$ in thousands)	\$ 560,925	\$ 65,271	\$ 161,138	\$ 329,654	\$ 110,277

\*The Capital Improvements Bond Fund is appropriated on an obligation basis. Expenditures are expected to be disbursed over the term of the projects funded.

<b>DEBT SERVICE FUNDS</b>					
<b>Projected Debt</b>					
<b>EXISTING DEBT</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
January 1 Debt	\$ 2,430,262	\$ 2,341,781	\$ 2,250,852	\$ 2,442,990	\$ 2,328,445
Annual Current Debt Retirement	(138,481)	(139,954)	(154,912)	(157,620)	(160,634)
Net Debt	\$ 2,291,781	\$ 2,201,827	\$ 2,095,940	\$ 2,285,370	\$ 2,167,811
<b>PROPOSED FUTURE DEBT</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
Annual Sale of Bonds:					
Capital Bonds - Limited	\$ —	\$ —	\$ 250,000	\$ —	\$ 250,000
Capital Bonds - Unlimited	—	—	50,000	—	—
State Revolving Fund Bond Issues	50,000	50,000	50,000	50,000	50,000
Future Debt Retirement	—	(975)	(2,950)	(6,925)	(13,107)
Proposed New Debt (\$ in thousands)	\$ 50,000	\$ 49,025	\$ 347,050	\$ 43,075	\$ 286,893
<b>PROJECTED DEBT OUTSTANDING</b>					
Gross Levy for Existing Debt	\$ 247,766	\$ 259,682	\$ 259,399	\$ 255,734	\$ 250,151
Gross Levy for Future Debt	\$ —	\$ 2,500	\$ 15,336	\$ 13,425	\$ 28,895
Total Debt Levy	\$ 247,766	\$ 262,182	\$ 274,734	\$ 269,159	\$ 279,047
Tax Rate (cents)	11.8 ¢	12.1 ¢	12.2 ¢	11.6 ¢	11.6 ¢
Projected Stormwater Alternate Revenue Abatement**	\$ (9,529)	\$ (9,528)	\$ (9,530)	\$ (9,527)	\$ (9,526)
Projected Levy After Abatement	\$ 238,237	\$ 252,654	\$ 265,205	\$ 259,632	\$ 269,520
Projected Equalized Assessed Valuation (EAV)***	\$ 209.63	\$ 216.96	\$ 224.56	\$ 232.42	\$ 240.55
	billion	billion	billion	billion	billion

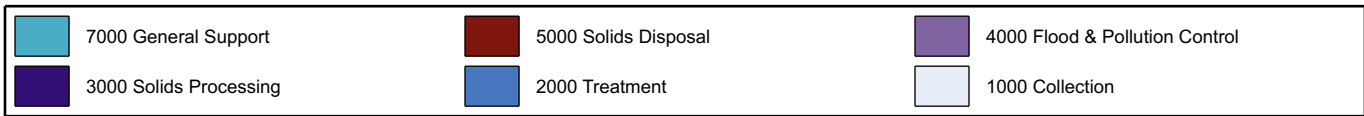
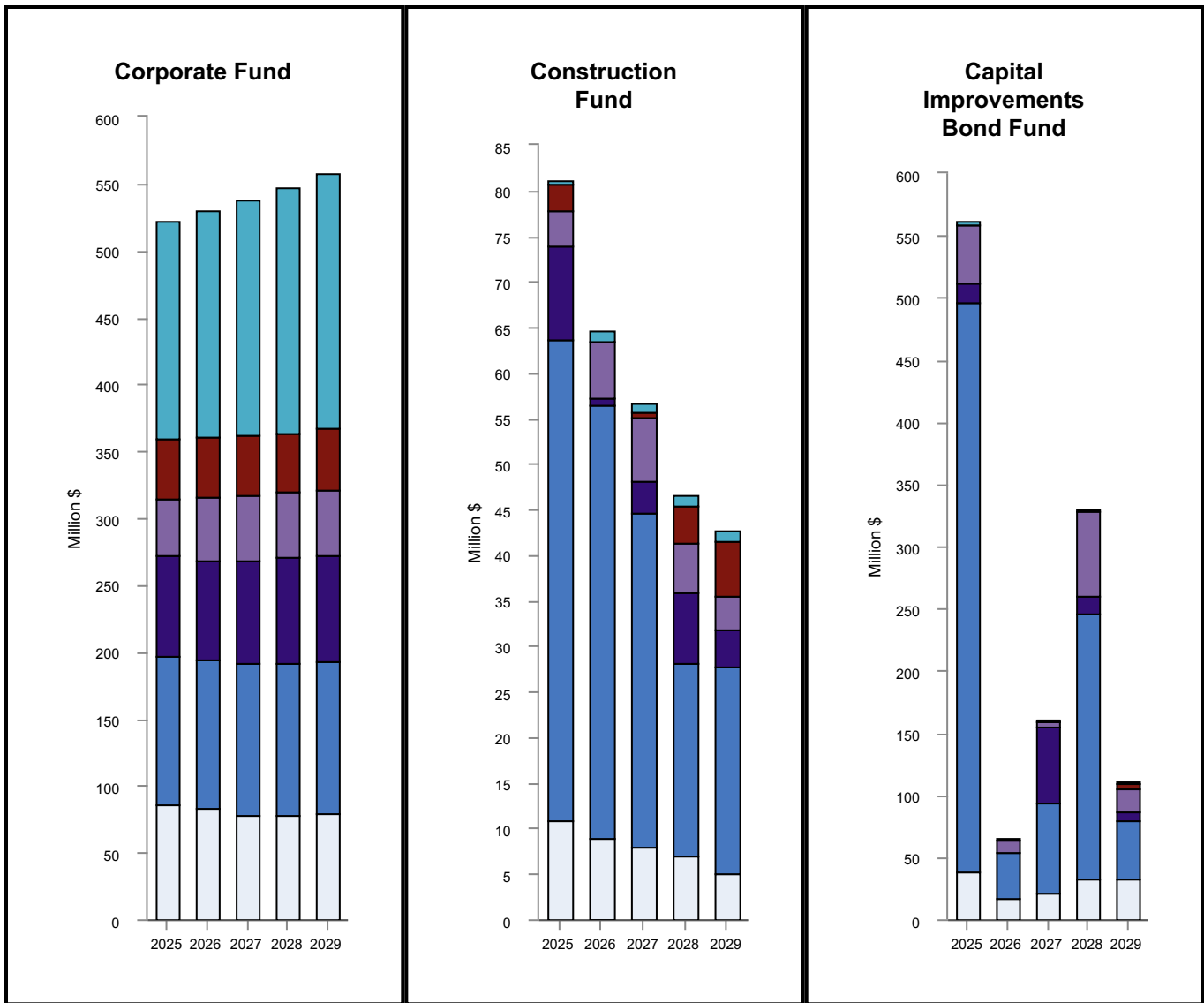
\*\*As part of the plan of financing, tax revenues deposited in the Stormwater Management Fund are transferred to the Bond Redemption and Interest Fund for payment of Alternate Revenue Bonds.

\*\*\*Assumes a 3.5% increase in 2024 and 3.5% increase annually thereafter.

Note: Numbers are rounded.

FIVE-YEAR FINANCIAL FORECAST, 2025 - 2029

APPROPRIATIONS



This set of stacked bar charts is a restatement of each fund's appropriation table. The relatively steady proportions across all programs within the Corporate Fund reflect the District's consistent view of its objectives in the near term. The most significant aspect of the Construction Fund involves increasing its use for smaller pay-as-you-go capital projects administered by the Maintenance & Operations Department. The fluctuations in the Capital Improvements Bond Fund's appropriations represent the award of major projects related to phosphorus removal. The Capital Improvements Bond Fund operates on a full obligation basis and is the only fund where the encumbered appropriations do not lapse at the fiscal year-end.

**FIVE-YEAR FINANCIAL FORECAST, 2025 - 2029**  
 Combined GAAP Balance Sheets - General Corporate Fund  
 (in Thousands)

<b>Assets</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
Cash	\$ 20,475	\$ 20,885	\$ 21,303	\$ 21,729	\$ 22,164
Prepaid Insurance	7,944	8,103	8,265	8,430	8,599
Investments	442,402	451,250	460,275	469,481	478,871
Receivables:					
Property Taxes	318,044	330,162	342,718	355,272	368,906
Less Allowance for Uncollectible Taxes	(11,132)	(11,556)	(11,995)	(12,435)	(12,912)
Net Property Taxes Receivable	306,912	318,606	330,723	342,837	355,994
Personal Property Replacement Tax	77,041	64,595	70,000	70,000	70,000
User Charges	5,255	5,360	5,467	5,576	5,688
Miscellaneous	3,630	3,703	3,777	3,853	3,930
Due from Stormwater Management Fund					
Restricted Deposits					
Inventories	38,745	39,520	40,310	41,116	41,938
<b>Total Assets</b>	<b>\$ 825,363</b>	<b>\$ 847,427</b>	<b>\$ 870,120</b>	<b>\$ 893,022</b>	<b>\$ 917,184</b>
<b>Liabilities and Fund Equity</b>					
<b>Liabilities:</b>					
Deferred Tax Revenue	\$ 266,178	\$ 268,840	\$ 271,528	\$ 274,243	\$ 276,985
Accounts Payable and Other Liabilities	44,941	44,042	43,161	42,298	43,144
<b>Total Liabilities</b>	<b>\$ 311,119</b>	<b>\$ 312,882</b>	<b>\$ 314,689</b>	<b>\$ 316,541</b>	<b>\$ 320,129</b>
<b>Fund Equity:</b>					
Fund Balances					
Prepaid Insurance	\$ 7,944	\$ 8,103	\$ 8,265	\$ 8,430	\$ 8,599
Non-spendable - Inventory	38,745	39,520	40,310	41,116	41,938
Restricted - Working Cash	291,456	297,285	303,231	309,296	315,482
Real Estate Escrow	2,407	2,409	2,412	2,414	2,416
Reserve Claim	49,396	50,384	51,392	52,420	53,468
Deposits					
Unassigned:					
Unassigned	124,296	136,844	149,821	162,805	175,152
<b>Total Fund Equity</b>	<b>\$ 514,244</b>	<b>\$ 534,545</b>	<b>\$ 555,431</b>	<b>\$ 576,481</b>	<b>\$ 597,055</b>
<b>Total Liabilities and Fund Equity</b>	<b>\$ 825,363</b>	<b>\$ 847,427</b>	<b>\$ 870,120</b>	<b>\$ 893,022</b>	<b>\$ 917,184</b>

Note: Totals are rounded.

# SECTION III

## FINANCIAL STATEMENTS BY FUND

In this section, the financial structure of the District is presented with an explanation of the funds used, the accounting basis employed, and the relationships among the various funds. All financial statements, which Illinois Compiled Statutes require to be included in the Budget, are presented in this section. These statements and schedules provide full disclosure of assets and liabilities.

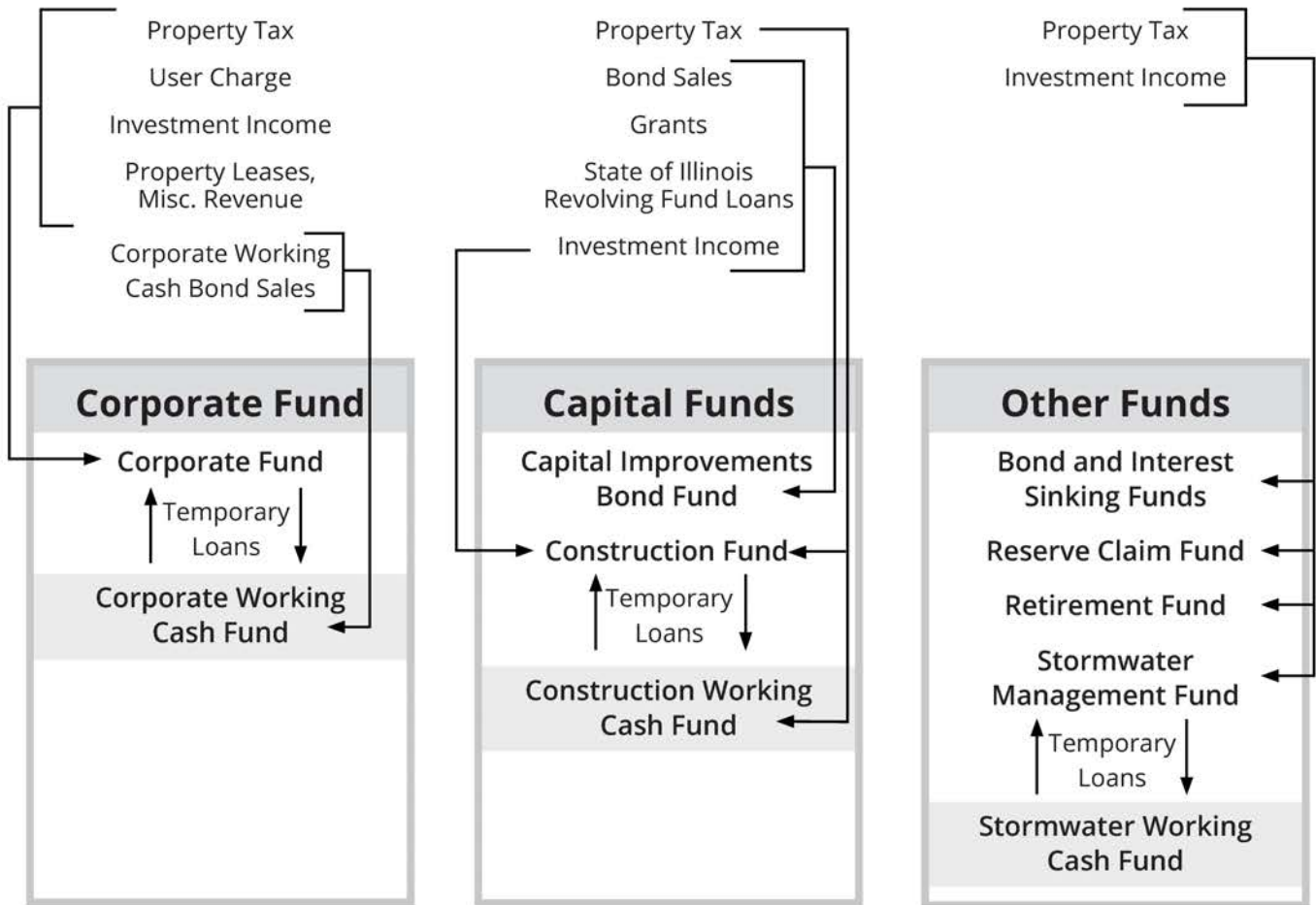
The financial statements are first presented in summary, with an overall financial narrative, then with summary statements of revenue and expenditures for 2023 through the Budget Year 2025. Consolidated statements of taxes receivable, providing historical data on tax levies, are included in this section. A consolidated Appropriation for Liabilities statement is presented, which identifies and provides an appropriation for unpaid bills, contracts, and other liabilities. These liabilities are then subtracted from current assets to determine assets available for appropriation.

Major fund category narratives are presented for the Corporate Fund, Capital Funds, and Other Funds, which discuss revenue sources, trends in revenue and expenditures, fiscal/financial policies, and other elements of these funds. Estimated balance sheets, statements of appropriable revenue, and statements of financial sources are then presented individually for each fund.

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# District's Flow of Funds Structure

## Revenue Sources



## Uses of Funds

General Operational Expenditures

Permanent Facilities  
 Environmental Facilities  
 Stormwater Management Projects  
 Other Capital Expenditures

Principal and Interest on Bond Issues  
 Payments for Claims and Damages  
 Employee Pension Payments  
 Stormwater Management Expenditures

Note: Working Cash can be transferred between other Working Cash Funds.

## FINANCIAL NARRATIVE

### FUND STRUCTURE, PURPOSE, AND ACCOUNTING BASIS

The financial structure of the Metropolitan Water Reclamation District of Greater Chicago (District) is organized on a fund accounting basis. Each statutorily authorized fund maintains a self-balancing set of accounts that are reported separately in their own financial statements. The District's use of funds ensures that public money is spent appropriately and within the amounts authorized. Established funds account for the different types of activities and legal restrictions that are associated with a particular government function. The use of funds and the budgeting, accounting, and auditing that are associated with this type of structure are governed by Illinois Compiled Statutes and Generally Accepted Accounting Principles (GAAP), as determined by the Governmental Accounting Standards Board (GASB).

The District uses the following funds to control its financial activities:

- Corporate
- Capital Improvements Bond
- Construction
- Stormwater Management
- Reserve Claim
- Corporate Working Cash
- Bond Redemption & Interest (Debt Service)
- Construction Working Cash
- Stormwater Working Cash
- Retirement

### BASIS OF BUDGETING AND ACCOUNTING

The budget is prepared using a cash basis of accounting for revenue recognition and an accrual basis for recording expenditures, as prescribed by Illinois Compiled Statutes. Revenues are recognized when received in cash, and expenditures are recorded at the time the liability is incurred, except for principal and interest on long-term debt, compensated absences, claims, judgments, and arbitrage, which are recognized when due and payable.

Encumbrance accounting is used in the budgetary process for all funds. Appropriations lapse at year-end for the Corporate, Stormwater Management, Reserve Claim, Construction, Retirement, and Bond Redemption & Interest Funds. Appropriations for the Capital Improvements Bond Fund use a full encumbrance (obligation) method of budgetary accounting, which means that appropriations lapse at year-end only to the extent of the unencumbered balances. The appropriation for the Capital Improvements Bond Fund is adjusted to carry forward the open value of encumbrances from the prior year.

All the funds in the previous section are defined as governmental-type funds, except for the pension trust fund. For GAAP purposes, the governmental-type funds are accounted for on a spending or "financial flow" measurement focus using the modified accrual basis of accounting, which means that only current assets and liabilities are generally included on the balance sheets. The reported fund balances (net current assets) are considered a measure of "available spendable resources."

The Annual Comprehensive Financial Report of the District is prepared on a GAAP basis. GASB 34 became effective for the 2002 fiscal year and the District complies with all of its provisions. The District is using the modified approach for assessing infrastructure, except for Tunnel and Reservoir Plan (stormwater) deep tunnels and dropshafts, which will be depreciated. The District uses specific accounts to record the repair or preservation of existing capital assets, in addition to the construction of new assets or enhancements of existing capital assets. Inventory is accounted for on the purchase method for budgetary purposes and on the consumption method for GAAP financial reporting.

The District is a special district government created by the State of Illinois. Its powers and authority, regarding revenue sources, are generally restricted to those powers granted by applicable state statutes. The following exhibits, 1 - 6, are derived from the summary of revenue and expenditures found on pages 71 - 74 of the 2025 Budget and similar summaries in prior years' budgets. This section contains a summary of all District funds.

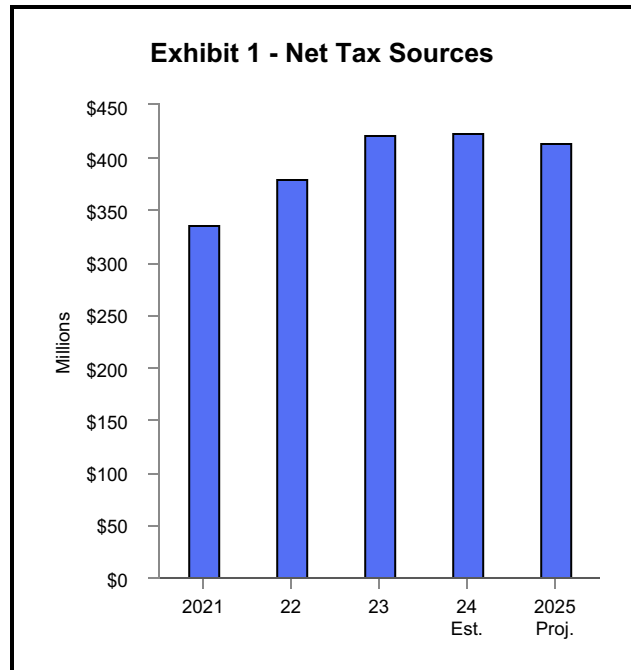
### TAX SOURCES

The main source of revenue for the District is ad valorem property taxes. The District's 2025 property tax levy is \$709.7 million, an increase of \$18.0 million, or 2.6 percent. The authority to levy property taxes for the various funds generally specifies a tax rate limit per hundred dollars of property value, which when applied, yields a maximum amount of money which can be levied or collected against property owners. All District funds, except for the District's Capital Improvements Bond Fund, derive their revenues primarily from property taxes, of which approximately 59.1 percent of the 2025 appropriation is supported by property taxes. Taxes levied in one year are collected in the next year, and Working Cash Funds for the Corporate, Construction, and Stormwater Management Funds provide temporary financing while awaiting property tax receipts. The estimates are detailed on page 79. Net Tax Sources displayed in Exhibit 1 reflect only property tax revenue for the Corporate, Construction, and Stormwater Management Funds. The estimate for uncollectible taxes for 2025 is 3.5 percent, based on an annual review of prior years' tax collections.



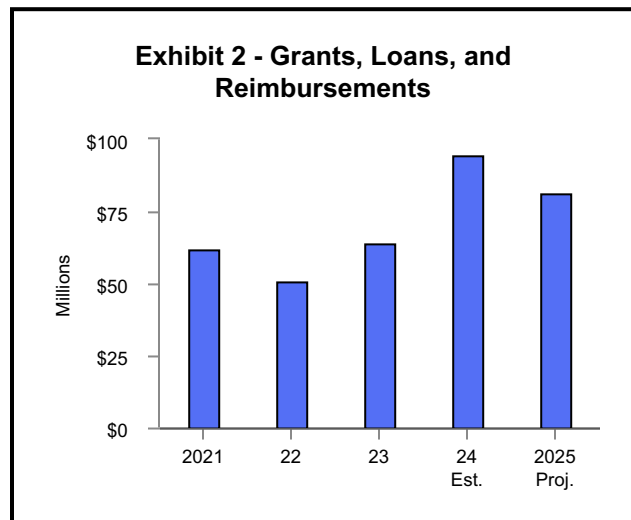
A Personal Property Replacement Tax (PPRT) provides income tax revenue from corporations, partnerships, and the invested capital of public utilities to replace the personal property taxes once received from a tax levy on personal property. PPRT revenue, received directly from the State of Illinois, is estimated at \$66.6 million for 2025, a decrease of \$24.4 million from the 2024 Original Budget, or 26.8 percent. After three years of strong results, PPRT will decrease due to adjustments made by the Illinois Department of Revenue to more accurately estimate future allocations.

Exhibit 1 presents revenue from net tax sources for the years 2021 - 2025. Beginning in 1995, the Illinois Tax Cap laws limit increases in property tax levies in the aggregate to the lesser of 5.0 percent or the change in the national Consumer Price Index (CPI). The 2024 CPI increase is projected to be 2.4 percent for the 2025 levies, while a 1.0 percent increase is projected for new development and newly annexed properties. The 2025 property tax levy subject to the tax cap is a 3.3 percent increase from the 2024 aggregate levy. The Stormwater Management Fund and the payment of bond principal and interest are exempt from the tax cap extension limitations.



**GRANTS, LOANS, AND REIMBURSEMENTS**

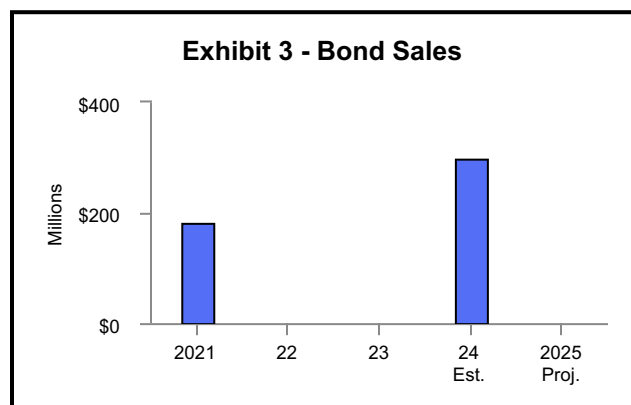
Federal and state grants and loans contribute to finance the District's capital programs. For 2025, \$50.0 million in Wastewater/Stormwater State Revolving Fund (SRF) loan revenue and \$30.9 million in federal and state grants are budgeted to fund capital projects. The District has been successful in obtaining grant funding and will continue to pursue grants for stormwater and other projects. In 2024, the District has been successful in obtaining grants and reimbursements to fund regional and local flood control projects and secured \$10.0 million from the Hazard Mitigation Grant Program for the Addison Creek Channel Improvements project and \$20.0 million from the Army Corps of Engineers as reimbursement for the District's work on the design and construction of the Thornton Composite Reservoir. Exhibit 2 shows the grants, loans, and reimbursements for the years 2021 - 2025. The District anticipates receiving an annual allocation of up to \$50.0 million in SRF loans in each of the next four years.



**BOND SALES**

The District's Capital Improvement Program is financed primarily with SRF loans and general obligation bond sales. Exhibit 3 shows a \$300.0 million bond sale is planned for 2024, including \$250.0 million in Limited General Obligation Bonds and \$50.0 million in Unlimited General Obligation Bonds to fund an aggressive Capital Improvement Program.

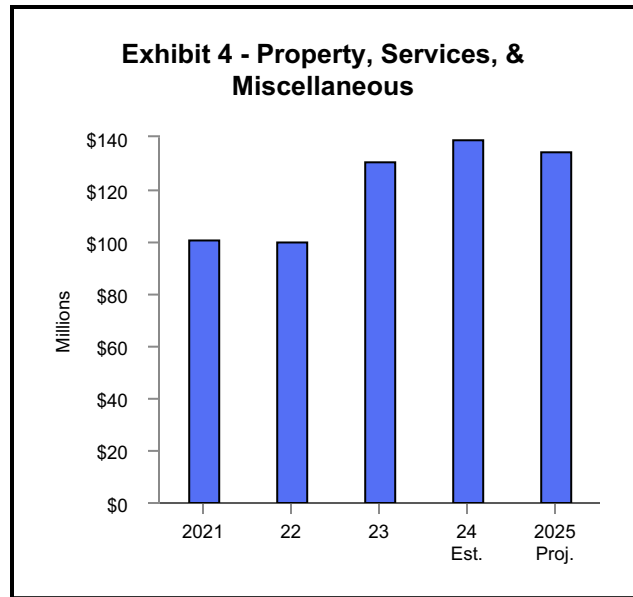
The Capital Funds narrative on page 88 provides a more detailed discussion. The statement of outstanding bonds and statutory debt margin on pages 49 and 50 shows the District's strong position. The Five-Year Financial Forecast on pages 56 and 64 details future bond sale projections.



**PROPERTY, SERVICES, AND MISCELLANEOUS**

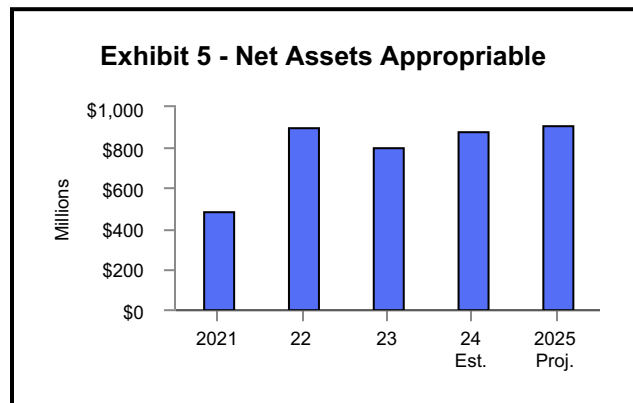
Exhibit 4 summarizes revenue from property, services, and miscellaneous items. A major revenue source is the user charge system, which imposes a surcharge above property tax payments for commercial, industrial, and tax-exempt users of the sewage systems. Estimated User Charge revenues in 2025 are \$37.0 million, an increase of \$1.0 million from the 2024 Budget.

Land rentals, investment income, sewer permit fees, connection impact fees, and other revenues will provide an estimated \$97.7 million in 2025. Estimates for land rental revenues are based on existing and renegotiated leases. Investment income is based on projections of cash flow and interest rates for 2025. Interest rates on short-term securities reflect current market conditions for 2025. Investments are predominately short-term in nature. Sewer permit revenue estimates are based on anticipated projects and 2024 rates. Connection impact fees were established in 1998 to require new service areas to contribute to the past investment in the District’s infrastructure.



**NET ASSETS APPROPRIABLE**

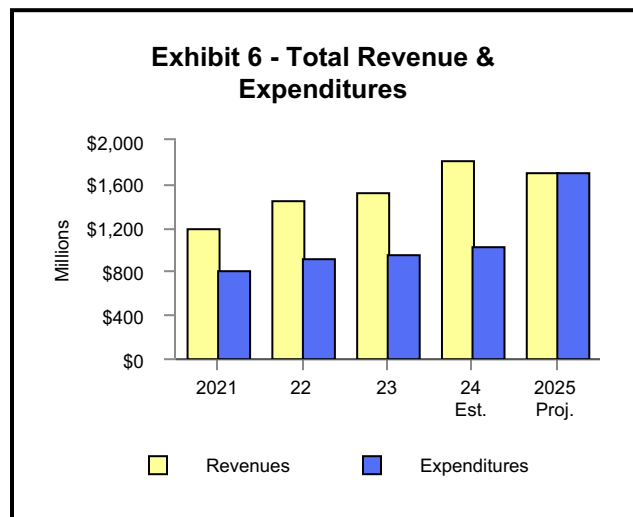
Exhibit 5 shows the trend in net assets appropriable, which is primarily impacted by bond sales, expenditures for capital projects, and the reservation of future years’ principal and interest payments in the debt service funds. Beginning in 2005, a portion of the projected Corporate Fund net assets was left unappropriated to maintain a fiscally sound fund balance. Positive results from 2021 through 2025 are attributed to both over performance of PPRT from 2021 to 2023 and delayed spending in the Corporate Fund which has provided a strong budgetary reserve. Additionally, supply chain delays and contractor demand have impacted capital project expenditures in the capital project funds.



**TOTAL REVENUES AND EXPENDITURES**

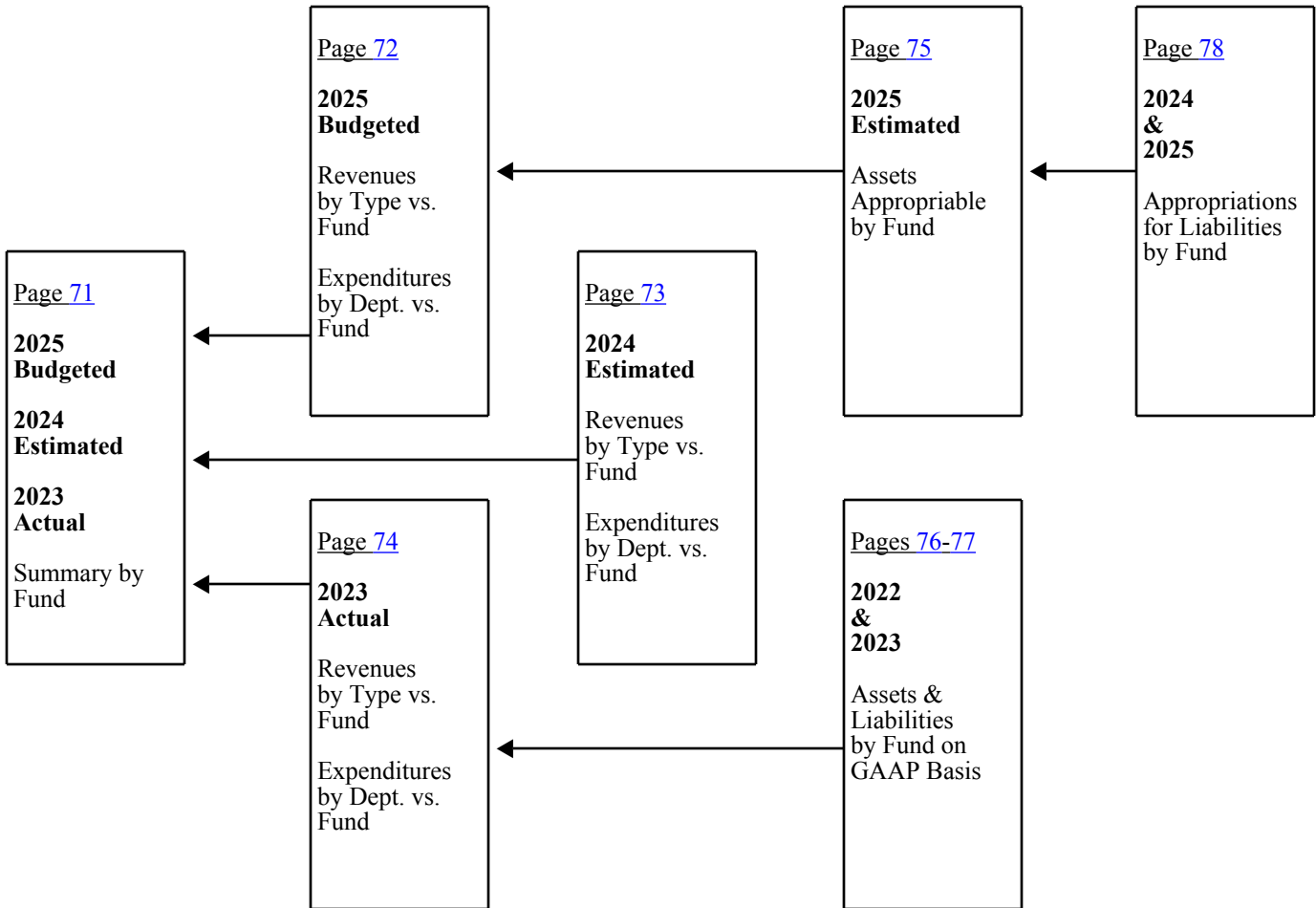
Exhibit 6 displays the relationship between revenues and expenditures. The 2025 Budget includes a \$21.6 million transfer of budgetary reserves and a \$8.4 million from the statutory 2023 Property Tax Levy Adjustment to maintain the Retirement Fund’s funded ratio. Within the Corporate Fund, the 2025 Budget includes capital equipment, technology replacement, studies, and special projects totaling \$15.9 million to match one-time revenues. The budget for biosolids increased by \$7.9 million in 2025 as the District is actively pursuing a biosolids strategy to normalize the biosolids program.

For 2025, a portion of the Corporate Fund projected net assets will remain unappropriated to ensure a fiscally responsible fund balance.



**SUMMARY FINANCIAL STATEMENTS**

Summary financial statements presented on pages 71 - 74 provide comparisons of revenues and expenditures for all funds for the years 2023 - 2025. These statements provide a financial summarization by fund of the 2025 Budget as proposed, the estimated status at 2024 fiscal year-end, and the actual results of operations for fiscal year 2023. The relationships among the pages are diagrammed below.



The table of taxes receivable on page 79 provides detailed data on property tax levies and tax receipts from 2020 to 2024. While 2020 through 2022 show high levels of collection, delayed refunds continue to be processed through the Property Tax Appeal Board and the Circuit Courts. Estimated refunds affecting levy years prior to 2020 are summarized.

Specific details about all revenue sources, assets, liabilities, and appropriable revenue are presented in the various funds' financial narratives and statements on pages 81 - 102.

**ALL FUNDS**  
**SUMMARY OF REVENUE, EXPENDITURES, AND NET ASSETS APPROPRIABLE (b)**  
**2025 BUDGETED, 2024 ESTIMATED, AND 2023 ACTUAL**

(In Thousands)

	FUND							TOTAL
	CORPORATE	CAPITAL IMPROVEMENTS BOND	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT (d)	BOND REDEMPTION & INTEREST (d)	RESERVE CLAIM (d)	
<b>2025 BUDGETED</b>								
Net Assets Appropriable (b)	\$ 252,872.5	\$ 173,857.2	\$ 54,607.9	\$ 60,629.1	\$ 88,736.0	\$ 222,132.0	\$ 54,641.8	\$ 907,476.5
Net Assets Appropriated	\$ 89,882.5	\$ 173,857.2	\$ 54,607.9	\$ 60,629.1	\$ 88,736.0	\$ 222,132.0	\$ 54,641.8	\$ 744,486.5
Revenue	432,412.2	387,067.3	26,473.0	69,985.0	30,000.0	12,489.0	2,645.0	961,071.5
Appropriation	\$ 522,294.7	\$ 560,924.5	\$ 81,080.9	\$ 130,614.1	\$ 118,736.0	\$ 234,621.0	\$ 57,286.8	\$ 1,705,558.0
<b>2024 ESTIMATED</b>								
Beginning Net Assets Appropriable as adjusted (c)	\$ 322,841.1	\$ 99,688.4	\$ 34,907.1	\$ 67,154.6	\$ 86,440.0	\$ 219,561.7	\$ 52,312.8	\$ 882,905.7
Revenue	388,984.8	372,848.0	46,085.0	80,212.1	42,767.3	16,194.0	1,905.2	948,996.4
Adjustment for 2024 receipts (a)	(13,304.7)	—	55.0	(1,251.0)	—	—	—	(14,500.7)
Expenditures	(445,648.7)	(108,163.2)	(26,439.2)	(85,486.6)	(129,207.3)	(235,755.7)	(5,800.0)	(1,036,500.7)
Ending Net Assets Appropriable	\$ 252,872.5	\$ 364,373.2	\$ 54,607.9	\$ 60,629.1	\$ —	\$ —	\$ 48,418.0	\$ 780,900.7
<b>2023 ACTUAL</b>								
Beginning Net Assets Appropriable as adjusted (c)	\$ 237,469.7	\$ 140,236.0	\$ 12,268.6	\$ 52,138.0	\$ 87,915.0	\$ 223,855.6	\$ 46,155.0	\$ 800,037.9
Revenue	495,864.4	63,472.0	44,554.0	71,976.8	30,000.0	14,209.1	2,178.8	722,255.1
Expenditures	(410,493.0)	(104,019.6)	(21,915.5)	(56,960.2)	(117,915.0)	(238,064.8)	(3,110.7)	(952,478.8)
Ending Net Assets Appropriable	\$ 322,841.1	\$ 99,688.4	\$ 34,907.1	\$ 67,154.6	\$ —	\$ —	\$ 45,223.0	\$ 569,814.2
Adjusted NAA 1/1/2024	\$ 309,536.4		\$ 34,962.1	\$ 65,903.6				
Adjustment (a)	\$ (13,304.7)		\$ 55.0	\$ (1,251.0)				

(a) Adjustment to NAA required due to current 2024 estimate on collection of property tax levies and PPRT. See the Balance Sheets and Appropriable Revenue statements 01/01/2024 for the Corporate (pages 84 - 85), Construction (pages 92 - 93), and Stormwater Management (pages 95 - 96) Funds. The adjustment is reflected in the 2024 revenues.

(b) This statement is a summary presentation of pages 67 - 69, separating current revenue and NAA from the revenue category. 2025 Net Assets Appropriable includes prior year uncollected property taxes.

(c) Ending NAA for one year are revised for accounting adjustments, equity transfers, and changes in the amount of designations to establish beginning net assets for the next year.

(d) Revenue for the Retirement, Bond Redemption & Interest, and Reserve Claim Funds does not include the current year tax levies, which are reflected in the next year's NAA.

**ALL FUNDS  
SUMMARY OF REVENUE AND EXPENDITURES  
2025 BUDGETED**

(In Thousands)

	FUND							TOTAL
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	
<b>REVENUE</b>								
Net Assets Appropriable (a)	\$ 252,872.5	\$ 173,857.2	\$ 54,607.9	\$ 60,629.1	\$ 88,736.0	\$ 222,132.0	\$ 54,641.8	\$ 907,476.5
Reserve for Transfer to Retirement Fund	(21,643.0)	—	—	—	21,643.0	—	—	—
2022 Levy Adjustment to Retirement Fund	(8,357.0)	—	—	—	8,357.0	—	—	—
Budget Reserve	(132,990.0)	—	—	—	—	—	—	(132,990.0)
Net Property Taxes	299,675.0	—	6,755.0	60,312.5	—	—	—	366,742.5
Personal Property Replacement Tax	29,595.3	—	18,000.0	—	—	—	—	47,595.3
Working Cash Borrowings Adjustment	(6,170.3)	—	(105.0)	(937.5)	—	—	—	(7,212.8)
Bond Sales (Present & Future)	—	308,340.3	—	—	—	—	—	308,340.3
Reimbursements	—	—	—	—	—	—	—	—
Grants (Federal & State)	1,908.2	12,000.0	—	17,025.0	—	—	—	30,933.2
Investment Income	14,000.0	14,727.0	1,813.0	2,114.0	—	2,960.0	2,645.0	38,259.0
State Revolving Fund Loans	—	50,000.0	—	—	—	—	—	50,000.0
Property & Services	31,500.0	—	—	1,000.0	—	—	—	32,500.0
User Charge	37,000.0	—	—	—	—	—	—	37,000.0
TIF Differential Fee & Impact Fee	17,000.0	—	—	—	—	—	—	17,000.0
Equity Transfer for Stormwater Bond Payment	—	—	—	(9,529.0)	—	9,529.0	—	—
Resource Recovery	300.0	—	—	—	—	—	—	300.0
Miscellaneous	7,604.0	2,000.0	10.0	—	—	—	—	9,614.0
<b>TOTAL REVENUE</b>	<b>\$ 522,294.7</b>	<b>\$ 560,924.5</b>	<b>\$ 81,080.9</b>	<b>\$ 130,614.1</b>	<b>\$ 118,736.0</b>	<b>\$ 234,621.0</b>	<b>\$ 57,286.8</b>	<b>\$ 1,705,558.0</b>
<b>EXPENDITURES</b>								
Board of Commissioners	\$ 5,756.9	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 5,756.9
General Administration	26,931.5	—	—	—	—	—	—	26,931.5
Monitoring & Research	34,505.4	—	—	—	—	—	—	34,505.4
Procurement & Materials Mgmt.	11,530.1	—	—	—	—	—	—	11,530.1
Human Resources	70,503.8	—	—	—	—	—	—	70,503.8
Information Technology	27,491.6	—	—	—	—	—	—	27,491.6
Law	8,712.6	—	—	—	—	—	—	8,712.6
Finance	4,400.1	—	—	—	—	—	—	4,400.1
Engineering	39,170.8	560,924.5	81,080.9	—	—	—	—	681,176.2
Maintenance & Operations	293,291.9	—	—	—	—	—	—	293,291.9
Stormwater Management Fund	—	—	—	130,614.1	—	—	—	130,614.1
Retirement Fund	—	—	—	—	118,736.0	—	—	118,736.0
Bond Redemption & Interest Fund	—	—	—	—	—	234,621.0	—	234,621.0
Reserve Claim Fund	—	—	—	—	—	—	57,286.8	57,286.8
<b>TOTAL EXPENDITURES</b>	<b>\$ 522,294.7</b>	<b>\$ 560,924.5</b>	<b>\$ 81,080.9</b>	<b>\$ 130,614.1</b>	<b>\$ 118,736.0</b>	<b>\$ 234,621.0</b>	<b>\$ 57,286.8</b>	<b>\$ 1,705,558.0</b>

(a) 2025 Net Assets Appropriable includes prior year uncollected property taxes.

\* The Capital Improvements Bond Fund is budgeted on an "obligation" basis, which records expenditures in the year in which the contracts are awarded.

**ALL FUNDS  
SUMMARY OF REVENUE AND EXPENDITURES  
2024 ESTIMATED**

(In Thousands)

	FUND							
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	TOTAL
<b>REVENUE</b>								
Net Assets Appropriable	\$ 322,841.1	\$ 99,688.4	\$ 34,907.1	\$ 67,154.6	\$ 86,440.0	\$ 219,561.7	\$ 52,312.8	\$ 882,905.7
Reserve for Transfer to Retirement Fund	(31,500.0)	—	—	—	31,500.0	—	—	—
Adjustment for Receipts	(13,304.7)	—	55.0	(1,251.0)	—	—	—	(14,500.7)
Net Property Taxes	289,053.2	—	6,755.0	55,487.5	—	—	—	351,295.7
Personal Property Replacement Tax	47,445.3	—	25,000.0	—	—	—	—	72,445.3
Working Cash Borrowings Adjustment	(6,898.5)	—	(105.0)	(862.5)	—	—	—	(7,866.0)
Bond Sales (Present & Future)	—	300,000.0	—	—	—	—	—	300,000.0
Reimbursements	—	—	—	20,000.0	—	—	—	20,000.0
Grants (Federal & State)	773.7	12,000.0	—	11,400.1	—	—	—	24,173.8
Investment Income	14,300.0	8,848.0	2,427.0	2,817.0	—	6,664.0	1,900.0	36,956.0
State Revolving Fund Loans	—	50,000.0	—	—	—	—	—	50,000.0
Property & Services	32,575.0	—	—	900.0	—	—	—	33,475.0
User Charge	37,000.0	—	—	—	—	—	—	37,000.0
TIF Differential Fee & Impact Fee	11,000.0	—	12,000.0	—	—	—	—	23,000.0
Equity Transfer for Stormwater Bond Payment	—	—	—	(9,530.0)	—	9,530.0	—	—
Equity Transfer to Bond & Interest Fund	—	—	—	—	—	—	—	—
Resource Recovery	500.0	—	—	—	—	—	—	500.0
Miscellaneous	6,003.4	2,000.0	8.0	—	—	—	5.2	8,016.6
<b>TOTAL REVENUE</b>	<b>\$ 709,788.5</b>	<b>\$ 472,536.4</b>	<b>\$ 81,047.1</b>	<b>\$ 146,115.7</b>	<b>\$ 117,940.0</b>	<b>\$ 235,755.7</b>	<b>\$ 54,218.0</b>	<b>\$ 1,817,401.4</b>
<b>EXPENDITURES</b>								
Board of Commissioners	\$ 4,933.4	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,933.4
General Administration	19,728.4	—	—	—	—	—	—	19,728.4
Monitoring & Research	32,039.3	—	—	—	—	—	—	32,039.3
Procurement & Materials Mgmt.	10,253.1	—	—	—	—	—	—	10,253.1
Human Resources	58,128.8	—	—	—	—	—	—	58,128.8
Information Technology	20,821.5	—	—	—	—	—	—	20,821.5
Law	7,837.2	—	—	—	—	—	—	7,837.2
Finance	4,001.4	—	—	—	—	—	—	4,001.4
Engineering	27,512.3	108,163.2	26,439.2	—	—	—	—	162,114.7
Maintenance & Operations	260,393.3	—	—	—	—	—	—	260,393.3
Stormwater Management Fund	—	—	—	85,486.6	—	—	—	85,486.6
Retirement Fund	—	—	—	—	129,207.3	—	—	129,207.3
Bond Redemption & Interest Fund	—	—	—	—	—	235,755.7	—	235,755.7
Reserve Claim Fund	—	—	—	—	—	—	5,800.0	5,800.0
<b>TOTAL EXPENDITURES</b>	<b>\$ 445,648.7</b>	<b>\$ 108,163.2</b>	<b>\$ 26,439.2</b>	<b>\$ 85,486.6</b>	<b>\$ 129,207.3</b>	<b>\$ 235,755.7</b>	<b>\$ 5,800.0</b>	<b>\$ 1,036,500.7</b>

\* The Capital Improvements Bond Fund is budgeted on an "obligation" basis, which records expenditures in the period in which the contracts or grants are awarded.



**ALL FUNDS**  
**SUMMARY OF REVENUE AND EXPENDITURES**  
**2023 ACTUAL**  
(In Thousands)

	FUND							
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	TOTAL
<b>REVENUE</b>								
Net Assets Appropriable	\$ 237,469.7	\$ 140,236.0	\$ 12,268.6	\$ 52,138.0	\$ 87,915.0	\$ 223,855.6	\$ 46,155.0	\$ 800,037.9
Reserve for Transfer to Retirement Fund	(30,000.0)	—	—	—	30,000.0	—	—	—
Adjustment for Receipts	93,876.5	—	1,648.0	18,068.4	—	—	—	113,592.9
Net Property Taxes	282,648.5	—	6,755.0	50,662.5	—	—	—	340,066.0
Personal Property Replacement Tax	56,925.4	—	25,000.0	—	—	—	—	81,925.4
Working Cash Borrowings Adjustment	(7,273.9)	—	(55.0)	(787.5)	—	—	—	(8,116.4)
Bond Sales	—	—	—	—	—	—	—	—
Reimbursements	—	—	—	7,200.0	—	—	—	7,200.0
Grants (Federal & State)	117.6	19,579.1	—	2,350.0	—	—	—	22,046.7
Investment Income	12,595.3	6,397.0	1,702.9	3,189.1	—	4,569.6	2,175.4	30,629.3
State Revolving Fund Loans	—	34,716.3	—	—	—	—	—	34,716.3
Property & Services	31,004.7	—	—	798.7	—	—	—	31,803.4
User Charge	38,536.9	—	—	—	—	—	—	38,536.9
TIF Differential Fee & Impact Fee	12,272.7	—	9,500.0	—	—	—	—	21,772.7
Equity Transfer for Stormwater Bond Payment	—	—	—	(9,530.8)	—	9,530.8	—	—
Resource Recovery	356.8	—	—	—	—	—	—	356.8
Miscellaneous	4,803.9	2,779.6	3.2	26.3	—	108.7	3.4	7,725.1
<b>TOTAL REVENUE</b>	<b>\$ 733,334.1</b>	<b>\$ 203,708.0</b>	<b>\$ 56,822.7</b>	<b>\$ 124,114.7</b>	<b>\$ 117,915.0</b>	<b>\$ 238,064.7</b>	<b>\$ 48,333.8</b>	<b>\$ 1,522,293.0</b>
<b>EXPENDITURES</b>								
Board of Commissioners	\$ 4,673.5	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,673.5
General Administration	19,541.0	—	—	—	—	—	—	19,541.0
Monitoring & Research	31,289.1	—	—	—	—	—	—	31,289.1
Procurement & Materials Mgmt.	9,866.2	—	—	—	—	—	—	9,866.2
Human Resources	57,914.7	—	—	—	—	—	—	57,914.7
Information Technology	19,855.2	—	—	—	—	—	—	19,855.2
Law	7,080.8	—	—	—	—	—	—	7,080.8
Finance	3,846.4	—	—	—	—	—	—	3,846.4
Engineering	23,551.3	104,019.6	21,915.5	—	—	—	—	149,486.4
Maintenance & Operations	232,874.7	—	—	—	—	—	—	232,874.7
Stormwater Management Fund	—	—	—	56,960.2	—	—	—	56,960.2
Retirement Fund	—	—	—	—	117,915.0	—	—	117,915.0
Bond Redemption & Interest Fund	—	—	—	—	—	238,064.8	—	238,064.8
Reserve Claim Fund	—	—	—	—	—	—	3,110.7	3,110.7
<b>TOTAL EXPENDITURES</b>	<b>\$ 410,493.0</b>	<b>\$ 104,019.6</b>	<b>\$ 21,915.5</b>	<b>\$ 56,960.2</b>	<b>\$ 117,915.0</b>	<b>\$ 238,064.8</b>	<b>\$ 3,110.7</b>	<b>\$ 952,478.8</b>

\* The Capital Improvements Bond Fund is budgeted on an "obligation" basis which records expenditures in the period in which the contracts or grants are awarded.

**SUMMARY OF ESTIMATED ASSETS APPROPRIABLE FOR THE CORPORATE, CAPITAL IMPROVEMENTS BOND, RETIREMENT, CONSTRUCTION, STORMWATER MANAGEMENT, BOND REDEMPTION & INTEREST, AND RESERVE CLAIM FUNDS FOR THE YEAR 2025**

DESCRIPTION	FUND							
	CORPORATE	CAPITAL IMPROVEMENTS BOND	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	TOTAL
2025 Revenue	\$ 432,412,200	\$ 387,067,331	\$ 26,473,000	\$ 79,514,000	\$ —	\$ 2,960,000	\$ 2,645,000	\$ 931,071,531
Resources Available at 01/01/2025 (a)	624,894,423	534,699,461	63,310,935	125,259,100	88,736,000	378,245,713	55,791,800	1,870,937,432
Total Resources	\$1,057,306,623	\$ 921,766,792	\$ 89,783,935	\$ 204,773,100	\$ 88,736,000	\$381,205,713	\$ 58,436,800	\$ 2,802,008,963
Liabilities and Designations at 01/01/2025	(372,021,900)	(360,842,292)	(8,703,035)	(64,630,000)	—	(156,113,739)*	(1,150,000)	(963,460,966)
Equity Transfer	(30,000,000)	—	—	(9,529,000)	30,000,000	9,529,000	—	—
Budget Reserve	(132,990,023)	—	—	—	—	—	—	(132,990,023)
<b>ASSETS APPROPRIABLE</b>	<b>\$ 522,294,700</b>	<b>\$ 560,924,500</b>	<b>\$ 81,080,900</b>	<b>\$ 130,614,100</b>	<b>\$118,736,000</b>	<b>\$234,620,974</b>	<b>\$ 57,286,800</b>	<b>\$ 1,705,557,974</b>

\* Liabilities for the Bond Redemption & Interest Fund are for future Years' Principal and Interest.  
 (a) Resources Available includes prior year uncollected property taxes.

**GAAP Basis Statement From 2023 Annual Comprehensive Financial Report - Exhibit A-1**  
**Governmental Funds Balance Sheets / Statements of Net Position**

December 31, 2023 (with comparative amounts for prior year)

<i>Metropolitan Water Reclamation District of Greater Chicago</i>						
<i>(in thousands of dollars)</i>	<b>General Corporate Fund</b>		<b>Debt Service Fund</b>		<b>Capital Improvements Bond Funds</b>	
	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>	<b>2023</b>	<b>2022</b>
	<b>Assets and deferred outflows of resources</b>					
<b>Assets:</b>						
Cash	\$ 10,139	\$ 19,860	\$ 3,582	\$ 7,064	\$ 7,077	\$ 20,941
Certificates of deposit	9,541	24,348	—	—	13,111	1,802
Investments (note 4)	425,223	300,868	101,512	36,281	254,216	280,148
Prepaid expenses	7,635	7,177	—	—	—	—
Taxes receivable, net (note 5)	294,311	345,711	232,813	284,251	—	—
Lease receivable (note 14)	341,602	333,054	—	—	—	—
Other receivables, net (note 5)	8,540	3,299	—	—	8,463	9,278
Due from other funds (note 12)	402	371	—	—	—	—
Restricted deposits	323	318	—	—	22,200	29,764
Inventories	37,240	36,274	—	—	—	—
Capital assets not being depreciated/amortized (note 6)	—	—	—	—	—	—
Capital assets being depreciated/amortized, net (note 6)	—	—	—	—	—	—
Total assets	<u>1,134,956</u>	<u>1,071,280</u>	<u>337,907</u>	<u>327,596</u>	<u>305,067</u>	<u>341,933</u>
<b>Deferred outflows of resources:</b>						
Loss on prior debt refunding	—	—	—	—	—	—
Deferred outflows for pension and OPEB related amounts	—	—	—	—	—	—
Total deferred outflows of resources	—	—	—	—	—	—
Total assets and deferred outflows of resources	<u>\$ 1,134,956</u>	<u>\$ 1,071,280</u>	<u>\$ 337,907</u>	<u>\$ 327,596</u>	<u>\$ 305,067</u>	<u>\$ 341,933</u>
<b>Liabilities, deferred inflows of resources, and fund balances/net position</b>						
<b>Liabilities:</b>						
Accounts payable and other liabilities (note 5)	\$ 44,256	\$ 39,693	\$ —	\$ —	\$ 22,047	\$ 21,332
Due to Pension Trust Fund (note 12)	—	—	—	—	—	—
Due to other funds (note 12)	—	—	—	—	—	—
Accrued interest payable	—	—	—	—	—	—
Unearned revenue	2,538	2,375	—	—	22,199	29,764
Long-term liabilities: (note 11)						
Due within one year	—	—	—	—	—	—
Due in more than one year	—	—	—	—	—	—
Total liabilities	<u>46,794</u>	<u>42,068</u>	<u>—</u>	<u>—</u>	<u>44,246</u>	<u>51,096</u>
<b>Deferred inflows of resources:</b>						
Unavailable tax revenue (note 5)	260,934	281,781	206,402	230,677	—	—
Deferred inflows related to leases	337,129	329,230	—	—	—	—
Other unavailable revenue (note 5)	—	—	—	—	953	953
Deferred inflows for pension and OPEB related amounts	—	—	—	—	—	—
Total deferred inflows of resources	<u>598,063</u>	<u>611,011</u>	<u>206,402</u>	<u>230,677</u>	<u>953</u>	<u>953</u>
<b>Fund balances:</b>						
Nonspendable (note 1r.)	44,875	43,451	—	—	—	—
Restricted for (note 1r.)	327,938	317,567	131,505	96,919	93,134	133,565
Assigned	—	—	—	—	166,734	156,319
Unassigned	117,286	57,183	—	—	—	—
Total fund balances	<u>490,099</u>	<u>418,201</u>	<u>131,505</u>	<u>96,919</u>	<u>259,868</u>	<u>289,884</u>
Total liabilities, deferred inflows, and fund balances	<u>\$ 1,134,956</u>	<u>\$ 1,071,280</u>	<u>\$ 337,907</u>	<u>\$ 327,596</u>	<u>\$ 305,067</u>	<u>\$ 341,933</u>
<b>Net position:</b>						
Net investment in capital assets						
Restricted for corporate working cash						
Restricted for reserve claim						
Restricted for debt service						
Restricted for capital projects						
Restricted for construction working cash						
Restricted for stormwater working cash						
Unrestricted (Deficit)						
Total net position						

See accompanying notes to the basic financial statements.

**GAAP Basis Statement From 2023 Annual Comprehensive Financial Report - Exhibit A-1  
Governmental Funds Balance Sheets / Statements of Net Position**

December 31, 2023 (with comparative amounts for prior year)

Metropolitan Water Reclamation District of Greater Chicago									
Retirement Fund		Other Governmental / Nonmajor Funds		Total Governmental Funds		Adjustments (Note 2a)		Statements of Net Position	
2023	2022	2023	2022	2023	2022	2023	2022	2023	2022
\$ —	\$ —	\$ 11,736	\$ 3,867	\$ 32,534	\$ 51,732	\$ —	\$ —	\$ 32,534	\$ 51,732
—	—	3,565	21,316	26,217	47,466	—	—	26,217	47,466
—	—	115,393	62,974	896,344	680,271	—	—	896,344	680,271
—	—	1,085	4	8,720	7,181	—	—	8,720	7,181
81,454	104,128	58,364	76,010	666,942	810,100	—	—	666,942	810,100
—	—	—	—	341,602	333,054	—	—	341,602	333,054
—	—	861	795	17,864	13,372	—	—	17,864	13,372
—	—	—	—	402	371	(402)	(371)	—	—
—	—	—	—	22,523	30,082	—	—	22,523	30,082
—	—	—	—	37,240	36,274	—	—	37,240	36,274
—	—	—	—	—	—	6,174,619	6,232,484	6,174,619	6,232,484
—	—	—	—	—	—	1,612,946	1,648,843	1,612,946	1,648,843
<u>81,454</u>	<u>104,128</u>	<u>191,004</u>	<u>164,966</u>	<u>2,050,388</u>	<u>2,009,903</u>	<u>7,787,163</u>	<u>7,880,956</u>	<u>9,837,551</u>	<u>9,890,859</u>
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	405,360	186,004	405,360	186,004
—	—	—	—	—	—	405,360	186,004	405,360	186,004
<u>\$ 81,454</u>	<u>\$ 104,128</u>	<u>\$ 191,004</u>	<u>\$ 164,966</u>	<u>\$ 2,050,388</u>	<u>\$ 2,009,903</u>	<u>\$ 8,192,523</u>	<u>\$ 8,066,960</u>	<u>\$10,242,911</u>	<u>\$10,076,863</u>
\$ —	\$ —	\$ 16,903	\$ 13,422	\$ 83,206	\$ 74,447	\$ —	\$ —	\$ 83,206	\$ 74,447
19,909	34,596	—	—	19,909	34,596	114,593	69,081	134,502	103,677
—	—	402	371	402	371	(402)	(371)	—	—
—	—	—	—	—	—	14,532	15,406	14,532	15,406
—	—	—	—	24,737	32,139	—	—	24,737	32,139
—	—	—	—	—	—	162,920	185,062	162,920	185,062
—	—	—	—	—	—	4,067,989	3,759,919	4,067,989	3,759,919
<u>19,909</u>	<u>34,596</u>	<u>17,305</u>	<u>13,793</u>	<u>128,254</u>	<u>141,553</u>	<u>4,359,632</u>	<u>4,029,097</u>	<u>4,487,886</u>	<u>4,170,650</u>
61,545	69,532	51,753	62,654	580,634	644,644	(580,634)	(644,644)	—	—
—	—	—	—	337,129	329,230	—	—	337,129	329,230
—	—	—	—	953	953	(953)	(953)	—	—
—	—	—	—	—	—	27,201	172,451	27,201	172,451
<u>61,545</u>	<u>69,532</u>	<u>51,753</u>	<u>62,654</u>	<u>918,716</u>	<u>974,827</u>	<u>(554,386)</u>	<u>(473,146)</u>	<u>364,330</u>	<u>501,681</u>
—	—	1,085	4	45,960	43,455	(45,960)	(43,455)	—	—
—	—	120,861	88,515	673,438	636,566	(673,438)	(636,566)	—	—
—	—	—	—	166,734	156,319	(166,734)	(156,319)	—	—
—	—	—	—	117,286	57,183	(117,286)	(57,183)	—	—
—	—	121,946	88,519	1,003,418	893,523	(1,003,418)	(893,523)	—	—
<u>\$ 81,454</u>	<u>\$ 104,128</u>	<u>\$ 191,004</u>	<u>\$ 164,966</u>	<u>\$ 2,050,388</u>	<u>\$ 2,009,903</u>				
Net position:									
Net investment in capital assets						5,290,863	5,275,501	5,290,863	5,275,501
Restricted for corporate working cash						280,138	276,836	280,138	276,836
Restricted for reserve claim						35,045	26,597	35,045	26,597
Restricted for debt service						323,375	312,190	323,375	312,190
Restricted for capital projects						126,099	103,098	126,099	103,098
Restricted for construction working cash						22,277	21,742	22,277	21,742
Restricted for stormwater working cash						37,222	36,863	37,222	36,863
Unrestricted (Deficit)						(724,324)	(674,370)	(724,324)	(674,370)
Total net position						<u>\$ 5,390,695</u>	<u>\$ 5,378,457</u>	<u>\$ 5,390,695</u>	<u>\$ 5,378,457</u>

Notes reference the 2023 Annual Comprehensive Financial Report of the District - Available on the internet at [mwr.org](http://mwr.org).

**APPROPRIATION FOR LIABILITIES - BY FUND**  
**JANUARY 1, 2025 AND 2024**

<b>CORPORATE FUND</b>	<b>2025</b>	<b>2024</b>
Unpaid Bills:		
Accrued Salaries & Wages	\$ 8,505,700	\$ 2,419,650
Security & Bid Deposits	4,507,300	1,692,100
Payroll Withholding & Miscellaneous	613,900	588,000
Contractual Services	28,795,000	10,077,000
Due to Corporate Working Cash Fund	329,600,000	332,300,000
<b>Total Liabilities of Corporate Fund</b>	<b>\$ 372,021,900</b>	<b>\$ 347,076,750</b>
<b>CONSTRUCTION FUND</b>		
Unpaid Bills:		
Contracts Payable	\$ 1,182,000	\$ 3,015,350
Contractual Services	871,035	700,000
Due to Construction Working Cash Fund	6,650,000	30,400,000
<b>Total Liabilities of Construction Fund</b>	<b>\$ 8,703,035</b>	<b>\$ 34,115,350</b>
<b>CAPITAL IMPROVEMENTS BOND FUND</b>		
Unpaid Bills:		
Contractual Services	\$ 10,500,000	\$ 15,500,000
Contracts Payable	171,511,612	250,435,600
<b>Total Liabilities of Capital Improvements Bond Fund</b>	<b>\$ 182,011,612</b>	<b>\$ 265,935,600</b>
<b>RESERVE CLAIM FUND</b>		
Accounts Payable & Other Liabilities	\$ 1,150,000	\$ 1,152,998
<b>BOND REDEMPTION &amp; INTEREST FUND</b>		
Future Payment of Principal & Interest	\$ 156,113,739	\$ 136,262,121
<b>STORMWATER MANAGEMENT FUND</b>		
Accrued Salaries & Wages	\$ —	\$ —
Vouchers Payable	8,745,000	2,524,980
Contracts Payable	1,260,000	499,103
Due to Stormwater Working Cash Fund	54,625,000	49,875,000
<b>Total Liabilities of Stormwater Management Fund</b>	<b>\$ 64,630,000</b>	<b>\$ 52,899,084</b>
<b>TOTAL LIABILITIES JANUARY 1, 2025 AND 2024</b>	<b>\$ 784,630,286</b>	<b>\$ 837,441,903</b>

**STATEMENT OF TAXES RECEIVABLE FOR 2024 AND PRIOR YEARS AT JANUARY 1, 2025  
INCLUDING THE ESTIMATED COLLECTIONS FOR THE YEAR 2025**

YEAR FUND	TAX EXTENSION	COLLECTED THRU 12/31/24	%	UNCOLLECTED AT 12/31/24	RESERVE \$	%	ESTIMATED NET TAXES RECEIVABLE	CASH ESTIMATED IN 2025
<b>2024</b>								
Corporate	\$ 299,537,000	\$ —	— %	\$ 299,537,000	\$ 10,483,795	3.5 %	\$ 289,053,205	\$ 289,053,205
Bond Redemption & Interest	247,415,340	—	— %	247,415,340	8,659,537	3.5 %	238,755,803	241,229,957
Retirement	72,726,700	—	— %	72,726,700	2,545,435	3.5 %	70,181,300	70,181,300
Construction	7,000,000	—	— %	7,000,000	245,000	3.5 %	6,755,000	6,825,000
Stormwater Management	57,500,000	—	— %	57,500,000	2,012,500	3.5 %	55,487,500	56,062,500
Reserve Claim	7,500,000	—	— %	7,500,000	262,500	3.5 %	7,237,500	7,312,500
Total	\$ 691,679,040	\$ —	— %	\$ 691,679,040	\$ 24,208,766	3.5 %	\$ 667,470,308	\$ 670,664,462
<b>2023</b>								
Corporate	\$ 292,761,841	\$ 274,774,294	93.9 %	\$ 17,987,547	\$ 10,246,664	3.5 %	\$ 7,740,883	\$ 7,663,474
Bond Redemption & Interest	236,178,027	221,667,040	93.9 %	14,510,987	8,266,231	3.5 %	6,244,757	6,182,309
Retirement	70,845,000	66,492,220	93.9 %	4,352,780	2,479,575	3.5 %	—	—
Construction	7,000,000	6,569,914	93.9 %	430,086	245,000	3.5 %	185,086	183,235
Stormwater Management	52,500,000	49,274,353	93.9 %	3,225,647	1,837,500	3.5 %	1,388,147	1,374,265
Reserve Claim	7,500,000	7,039,193	93.9 %	460,807	262,500	3.5 %	198,307	196,324
Levy Adjust. PA 102-0519	8,356,975	7,843,515	93.9 %	513,460	—	— %	513,460	508,325
Total	\$ 675,141,843	\$ 633,660,529	93.9 %	\$ 41,481,314	\$ 23,337,470	3.5 %	\$ 16,270,639	\$ 16,107,932
<b>2022</b>								
Corporate	\$ 284,556,152	\$ 280,187,635	98.5 %	\$ 4,368,517	\$ 9,959,465	3.5 %	—	\$ (1,991,893)
Bond Redemption & Interest	239,055,810	235,385,816	98.5 %	3,669,994	8,366,953	3.5 %	—	(1,673,391)
Retirement	72,053,900	70,947,726	98.5 %	1,106,174	2,521,887	3.5 %	—	—
Construction	7,000,000	6,892,536	98.5 %	107,464	245,000	3.5 %	—	(49,000)
Stormwater Management	57,926,000	57,036,718	98.5 %	889,282	2,027,410	3.5 %	—	(405,482)
Reserve Claim	7,500,000	7,384,860	98.5 %	115,140	262,500	3.5 %	—	(52,500)
Levy Adjust. PA 102-0519	11,267,295	11,094,319	98.5 %	172,976	—	— %	—	(78,871)
Total	\$ 679,359,157	\$ 668,929,609	98.5 %	\$ 10,429,548	\$ 23,383,215	3.4 %	—	\$ (4,251,137)
<b>2021</b>								
Corporate	\$ 271,795,968	\$ 269,284,950	99.1 %	\$ 2,511,018	\$ 9,512,859	3.5 %	—	\$ (1,902,572)
Bond Redemption & Interest	240,363,187	238,142,565	99.1 %	2,220,622	8,412,712	3.5 %	—	(1,682,542)
Retirement	72,741,500	72,069,469	99.1 %	672,031	2,545,953	3.5 %	—	—
Construction	7,000,000	6,935,330	99.1 %	64,670	245,000	3.5 %	—	(49,000)
Stormwater Management	52,926,000	52,437,037	99.1 %	488,963	1,852,410	3.5 %	—	(370,482)
Reserve Claim	7,500,000	7,430,710	99.1 %	69,290	262,500	3.5 %	—	(52,500)
Levy Adjust. PA 102-0519	7,540,018	7,470,359	99.1 %	69,659	—	— %	—	(52,780)
Total	\$ 659,866,673	\$ 653,770,420	99.1 %	\$ 6,096,253	\$ 22,831,433	3.5 %	—	\$ (4,109,876)
<b>2020</b>								
Corporate	\$ 267,128,027	\$ 262,774,962	98.4 %	\$ 4,353,065	\$ 9,349,481	3.5 %	—	\$ (801,384)
Bond Redemption & Interest	239,216,641	235,318,415	98.4 %	3,898,226	8,372,582	3.5 %	—	(717,650)
Retirement	72,227,600	71,050,594	98.4 %	1,177,006	2,527,966	3.5 %	—	—
Construction	7,000,000	6,885,929	98.4 %	114,071	245,000	3.5 %	—	(21,000)
Stormwater Management	52,926,000	52,063,529	98.4 %	862,471	1,852,410	3.5 %	—	(158,778)
Reserve Claim	7,500,000	7,377,782	98.4 %	122,218	262,500	3.5 %	—	(22,500)
Total	\$ 645,998,268	\$ 635,471,210	98.4 %	\$ 10,527,058	\$ 22,609,939	3.5 %	—	\$ (1,721,312)
<b>Prior Years' Levies</b>								
Corporate								\$ (267,128)
Bond Redemption & Interest								(239,217)
Retirement								—
Construction								(7,000)
Stormwater Management								(52,926)
Reserve Claim								(7,500)
Total								\$ (573,771)
<b>RECAPITULATION BY FUND</b>								
Corporate	\$ 1,415,778,988	\$ 1,087,021,841		\$ 328,757,147	\$ 49,552,265		\$ 296,794,088	\$ 291,753,702
Bond Redemption & Interest	1,202,229,005	930,513,835		271,715,170	42,078,015		245,000,560	243,099,466
Retirement	360,594,700	280,560,009		80,034,691	12,620,815		70,181,300	70,181,300
Construction	35,000,000	27,283,709		7,716,291	1,225,000		6,940,086	6,882,235
Stormwater Management	273,778,000	210,811,637		62,966,363	9,582,230		56,875,647	56,449,097
Reserve Claim	37,500,000	29,232,545		8,267,455	1,312,500		7,435,807	7,373,824
Levy Adjust. PA 102-0519	27,164,288	26,408,193		756,095	—		513,460	376,674
Total	\$ 3,352,044,981	\$ 2,591,831,768		\$ 760,213,213	\$ 116,370,824		\$ 683,740,947	\$ 676,116,298

**STATEMENT OF PERSONAL PROPERTY REPLACEMENT TAXES  
RECEIVABLE FOR 2025 AND PRIOR YEARS AT JANUARY 1, 2025  
INCLUDING THE ESTIMATED COLLECTIONS FOR THE YEAR 2025**

LEVY YEAR	FUND	BUDGETED RECEIVABLE	ACTUAL/ESTIMATED COLLECTED THROUGH 2024	CASH ESTIMATED IN 2025
<b>2025</b>	Corporate	\$ 29,595,300	\$ —	\$ —
	Retirement	18,981,300	—	—
	Construction	18,000,000	—	—
	Total	\$ 66,576,600	\$ —	\$ —
<b>2024</b>	Corporate	\$ 47,445,300	\$ —	\$ 47,445,300
	Retirement	18,554,700	—	18,554,700
	Construction	25,000,000	—	25,000,000
	Total	\$ 91,000,000	\$ —	\$ 91,000,000
<b>2023</b>	Corporate	\$ 56,925,400	\$ 26,199,900	\$ —
	Retirement	18,074,600	18,074,600	—
	Construction	25,000,000	25,000,000	—
	Total	\$ 100,000,000	\$ 69,274,500	\$ —
<b>2022</b>	Corporate	\$ 42,000,000	\$ 77,136,312	\$ —
	Retirement	18,383,000	18,383,000	—
	Construction	—	25,000,000	—
	Total	\$ 60,383,000	\$ 120,519,312	\$ —
<b>2021</b>	Corporate	\$ 16,000,000	\$ 126,311,768	\$ —
	Retirement	18,558,500	18,558,500	—
	Construction	—	—	—
	Total	\$ 34,558,500	\$ 144,870,268	\$ —
<b>2020</b>	Corporate	\$ 19,000,000	\$ 53,173,208	\$ —
	Retirement	18,427,400	18,427,400	—
	Construction	—	—	—
	Total	\$ 37,427,400	\$ 71,600,608	\$ —

NOTE: Personal Property Replacement Taxes are recorded as collected against the prior year's tax estimate. For example, collections in 2025 will be recorded against the 2024 budgeted receivable.



## CORPORATE FUND FINANCIAL NARRATIVE

The Corporate Fund is the general fund of the District and used to account for the general operations and expenditures. The 2025 Budget is \$522.3 million, an increase of \$25.0 million, or 5.0 percent, from the 2024 Adjusted Budget. Property taxes are the major source of revenue for the Corporate Fund. In 2025, the net property tax levy will provide 57.4 percent of the fund's projected revenue. The property tax levy for 2025 is \$310.5 million, an increase of \$11.0 million, or 3.7 percent, from the 2024 Adjusted Levy.

The Corporate Fund allocation of Personal Property Replacement Tax (PPRT) revenue is budgeted at \$29.6 million for 2025, a decrease of \$17.9 million compared to the 2024 Original Budget of \$47.4 million. From 2021 to 2023, the District's positive Corporate Fund results were driven by PPRT over-performance. As anticipated in the 2024 Budget, PPRT disbursements have slowed and are projected to normalize in the second half of 2025. The District projects PPRT revenue received in 2024 to be \$26.2 million, a \$30.7 million negative variance to the budgeted receivable. Actual performance of PPRT will be monitored closely and adjusted in the future to be reflective of economic and policy direction. PPRT is accounted for in arrears and compared against the prior year tax estimate. PPRT receipts have been highly variable over the last several years due to changes in the State of Illinois allocations to local governments and changes in tax laws. PPRT is allocated first to the Retirement Fund to pay 20.9 percent of the Retirement Fund total levy. In 2023 and 2024, the District allocated \$25.0 million and plans to allocate \$18.0 million in 2025 to the Construction Fund to fund small capital projects.

### Non-Tax Revenue

Corporate Fund non-tax revenue is projected to be \$109.3 million for 2025, an increase of \$9.5 million, or 9.5 percent, from the 2024 Budget which can be primarily attributed to a \$7.0 million increase in TIF surplus and \$1.0 million increase in user charge revenue. Overall, 2024 non-tax revenue is projected to end the year at \$102.2 million, exceeding the 2024 Budget by \$2.3 million, or 2.3 percent.

The Corporate Fund receives significant funding from user charge revenue, estimated at \$37.0 million in 2025, an increase of \$1.0 million from the 2024 Budget. The state economy significantly impacts the food processing and metal finishing industries, two major categories of user charge payers. Another major segment of user charge payers is government-operated airports and water filtration facilities. The revenues from these sources are affected by weather conditions rather than the general economy. The 2024 year-end estimated revenue is \$37.0 million, as budgeted. User charge rates and revenues parallel changes in the District's operations, maintenance, and replacement costs. User charge rates are based on the United States Environmental Protection Agency's approved program that ensures each user pays its proportionate share of costs for the treatment of its wastewater. Large commercial, industrial, and tax-exempt users are charged fees based on the volume and strength of biochemical oxygen demand and suspended solids in their effluents, with credit given for the operations, maintenance, and replacement portion of any property taxes paid. Residential and small commercial/industrial classes pay only through their property taxes. This rate method ensures that the costs of providing service to these users are fully recovered. The user charge rate history appears in the [Appendix](#).

In 2025, land rental revenue remains flat at \$31.5 million to the 2024 Budget. Real estate income for the District has trended upwards in recent years. Expiring leases are reviewed and necessary environmental or other types of property remediation are performed, when possible, well ahead of lease expiration to expedite re-leasing at current market rates. Investment income is budgeted for 2025 at \$14.0 million, an increase of \$0.9 million, from the 2024 Budget, reflecting current market conditions.

### 2023 and 2024 Projected Year-End Results

The Corporate Fund ended 2023 with a positive cash flow. Expenditures increased by \$29.1 million from 2022 to 2023, attributed primarily to increases in labor costs, electrical energy, processing chemicals, and biosolids disposal. The 2023 expenditures totaled \$410.5 million compared to \$381.4 million in 2022. The 2023 revenue collections ended the year above the 2023 budget, with receipts of \$525.9 million, creating a positive cash flow of \$115.4 million. Projected 2024 year-end expenditures are \$445.6 million, while revenues are projecting year-end collections of \$418.4 million, creating a negative variance of \$27.2 million. As anticipated, the District will utilize budgetary reserves.

For 2025, a portion amounting to \$133.0 million of the projected net assets will remain unappropriated to provide for a fiscally responsible budgetary reserve. Of the projected \$252.9 million net assets appropriable, \$30.0 million will be transferred to the Retirement Fund and \$89.9 million of the projected net assets will be appropriated.

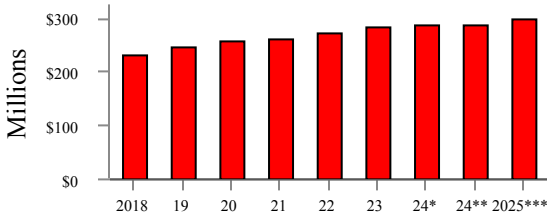
The 2025 Budget prepares the District for increases in labor costs, demand for construction materials, and increased operating costs primarily related to permit compliance. The 2025 Budget includes \$8.9 million in technology infrastructure, equipment purchases, studies, and special projects as one-time costs, in addition to \$7.0 million budgeted for a Tunnel and Reservoir Plan maintenance cost.

**Corporate Working Cash Fund**

The Corporate Working Cash Fund is used to provide short-term financing to the Corporate Fund. As the property tax levy for one year is not collected until the next year, short-term financing of the current year tax levy is necessary. The District is authorized to sell Working Cash Bonds and is authorized to extend a property tax levy to meet these needs, but neither a tax levy nor bond sale is planned for 2025. The District will allocate 95.0 percent of the maximum as available for loan in 2025, or a total of \$323.1 million.

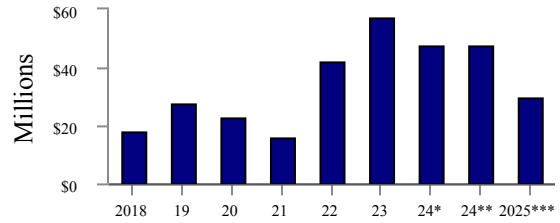
**REVENUE - CORPORATE FUND (BUDGETARY BASIS)**

**Net Property Tax Levy**



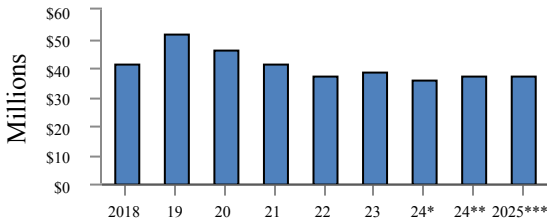
The property tax levy is the primary source of revenue for the Corporate Fund. In 2025, the levy will increase by 2.61 percent.

**Personal Property Replacement Tax**



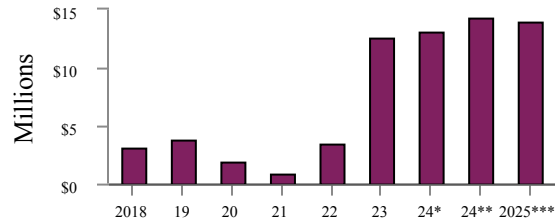
Budgeted PPRT allocations, received from the State, are economically sensitive. PPRT disbursements are expected to decline in 2024 and 2025 and then stabilize in 2026.

**User Charge**



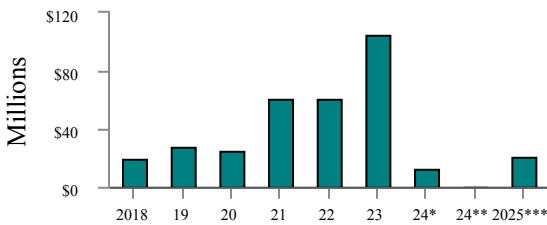
The growth in the food processing and chemical industries has been offset by improvements in processing and reduced discharges. User charge revenue is projected to remain steady in 2025.

**Investment Income**



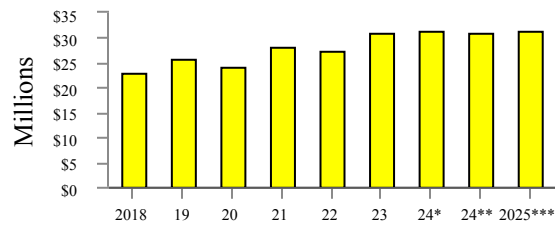
Investment income fluctuates based on the economy. In 2021, low rates and smaller investment balances resulted in lower returns. Projections for 2025 benefit from the substantial rate increases experienced in 2023 and 2024.

**Other**



TIF surplus distributions have been the driving factor of the remaining non-tax revenue. The primary factor in 2021-2024 are adjustments to net assets available for projected receipts.

**Land Rentals**



In 2025, land rental revenue is expected to remain steady.

Note: Other includes Tax Increment Finance (TIF) district surplus distribution, land sales, agricultural product sales, and other small revenue sources. Beginning in 2019, sewer permit fees are recorded to the Stormwater Management Fund.

- 2018-2023 actual
- \* 2024 as budgeted
- \*\* 2024 adjusted estimated
- \*\*\* 2025 estimate

**CORPORATE FUND  
ESTIMATED BALANCE SHEET  
JANUARY 1, 2025 AND 2024**

	<b>ASSETS</b>			
	<b>2025</b>		<b>2024</b>	
	<b>AMOUNT</b>	<b>AVAILABLE FOR APPROPRIATION</b>	<b>AMOUNT</b>	<b>AVAILABLE FOR APPROPRIATION</b>
<b>CURRENT ASSETS</b>				
Cash & Investments	\$ 285,695,421	\$ 285,695,421	\$ 297,806,853	\$ 297,806,853
Taxes Receivable	289,053,205	289,053,205	282,648,500	282,648,500
Prior Years Taxes Receivable	2,700,497	2,700,497	2,248,065	2,248,065
Replacement Tax	47,445,300	47,445,300	56,925,400	56,925,400
<b>Total Current Assets</b>	<u>\$ 624,894,423</u>	<u>\$ 624,894,423</u>	<u>\$ 639,628,818</u>	<u>\$ 639,628,818</u>
<b>LIABILITIES &amp; FUND EQUITY</b>				
<b>CURRENT LIABILITIES</b>				
Unpaid Bills:				
Accrued Salaries & Wages	\$ 8,505,700	\$ 8,505,700	\$ 2,419,650	\$ 2,419,650
Security & Bid Deposits	4,507,300	4,507,300	1,692,100	1,692,100
Payroll Withholding & Miscellaneous	613,900	613,900	588,000	588,000
Contractual Services	28,795,000	28,795,000	10,077,000	10,077,000
Due to Corporate Working Cash Fund	329,600,000	329,600,000	332,300,000	332,300,000
<b>Total Current Liabilities</b>	<u>\$ 372,021,900</u>	<u>\$ 372,021,900</u>	<u>\$ 347,076,750</u>	<u>\$ 347,076,750</u>
<b>Total Liabilities</b>		<u>\$ 372,021,900</u>		<u>\$ 347,076,750</u>
<b>ASSETS APPROPRIABLE FOR 2025 &amp; 2024</b>				
Net Assets Appropriable		\$ 252,872,523		\$ 292,552,068
Reserve for Transfer to Retirement Fund		(21,643,025)		(31,500,000)
2022 Levy Adjustment (PA 102-0519) to Retirement Fund		(8,356,975)		(11,267,295)
Budget Reserve		(132,990,023)		(181,961,173)
Net Assets Appropriated		\$ 89,882,500		\$ 67,823,600
Estimated Revenue		432,412,200		429,435,000
<b>Total Assets Appropriable</b>		<u>\$ 522,294,700</u>		<u>\$ 497,258,600</u>
<b>FUND EQUITY</b>				
Undesignated		\$ 252,872,523		\$ 292,552,068
<b>Total Fund Equity</b>		<u>\$ 252,872,523</u>		<u>\$ 292,552,068</u>
<b>Total Liabilities &amp; Fund Equity</b>		<u>\$ 624,894,423</u>		<u>\$ 639,628,818</u>

**CORPORATE FUND  
APPROPRIABLE REVENUE  
2025 - 2022**

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2025 BUDGET	2024 ADJUSTED	2024 BUDGET	2023	2022
Revenue from Property Taxes					
Gross Tax Levy	\$ 310,544,000	\$ 299,537,000	\$ 299,537,000	\$ 292,900,000	\$ 284,500,000
Less Allowance for Uncollectible Taxes	(10,869,040)	(10,483,795)	(10,483,795)	(10,251,500)	(9,957,500)
Net Property Taxes	\$ 299,674,960	\$ 289,053,205	\$ 289,053,205	\$ 282,648,500	\$ 274,542,500
Revenue from Personal Property					
Replacement Tax	\$ 29,595,300	\$ 47,445,300	\$ 47,445,300	\$ 56,925,400	\$ 42,000,000
Net Tax Sources	\$ 329,270,260	\$ 336,498,505	\$ 336,498,505	\$ 339,573,900	\$ 316,542,500
Adjustment to match working cash borrowings	(6,170,260)	(6,898,505)	(6,898,505)	(7,273,900)	(6,342,500)
Working Cash Financing at 95% of Gross Tax Sources	\$ 323,100,000	\$ 329,600,000	\$ 329,600,000	\$ 332,300,000	\$ 310,200,000
Investment Income	\$ 14,000,000	\$ 14,300,000	\$ 13,075,000	\$ 12,595,264	\$ 3,421,892
Land Rentals	31,500,000	31,100,000	31,500,000	31,004,738	27,352,457
Federal & State Grants	1,908,200	773,700	2,900,000	117,635	207,709
Sewer Service Agreement Revenue	2,250,000	2,300,000	2,085,000	2,357,574	1,371,275
User Charge	37,000,000	37,000,000	36,000,000	38,536,900	37,201,414
Resource Recovery	300,000	500,000	300,000	356,789	278,266
Lockport Electrical Energy Generation	1,329,000	153,432	825,000	645,618	1,018,689
Miscellaneous (details below)	21,025,000	16,025,000	13,150,000	14,073,414	20,372,024
Subtotal	\$ 109,312,200	\$ 102,152,132	\$ 99,835,000	\$ 99,687,932	\$ 91,223,726
Adjustment to Net Assets Available for Projected Receipts	—	(13,304,693)	—	93,876,458	44,395,006
<b>GRAND TOTAL</b>	<b>\$ 432,412,200</b>	<b>\$ 418,447,439</b>	<b>\$ 429,435,000</b>	<b>\$ 525,864,390</b>	<b>\$ 445,818,732</b>
-----					
TIF Surplus Distribution	\$ 17,000,000	\$ 11,000,000	\$ 10,000,000	\$ 12,272,711	\$ 15,455,607
TIF Differential Fee	—	—	—	—	—
Land Sales	—	1,475,000	—	—	376,750
Claims & Damage Settlements	—	100,000	—	48,129	114,670
Scrap Sales	100,000	100,000	100,000	143,144	176,867
Sales of Automobiles	425,000	75,000	25,000	1,001	122,814
Interest on Taxes - Cook County Treasurer	—	250,000	—	134,544	3,112
Other	3,500,000	3,025,000	3,025,000	1,473,886	4,122,203
<b>Total</b>	<b>\$ 21,025,000</b>	<b>\$ 16,025,000</b>	<b>\$ 13,150,000</b>	<b>\$ 14,073,415</b>	<b>\$ 20,372,023</b>

**CORPORATE FUND FINANCING  
2025 - 2020**

	ESTIMATED			ACTUAL			
	2025 (1)	2024 REVISED	2024 ORIGINAL	2023	2022	2021	2020
<b>BORROWINGS</b>							
Working Cash Loans Current Year	\$ 323,100,000	\$ 208,000,000	\$ 329,600,000	\$ 208,000,000	\$ 208,000,000	\$ 191,300,000	\$ 190,000,000
Working Cash Loans Prior Year	—	—	—	—	—	—	—
<b>Total Borrowings</b>	<u>\$ 323,100,000</u>	<u>\$ 208,000,000</u>	<u>\$ 329,600,000</u>	<u>\$ 208,000,000</u>	<u>\$ 208,000,000</u>	<u>\$ 191,300,000</u>	<u>\$ 190,000,000</u>
<b>REPAYMENTS</b>							
Working Cash Loans Repaid							
Current	\$ 208,000,000	\$ 208,000,000	\$ 208,000,000	\$ 208,000,000	\$ 191,300,000	\$ 190,000,000	\$ 190,000,000
Working Cash Loans Repaid Prior	—	—	—	—	—	—	—
<b>Total Repayments</b>	<u>\$ 208,000,000</u>	<u>\$ 208,000,000</u>	<u>\$ 208,000,000</u>	<u>\$ 208,000,000</u>	<u>\$ 191,300,000</u>	<u>\$ 190,000,000</u>	<u>\$ 190,000,000</u>

**(1) FINANCING LIMITATION**

	<b>2025</b>
	(In Millions)
Property Tax Levy	\$ 310.5
Personal Property Replacement Tax	<u>29.6</u>
Total	\$ 340.1
* Borrowing Limitation	95.0 %
Total Available for Financing	<u>\$ 323.1</u>
* Statutory limitation is 100%	

**CORPORATE WORKING CASH FUND  
ESTIMATED BALANCE SHEET  
JANUARY 1, 2025 AND 2024  
AND ESTIMATED AMOUNTS AVAILABLE FOR 2025 AND 2024**

	ASSETS			
	2025		2024	
	AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
<b>CURRENT ASSETS</b>				
Cash & Investments	\$ 74,889,199	\$ 74,889,199	\$ 73,299,431	\$ 73,299,431
Due from Corporate Fund	208,000,000	208,000,000	208,000,000	208,000,000
<b>Total Current Assets</b>	<u>\$ 282,889,199</u>	<u>\$ 282,889,199</u>	<u>\$ 281,299,431</u>	<u>\$ 281,299,431</u>
	FUND EQUITY			
Estimated Revenue & Other Financing Sources		\$ 3,442,000		\$ 2,962,000
Equity Transfer to Retirement Fund		—		—
<b>ASSETS AVAILABLE FOR 2025 AND 2024</b>		<u>\$ 286,331,199</u>		<u>\$ 284,261,431</u>
<b>FUND EQUITY</b>				
		<u>\$ 282,889,199</u>		<u>\$ 281,299,431</u>

**CORPORATE WORKING CASH FUND  
REVENUES  
2025 - 2022**

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2025 BUDGET	2024 ADJUSTED	2024 BUDGET	2023	2022
Revenue from Money & Property					
Investment Income	\$ 3,442,000	\$ 1,544,000	\$ 2,962,000	\$ 1,056,115	\$ 1,072,675
Revenue from Miscellaneous Sources	—	—	—	—	—
Equity Transfer to Retirement Fund	—	—	—	—	—
<b>TOTAL</b>	<u>\$ 3,442,000</u>	<u>\$ 1,544,000</u>	<u>\$ 2,962,000</u>	<u>\$ 1,056,115</u>	<u>\$ 1,072,675</u>

**CAPITAL FUNDS FINANCIAL NARRATIVE**

The Capital Funds of the District are the Capital Improvements Bond Fund (CIBF), the Construction Fund, and the capital projects funded through the Stormwater Management Fund. The District's major functions of sewage collection and treatment, solids processing, solids utilization, flood control, and stormwater management are capital intensive, requiring significant investments in infrastructure. The District's mission of protecting the Lake Michigan drinking water supply from pollution and stormwater management drives the capital program. Funding for the national, state, and local priorities that drive the District's program is provided by bonds, loans, grants, and other financial assistance available to the District.

The District utilizes a combination of funding methods to finance the Capital Improvement Program. The 2025 revenue sources include 21.4 percent for pay-as-you-go financing from property taxes, investment income, or other miscellaneous revenues and 5.9 percent from grants and reimbursements. Low-interest Wastewater/Stormwater State Revolving Fund (SRF) loans account for 10.2 percent of 2025 revenues, while General Obligation and Alternate Revenue Bonds account for 62.5 percent. Stormwater Alternate Revenue bonds and Stormwater SRF loans finance large stormwater projects that address overland flooding throughout Cook County backed by the Stormwater Management Fund Property Tax Levy to pay the principal and interest on the loans.

The Construction Fund and the Stormwater Management Fund are supported primarily by property taxes and used to finance construction projects on a pay-as-you-go basis, while the CIBF is used to budget and account for larger infrastructure projects.

**Capital Improvements Bond Fund**

The CIBF is used to provide resources from Wastewater and Stormwater SRF loans, grants, bonds, and other sources to design and construct major capital facilities that are structures of permanent duration. The 2025 appropriation is \$560.9 million, an increase of \$252.6 million from the 2024 Adjusted Budget, or 82.0 percent. The appropriation varies by the scheduled awards of major projects.

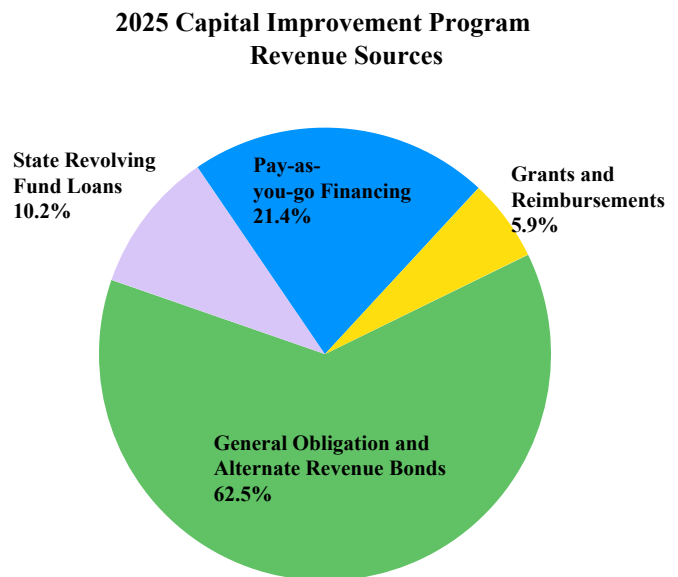
The CIBF balance sheet on page 90 estimates the net assets appropriable for 2025 at \$173.9 million and (\$54.2) million for 2024. An obligation basis of budgetary accounting is used for this fund. Liabilities are recognized as the total value of all project awards at the time of award, even though cash disbursements are made over several future years. On a cash flow basis, the District has a goal to keep expenditures at a maximum of \$100.0 million for limited bonds and \$50.0 million for unlimited bonds per year. However, the District has an aggressive Capital Improvement Program over the next five years that will address aging infrastructure, including sewer rehabilitation projects and the modernization of our water reclamation plants in anticipation of changing discharge permit limits which will require additional spending over 2025 - 2029.

Illinois property tax limitation laws limit the District's authority to issue bonds without a referendum. Projects initiated prior to October 1, 1991, which generally cover only Tunnel and Reservoir Plan projects, are excluded from the limitation. The District is authorized to issue "limited tax bonds" without a voter referendum. "Limited bonds" can be issued to the extent that any new debt when combined with existing debt service does not exceed the debt service extension base. The extension base limitation for the 2024 levy year is \$200.1 million and \$204.9 million for the 2025 levy year.

Illinois' Wastewater/Stormwater Revolving Loan Fund provides low-interest loans to finance qualifying projects. The current interest rate for new loans to the District is 1.87 percent. The District expects to receive approximately \$50.0 million in 2025 and \$50.0 million annually for the following four years. The District continues to plan for the use of SRF loans and other low cost financing options, including Water Infrastructure Finance and Innovation Act loans. For 2025, a Build America Bonds (BABs) subsidy of \$11.3 million and \$2.0 million in miscellaneous revenue is available for capital projects in the Capital Improvements Bond Fund.

**Construction Fund**

The 2025 tax property levy for the Construction Fund remains flat to the 2024 levy at \$7.0 million. The fund will also be supported by a \$18 million allocation of Personal Property Replacement Tax (PPRT) and existing assets appropriable to fund capital projects. The 2025 appropriation is \$81.1 million, an increase of \$6.5 million, or 8.7 percent, from the 2024 Adjusted Budget.





The Construction Fund is a property tax supported fund designed to provide resources for capital projects for which long-term bond funding is not desirable or is not available. The use of PPRT to fund capital projects will allow additional relief to the aggressive capital program that is subject to the debt service extension base and provide taxpayer value by investing in infrastructure projects. This fund is intended for pay-as-you-go capital projects to perform major rehabilitation of facilities, extending their useful life, and to acquire other capital assets. The funding mechanism is a working cash fund that provides loans in anticipation of tax collections. The Construction Working Cash Fund includes appropriable assets of \$23.6 million. The liabilities for contracts not completed during a fiscal year are reappropriated in the next year. Net assets appropriable, therefore, fluctuate based on the value of contract liabilities carried forward to the following year. For 2025, there is \$38.3 million budgeted for projects currently under construction and \$37.5 million for projects scheduled for award in 2025.

### **Stormwater Management Fund**

The Stormwater Management Fund was established in 2005 to fund stormwater management activities including operational costs and pay-as-you-go capital projects. The 2025 property tax levy for the Stormwater Management Fund is \$62.5 million, an increase of \$5.0 million from the 2024 Adjusted Budget. An equity transfer to the Bond Redemption & Interest Fund is planned in the amount of \$9.5 million to pay the principal and interest on one capital improvement bonds, one refunding bond, and two State Revolving Fund loans, and an abatement in a corresponding amount is anticipated.

Beginning in 2022, the District began funding the majority of stormwater management capital projects, including both gray and green infrastructure, with pay-as-you-go financing. The District continues to aggressively seek grants to help fund stormwater projects. In 2022, the District received a \$12.0 million reimbursement from the Army Corps of Engineers and a \$7.2 million reimbursement was received in 2023. The District has been successful in obtaining grants and reimbursements to fund regional and local flood control projects and secured \$10.0 million from the Hazard Mitigation Grant Program for the Addison Creek Channel Improvements project and \$20.0 million from the Army Corps of Engineers as reimbursement for the District's work on the design and construction of the Thornton Composite Reservoir. The 2025 Budget includes \$17.0 million in grant revenue. No tax levy is recommended for the Stormwater Working Cash Fund, which provides temporary loans to the Stormwater Management Fund in anticipation of tax collections. Details of this fund's purpose and \$130.6 million appropriation for 2025 are presented in [Section VI](#).

**CAPITAL IMPROVEMENTS BOND FUND  
ESTIMATED BALANCE SHEET  
JANUARY 1, 2025 AND 2024**

	<b>ASSETS</b>			
	<b>2025</b>		<b>2024</b>	
	<b>AMOUNT</b>	<b>AVAILABLE FOR APPROPRIATION</b>	<b>AMOUNT</b>	<b>AVAILABLE FOR APPROPRIATION</b>
<b>CURRENT ASSETS</b>				
Cash & Investments	\$ 530,798,661	\$ 530,798,661	\$ 378,731,127	\$ 378,731,127
Grants Receivable	696,000	696,000	—	—
State Revolving Fund Loans Receivable	3,204,800	3,204,800	—	—
<b>Total Current Assets</b>	<b>\$ 534,699,461</b>	<b>\$ 534,699,461</b>	<b>\$ 378,731,127</b>	<b>\$ 378,731,127</b>
<b>LIABILITIES &amp; FUND EQUITY</b>				
<b>CURRENT LIABILITIES</b>				
Unpaid Bills:				
Contractual Services	\$ 10,500,000	\$ 10,500,000	\$ 15,500,000	\$ 15,500,000
Contracts Payable	171,511,612	171,511,612	250,435,600	250,435,600
<b>Total Current Liabilities</b>	<b>\$ 182,011,612</b>	<b>\$ 182,011,612</b>	<b>\$ 265,935,600</b>	<b>\$ 265,935,600</b>
Designated for Future Claims Liabilities	178,830,680	178,830,680	166,958,983	166,958,983
<b>Total Liabilities &amp; Designations</b>	<b>\$ 360,842,292</b>	<b>\$ 360,842,292</b>	<b>\$ 432,894,583</b>	<b>\$ 432,894,583</b>
<b>ASSETS APPROPRIABLE</b>				
Net Assets Appropriable		\$ 173,857,169		\$ (54,163,456)
Net Assets Appropriated		\$ 173,857,169		\$ (54,163,456)
Estimated Revenue		78,727,000		401,341,000
Bond Sales - Future		308,340,331		—
Reserve for Future Projects		—		(38,898,944)
<b>Total Assets Appropriable</b>		<b>\$ 560,924,500</b>		<b>\$ 308,278,600</b>
<b>FUND EQUITY</b>	<b>\$ 173,857,169</b>		<b>\$ (54,163,456)</b>	
<b>Total Liabilities &amp; Fund Equity</b>	<b>\$ 534,699,461</b>		<b>\$ 378,731,127</b>	

**CAPITAL IMPROVEMENTS BOND FUND  
 APPROPRIABLE REVENUE  
 2025 - 2022**

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2025 BUDGET	2024 ADJUSTED	2024 BUDGET	2023	2022
Revenue from Money & Property					
Bond Sales (Present & Future)	\$ —	\$ 300,000,000	\$ 325,000,000	\$ —	\$ —
Investment Income	14,727,000	8,848,000	12,341,000	6,396,968	3,533,625
<b>Subtotal</b>	<b>\$ 14,727,000</b>	<b>\$ 308,848,000</b>	<b>\$ 337,341,000</b>	<b>\$ 6,396,968</b>	<b>\$ 3,533,625</b>
Revenue from Miscellaneous Sources					
Federal & State Grants	\$ 12,000,000	\$ 12,000,000	\$ 12,000,000	\$ 19,579,085	\$ 13,600,992
State Revolving Fund Loans	50,000,000	50,000,000	50,000,000	34,716,300	22,835,500
Miscellaneous	2,000,000	2,000,000	2,000,000	2,779,649	1,918,132
<b>Subtotal</b>	<b>\$ 64,000,000</b>	<b>\$ 64,000,000</b>	<b>\$ 64,000,000</b>	<b>\$ 57,075,034</b>	<b>\$ 38,354,623</b>
<b>Total Revenue</b>	<b>\$ 78,727,000</b>	<b>\$ 372,848,000</b>	<b>\$ 401,341,000</b>	<b>\$ 63,472,002</b>	<b>\$ 41,888,249</b>
Other Financing Sources (Uses)					
Bond Sales - Future	\$ 308,340,331	\$ —	\$ —	\$ —	\$ —
Reserve for Future Projects	—	—	(38,898,944)	—	—
Equity Transfer to B&I Fund	—	—	—	—	(35,965,403)
<b>GRAND TOTAL</b>	<b>\$ 387,067,331</b>	<b>\$ 372,848,000</b>	<b>\$ 362,442,056</b>	<b>\$ 63,472,002</b>	<b>\$ 5,922,846</b>

**CONSTRUCTION FUND  
ESTIMATED BALANCE SHEET  
JANUARY 1, 2025 AND 2024**

	<b>ASSETS</b>			
	<b>2025</b>		<b>2024</b>	
	<b>AMOUNT</b>	<b>AVAILABLE FOR APPROPRIATION</b>	<b>AMOUNT</b>	<b>AVAILABLE FOR APPROPRIATION</b>
<b>CURRENT ASSETS</b>				
Cash & Investments	\$ 38,309,700	\$ 38,309,700	\$ 31,567,500	\$ 31,567,500
Taxes Receivable	6,755,000	6,825,000	6,755,000	6,825,000
Prior Years Taxes Receivable	176,235	176,235	165,650	165,650
Replacement Tax	18,000,000	18,000,000	25,000,000	25,000,000
<b>Total Current Assets</b>	<b>\$ 63,240,935</b>	<b>\$ 63,310,935</b>	<b>\$ 63,488,150</b>	<b>\$ 63,558,150</b>
<b>LIABILITIES &amp; FUND EQUITY</b>				
<b>CURRENT LIABILITIES</b>				
Unpaid Bills:				
Contracts Payable	\$ 1,182,000	\$ 1,182,000	\$ 3,015,350	\$ 3,015,350
Contractual Services	871,035	871,035	700,000	700,000
Due to:				
Construction Working Cash Fund	6,650,000	6,650,000	30,400,000	30,400,000
<b>Total Current Liabilities</b>	<b>\$ 8,703,035</b>	<b>\$ 8,703,035</b>	<b>\$ 34,115,350</b>	<b>\$ 34,115,350</b>
<b>Total Liabilities</b>		<b>\$ 8,703,035</b>		<b>\$ 34,115,350</b>
<b>ASSETS APPROPRIABLE FOR 2025 AND 2024</b>				
Net Assets Appropriable		<b>\$ 54,607,900</b>		<b>\$ 29,442,800</b>
Net Assets Appropriated		\$ 54,607,900		\$ 29,442,800
Estimated Revenue		26,473,000		45,156,000
<b>Total Assets Appropriable</b>		<b>\$ 81,080,900</b>		<b>\$ 74,598,800</b>
<b>FUND EQUITY</b>				
Undesignated		54,537,900		29,372,800
<b>Total Fund Equity</b>		<b>\$ 54,537,900</b>		<b>\$ 29,372,800</b>
<b>Total Liabilities &amp; Fund Equity</b>		<b>\$ 63,240,935</b>		<b>\$ 63,488,150</b>

**CONSTRUCTION FUND FINANCING**

**2025 - 2020**

	ESTIMATED			ACTUAL			
	2025 (1)	2024 REVISED	2024 ORIGINAL	2023	2022	2021	2020
<b>BORROWINGS</b>							
Working Cash Loans	\$ 6,650,000	\$ 6,650,000	\$ 6,650,000	\$ 6,700,000	\$ 6,700,000	\$ 6,700,000	\$ 6,700,000
<b>Total Borrowings</b>	<b>\$ 6,650,000</b>	<b>\$ 6,650,000</b>	<b>\$ 6,650,000</b>	<b>\$ 6,700,000</b>	<b>\$ 6,700,000</b>	<b>\$ 6,700,000</b>	<b>\$ 6,700,000</b>
<b>REPAYMENTS</b>							
Working Cash Loans Repaid							
Current	\$ 6,650,000	\$ 6,700,000	\$ 6,700,000	\$ 6,700,000	\$ 6,700,000	\$ 6,700,000	\$ 7,200,000
Prior Year	—	—	—	—	—	—	—
<b>Total Repayments</b>	<b>\$ 6,650,000</b>	<b>\$ 6,700,000</b>	<b>\$ 6,700,000</b>	<b>\$ 6,700,000</b>	<b>\$ 6,700,000</b>	<b>\$ 6,700,000</b>	<b>\$ 7,200,000</b>

**(1) FINANCING LIMITATION**

2025	
(In Millions)	
Property Tax Levy	\$ 7.00
Total	\$ 7.00
* Borrowing Limitation	95.0 %
Total Available for Financing	\$ 6.65
* Statutory limitation is 100%	

**CONSTRUCTION FUND  
APPROPRIABLE REVENUE  
2025 - 2022**

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2025 BUDGET	2024 ADJUSTED	2024 BUDGET	2023	2022
Revenue from Property Taxes					
Gross Tax Levy	\$ 7,000,000	\$ 7,000,000	\$ 7,000,000	\$ 7,000,000	\$ 7,000,000
Less: Allowance for Uncollectible Taxes	(245,000)	(245,000)	(245,000)	(245,000)	(245,000)
Net Property Taxes	\$ 6,755,000	\$ 6,755,000	\$ 6,755,000	\$ 6,755,000	\$ 6,755,000
Revenue from Personal Property					
Replacement Tax*	18,000,000	25,000,000	25,000,000	25,000,000	—
Net Tax Sources	\$ 6,755,000	\$ 6,755,000	\$ 6,755,000	\$ 6,755,000	\$ 6,755,000
Adjustment to Match Working Cash Borrowings	(105,000)	(105,000)	(105,000)	(55,000)	(55,000)
Working Cash Financing (Maximum 95% of Gross Tax Sources)	\$ 6,650,000	\$ 6,650,000	\$ 6,650,000	\$ 6,700,000	\$ 6,700,000
Connection Impact Fees	—	—	—	—	—
Investment Income	1,813,000	2,427,000	1,496,000	1,702,854	139,031
Miscellaneous	10,000	8,000	10,000	3,184	5,379
TIF Surplus Distribution	—	12,000,000	12,000,000	9,500,000	—
Equity Transfer from Capital Improvements Bond Fund	—	—	—	—	—
Subtotal	\$ 1,823,000	\$ 14,435,000	\$ 13,506,000	\$ 11,206,037	\$ 144,410
Adjustment to Net Assets Available for Projected Receipts	—	55,000	—	1,648,000	(1,395,500)
<b>Total</b>	<b>\$ 26,473,000</b>	<b>\$ 46,140,000</b>	<b>\$ 45,156,000</b>	<b>\$ 44,554,037</b>	<b>\$ 5,448,910</b>

\*Personal Property Replacement Tax is excluded from the maximum Working Cash Borrowing Calculation for the Construction Fund.

**CONSTRUCTION WORKING CASH FUND  
ESTIMATED BALANCE SHEET  
JANUARY 1, 2025 AND 2024  
AND ESTIMATED AMOUNTS AVAILABLE FOR 2025 AND 2024**

	ASSETS			
	2025		2024	
	AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
<b>CURRENT ASSETS</b>				
Cash & Investments	\$ 16,202,563	\$ 16,202,563	\$ 16,159,543	\$ 16,159,543
Due from Construction Fund	6,650,000	6,650,000	6,700,000	6,700,000
<b>Total Current Assets</b>	<u>\$ 22,852,563</u>	<u>\$ 22,852,563</u>	<u>\$ 22,859,543</u>	<u>\$ 22,859,543</u>
	FUND EQUITY			
Estimated Revenue & Other Financing Sources		\$ 706,000		\$ 760,000
Equity Transfer to Retirement Fund		—		—
<b>ASSETS APPROPRIABLE FOR 2025 &amp; 2024</b>		<u>\$ 23,558,563</u>		<u>\$ 23,619,543</u>
<b>FUND EQUITY</b>	<u>\$ 22,852,563</u>		<u>\$ 22,859,543</u>	

**CONSTRUCTION WORKING CASH FUND  
REVENUES  
2025 - 2022**

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2025 BUDGET	2024 ADJUSTED	2024 BUDGET	2023	2022
Revenue from Money & Property					
Investment Income	\$ 706,000	\$ 652,000	\$ 760,000	\$ 255,893	\$ 140,161
Equity Transfer to Retirement Fund	—	—	—	—	—
<b>TOTAL</b>	<u>\$ 706,000</u>	<u>\$ 652,000</u>	<u>\$ 760,000</u>	<u>\$ 255,893</u>	<u>\$ 140,161</u>

**STORMWATER MANAGEMENT FUND  
ESTIMATED BALANCE SHEET  
JANUARY 1, 2025 AND 2024**

	<b>ASSETS</b>			
	<b>2025</b>		<b>2024</b>	
	<b>AMOUNT</b>	<b>AVAILABLE FOR APPROPRIATION</b>	<b>AMOUNT</b>	<b>AVAILABLE FOR APPROPRIATION</b>
<b>CURRENT ASSETS</b>				
Cash & Investments	\$ 68,810,003	\$ 68,810,003	\$ 68,187,283	\$ 68,187,283
Taxes Receivable	55,487,500	56,062,500	50,662,500	51,187,500
Prior Years Taxes Receivable	386,597	386,597	481,001	481,001
<b>Total Current Assets</b>	<b>\$ 124,684,100</b>	<b>\$ 125,259,100</b>	<b>\$ 119,330,784</b>	<b>\$ 119,855,784</b>
<b>LIABILITIES &amp; FUND EQUITY</b>				
<b>CURRENT LIABILITIES</b>				
Unpaid Bills:				
Accrued Salaries & Wages	\$ —	\$ —	\$ —	\$ —
Contracts Payable	1,260,000	1,260,000	499,103	499,103
Vouchers Payable	8,745,000	8,745,000	2,524,980	2,524,980
Due to:				
Stormwater Working Cash Fund	54,625,000	54,625,000	49,875,000	49,875,000
<b>Total Current Liabilities</b>	<b>\$ 64,630,000</b>	<b>\$ 64,630,000</b>	<b>\$ 52,899,084</b>	<b>\$ 52,899,084</b>
Designated for Future Claims Liabilities		\$ —		\$ —
<b>Total Current Liabilities and Designations</b>		<b>\$ 64,630,000</b>		<b>\$ 52,899,084</b>
<b>ASSETS APPROPRIABLE FOR 2025 &amp; 2024</b>				
Net Assets Appropriable		\$ 60,629,100		\$ 66,956,700
Net Assets Appropriated		\$ 60,629,100		\$ 66,956,700
Equity Transfer to Bond and Interest Fund		(9,529,000)		(9,530,000)
Estimated Revenue		79,514,000		74,091,000
<b>Total Assets Appropriable</b>		<b>\$ 130,614,100</b>		<b>\$ 131,517,700</b>
<b>FUND EQUITY</b>				
	\$ 60,054,100		\$ 66,431,700	
<b>Total Liabilities &amp; Fund Equity</b>	<b>\$ 124,684,100</b>		<b>\$ 119,330,784</b>	

**STORMWATER MANAGEMENT FUND FINANCING**

**2025 - 2020**

	ESTIMATED			ACTUAL			
	2025 (1)	2024 REVISED	2024 ORIGINAL	2023	2022	2021	2020
<b>BORROWINGS</b>							
Working Cash Loans	\$ 59,375,000	\$ 31,200,000	\$ 54,625,000	\$ 31,200,000	\$ 31,200,000	\$ 26,500,000	\$ 26,500,000
<b>Total Borrowings</b>	<b>\$ 59,375,000</b>	<b>\$ 31,200,000</b>	<b>\$ 54,625,000</b>	<b>\$ 31,200,000</b>	<b>\$ 31,200,000</b>	<b>\$ 26,500,000</b>	<b>\$ 26,500,000</b>
<b>REPAYMENTS</b>							
Working Cash Loans Repaid							
Current	\$ 31,200,000	\$ 31,200,000	\$ 31,200,000	\$ 31,200,000	\$ 26,500,000	\$ 26,500,000	\$ 26,500,000
Prior Year	—	—	—	—	—	—	—
<b>Total Repayments</b>	<b>\$ 31,200,000</b>	<b>\$ 31,200,000</b>	<b>\$ 31,200,000</b>	<b>\$ 31,200,000</b>	<b>\$ 26,500,000</b>	<b>\$ 26,500,000</b>	<b>\$ 26,500,000</b>

**(1) FINANCING LIMITATION**

<b>2025</b>	
(In Millions)	
Property Tax Levy	\$ 62.5
Personal Property Replacement Tax	—
<b>Total</b>	<b>\$ 62.5</b>
* Borrowing Limitation	95.0 %
<b>Total Available for Financing</b>	<b>\$ 59.4</b>
* Statutory limitation is 100%	

**STORMWATER MANAGEMENT FUND**

**APPROPRIABLE REVENUE**

**2025 - 2022**

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2025 BUDGET	2024 ADJUSTED	2024 BUDGET	2023	2022
Revenue from Property Taxes					
Gross Tax Levy	\$ 62,500,000	\$ 57,500,000	\$ 57,500,000	\$ 52,500,000	\$ 57,926,000
Less: Allowance for Uncollectible Taxes	(2,187,500)	(2,012,500)	(2,012,500)	(1,837,500)	(2,027,410)
Net Property Taxes	\$ 60,312,500	\$ 55,487,500	\$ 55,487,500	\$ 50,662,500	\$ 55,898,590
Adjustment to Match Working Cash Borrowings	(937,500)	(862,500)	(862,500)	(787,500)	(898,590)
Working Cash Financing at 95% of Gross Tax Sources	\$ 59,375,000	\$ 54,625,000	\$ 54,625,000	\$ 49,875,000	\$ 55,000,000
Revenue from Money & Property					
Investment Income	\$ 2,114,000	\$ 2,817,000	\$ 1,341,000	\$ 3,189,141	\$ 659,760
Sewer Permit Fees	1,000,000	900,000	1,100,000	798,680	1,270,845
Miscellaneous	—	—	—	26,345	590
Reimbursements	—	20,000,000	—	7,200,000	12,000,000
Grants	17,025,000	11,400,116	17,025,000	2,350,000	2,396,040
Subtotal	\$ 20,139,000	\$ 35,117,116	\$ 19,466,000	\$ 13,564,166	\$ 16,327,235
Adjustment to Net Assets Available for Projected Receipts	\$ —	\$ (1,251,000)	\$ —	\$ 18,068,449	\$ (10,193,754)
Equity Transfer to Bond Redemption & Interest Fund	(9,529,000)	(9,530,000)	(9,530,000)	(9,530,800)	(9,168,400)
<b>Total</b>	<b>\$ 69,985,000</b>	<b>\$ 78,961,116</b>	<b>\$ 64,561,000</b>	<b>\$ 71,976,815</b>	<b>\$ 51,965,081</b>



**STORMWATER WORKING CASH FUND  
ESTIMATED BALANCE SHEET  
JANUARY 1, 2025 AND 2024**

CURRENT ASSETS	ASSETS			
	2025		2024	
	AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
Cash & Investments	\$ 6,282,896	\$ 6,282,896	\$ 6,082,387	\$ 6,082,387
Due from Stormwater Management Fund	31,200,000	31,200,000	31,200,000	31,200,000
<b>Total Current Assets</b>	<b>\$ 37,482,896</b>	<b>\$ 37,482,896</b>	<b>\$ 37,282,387</b>	<b>\$ 37,282,387</b>
<b>FUND EQUITY</b>				
Investment Income		\$ 317,000		\$ 407,000
Equity Transfer to Retirement Fund		—		—
<b>ASSETS APPROPRIABLE FOR 2025 AND 2024</b>		<b>\$ 37,799,896</b>		<b>\$ 37,689,387</b>
<b>FUND EQUITY</b>	<b>\$ 37,482,896</b>		<b>\$ 37,282,387</b>	

**STORMWATER WORKING CASH FUND  
APPROPRIABLE REVENUE  
2025 - 2022**

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2025 BUDGET	2024 ADJUSTED	2024 BUDGET	2023	2022
Investment Income	\$ 317,000	\$ 235,000	\$ 407,000	\$ 90,219	\$ 68,143
Other Financing Sources (Uses)					
Equity Transfer to Retirement Fund	—	—	—	—	—
<b>GRAND TOTAL</b>	<b>\$ 317,000</b>	<b>\$ 235,000</b>	<b>\$ 407,000</b>	<b>\$ 90,219</b>	<b>\$ 68,143</b>

## OTHER FUNDS FINANCIAL NARRATIVE

**The Bond Redemption & Interest (B&I) Fund** is a series of subfunds that account for the property tax levies and other revenues received to pay for the principal and interest of bonds issued by the District and State Revolving Fund loans. The 2025 property tax levy for the B&I Fund is \$247.8 million, an increase of \$0.4 million, or 0.1 percent, from the 2024 Adjusted Budget. Appropriations and tax levies are adjusted for new bond sales or State Revolving Fund loans. The 2025 appropriation for this fund is \$234.6 million, a decrease of \$1.1 million, or 0.5 percent from the 2024 Adjusted Budget.

Property tax levy collections are invested prior to the time when actual principal and interest payments must be made. Investment income earned on tax collections is credited to the specific sub-funds for each bond issue. The amount of estimated investment income is reflective of interest rates for 2024 with a projected year-end of \$6.7 million, while the 2025 estimate is \$3.0 million, an increase of \$0.7 million, from the 2024 Original Budget. An equity transfer from the Stormwater Management Fund of \$9.5 million will be used for the principal and interest on one capital improvement bonds, one refunding bond, and two State Revolving Fund loans, and an abatement in a corresponding amount is anticipated. A detailed presentation on the B&I Fund is found on pages [522](#) - [526](#).

**The Reserve Claim Fund** is the District's self-insurance fund, and is financed through an annual property tax levy of no more than one-half cent (0.5¢) per \$100 of the last known equalized assessed valuation (EAV). This one-half cent tax rate is the maximum allowed by state statute. For 2025, a \$7.5 million levy is budgeted. The available fund balance and amount available for appropriation for the Reserve Claim Fund are based on the net impact of current revenues and current expenditures.

The 2025 appropriation for this fund is \$57.3 million, an increase of \$5.0 million, or 9.5 percent, from the 2024 Adjusted Budget. The maximum fund balance that can be accumulated is 0.05 percent of the last known EAV. For the 2025 Budget, using the 2023 EAV, the maximum accumulation is estimated at \$97.8 million. The allowance for accounts payable and estimated liabilities is estimated at \$1.2 million. A detailed presentation of this fund begins on page [519](#).

**The Retirement Fund** receives the proceeds of the annual tax levy that the District extends on behalf of the Metropolitan Water Reclamation District Retirement Fund, a pension trust fund. The amount, as certified by the Retirement Fund Board, is levied by the District and appropriated when received. The property tax levy for 2025 is \$74.4 million, an increase of \$1.7 million, or 2.3 percent, from the 2024 Adjusted Levy. The levy is calculated based on a statutory multiplier of 4.19 times employee contributions made two years prior, or in 2023. Additionally, \$19.0 million from Personal Property Replacement Tax is allocated to the Retirement Fund for 2025.

On April 22, 2022, the Governor signed Public Act 102-0707 allowing the District to issue up to \$600.0 million of Pension Obligation Bonds, the authorization has no sunset date, and the unlimited tax bonds would be excepted from debt service extension base limitations. The District will complete a full analysis of a potential bond sale based upon varying interest rates. Any bond issuance will only be pursued if an optimal low interest rate environment provides the opportunity, which we do not anticipate in 2025.

The appropriable resources and appropriation consist of the collection of the previous year's property tax levy plus personal property replacement tax receipts. The 2024 appropriation included an equity transfer of \$42.8 million to the Retirement Fund to provide advance funding to maintain growth in the Retirement Fund's funded ratio. The 2025 appropriation for the employers contribution is \$118.7 million, a decrease of \$10.5 million, or 8.1 percent, from the 2024 Adjusted Budget and also includes a \$30.0 million transfer of excess revenue from the Corporate Fund in alignment with the District's Strategic Plan, including \$21.6 million from budget reserve, and \$8.4 million from the 2023 Property Tax Levy Adjustment received under Public Act 102-0519. An expanded presentation on the Retirement Fund is shown on pages [527](#) - [529](#).

**BOND REDEMPTION & INTEREST FUND  
ESTIMATED BALANCE SHEET  
JANUARY 1, 2025 AND 2024**

	<b>ASSETS</b>			
	<b>2025</b>		<b>2024</b>	
	<b>AMOUNT</b>	<b>AVAILABLE FOR APPROPRIATION</b>	<b>AMOUNT</b>	<b>AVAILABLE FOR APPROPRIATION</b>
<b>CURRENT ASSETS</b>				
Cash & Investments	\$ 135,146,247	\$ 135,146,247	\$ 115,978,166	\$ 115,978,166
Restricted Cash	—	—	—	—
Deposits with Escrow Agent	—	—	—	—
Taxes Receivable	238,755,803	241,229,957	240,219,001	242,708,317
Prior Years Taxes Receivable	1,869,509	1,869,509	1,587,379	1,587,379
<b>Total Current Assets</b>	<b>\$ 375,771,560</b>	<b>\$ 378,245,713</b>	<b>\$ 357,784,545</b>	<b>\$ 360,273,861</b>
<b>LIABILITIES &amp; FUND EQUITY</b>				
<b>CURRENT LIABILITIES</b>				
Bonds Payable	\$ 138,480,784		\$ 135,896,948	
Interest Payable	96,140,190		99,858,792	
Program Expense Payable	—		—	
Equity Transfer	—		—	
<b>Total Current Liabilities</b>	<b>\$ 234,620,974</b>		<b>\$ 235,755,740</b>	
<b>ASSETS APPROPRIABLE FOR 2025 AND 2024</b>				
Net Assets Appropriable		\$ 378,245,713		\$ 360,273,861
Equity Transfer from Stormwater Management Fund		9,529,000		9,530,000
Equity Transfer from CIBF		—		—
Estimated Revenue		2,960,000		2,214,000
Total Assets Available		\$ 390,734,713		\$ 372,017,861
Liabilities Payable from Restricted Assets		—		—
Less: Assets Available for Future Years (Principal & Interest Payments)		(156,113,739)		(136,262,121)
<b>Total Assets Appropriable</b>		<b>\$ 234,620,974</b>		<b>\$ 235,755,740</b>
<b>FUND EQUITY</b>				
Undesignated	\$ 141,150,586		\$ 122,028,805	
<b>TOTAL FUND EQUITY</b>	<b>\$ 141,150,586</b>		<b>\$ 122,028,805</b>	
<b>Total Liabilities &amp; Fund Equity</b>	<b>\$ 375,771,560</b>		<b>\$ 357,784,545</b>	

**BOND REDEMPTION & INTEREST FUND**  
**APPROPRIABLE REVENUE**  
**2025 - 2022**

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2025 BUDGET	2024 ADJUSTED	2024 BUDGET	2023	2022
Revenue from Taxes					
Real Estate					
Current	\$ 241,229,957	\$ 242,708,317	\$ 242,708,317	\$ 244,007,273	\$ 245,272,559
Prior	1,869,509	1,587,379	1,587,379	44,987,822	(1,672,085)
<b>Total</b>	<b>\$ 243,099,466</b>	<b>\$ 244,295,695</b>	<b>\$ 244,295,695</b>	<b>\$ 288,995,095</b>	<b>\$ 243,600,474</b>
Revenue from Money & Property					
Investment Income	\$ 2,960,000	\$ 6,664,000	\$ 2,214,000	\$ 4,569,623	\$ 998,844
Revenue from Miscellaneous Sources					
Cash Available	135,146,247	115,978,166	115,978,166	43,317,225	81,189,780
Other	—	—	—	108,726	2,678
Other Financing Sources (Uses)					
Bond Premium	—	—	—	—	—
Sale of Capital Improvements Bonds (CIB)	—	—	—	—	—
Bond Redemption	—	—	—	—	—
Refunding Transaction Costs	—	—	—	—	—
Equity Transfer from CIBF	—	—	—	—	35,965,403
Equity Transfer from Stormwater Management Fund	9,529,000	9,530,000	9,530,000	9,530,800	9,168,400
Equity Transfer to Retirement Fund	—	—	—	—	—
Less: Amount to Be					
Expended After Budget Year	(156,113,739)	(140,712,121)	(136,262,121)	(108,456,686)	(89,779,843)
<b>GRAND TOTAL</b>	<b>\$ 234,620,974</b>	<b>\$ 235,755,740</b>	<b>\$ 235,755,740</b>	<b>\$ 238,064,783</b>	<b>\$ 281,145,736</b>

**RESERVE CLAIM FUND  
ESTIMATED BALANCE SHEET  
JANUARY 1, 2025 AND 2024**

	<b>ASSETS</b>			
	<b>2025</b>		<b>2024</b>	
	<b>AMOUNT</b>	<b>AVAILABLE FOR APPROPRIATION</b>	<b>AMOUNT</b>	<b>AVAILABLE FOR APPROPRIATION</b>
<b>CURRENT ASSETS</b>				
Cash & Investments	\$ 48,417,976	\$ 48,417,976	\$ 44,588,773	\$ 44,588,773
Taxes Receivable	7,237,500	7,312,500	7,237,500	7,312,500
Prior Years Taxes Receivable	61,324	61,324	50,625	50,625
<b>Total Current Assets</b>	<b>\$ 55,716,800</b>	<b>\$ 55,791,800</b>	<b>\$ 51,876,898</b>	<b>\$ 51,951,898</b>
<b>LIABILITIES &amp; FUND EQUITY</b>				
<b>ACCOUNTS PAYABLE &amp; OTHER LIABILITIES</b>	\$ 1,150,000	\$ 1,150,000	\$ 1,152,998	\$ 1,152,998
<b>ASSETS APPROPRIABLE FOR 2025 AND 2024</b>				
Net Assets Appropriable		\$ 54,641,800		\$ 50,798,900
Equity Transfer to Bond and Interest Fund		—		—
Estimated Revenue		2,645,000		1,517,000
<b>Total Assets Appropriable</b>		<b>\$ 57,286,800</b>		<b>\$ 52,315,900</b>
<b>FUND EQUITY</b>	\$ 54,566,800		\$ 50,723,900	
<b>Total Liabilities &amp; Fund Equity</b>	<b>\$ 55,716,800</b>		<b>\$ 51,876,898</b>	

**RESERVE CLAIM FUND  
APPROPRIABLE REVENUE  
2025 - 2022**

REVENUE DESCRIPTION	<b>ESTIMATED</b>			<b>ACTUAL</b>	
	<b>2025 BUDGET</b>	<b>2024 ADJUSTED</b>	<b>2024 BUDGET</b>	<b>2023</b>	<b>2022</b>
Revenue from Taxes					
Real Estate - Current	\$ 7,312,500	\$ 7,039,193	\$ 7,312,500	\$ 7,237,919	\$ 5,626,896
Real Estate - Prior	61,324	50,625	50,625	1,706,385	56,451
Replacement Tax	—	—	—	—	—
<b>SUBTOTAL</b>	<b>\$ 7,373,824</b>	<b>\$ 7,089,818</b>	<b>\$ 7,363,125</b>	<b>\$ 8,944,305</b>	<b>\$ 5,683,347</b>
Investment Income	2,645,000	1,900,000	1,517,000	2,175,359	479,235
Miscellaneous	—	5,165	—	3,411	84
<b>GRAND TOTAL</b>	<b>\$ 10,018,824</b>	<b>\$ 8,994,983</b>	<b>\$ 8,880,125</b>	<b>\$ 11,123,075</b>	<b>\$ 6,162,666</b>

**RETIREMENT FUND  
ESTIMATED BALANCE SHEET  
JANUARY 1, 2025 AND 2024**

CURRENT ASSETS	ASSETS			
	2025		2024	
	AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
Taxes Receivable	\$ 70,181,300	\$ 70,181,300	\$ 68,365,400	\$ 68,365,400
Replacement Tax	18,554,700	18,554,700	18,074,600	18,074,600
<b>Total Current Assets</b>	<b>\$ 88,736,000</b>	<b>\$ 88,736,000</b>	<b>\$ 86,440,000</b>	<b>\$ 86,440,000</b>
<b>LIABILITIES &amp; FUND EQUITY</b>				
<b>ASSETS APPROPRIABLE FOR 2025 AND 2024</b>				
Net Assets Appropriable		\$ 88,736,000		\$ 86,440,000
Transfer of Budget Reserve from Corporate Fund		21,643,025		31,500,000
2023 Property Tax Levy Adjustment Public Act 102-0519		8,356,975		11,267,295
<b>Total Assets Appropriable Due to Retirement Fund (Employers Contribution)</b>		<b>\$ 118,736,000</b>		<b>\$ 129,207,295</b>
<b>Other Financing Sources (Uses)</b>				
Pension Obligation Bond Proceeds		\$ —		\$ —
<b>Total Assets Appropriable</b>		<b>\$ 118,736,000</b>		<b>\$ 129,207,295</b>
<b>FUND EQUITY</b>				
<b>Total Fund Equity</b>	<b>\$ 88,736,000</b>		<b>\$ 86,440,000</b>	

**RETIREMENT FUND  
APPROPRIABLE REVENUE  
2025 - 2022**

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2025 BUDGET	2024 ADJUSTED	2024 BUDGET	2023	2022
Revenue from Taxes					
Real Estate - Current	\$ 70,181,300	\$ 68,365,400	\$ 68,365,400	\$ 69,532,014	\$ 70,195,548
Replacement Tax	18,554,700	18,074,600	18,074,600	18,383,000	18,558,500
<b>TOTAL TAX REVENUE</b>	<b>\$ 88,736,000</b>	<b>\$ 86,440,000</b>	<b>\$ 86,440,000</b>	<b>\$ 87,915,014</b>	<b>\$ 88,754,048</b>
<b>Other Financing Sources (Uses)</b>					
Transfer of Budget Reserve from Corporate Fund	\$ 21,643,025	\$ 31,500,000	\$ 31,500,000	\$ 30,000,000	\$ 30,000,000
2023 Property Tax Levy Adjustment Public Act 102-0519	8,356,975	11,267,295	11,267,295	—	—
Pension Obligation Bond Proceeds	—	—	—	—	—
<b>Total Other Financing Sources</b>	<b>\$ 30,000,000</b>	<b>\$ 42,767,295</b>	<b>\$ 42,767,295</b>	<b>\$ 30,000,000</b>	<b>\$ 30,000,000</b>
<b>GRAND TOTAL</b>	<b>\$ 118,736,000</b>	<b>\$ 129,207,295</b>	<b>\$ 129,207,295</b>	<b>\$ 117,915,014</b>	<b>\$ 118,754,048</b>

# SECTION IV

## CORPORATE FUND

The Corporate Fund provides for day-to-day staff services as well as the operations and maintenance of water reclamation plants, pumping stations, collection sewers, tunnels, and related facilities. This section provides appropriation detail for the operations and support departments.

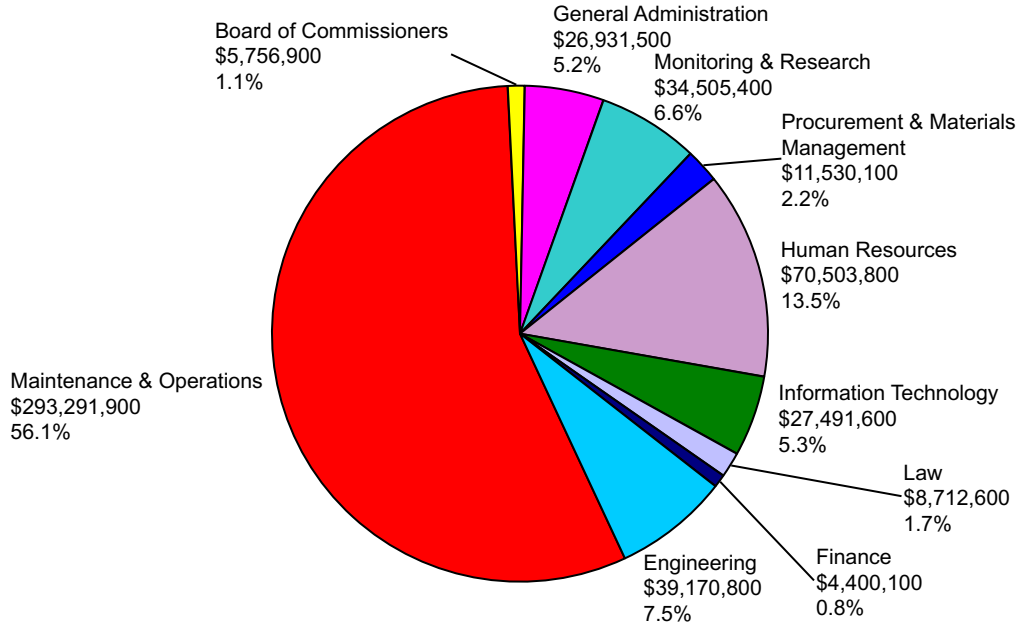
Graphs indicate staffing, appropriations, and expenditures budgeted from 2016 through 2025. The structure of sub-units and sections, the number of actual 2023 full-time equivalent (FTE) positions, as well as FTE positions budgeted for 2024 and 2025 are shown in the organization chart. In this section, and throughout the Budget, actual expenditures are used for 2023 with estimated costs for 2024 and budgeted costs for 2025. Additional information for each department includes:

- A *Department Head Transmittal Letter* provides an outline of department plans for the 2025 budget year.
- A *Narrative* explanation of the responsibilities of the department, changes in appropriation from the 2024 Budget, accomplishments during 2024, and significant features for the 2025 Budget. The mission statement, major goals, and initiatives are also provided.
- A list of *Objectives by Priority* describes each objective, assigns the costs associated with it, and indicates its percentage of the total department budget.
- *Programs by Priority* includes major department functions, projected costs, and staffing levels with comparison to budgeted 2024. Actual costs are shown for 2023.
- *Performance Data* measures specific department activities by cost and, where possible, measurable units, and compares budgeted costs for 2025 and 2024 with actual costs for 2023.
- The *Line Item Analysis* provides detailed line item appropriations over a three-year period. Appropriations for 2025 are shown as proposed by the Executive Director, subsequently recommended by the Committee on Budget and Employment, and ultimately adopted and amended by the Board of Commissioners. Original and adjusted appropriations and estimated expenditures are shown for 2024. Actual 2023 expenditures are provided.
- The *Position Analysis* provides comparative departmental personnel position information for the previous, current, and budget years. Position counts and appropriations for the current and budget years are provided as totals by section or unit, division, and department. The pay plan and grade for each class title are provided and can be used to reference the salary schedules contained in the appendix to determine the applicable salary range. The 2025 salary appropriation is adjusted for vacancies in the Line Item Analysis.

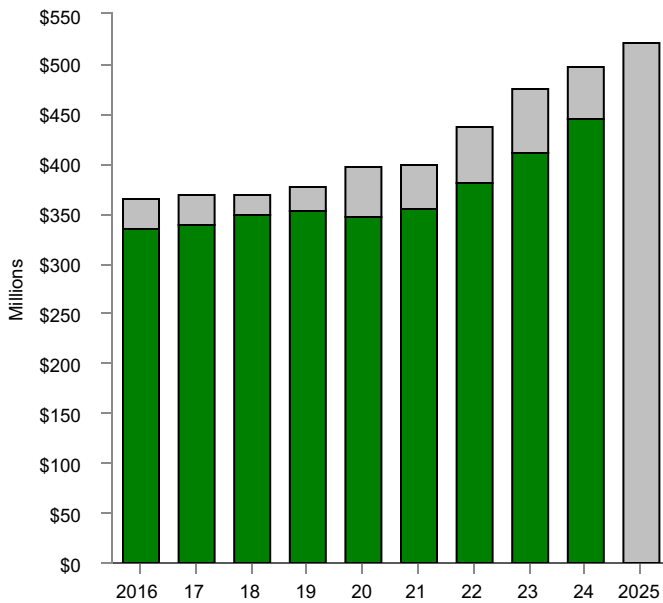
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# CORPORATE FUND PROGRAMS

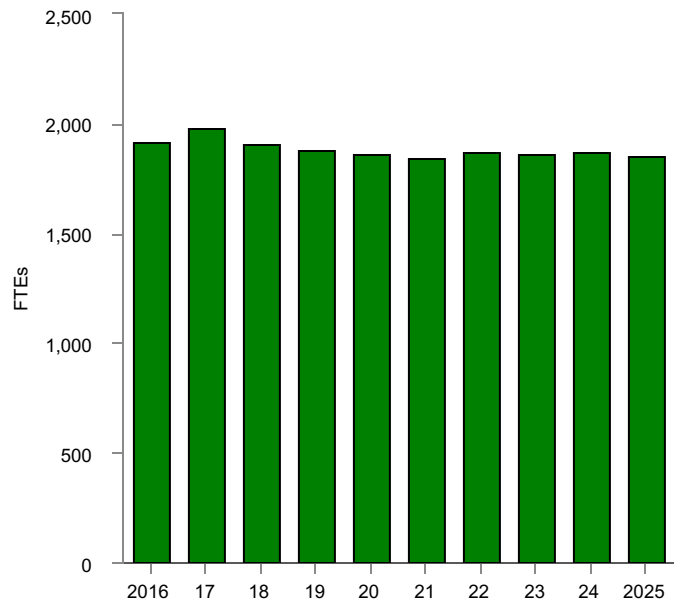
2025	\$522,294,700
2024	\$497,258,600
Increase	\$25,036,100



## APPROPRIATIONS & EXPENDITURES



## BUDGETED FTE POSITIONS

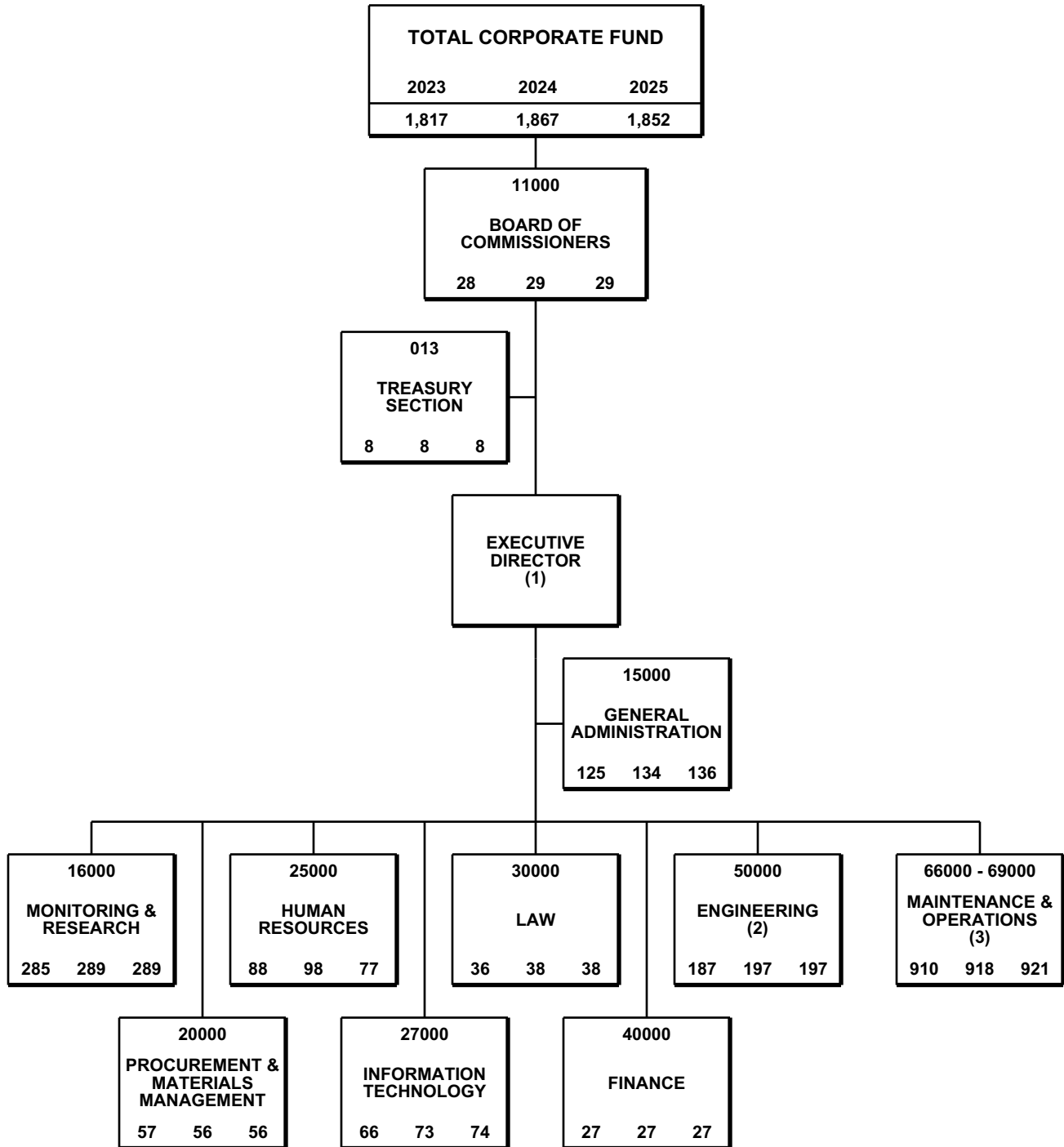


2024 Expenditures are estimated

EXPENDITURES
  APPROPRIATIONS



# CORPORATE FUND



- (1) Personnel count for the Executive Director's Office is reflected in General Administration.
- (2) 74 positions are funded by the Stormwater Management Fund, the management of which remains in the Engineering Department.
- (3) 28 positions are funded by the Stormwater Management Fund, the management of which remains in the Maintenance & Operations Department.

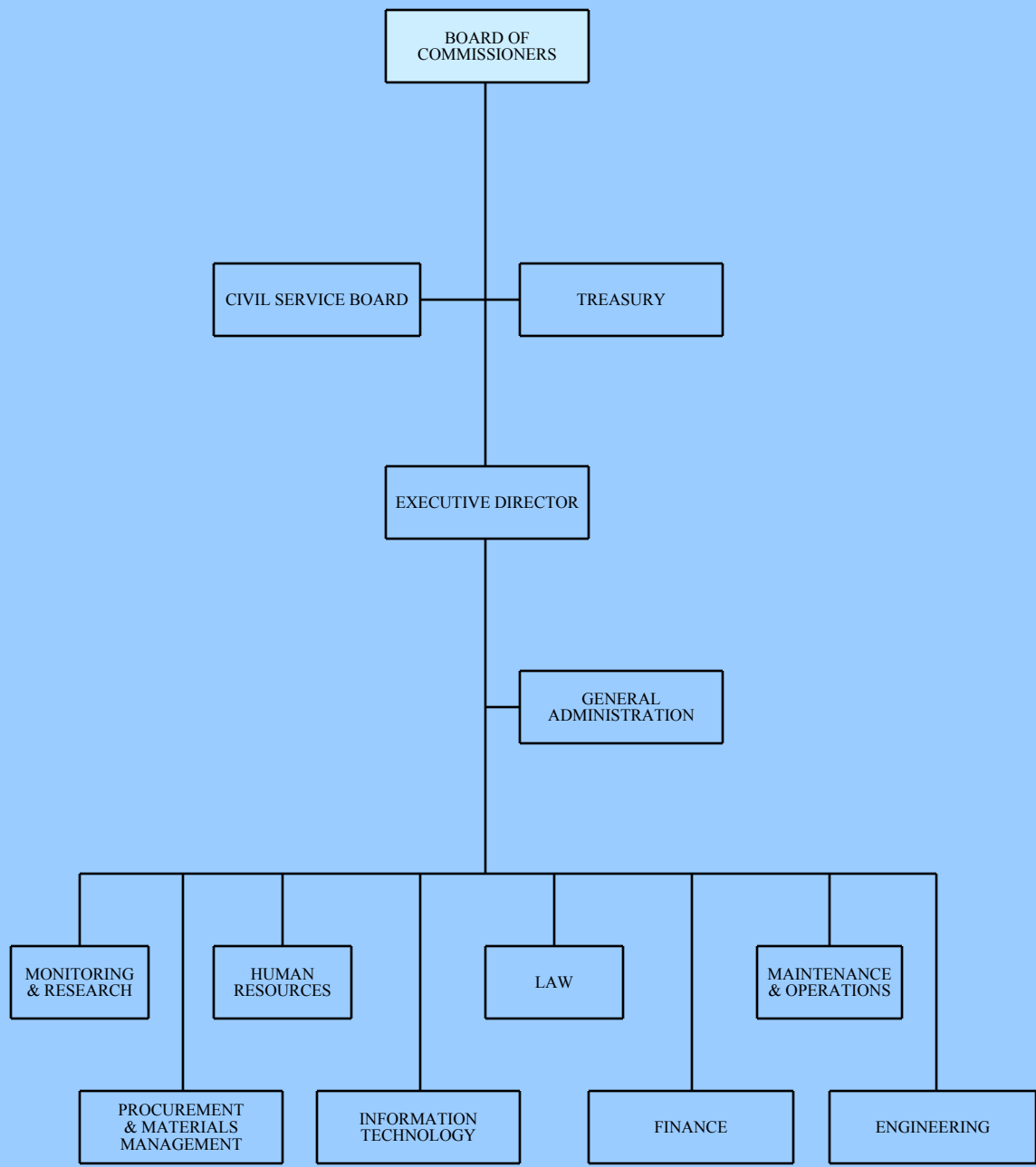
101 11000 - 69000	Fund: Corporate Department: All	LINE ITEM ANALYSIS						
		2023	2024				2025	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$190,126,862	\$ 208,664,500	\$ 208,618,700	\$ 145,020,739	\$194,671,100	\$ 212,230,300	\$ —
601060	Compensation Plan Adjustments	8,066,904	9,255,900	9,255,900	5,223,379	6,626,600	10,999,600	—
601070	Social Security and Medicare Contributions	2,814,048	3,250,500	3,250,500	2,255,532	2,917,100	3,316,500	—
601080	Salaries of Nonbudgeted Employees	115,628	5,000	50,800	28,606	28,700	5,000	—
601090	Employee Claims	73,508	100,000	100,000	9,814	65,000	100,000	—
601100	Tuition and Training Payments	801,739	1,468,600	1,468,600	703,878	1,156,000	1,521,500	—
601250	Health and Life Insurance Premiums	43,477,851	52,404,100	52,404,100	31,607,280	41,768,900	51,581,700	—
601270	General Salary Adjustments	—	—	—	—	—	2,701,100	—
601300	Personal Services, N.O.C. (Not Otherwise Classified)	604,690	1,001,500	1,001,500	528,911	714,800	1,001,500	—
100	TOTAL PERSONAL SERVICES	246,081,230	276,150,100	276,150,100	185,378,139	247,948,200	283,457,200	—
612010	Travel	50,998	151,200	151,200	45,666	117,600	118,500	—
612030	Meals and Lodging	153,478	319,900	319,900	141,924	269,900	266,900	—
612040	Postage, Freight, and Delivery Charges	90,979	85,600	83,700	42,782	78,500	102,100	—
612050	Compensation for Personally-Owned Automobiles	131,649	161,000	162,300	97,080	125,200	149,900	—
612080	Motor Vehicle Operating Services	62,249	64,500	76,500	63,348	62,700	59,200	—
612090	Reprographic Services	22,037	90,800	90,800	51,232	50,400	294,800	—
612150	Electrical Energy	49,711,080	55,554,100	55,295,500	42,510,190	56,733,700	54,854,000	—
612160	Natural Gas	2,198,584	3,904,900	3,204,900	982,207	2,758,800	3,015,800	—
612170	Water and Water Services	1,682,286	2,220,300	1,920,300	880,401	1,813,400	1,971,600	—
612210	Communication Services	2,496,639	3,533,800	4,947,700	4,937,104	4,626,800	7,017,600	—
612240	Testing and Inspection Services	793,230	4,671,600	4,671,600	2,970,583	3,451,700	4,600,800	—
612250	Court Reporting Services	44,948	99,000	99,000	99,000	74,500	106,000	—
612260	Medical Services	483,970	570,700	570,700	526,800	518,300	606,900	—
612280	Subscriptions and Membership Dues	894,722	978,600	978,600	627,368	951,800	1,001,100	—
612290	Insurance Premiums	4,803,791	5,154,700	5,154,700	366,516	5,704,600	6,659,700	—
612330	Rental Charges	398,429	1,647,100	1,618,900	1,575,227	899,800	2,097,400	—
612340	Discount Lost	3,951	3,000	3,000	2,247	3,000	3,000	—
612360	Advertising	106,683	152,400	152,400	126,773	115,500	151,600	—
612370	Administration Building Operation	1,213,411	1,586,200	1,586,200	1,349,922	1,584,100	1,583,300	—
612390	Administration Building McMillan Pavilion Operation	707,698	915,800	915,800	849,058	491,600	869,800	—
612400	Intergovernmental Agreements	76,407	80,000	80,000	80,000	76,400	80,000	—
612410	Governmental Service Charges	4,677,806	5,062,200	5,062,200	4,114,181	5,073,200	5,062,400	—

101 11000 - 69000	Fund: Corporate Department: All	LINE ITEM ANALYSIS						
		2023	2024				2025	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
612420	Maintenance of Grounds and Pavements	1,723,697	2,104,600	1,704,600	1,615,366	1,314,800	2,137,300	—
612430	Payments for Professional Services	4,038,358	7,720,700	7,275,700	5,857,047	5,119,400	6,682,600	—
612490	Contractual Services, N.O.C.	1,189,492	2,364,500	2,022,400	1,714,043	1,446,700	1,921,900	—
612520	Waste Material Disposal Charges	15,858,277	16,069,200	19,667,800	19,391,460	18,966,900	25,900,300	—
612530	Farming Services	19,405	75,000	75,000	75,000	75,000	120,000	—
612590	Sludge Disposal	3,554,243	5,800,000	5,200,000	5,200,000	3,200,000	5,900,000	—
612600	Repairs to Collection Facilities	4,451,668	8,479,100	7,760,500	6,021,877	4,733,700	7,728,800	—
612620	Repairs to Waterway Facilities	173,592	482,100	482,100	447,030	270,400	7,612,700	—
612650	Repairs to Process Facilities	12,185,354	14,936,100	14,846,100	14,689,477	11,732,700	13,011,300	—
612670	Repairs to Railroads	93,150	536,000	496,000	467,266	450,400	396,000	—
612680	Repairs to Buildings	1,877,265	2,997,600	2,900,200	2,600,063	2,081,100	2,851,800	—
612760	Repairs to Material Handling and Farming Equipment	436,101	351,000	356,000	353,587	320,700	356,000	—
612780	Safety Repairs and Services	479,023	553,700	553,700	507,709	468,900	661,000	—
612790	Repairs to Marine Equipment	21,181	43,000	43,000	40,700	39,000	42,500	—
612800	Repairs to Office Furniture and Equipment	58,181	81,100	89,200	77,629	53,300	83,000	—
612810	Computer Equipment Maintenance	118,623	278,100	278,100	255,455	94,500	503,500	—
612820	Computer Software Maintenance	5,419,937	6,441,100	6,301,800	5,643,108	5,686,700	6,827,600	—
612840	Communications Equipment Maintenance (Includes Software)	817,493	908,700	908,700	807,271	834,800	1,025,800	—
612860	Repairs to Vehicle Equipment	616,354	459,900	774,900	759,211	622,200	425,100	—
612970	Repairs to Testing and Laboratory Equipment	353,496	528,800	528,800	479,447	490,700	464,500	—
612990	Repairs, N.O.C.	8,297	32,200	32,200	19,847	10,800	35,200	—
200	TOTAL CONTRACTUAL SERVICES	124,298,212	158,249,900	159,442,700	129,462,202	143,594,200	175,359,300	—
623030	Metals	273,530	282,600	232,600	189,213	249,100	278,600	—
623070	Electrical Parts and Supplies	4,221,707	5,922,100	6,657,100	5,941,850	5,968,100	6,350,300	—
623090	Plumbing Accessories and Supplies	1,633,660	1,945,200	2,215,200	1,871,899	2,101,800	2,135,400	—
623110	Hardware	113,724	121,000	131,000	122,305	125,800	129,100	—
623130	Buildings, Grounds, Paving Materials, and Supplies	401,335	511,500	511,500	458,888	427,200	519,300	—
623170	Fiber, Paper, and Insulation Materials	68,944	65,500	75,500	66,484	63,000	80,800	—
623190	Paints, Solvents, and Related Materials	52,072	55,300	55,300	41,269	44,700	49,500	—
623250	Vehicle Parts and Supplies	197,768	258,200	258,200	234,649	213,000	286,600	—
623270	Mechanical Repair Parts	4,648,964	6,521,900	7,021,900	6,493,824	6,195,300	6,629,100	—

101 11000 - 69000	Fund: Corporate Department: All	LINE ITEM ANALYSIS						
		2023	2024				2025	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623300	Manhole Materials	68,827	140,000	140,000	140,000	135,000	50,000	—
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	294,477	452,000	459,100	345,876	388,400	485,000	—
623530	Farming Supplies	19,511	14,000	14,000	13,429	14,000	19,000	—
623560	Processing Chemicals	15,518,328	31,011,000	28,228,000	27,155,689	25,606,400	33,895,300	—
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	1,413,948	1,306,100	1,306,100	1,161,982	1,187,800	1,341,800	—
623660	Cleaning Supplies	332,821	313,500	358,500	354,111	336,400	343,700	—
623680	Tools and Supplies	430,634	496,300	559,300	474,386	536,200	481,000	—
623700	Wearing Apparel	273,864	309,500	273,500	224,857	287,000	282,700	—
623720	Books, Maps, and Charts	14,231	28,400	28,400	15,746	25,800	24,000	—
623780	Safety and Medical Supplies	360,406	385,900	409,900	321,502	370,600	417,000	—
623800	Computer Software	236,113	238,300	232,200	148,885	178,500	286,300	—
623810	Computer Supplies	971,874	907,300	601,300	512,577	577,600	1,054,600	—
623820	Fuel	630,692	901,000	901,000	765,943	792,200	862,900	—
623840	Gases	104,596	139,600	175,600	148,355	177,500	127,000	—
623850	Communications Supplies	272,465	296,700	296,700	195,583	205,200	41,000	—
623860	Lubricants	386,568	390,400	390,400	348,594	404,600	430,400	—
623990	Materials and Supplies, N.O.C.	303,064	371,900	460,100	392,051	422,300	409,000	—
300	TOTAL MATERIALS AND SUPPLIES	33,244,125	53,385,200	51,992,400	48,139,947	47,033,500	57,009,400	—
634600	Equipment for Collection Facilities	30,055	45,000	45,000	44,858	39,800	45,000	—
634650	Equipment for Process Facilities	1,118,841	2,903,700	2,899,100	2,794,183	1,468,100	3,079,500	—
634760	Material Handling and Farming Equipment	1,652,460	2,307,000	2,321,600	2,319,636	1,745,200	1,238,400	—
634780	Safety and Medical Equipment	28,483	—	—	—	—	—	—
634790	Marine Equipment	123,677	—	—	—	—	125,000	—
634800	Office Furniture and Equipment	46,324	38,000	49,300	49,155	49,200	—	—
634810	Computer Equipment	995,748	545,000	362,300	97,369	140,000	445,000	—
634820	Computer Software	128,401	109,500	109,500	100,644	100,600	—	—
634840	Communications Equipment (Includes Software)	114,940	90,000	132,700	132,623	132,700	—	—
634860	Vehicle Equipment	836,165	1,201,300	1,241,600	1,211,461	1,205,800	345,000	—
634970	Testing and Laboratory Equipment	644,903	797,900	797,900	785,067	697,500	227,000	—
634990	Machinery and Equipment, N.O.C.	449,762	576,000	854,400	790,401	783,200	181,900	—
400	TOTAL MACHINERY AND EQUIPMENT	6,169,759	8,613,400	8,813,400	8,325,397	6,362,100	5,686,800	—

101 11000 - 69000	Fund: Corporate Department: All	LINE ITEM ANALYSIS						
		2023	2024			2025		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
667130	Taxes on Real Estate	699,682	860,000	860,000	710,653	710,700	782,000	—
700	TOTAL FIXED AND OTHER CHARGES	699,682	860,000	860,000	710,653	710,700	782,000	—
TOTAL CORPORATE FUND		\$410,493,008	\$ 497,258,600	\$ 497,258,600	\$ 372,016,338	\$445,648,700	\$ 522,294,700	\$ —

NOTES: 1. Amounts may not add up due to rounding.  
 2. Departmental appropriation totals for salaries in the Line Item Analysis may differ from those contained in the Position Analysis by a factor identified to adjust for vacancies.  
 Additionally, Estimated Expenditure may either exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.



**Metropolitan Water Reclamation District of Greater Chicago**

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

312.751.5600

September 10, 2024

Mr. Brian A. Perkovich  
Executive Director  
OFFICE

Dear Sir:

Subject: 2025 Program for the Board of Commissioners

The Board of Commissioners' program for 2025, as prepared in detail, is transmitted herewith. The budget presentation supports the request for funding of the department's 2025 initiatives in alignment with and in support of the Strategic Plan. The budget requests include all amendments as directed by you during the Executive Director Budget Hearings in August of this year.

The narrative provides a summary of the department, 2025 major initiatives and challenges, and 2024 accomplishments. Supporting schedules of objectives, performance, and staffing levels present three years of detailed budgetary information.

Thank you for the opportunity to present the proposed Board of Commissioners budget for 2025.

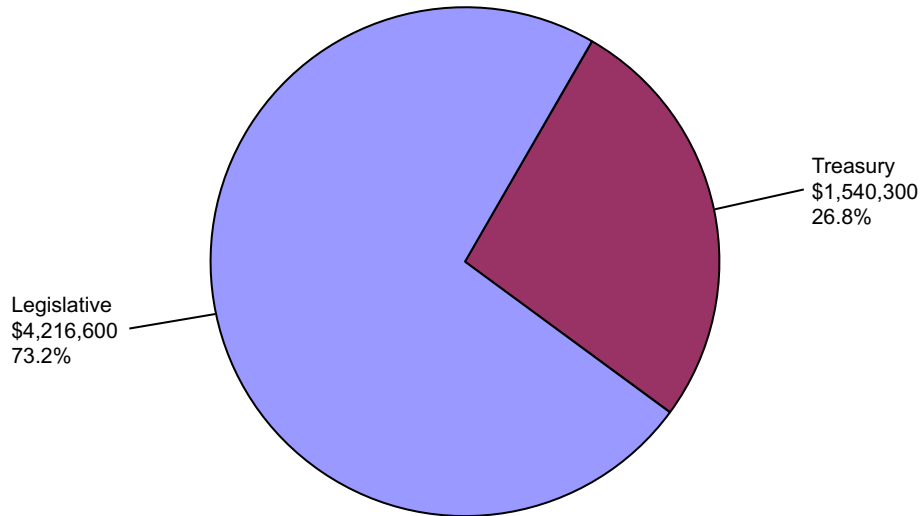
Respectfully submitted,



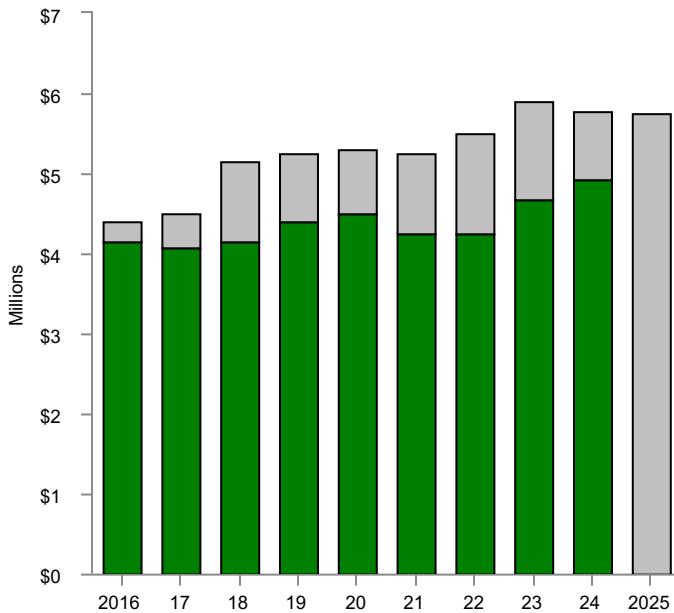
Steven J. Lux  
Treasurer

# BOARD OF COMMISSIONERS PROGRAMS

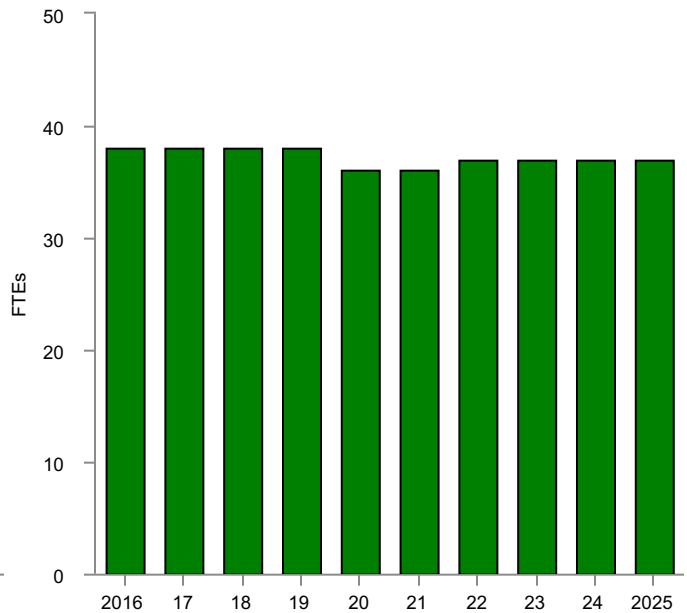
2025	\$5,756,900
2024	\$5,780,600
Decrease	(\$23,700)



## APPROPRIATIONS & EXPENDITURES



## BUDGETED FTE POSITIONS



2024 Expenditures are estimated

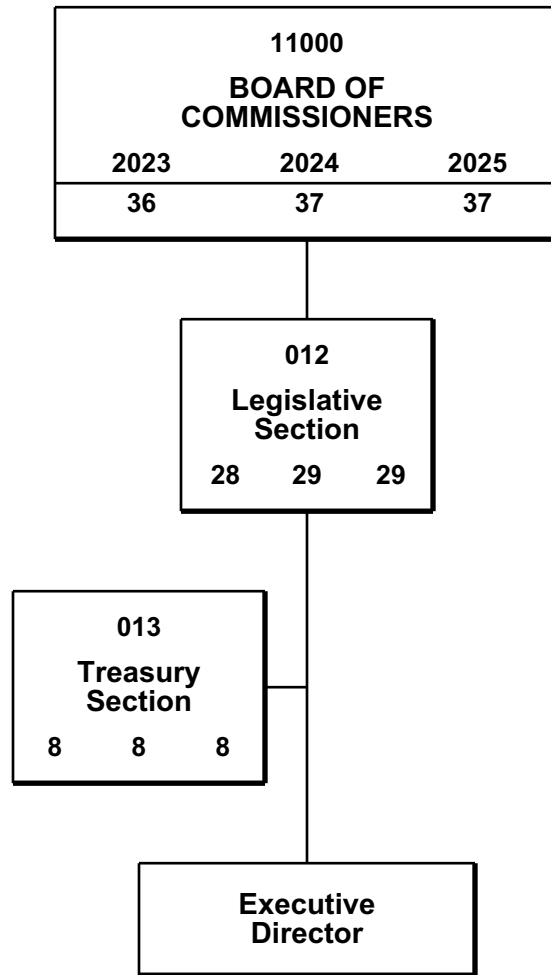
■ EXPENDITURES      ■ APPROPRIATIONS

**2022** - Increase is due to the addition of a Financial Analyst position to the Treasury Section to support the five-year Strategic Plan's implementation efforts.

**2018** - Increase is due to the addition of an Inspector General to the Legislative Section.



# BOARD OF COMMISSIONERS



## BOARD OF COMMISSIONERS

**The mission of the Board of Commissioners is the mission of the Metropolitan Water Reclamation District of Greater Chicago (District): to protect the health and safety of the public in its service area, protect the quality of the water supply source (Lake Michigan), improve the quality of water in watercourses in its service area, protect businesses and homes from flood damages, and manage water as a vital resource for its service area.**

**The mission of the Treasury Section is to provide quality management of the District's financial resources by maximizing income on investments with minimal risk, issuing bonds to finance the wastewater collection, treatment, and flood control facilities' capital needs, cost-effectively meeting the cash requirements of the District's operations through the utilization of appropriate technology and efficient banking practices, and maintaining the District's outstanding bond rating.**

### Departmental Summary

The Board of Commissioners comprises two sections: Legislative and Treasury. The Legislative Section is the policy-making entity of the District, responsible for establishing policies and procedures consistent with the District's mission of protecting the water environment for the citizens of Cook County and providing a forum to facilitate community involvement. The Treasury Section is responsible for the collection and investment of District revenues, the issuance of bonds to meet District capital requirements, the payment of principal and interest on outstanding bonds as required, and the maintenance of the District's bond ratings.

### Summary of 2024 Major Accomplishments

- Investment interest income earned for the year was approximately \$39.4 million, an increase from the previous year due to prior investments purchased at greater yields during past years' higher interest rate environments. As of year-end, the District experienced no loss on investments;
- Roughly 75 percent of new investment purchases were facilitated by minority-owned, women-owned, and veteran-owned enterprises;
- Investment activities incorporated sustainability considerations according to the revised Investment Policy and guidelines implemented in December 2019. One hundred percent of the District's applicable commercial paper holdings met policy guidelines for environmental, social, and governance factors at the time of purchase. Additionally, all government agency and municipal bond investments in the District's inventory directly or indirectly support environmental, social, and governance practices;
- The District completed a bond issuance of new money and refunding bonds to fund upcoming construction projects;
- The District remained committed to the funding policy goals for the Retirement Fund and the Other Postemployment Benefits (OPEB) Trust Fund with contributions in excess of the annual Actuarially Determined Contribution amounts, including special employer contributions of \$42.7 million and \$5.0 million, respectively. As of December 31, 2023, the Retirement Fund's funded ratio was 55.5 percent and the OPEB Trust Fund's funded ratio was 96.4 percent;
- The Treasury Section continued to administer the District's 2021-2025 Strategic Plan; for updates on the Plan, please see the Strategic Plan section of <https://mwrdd.org/what-we-do/strategic-plan>;
- The District's AAA credit rating with stable outlook and AA+ rating with stable outlook were reaffirmed by Fitch Ratings and S&P Global Ratings, respectively.

### 2025 Appropriation and Position Summary

The 2025 appropriation for the Board of Commissioners is \$5,756,900, a decrease of \$23,700, or 0.4 percent, from 2024. The staffing level remains unchanged at 37 positions.

### 2025 Budget Highlights

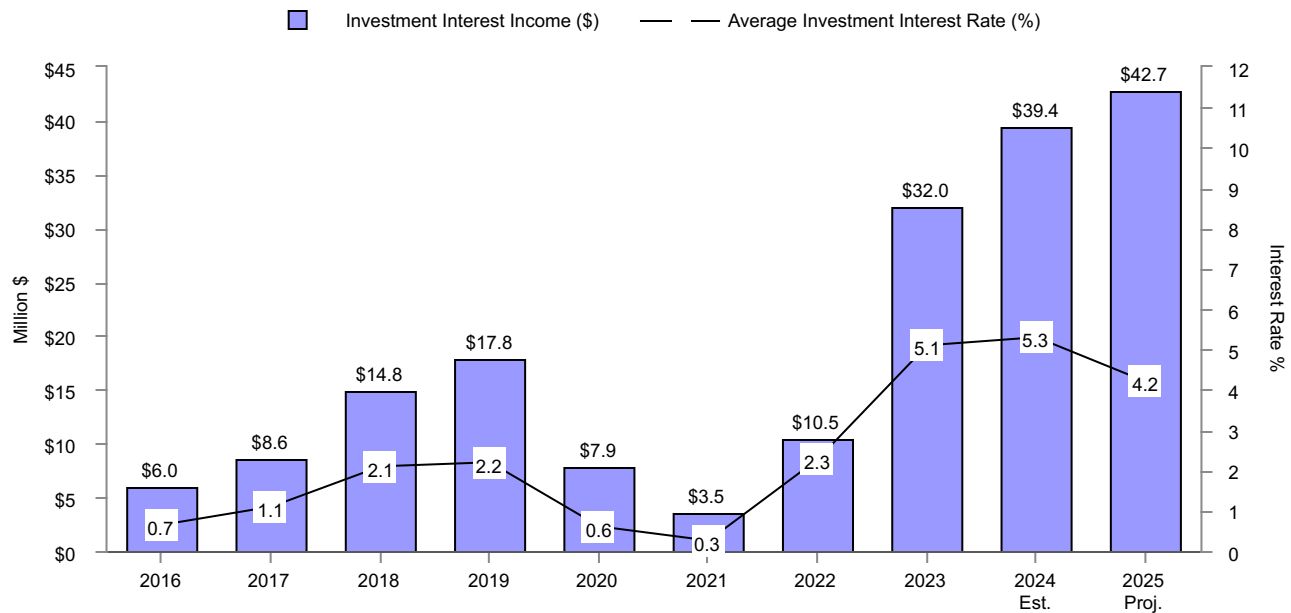
The following budget highlights support the District's Strategic Plan Goal of Enterprise Resilience, ensuring ongoing services that are reliable, equitable, and cost-effective, preparing for other manmade and natural events, and strengthening the District's operational and financial positions.

#### Maintaining strong fiscal management

- The District will evaluate a variety of low-cost funding options including subsidized loans through the Illinois Environmental Protection Agency State Revolving Fund and the U.S. Environmental Protection Agency Water Infrastructure Finance and Innovation Act loan programs;
- The Treasury Section will continue to support the Capital Finance Program through the prudent use of debt financing for capital needs and debt service savings over the next five years, including the issuance of bonds along with any other feasible low-cost funding options in compliance with federal securities laws and state statutory authorization;

- The Treasury Section will review opportunities to prepay additional State Revolving Fund Loans and explore other innovative ideas to ensure efficient and cost-effective debt management;
- Investment income is projected to increase, even though market rates are expected to decrease as the Federal Reserve cuts interest rates. In recent years, the District was able to replace low-yielding securities with higher-yielding, medium-term investments resulting from prior rate increases by the Federal Reserve to combat inflation. In every rate environment, the Treasury Section will continually maximize investment security and yields by considering different investment strategies while adhering to statutory and investment policy guidelines. The investment interest income estimate is \$42.7 million for 2025;
- The Legislative Section will continue an agreement with the Cook County Office of the Independent Inspector General in 2025. Inspectors General are accountable to the taxpayers with a role to detect and prevent waste, fraud, and abuse, thereby building trust in government. The Inspector General investigates complaints or allegations of wrongdoing or misconduct within the programs or operations of the District;
- The District is strongly committed to achieving an adequately funded pension plan and will continue to seek excess contribution sources to improve the plan's funding ratio;
- The Treasury Section will strive to maintain AAA/AA+ bond credit ratings with stable outlooks from Fitch and Standard & Poor's Global Ratings, respectively.

### Average Investment Interest Rate on Purchases All Funds 2016-2025



Ending Investment Inventory (Par Value) (Dollars in Millions)	2016	2017	2018	2019	2020	2021	2022	2023	2024 Est.	2025 Proj.
	\$711.3	\$736.7	\$684.0	\$670.5	\$656.1	\$895.3	\$796.0	\$960.5	\$1,145.0	\$1,084.0

*Interest rates have stabilized in 2024 as the Federal Reserve has kept the Federal Funds rate at 5.33 percent since mid-year 2023. Projected year-end rates for 2024 and 2025 are 5.13 percent and 4.13 percent, respectively.*

The following budget highlights support the District's Strategic Plan Goal of Community Engagement, ensuring that the District is an inclusive business partner.

#### Increase diverse participation in District contracts

- The Treasury Section endeavors to make the District an inclusive business partner by aspiring to award a minimum of 32 percent of its bond professional services and 70 percent of its new investment purchases to minority-owned, women-owned, and veteran-owned (MBE,WBE,VBE) business enterprises;
- The Treasury Section seeks out community banks with which to invest as a way to remain connected to and collaborate with the local community;
- The Legislative Section continues community outreach to bring awareness to the District's environmental achievements and its dedication to environmental equality.

**11000 BOARD OF COMMISSIONERS**

**OBJECTIVES AND PROGRAM SUMMARY**

OBJECTIVES BY PRIORITY:		Cost	Percent
1.	Establish policies and priorities to guide the Executive Director in meeting the District's responsibilities: ensuring the protection of the environment and the health and welfare of people in the community in the most responsive, efficient, and economical manner.	\$ 4,216,600	73.2 %
2.	Provide cash management services to maximize investment interest return without sacrifice of principal or required liquidity, measured by exceeding the benchmark 90-day Treasury bill rate and investment on average of over 99 percent of available funds.	\$ 841,000	14.6 %
3.	Enhance the District's image in national financial markets through the prudent use of debt financing for capital needs and debt service savings.	\$ 383,900	6.7 %
4.	Perform strategic planning and management research studies of District operations.	\$ 161,500	2.8 %
5.	Administer the Other Postemployment Benefit Trust investment and reporting activities.	\$ 153,900	2.7 %
<b>Totals</b>		<b>\$ 5,756,900</b>	<b>100.0 %</b>

PROGRAMS BY PRIORITY:		2023	Budgeted		Change		
Number	Name	Actual	FTEs	Dollars	Dollars	Percent	
7110	Legislative	\$ 3,312,588	2025	29	\$ 4,115,800	\$ (16,500)	(0.4)
			2024	29	\$ 4,132,300		
7210	Treasury Activities	\$ 705,315	2025	4	\$ 841,000	\$ 200	—
			2024	4	\$ 840,800		
7252	Management and Organization Studies	\$ 150,698	2025	1	\$ 161,500	\$ 6,500	4.2
			2024	1	\$ 155,000		
7316	Other Postemployment Benefits Trust Management and Report Preparation	\$ 137,587	2025	1	\$ 153,900	\$ 2,300	1.5
			2024	1	\$ 151,600		
7601	Capital Financing Program and Other Related Costs	\$ 289,269	2025	2	\$ 383,900	\$ (15,400)	(3.9)
			2024	2	\$ 399,300		
7604	Social Security and Medicare Contributions	\$ 78,016	2025	—	\$ 100,800	\$ (800)	(0.8)
			2024	—	\$ 101,600		
<b>Totals</b>		<b>\$ 4,673,473</b>	2025	37	\$ 5,756,900	\$ (23,700)	(0.4)%
			2024	37	\$ 5,780,600		

**11000 BOARD OF COMMISSIONERS**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated
7110	Legislative	Cost	\$ 3,312,588	\$ 4,132,300	\$ 4,115,800
7210	Treasury Activities	Cost	\$ 705,315	\$ 840,800	\$ 841,000
7252	Management and Organization Studies	Cost	\$ 150,698	\$ 155,000	\$ 161,500
7316	Other Postemployment Benefits Trust Management and Report Preparation	Cost	\$ 137,587	\$ 151,600	\$ 153,900
7601	Capital Financing Program and Other Related Costs	Cost	\$ 289,269	\$ 399,300	\$ 383,900
7604	Social Security and Medicare Contributions	Cost	\$ 78,016	\$ 101,600	\$ 100,800
		Totals	\$ 4,673,473	\$ 5,780,600	\$ 5,756,900

101 11000	Fund: Corporate Department: Board of Commissioners	LINE ITEM ANALYSIS						
		2023	2024			2025		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 3,672,010	\$ 4,010,400	\$ 4,010,400	\$ 2,686,937	\$ 3,679,600	\$ 4,108,000	\$ —
601060	Compensation Plan Adjustments	17,815	60,400	60,400	14,833	42,400	53,200	—
601070	Social Security and Medicare Contributions	78,016	101,600	101,600	61,891	81,100	100,800	—
601100	Tuition and Training Payments	9,039	21,400	21,400	8,085	16,000	13,600	—
601300	Personal Services, N.O.C. (Not Otherwise Classified)	346,399	541,500	541,500	282,176	333,800	541,500	—
100	TOTAL PERSONAL SERVICES	4,123,279	4,735,300	4,735,300	3,053,922	4,152,900	4,817,100	—
612010	Travel	7,594	23,300	23,300	6,067	15,300	11,700	—
612030	Meals and Lodging	13,918	39,800	39,800	8,724	24,700	17,500	—
612040	Postage, Freight, and Delivery Charges	41	200	200	—	100	100	—
612050	Compensation for Personally-Owned Automobiles	—	200	1,500	557	1,500	1,000	—
612080	Motor Vehicle Operating Services	—	300	300	—	300	500	—
612280	Subscriptions and Membership Dues	29,224	30,500	30,500	29,600	30,500	32,400	—
612430	Payments for Professional Services	494,576	923,300	922,000	862,100	696,400	861,000	—
612490	Contractual Services, N.O.C.	610	700	700	610	700	1,100	—
200	TOTAL CONTRACTUAL SERVICES	545,964	1,018,300	1,018,300	907,658	769,500	925,300	—
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	4,096	27,000	27,000	6,000	11,000	14,500	—
623720	Books, Maps, and Charts	134	—	—	—	—	—	—
300	TOTAL MATERIALS AND SUPPLIES	4,230	27,000	27,000	6,000	11,000	14,500	—
TOTAL BOARD OF COMMISSIONERS		\$ 4,673,473	\$ 5,780,600	\$ 5,780,600	\$ 3,967,580	\$ 4,933,400	\$ 5,756,900	\$ —

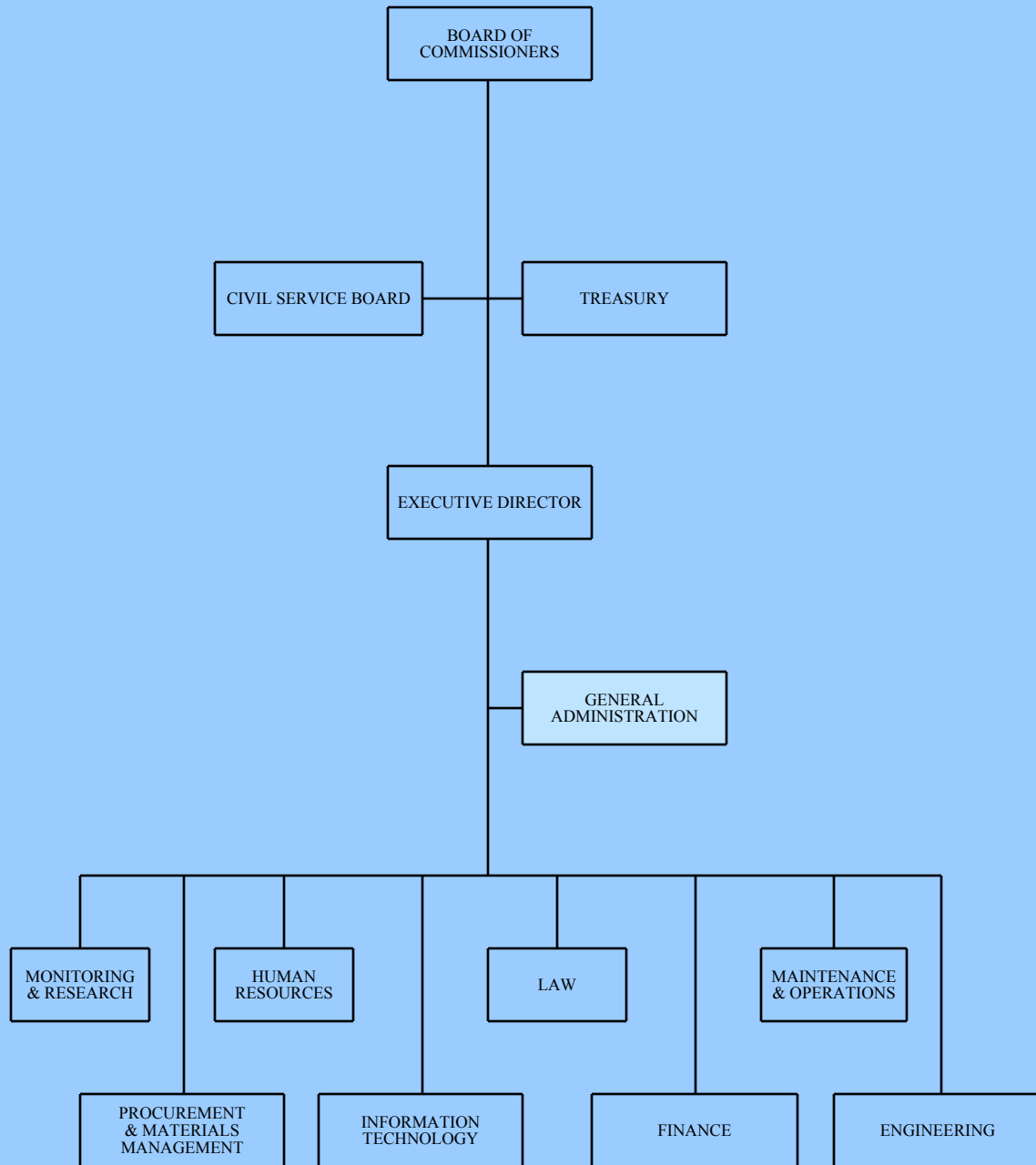
NOTES: 1. Amounts may not add up due to rounding.  
 2. Departmental appropriation totals for salaries in the Line Item Analysis may differ from those contained in the Position Analysis by a factor identified to adjust for vacancies.  
 Additionally, Estimated Expenditure may either exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.

Fund: Corporate Dept: Board of Commissioners		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>012</b>	<b>Legislative Section</b>					
EX22	President	1	1		1	
EX21	Vice President	1	1		1	
EX01	Commissioner (Chairman, Committee on Finance)	1	1		1	
EX02	Commissioner	6	6		6	
EX03	Administrative Aide to President	1	1		1	
EX04	Administrative Assistant to Commissioner (Secretary)	18	19		19	
TOTAL 012	Legislative Section	28	29	2,766,845	29	2,831,075
<b>013</b>	<b>Treasury Section</b>					
EX05	Treasurer	1	1		1	
HP20	Assistant Treasurer	1	1		1	
HP18	Accounting Manager	1	1		1	
HP16	Financial Analyst	4	4		4	
EX06	Secretary to Officer	1	1		1	
TOTAL 013	Treasury Section	8	8	1,263,739	8	1,297,632
TOTAL	Board of Commissioners	36	37	4,030,585	37	4,128,707

NOTE: Departmental appropriation totals for salaries in the Position Analysis differ from those contained in the Line Item Analysis by a factor identified to adjust for vacancies. Salary ranges corresponding to the pay plan and grade for each class title can be found in the table of Salary Schedules in the Appendix. Dollar amounts may not add up due to rounding.

**NOTE PAGE**





**Metropolitan Water Reclamation District of Greater Chicago**

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

312.751.5600

September 10, 2024

Mr. Brian A. Perkovich  
Executive Director  
OFFICE

Dear Sir:

Subject: 2025 Program for General Administration

General Administration's program for 2025, as prepared in detail, is transmitted herewith. The budget presentation supports the request for funding of 2025 initiatives in alignment with and in support of the Strategic Plan. The budget requests include all amendments as directed by you during the Executive Director Budget Hearings in August of this year.

The narrative provides a summary of General Administration's organization, 2025 major initiatives and challenges, and 2024 accomplishments. Supporting schedules of objectives, performance, and staffing levels present three years of detailed budgetary information.

Thank you for the opportunity to present the proposed General Administration budget for 2025.

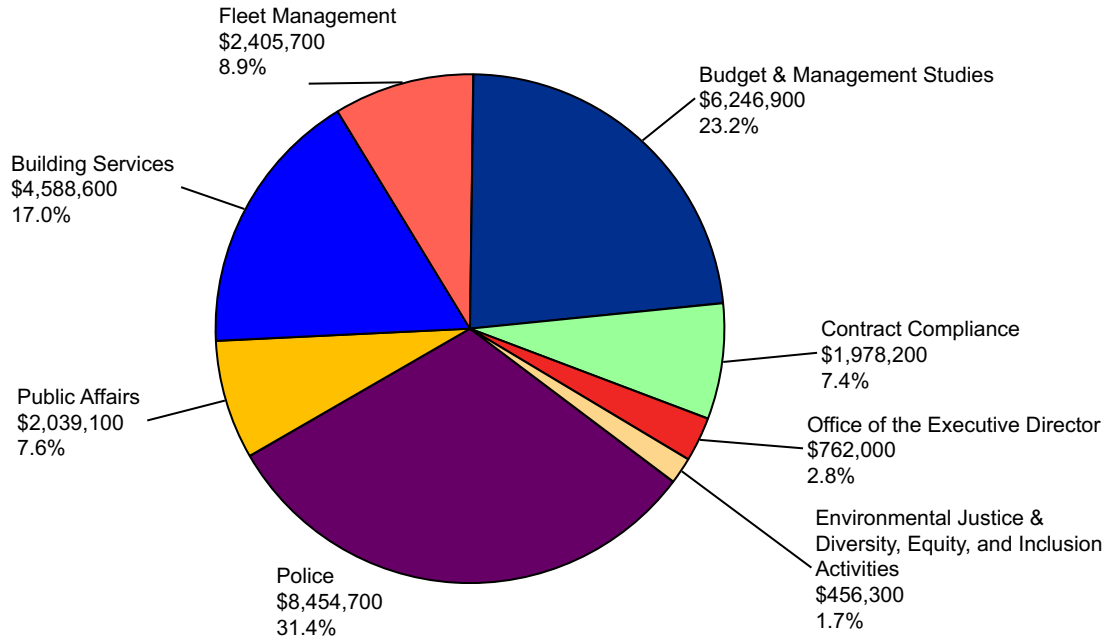
Respectfully submitted,



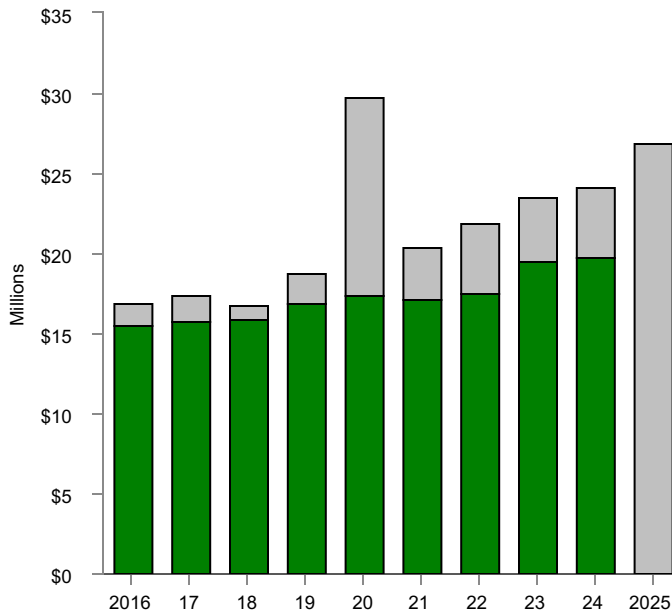
Administrative Services Officer

# GENERAL ADMINISTRATION PROGRAMS

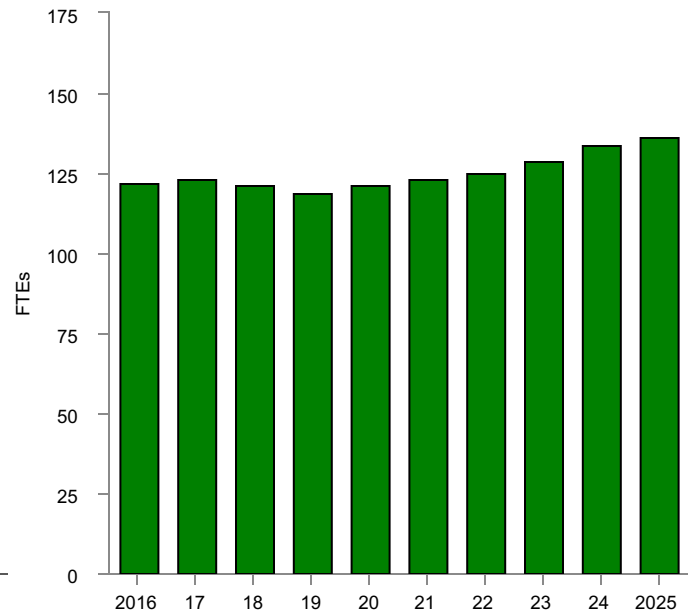
2025	\$26,931,500
2024	\$24,144,700
Increase	\$2,786,800



## APPROPRIATIONS & EXPENDITURES



## BUDGETED FTE POSITIONS

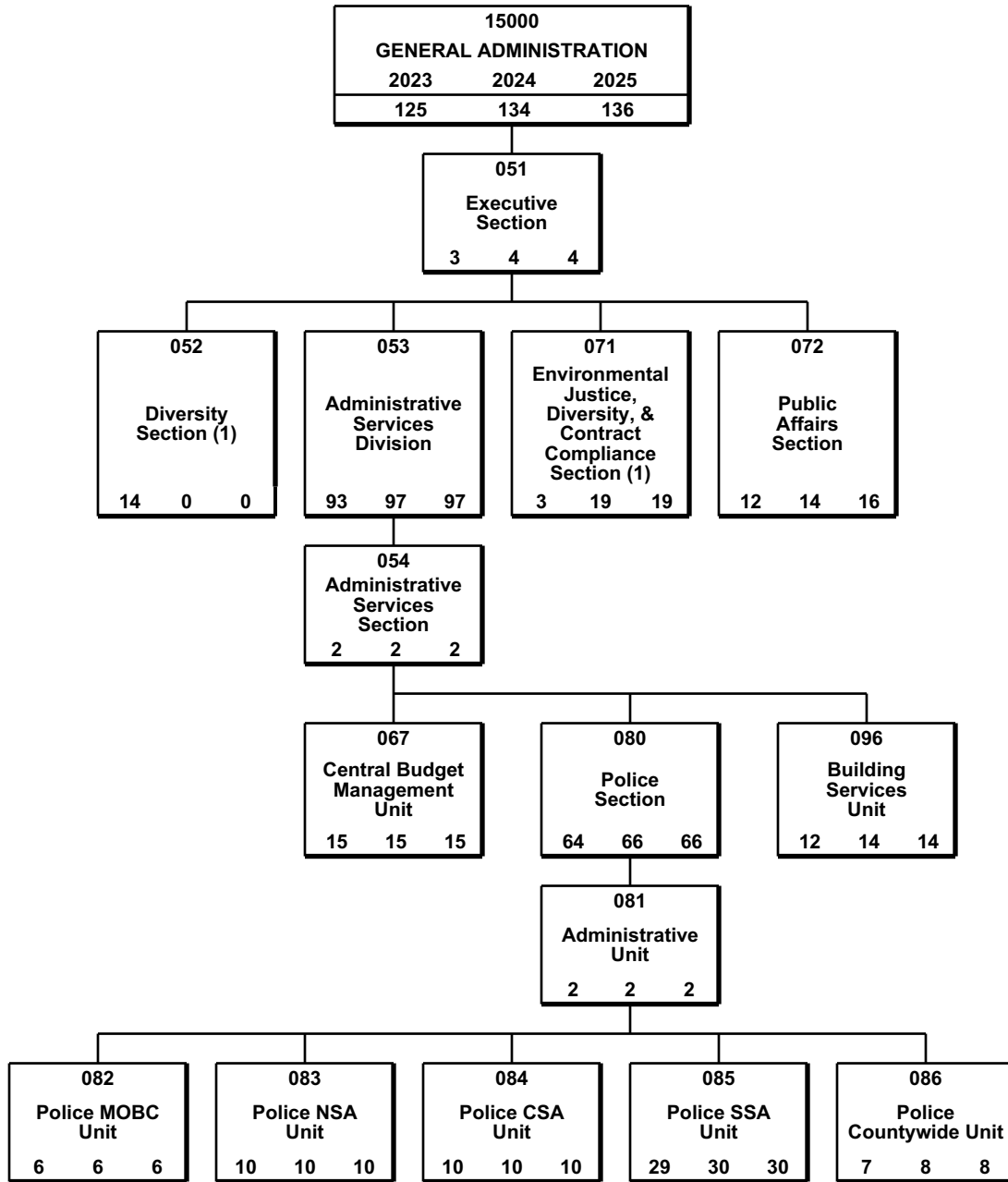


2024 Expenditures are estimated

EXPENDITURES
  APPROPRIATIONS

**2019** - Increase is due to the reallocation of several projects from the Construction Fund to the Corporate Fund.  
**2020** - Increase is due to a one-time budget item to replace the Enterprise Resource Planning System.

# GENERAL ADMINISTRATION



(1) Effective 01/01/24, Section 052, Diversity Section, was combined with Section 071, Environmental Justice Section. Section 071 was renamed to Environmental Justice, Diversity, & Contract Compliance Section that will coordinate District-wide environmental justice and diversity, equity, and inclusion related activities in support of the District's Strategic Plan Goals. The section also works to ensure competitive business opportunities for minority, women, small, and veteran business enterprises in District contracts.

## GENERAL ADMINISTRATION

**General Administration prepares an annual budget that underscores the District’s mission, keeps District facilities secure and running, expands diversity, equity, inclusion, and environmental justice throughout District work, and promotes a broader understanding of the District and its work to protect the region’s water environment.**

### Departmental Summary

Through three integrated sections, General Administration supports the Office of the Executive Director in implementing Board policies and the Strategic Plan. General Administration also collaborates with all eight District departments to enhance District services. Together, they develop a responsible and transparent budget that serves the needs of each department and upholds the District’s mission. The Administrative Services Division prepares and administers the annual budget and provides a secure work environment at District facilities. The Environmental Justice Section evaluates District services for equitable climate action planning and stormwater management, workforce development and community engagement. In 2024, the Diversity Section was integrated into the Environmental Justice Section, synergizing efforts to uphold equitable opportunities for all vendors to participate in District contracts. The Section was renamed to Environmental Justice, Diversity, & Contract Compliance Section. Finally, the Office of Public Affairs connects with Cook County area residents to promote a sense of ownership for the region’s water environment while also shedding light on the essential services that the District provides.

### Summary of 2024 Major Accomplishments

- Participated in external outreach events with over fifteen organizations and hosted Diverse Business Summit to promote and increase the District's visibility among minority, women, small, veteran, LGBT, and disabled business enterprises;
- Implemented five additional modules to the compliance management software to expand the collecting, storing, and managing capabilities of the software used to monitor the affirmative action goals tied to District contracts;
- Developed the new District portal in conjunction with the Information Technology Department and the Human Resources Department;
- Worked on a second video series to promote careers at the District, and videos spotlighting stormwater management efforts;
- Finalized the implementation of a new District-wide budgeting system which will increase transparency to the public through interactive dashboards.

### 2025 Appropriation and Position Summary

The 2025 appropriation for General Administration is \$26,931,500, an increase of \$2,786,800, or 11.5 percent, from 2024. The staffing level has increased from 134 to 136 with the addition of two Senior Public Affairs Specialist positions.

### 2025 Budget Highlights

#### Administrative Services Division

This division will prepare and administer the annual budget, provide a secure work environment for all employees, visitors, contractors, and citizens, and provide support services to maintain the Main Office Building Complex.

The following budget highlights support the District's Strategic Plan Goal of Enterprise Resilience. The initiatives highlighted below ensure ongoing services that are reliable, equitable, cost-effective, and strengthen the District’s operational and financial positions.

#### Increase visibility around goals and performance indicators

- Finalize a new District-wide budgeting system with internal and external reporting capabilities to increase financial transparency.

#### Implement climate change and resiliency plans

- Interdepartmental team, established in 2023, will develop a long-term plan to address electric vehicle charging infrastructure.

#### Public Affairs Section

The Office of Public Affairs (OPA) works to position the District as a critical community asset and to ensure that the District is a responsive neighbor and inclusive business partner by raising public awareness of the value of the District’s work, expanding partnerships, conducting outreach, and reaching new audiences while encouraging public involvement. OPA serves as the liaison between the District and its stakeholders. The OPA staff facilitates proactive communications and networks with the community, educational, governmental, and non-governmental organizations to engage in all areas of our community outreach activities, whether in person or in a virtual environment.

The following budget highlights support the District's Strategic Plan Goal of Community Engagement. The initiatives highlighted below illustrate how the District is engaging with the community to position it as a critical community asset and to ensure that the District is a responsive neighbor and inclusive partner.

**Expand partnerships, outreach, and engagement to new audiences**

- Collaborate with the Environmental Justice, Diversity, & Contract Compliance Section on the first year of the Stickney Partnership Council meetings and activities while expanding the program;
- Continue to host in-person and virtual tours, including the District's 13th Annual Sustainability Summit to highlight emerging programs in both resource recovery and stormwater management;
- Continue working with local, state, and federal government representatives to hold events and share messaging and educational resources including brochures, videos and other collateral; participate in community outreach activities to educate the general public. Host hundreds of tours at District facilities and coordinate cultural celebrations;
- The OPA strives to increase community engagement and public outreach year over year through the following social media platforms.

Year	Facebook		Twitter		LinkedIn		YouTube		Instagram	
	Number of Followers	Percent Increase from Previous Year	Number of Followers	Percent Increase from Previous Year	Number of Followers	Percent Increase from Previous Year	Number of Followers	Percent Increase from Previous Year	Number of Followers	Percent Increase from Previous Year
2025 - Proposed	12,200	3%	6,300	3%	8,300	4%	1,800	29%	3,600	13%
2024 - Estimated	11,800	6%	6,100	5%	7,997	9%	1,400	22%	3,200	15%
2023 - Actual	11,096	12%	5,818	9%	7,366	12%	1,151	(100)%	2,777	26%

**Environmental Justice, Diversity, & Contract Compliance Section**

The Environmental Justice, Diversity, & Contract Compliance Section coordinates District-wide environmental justice (EJ) and diversity, equity, and inclusion (DEI) related activities in support of District's Strategic Plan Goals. The section also works to ensure competitive business opportunities for minority, women, small, and veteran business enterprises in District contracts.

The following budget highlights support the District's Strategic Plan Goal of Workforce Excellence. The initiatives highlighted below illustrate how the District is promoting diversity, equity, and inclusion within our workforce.

**Foster a culture that recognizes every employee**

- Partner with the Human Resources Department to develop and implement diversity, equity and inclusion initiatives through:
  - Reviewing the Engagement Survey and Focus Group Data with the Employee Development Section;
  - Implementing a formal Employee Resource Group Program at the District;
  - Creating career pathways through internships, mentoring, and apprenticeship programs;
  - Developing targeted recruitment, mentoring and professional development programs to increase diverse representation across job categories.

The following budget highlights support the District's Strategic Plan Goal of Community Engagement. The initiatives highlighted below illustrate how the District is engaging with the community to position it as a critical community asset and to ensure that the District is a responsive neighbor and inclusive business partner.

**Expand partnerships, outreach, and engagement to new audiences**

- Assist with outreach efforts to ensure that communities are aware of proposed projects allowing community members to provide input at public forums and participate in the decision-making processes when appropriate;
- Partner with the City Colleges of Chicago with hopes of developing apprentice programs for Treatment Plant Operators and curriculum paths related to wastewater treatment labs to build a pipeline for the future water workforce;
- Support the OPA to facilitate Community Partnership Councils and participate in outreach activities targeting schools, neighborhoods, community-based organizations, and environmental groups in EJ communities throughout the Cook County service area;
- Expand partnerships with several government and local agencies including local branches of the United States and Illinois Environmental Protection Agencies' Environmental Justice Departments, US Water Alliance, Water Environment Federation, and Center for Neighborhood Technologies to foster future projects in EJ communities;
- Participate as Core Project Partner for Current - Workforce Opportunity: Wastewater Based Epidemiology - Partners Include CCC, Cara Collective, DPI, and Department of Water Management;
- Participate as Water Workforce Task force Member for US Water Alliance/ Water Equity Network.

The following budget highlights support the District's Strategic Plan Goal of Enterprise Resilience. The initiatives highlighted below ensure ongoing services that are reliable, equitable, and cost-effective; achieve climate change and environmental justice protections; prepare for other manmade and natural events; and strengthen the District's operational and financial positions.

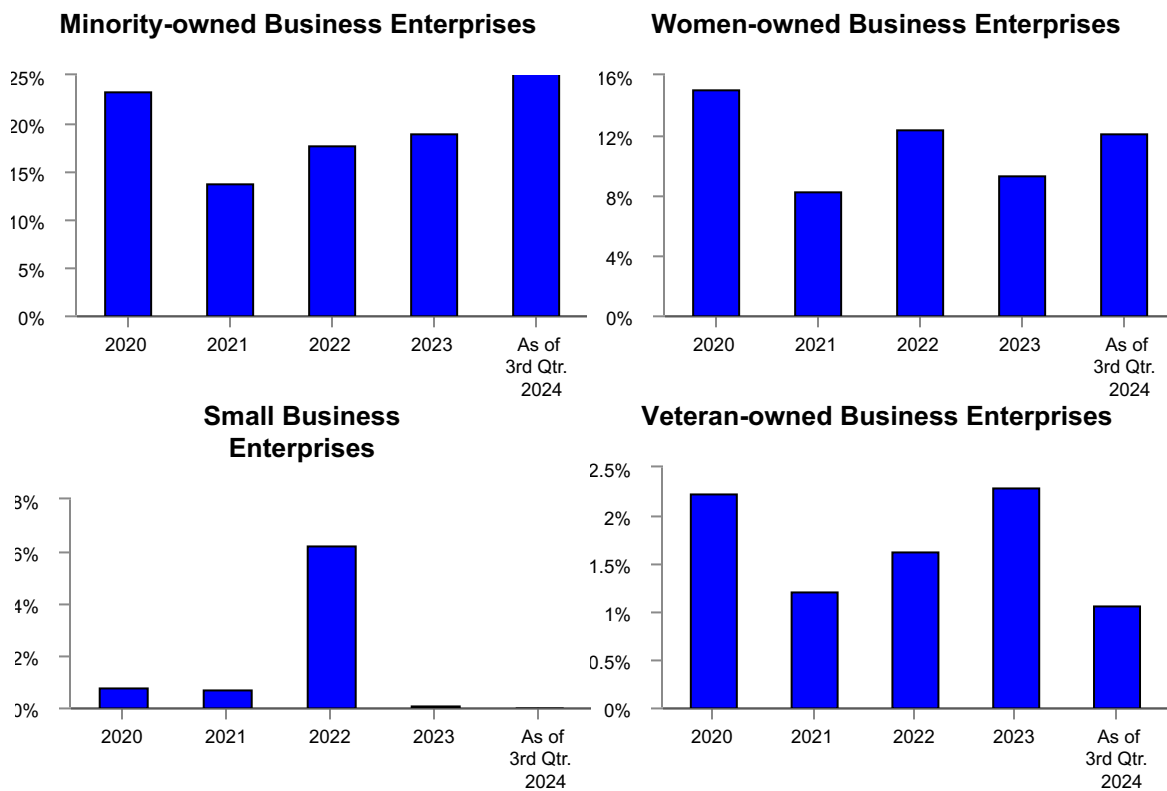
**Implement climate change and resiliency plans**

- Develop strategies to effectively educate EJ communities on the impacts of climate change particularly related to extreme weather and flooding, and working to educate communities on the District's stormwater projects.

**Increase diverse participation in District contracts**

- Implement the following changes recommended by the Disparity Study completed in 2022:
  - Administer a Small Business Program to include in the District's Affirmative Action Ordinance to ensure that all businesses have a fair chance to compete for District contracts;
  - Implement a Technical Assistance Program to provide planning, guidance, and application assistance to give smaller businesses competitive parity with larger companies in the bidding process;
  - Design and implement a Mentor Protege Program to motivate and encourage large business prime contractor firms to provide developmental assistance to smaller businesses that will be mutually beneficial to both parties.
- Continue the current extensive outreach initiative, forging vital partnerships and engaging with diverse audiences through strategic participation in key events.
- Strengthen initiatives to expand the roster of District assist agencies. These new strategic partnerships enable us to broaden our reach into diverse communities, allowing the District to better support small businesses, minority-owned, women-owned, veteran-owned, and other underrepresented groups business enterprises. These additional partnerships bring unique sectors of expertise, networks, and resources to strengthen our existing programs and efforts, allowing us to offer more comprehensive support to those we serve.
- Expand Diversity-led classes to prime contractors. Topics to be covered including proper bid submission, District policies, and how to maintain certification.
- Continue to expand the capability of the PRISM contract management software which will evaluate the impact of the department's current efforts and identify opportunities for improvement to further increase diverse participation on District contracts as follows:

Construction & Consulting Contracts	2020	2021	2022	2023	As of 2024 3rd Quarter
Minority-owned Business Enterprises	\$ 13,442,250	\$ 16,063,702	\$ 39,919,629	\$ 49,867,789	\$ 1,082,752
Women-owned Business Enterprises	\$ 8,686,314	\$ 9,547,472	\$ 28,130,975	\$ 24,427,168	\$ 292,712
Small Business Enterprises	\$ 431,330	\$ 835,463	\$ 14,041,626	\$ 157,399	\$ —
Veteran-owned Business Enterprises	\$ 1,284,384	\$ 1,393,112	\$ 3,682,377	\$ 5,995,196	\$ 25,800
Total Contracts Awarded	\$ 57,859,661	\$ 116,237,320	\$ 226,647,791	\$ 262,051,567	\$ 2,421,037



**15000 GENERAL ADMINISTRATION**

**OBJECTIVES AND PROGRAM SUMMARY**

OBJECTIVES BY PRIORITY:	Cost	Percent
1. Carry out the District's Core mission through the Goals outlined in the District's Strategic Plan and the policies established by the elected Board of Commissioners to protect Public Health and Chicago Area Waterways.	\$ 762,000	2.8 %
2. Reach participation goals established by the Board of Commissioners for Minority-owned Business Enterprises, Women-owned Business Enterprises, and Veteran-owned Business Enterprises for construction and professional services contracts.	\$ 1,978,200	7.4 %
3. Coordinate District-wide environmental justice (EJ) and diversity, equity, and inclusion (DEI) related activities in support of District's Strategic Goals.	\$ 456,300	1.7 %
4. Provide public understanding of District functions and activities through media, publications, tours, and various forms of public outreach.	\$ 2,039,100	7.6 %
5. Prepare and administer the District's annual budget to be used as a policy, financial, operations, and communications plan in the furtherance of the District's mission and statutory requirements.	\$ 5,815,600	21.6 %
6. Operate and maintain the Main Office Building Complex to provide a functional and cost-effective office environment for staff, contractors, and visitors.	\$ 4,588,600	17.0 %
7. Physically protect and secure District personnel, facilities, and outlying properties through access control, police patrol, and proactive crime prevention.	\$ 8,454,700	31.4 %
8. Provide fleet management services by administering the operation, maintenance, repair, and procurement of the District's fleet.	\$ 2,405,700	8.9 %
9. Perform organization and management research studies and compliance audits to evaluate the District's various business activities for cost-saving opportunities, compliance with legal mandates, and policies established by the Board of Commissioners.	\$ 431,300	1.6 %
Total	<u>\$ 26,931,500</u>	<u>100.0 %</u>



**15000 GENERAL ADMINISTRATION**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change			
Number	Name	Actual	FTEs	Dollars	Dollars	Percent		
7100	Office of the Executive Director	\$ 579,659	2025	4 \$	480,500	\$ (333,800)	(41.0)	a)
			2024	4 \$	814,300			
7110	Legislative	\$ 288,699	2025	— \$	281,500	\$ 2,300	0.8	
			2024	— \$	279,200			
7220	Reprographic Services	\$ 447,480	2025	2 \$	737,000	\$ 235,200	46.9	b)
			2024	2 \$	501,800			
7230	Environmental Justice & Diversity, Equity, and Inclusion Activities	\$ 394,876	2025	4 \$	456,300	\$ (161,400)	(26.1)	c)
			2024	4 \$	617,700			
7240	Public Affairs	\$ 1,365,303	2025	16 \$	2,039,100	\$ 18,700	0.9	
			2024	14 \$	2,020,400			
7251	Corporate Budget Preparation, Monitoring, and Administration	\$ 2,092,085	2025	7 \$	5,070,900	\$ 2,756,200	119.1	d)
			2024	7 \$	2,314,700			
7252	Management and Organization Studies	\$ 339,583	2025	3 \$	431,300	\$ 21,400	5.2	
			2024	3 \$	409,900			
7253	Support Department Budget Preparation, Monitoring, and Administration	\$ 574,375	2025	5 \$	645,300	\$ 11,300	1.8	
			2024	5 \$	634,000			
7254	Enterprise System	\$ 84,527	2025	1 \$	99,400	\$ 1,800	1.8	
			2024	1 \$	97,600			
7340	Security of Plants and Properties	\$ 7,207,604	2025	66 \$	8,233,800	\$ (600)	—	
			2024	66 \$	8,234,400			
7460	Main Office Building Complex Services	\$ 3,419,915	2025	10 \$	3,851,600	\$ (199,900)	(4.9)	e)
			2024	10 \$	4,051,500			
7470	Contract Diversity	\$ 1,178,387	2025	15 \$	1,978,200	\$ 33,600	1.7	
			2024	15 \$	1,944,600			
7490	Automotive Fleet Operations	\$ 1,384,382	2025	3 \$	2,405,700	\$ 389,800	19.3	f)
			2024	3 \$	2,015,900			
7604	Social Security and Medicare Contributions	\$ 184,143	2025	— \$	220,900	\$ 12,200	5.8	
			2024	— \$	208,700			
Totals		\$19,541,018	2025	136	\$26,931,500	\$ 2,786,800	11.5 %	
			2024	134	\$24,144,700			

a) Decrease is due to a reallocation of salaries to more accurately reflect current activities (\$332,400).

b) Increase is due to the addition of scanning services to digitize District records (\$238,500).

c) Decrease is due to a reallocation of salaries to more accurately reflect current activities (\$154,200).

d) Increase is due to the inclusion of the District-wide Corporate Fund general salary adjustments (\$2,701,100).

e) Decrease is due to the deferment of adding visual capabilities to the fire alarm system at the Main Office Building Annex (\$90,000) and the reduction of Job Order Contracts (\$50,000), and Shared Maintenance of the Main Office Building Annex Lobby (\$50,000).

f) Increase is due to an increased amount of funding needed for lease payment of fleet vehicles on the Enterprise contract (\$460,000), offset by a reduction in fleet vehicle repairs and maintenance costs (\$54,000).

**15000 GENERAL ADMINISTRATION**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated	
7100	Office of the Executive Director	Cost	\$ 579,659	\$ 814,300	\$ 480,500	a)
7110	Legislative	Cost	\$ 288,699	\$ 279,200	\$ 281,500	
7220	Reprographic Services					
7221	Duplication Services	# of Impressions	2,543,859	2,268,554	2,671,051	b)
		Cost	\$ 432,062	\$ 485,500	\$ 720,500	c)
		Cost/Impression	\$ 0.17	\$ 0.21	\$ 0.27	
7224	Design Services	Cost	\$ 15,418	\$ 16,300	\$ 16,500	
7230	Environmental Justice & Diversity, Equity and Inclusion Activities					
7231	Diversity, Equity, and Inclusion Activities	Cost	\$ 200,900	\$ 320,600	\$ 237,400	d)
7232	Environmental Justice Activities and Programs	Cost	\$ 193,976	\$ 297,100	\$ 218,900	d)
7240	Public Affairs					
7245	Cultural Events and Diversity Programs	Cost	\$ 9,073	\$ 48,900	\$ 120,900	e)
7247	Internal Public Affairs					
	Interdepartmental Support	Cost	\$ 293,897	\$ 407,800	\$ 497,500	f)
7248	External Public Affairs					
	Respond to Public Inquiries and Furnish Public Information Pamphlets	Cost	\$ 354,657	\$ 522,037	\$ 474,297	
	Coordinate District Communications with Public, Civic, and Social Groups	Cost	\$ 193,786	\$ 285,243	\$ 259,158	
	Monitor Public Hearings, Board Meetings, Internet, and Media and Issue Press Releases	Cost	\$ 250,217	\$ 368,307	\$ 334,625	
	Special Public Events	Cost	\$ 263,673	\$ 388,113	\$ 352,620	
7250	Budget Preparation and Management Studies					
7251	Corporate Budget Preparation, Monitoring, and Administration	Cost	\$ 2,092,085	\$ 2,314,700	\$ 5,070,900	g)
7252	Management and Organization Studies	Cost	\$ 339,583	\$ 409,900	\$ 431,300	
7253	Support Department Budget Preparation, Monitoring, and Administration	Cost	\$ 574,375	\$ 634,000	\$ 645,300	
7254	Enterprise Systems	Cost	\$ 84,527	\$ 97,600	\$ 99,400	

a) Decrease is due to a reallocation of salaries to more accurately reflect current activities (\$332,400).  
 b) Increase is due to the printshop receiving more requests for printed materials to be distributed at events.  
 c) Increase is due to the addition of scanning services to digitize records (\$238,500).  
 d) Decrease is due to a reallocation of salaries to more accurately reflect current activities (\$154,200).  
 e) Decrease is due to a reallocation of salaries to more accurately reflect current activities (\$72,000).  
 f) Decrease is due to a reallocation of salaries to more accurately reflect current activities (\$52,500).  
 g) Increase is due to the inclusion of the District-wide Corporate Fund general salary adjustments (\$2,701,100).

**15000 GENERAL ADMINISTRATION**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated	
7340	Security of Plants and Properties					
	Patrol of District Facilities	# of Miles	91,668	99,499	99,499	
		Cost	\$ 1,395,298	\$ 1,594,072	\$ 1,593,955	
		Cost/Mile	\$ 15.22	\$ 16.02	\$ 16.02	
	Patrol of District Real Estate	# of Miles	213,587	231,000	210,000	
		Cost	\$ 3,945,661	\$ 4,507,760	\$ 4,507,432	
		Cost/Mile	\$ 18.47	\$ 19.51	\$ 21.46	
	Access Control to Facilities	# of Hours	45,150	45,150	45,150	
		Cost	\$ 1,866,645	\$ 2,132,568	\$ 2,132,413	
		Cost/Hour	\$ 41.34	\$ 47.23	\$ 47.23	
7460	Main Office Building Complex Services					
7461	Main Office Building Complex Operations	Area (Sq. Ft.)	198,901	198,901	198,901	
		Cost	\$ 3,131,997	\$ 3,758,600	\$ 3,535,600	h)
		Cost/Sq. Ft.	\$ 15.75	\$ 18.90	\$ 17.78	
7463	Collect and Distribute Mail	# of Pieces	145,006	600,000	145,000	
		Cost	\$ 223,749	\$ 221,900	\$ 244,700	
		Cost/Piece	\$ 1.54	\$ 0.37	\$ 1.69	
7464	Telephone Switchboard Operations at Main Office Building Complex	Cost	\$ 64,169	\$ 71,000	\$ 71,300	
7470	Contract Diversity					
7471	Contract Compliance	Cost	\$ 551,882	\$ 695,100	\$ 767,800	
7472	Community Activity	Cost	\$ 385,971	\$ 925,500	\$ 865,600	
7473	Contract Diversity Support	Cost	\$ 240,534	\$ 324,000	\$ 344,800	
7490	Automotive Fleet Operations					
7491	Automotive Fleet Procurement	Cost	\$ 689,915	\$ 1,244,300	\$ 1,707,000	i)
7499	Automotive Fleet Operations	Cost	\$ 694,467	\$ 771,600	\$ 698,700	
7604	Social Security and Medicare Contributions	Cost	\$ 184,143	\$ 208,700	\$ 220,900	
		Totals	\$ 19,541,018	\$ 24,144,700	\$ 26,931,500	
<p>h) Decrease is due to the completion of a project to add visual capabilities to the Main Office Building Annex Fire Alarm System (\$90,000), a reduction in funds for Joint Order Contract projects at the Main Office Building Complex (\$50,000), a reduced need for shared maintenance of common areas (\$50,000), and a reduced amount needed for the building engineers contract (\$30,000).</p> <p>i) Increase is due to an increased amount of funding needed for lease payment of fleet vehicles on the Enterprise contract (\$460,000).</p>						

101 15000	Fund: Corporate Department: General Administration	LINE ITEM ANALYSIS						
		2023	2024				2025	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 11,473,784	\$ 14,034,000	\$ 14,034,000	\$ 8,897,068	\$ 12,194,100	\$ 13,759,700	\$ —
601060	Compensation Plan Adjustments	1,683,635	1,258,000	1,258,000	1,118,939	1,206,500	1,430,000	—
601070	Social Security and Medicare Contributions	184,143	208,700	208,700	147,807	192,700	220,900	—
601100	Tuition and Training Payments	51,408	85,100	85,100	33,076	37,900	81,500	—
601270	General Salary Adjustments	—	—	—	—	—	2,701,100	—
100	TOTAL PERSONAL SERVICES	13,392,970	15,585,800	15,585,800	10,196,890	13,631,200	18,193,200	—
612010	Travel	8,202	19,500	19,500	6,383	12,100	18,500	—
612030	Meals and Lodging	17,530	32,400	32,400	10,104	23,600	26,500	—
612040	Postage, Freight, and Delivery Charges	85,351	71,100	69,200	29,201	68,800	86,400	—
612050	Compensation for Personally- Owned Automobiles	1,048	4,300	4,300	1,921	2,800	2,900	—
612080	Motor Vehicle Operating Services	61,617	61,100	73,100	62,698	60,600	56,000	—
612090	Reprographic Services	18,001	72,800	72,800	39,504	34,000	276,800	—
612150	Electrical Energy	348,350	345,000	345,000	231,572	298,800	345,000	—
612160	Natural Gas	31,318	35,000	35,000	16,198	30,900	35,000	—
612170	Water and Water Services	4,879	6,700	6,700	3,394	5,200	5,400	—
612210	Communication Services	3,000	3,000	3,900	3,000	3,900	3,600	—
612280	Subscriptions and Membership Dues	865,498	948,100	948,100	597,768	921,300	968,500	—
612330	Rental Charges	67,365	1,279,200	971,400	955,830	333,900	1,730,000	—
612360	Advertising	7,039	10,500	10,500	50	10,000	12,500	—
612370	Administration Building Operation	1,213,411	1,586,200	1,586,200	1,349,922	1,584,100	1,583,300	—
612390	Administration Building McMillan Pavilion Operation	707,698	915,800	915,800	849,058	491,600	869,800	—
612400	Intergovernmental Agreements	76,407	80,000	80,000	80,000	76,400	80,000	—
612430	Payments for Professional Services	389,697	1,294,000	1,161,800	683,718	630,100	884,000	—
612490	Contractual Services, N.O.C.	145,620	265,200	253,100	174,476	155,100	274,300	—
612680	Repairs to Buildings	287,907	212,500	199,600	11,059	20,000	62,500	—
612800	Repairs to Office Furniture and Equipment	52,834	65,500	72,300	65,258	39,900	72,000	—
612820	Computer Software Maintenance	241,554	234,000	269,000	268,244	268,300	441,400	—
612840	Communications Equipment Maintenance (Includes Software)	17,784	17,800	17,800	17,784	17,800	24,700	—
612860	Repairs to Vehicle Equipment	454,448	313,300	628,300	617,657	496,400	259,300	—
200	TOTAL CONTRACTUAL SERVICES	5,106,558	7,873,000	7,775,800	6,074,799	5,585,600	8,118,400	—
623070	Electrical Parts and Supplies	7,688	10,100	10,100	8,500	8,900	11,500	—

101 15000	Fund: Corporate Department: General Administration	LINE ITEM ANALYSIS						
		2023	2024				2025	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623090	Plumbing Accessories and Supplies	8,261	10,000	10,000	9,000	6,500	10,000	—
623110	Hardware	10,820	18,000	18,000	17,520	15,000	18,000	—
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	123,897	138,600	138,600	107,569	118,400	154,500	—
623660	Cleaning Supplies	1,169	1,800	1,800	1,000	1,600	2,500	—
623700	Wearing Apparel	44,084	47,000	47,000	30,674	30,500	48,500	—
623720	Books, Maps, and Charts	289	1,000	1,000	110	200	1,000	—
623810	Computer Supplies	5,669	25,000	25,000	19,883	22,000	25,000	—
623990	Materials and Supplies, N.O.C.	64,838	71,400	168,600	156,965	164,600	123,900	—
300	TOTAL MATERIALS AND SUPPLIES	266,716	322,900	420,100	351,221	367,700	394,900	—
634800	Office Furniture and Equipment	46,324	38,000	49,300	49,155	49,200	—	—
634810	Computer Equipment	—	200,000	200,000	—	—	200,000	—
634860	Vehicle Equipment	715,841	25,000	13,700	—	—	25,000	—
634990	Machinery and Equipment, N.O.C.	12,611	100,000	100,000	94,700	94,700	—	—
400	TOTAL MACHINERY AND EQUIPMENT	774,776	363,000	363,000	143,855	143,900	225,000	—
TOTAL GENERAL ADMINISTRATION		\$ 19,541,020	\$ 24,144,700	\$ 24,144,700	\$ 16,766,765	\$ 19,728,400	\$ 26,931,500	\$ —

NOTES: 1. Amounts may not add up due to rounding.  
 2. Departmental appropriation totals for salaries in the Line Item Analysis may differ from those contained in the Position Analysis by a factor identified to adjust for vacancies.  
 Additionally, Estimated Expenditure may either exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.

Fund: Corporate Dept: General Administration		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>051</b>	<b>Executive Section</b>					
EX07	Executive Director	1	1		1	
HP23	Deputy Director of Engineering	—	1		1	
EX06	Secretary to Officer	2	2		2	
TOTAL 051	Executive Section	3	4	809,978	4	783,215
<b>052</b>	<b>Diversity Section</b>					
HP18	Diversity Administrator	1	—		—	
HP16	Senior Diversity Officer	2	—		—	
HP14	Diversity Officer	8	—		—	
HP11	Administrative Specialist	2	—		—	
HP09	Administrative Clerk	1	—		—	
TOTAL 052	Diversity Section	14	—	—	—	—
<b>053</b>	<b>Administrative Services Division</b>					
<b>054</b>	<b>Administrative Services Section</b>					
EX19	Administrative Services Officer	1	1		1	
EX06	Secretary to Officer	1	1		1	
TOTAL 054	Administrative Services Section	2	2	376,373	2	381,726
<b>067</b>	<b>Central Budget Management Unit</b>					
HP20	Budget Officer	1	1		1	
HP18	Supervising Budget & Management Analyst	1	1		1	
HP17	Management Analyst III #2 (Senior Budget & Management Analyst) (New Grade HP16)	1	1		1	
HP16	Senior Budget & Management Analyst	6	6		6	
HP14	Budget & Management Analyst	6	6		6	
TOTAL 067	Central Budget Management Unit	15	15	1,911,278	15	1,982,112
<b>080</b>	<b>Police Section</b>					
<b>081</b>	<b>Administrative Unit</b>					
HP18	Chief of Police	1	1		1	

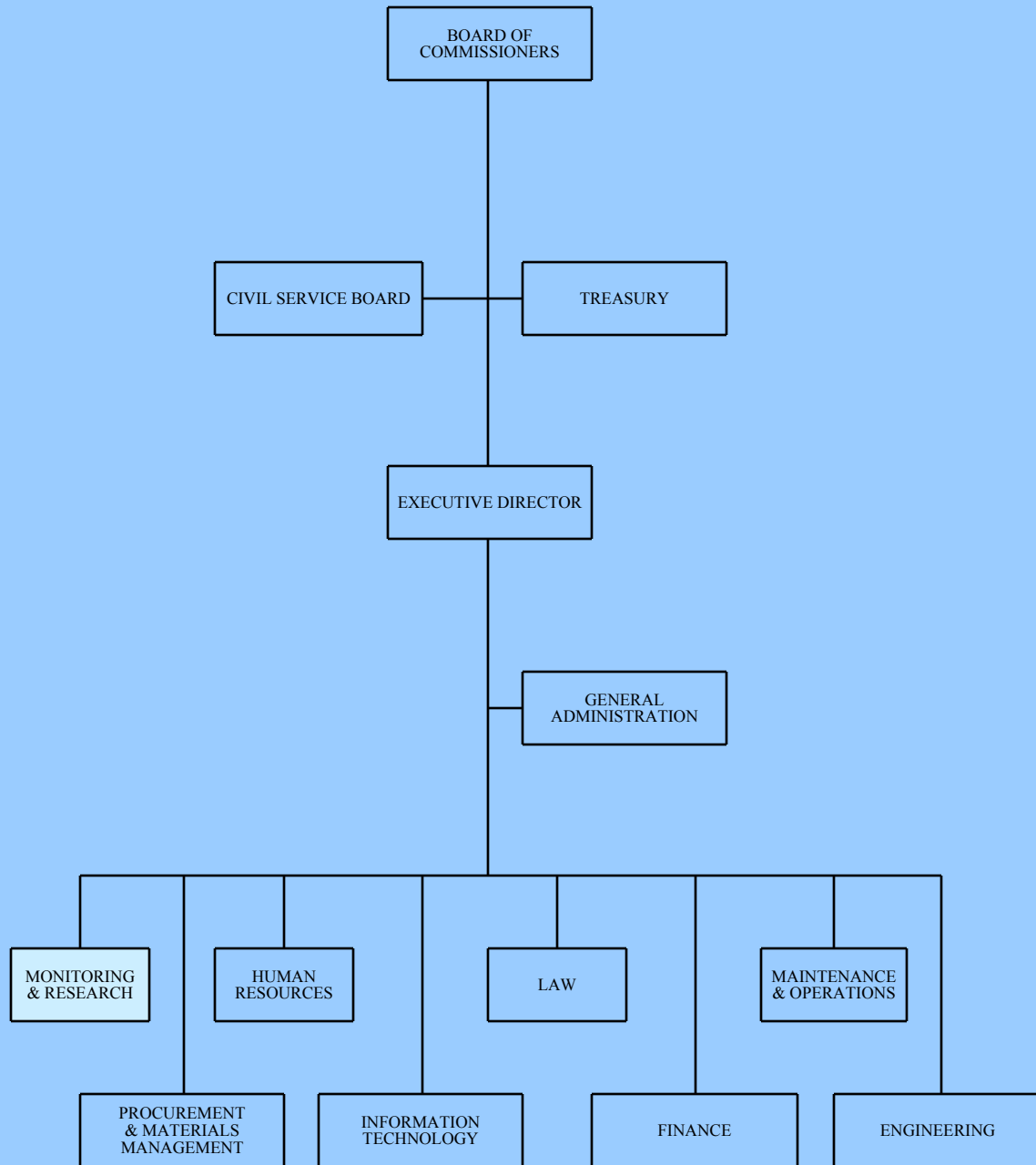
Fund: Corporate Dept: General Administration		POSITION ANALYSIS				
		2023	2024		2025	
					Proposed by the Executive Director	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
HP12	Administrative Assistant #2 (Administrative Specialist) (New Grade HP11)	1	1		—	
HP11	Administrative Specialist	—	—		1	
TOTAL 081	Administrative Unit	2	2	266,285	2	236,336
<b>082</b>	<b>Police Main Office Building Complex Unit</b>					
HP14	Police Sergeant	1	1		1	
NR2483	Police Officer	5	5		5	
TOTAL 082	Police Main Office Building Complex Unit	6	6	586,274	6	591,964
<b>083</b>	<b>Police North Service Area Unit</b>					
HP14	Police Sergeant	1	1		1	
NR2483	Police Officer	9	9		9	
TOTAL 083	Police North Service Area Unit	10	10	970,907	10	976,597
<b>084</b>	<b>Police Calumet Service Area Unit</b>					
HP14	Police Sergeant	1	1		1	
NR2483	Police Officer	9	9		9	
TOTAL 084	Police Calumet Service Area Unit	10	10	970,907	10	976,597
<b>085</b>	<b>Police Stickney Service Area Unit</b>					
HP16	Police Lieutenant	2	2		2	
HP14	Police Sergeant	5	6		6	
NR2483	Police Officer	22	22		22	
TOTAL 085	Police Stickney Service Area Unit	29	30	3,086,907	30	3,105,096
<b>086</b>	<b>Police Countywide Unit</b>					
HP16	Police Lieutenant	—	1		1	
NR2483	Police Officer	7	7		7	
TOTAL 086	Police Countywide Unit	7	8	786,368	8	805,113
TOTAL 080	Police Section	64	66	6,667,648	66	6,691,704
<b>096</b>	<b>Building Services Unit</b>					
HP17	Facilities Administrator	—	1		1	
HP16	Senior Budget & Management Analyst	1	1		1	

Fund: Corporate Dept: General Administration		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
HP14	Budget & Management Analyst	1	1		1	
HP14	Chief Printing Press Operator	1	1		1	
HP12	Printing Press Operator	1	1		1	
HP11	Administrative Specialist	3	3		3	
HP09	Administrative Clerk	2	3		3	
NR8661	Motor Vehicle Dispatcher Supervisor	1	1		1	
NR8660	Motor Vehicle Dispatcher	2	2		2	
TOTAL 096	Building Services Unit	12	14	1,158,245	14	1,134,392
TOTAL 053	Administrative Services Division	93	97	10,113,544	97	10,189,934
<b>071</b>	<b>Environmental Justice, Diversity, &amp; Contract Compliance Section</b>					
HP20	Environmental Justice Program Manager	—	1		1	
HP18	Diversity Administrator	—	1		1	
HP18	Human Resources Manager	1	1		1	
HP18	Principal Civil Engineer	1	1		1	
HP16	Senior Diversity Officer	—	2		2	
HP14	Diversity Officer	—	9		9	
HP13	Senior Administrative Specialist	1	1		1	
HP11	Administrative Specialist	—	2		2	
HP09	Administrative Clerk	—	1		1	
TOTAL 071	Environmental Justice, Diversity, & Contract Compliance Section	3	19	2,131,253	19	2,141,435
<b>072</b>	<b>Public Affairs Section</b>					
EX18	Public & Intergovernmental Affairs Officer	1	1		1	
EX06	Secretary to Officer	1	1		1	
HP16	Senior Public Affairs Specialist	—	1		3	
HP15	Public Affairs Specialist #2 (New Grade HP14)	3	3		—	
HP15	Public Affairs Specialist #1	—	—		2	



Fund: Corporate Dept: General Administration		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
HP14	Public Affairs Specialist	—	1		2	
HP14	Public Affairs Specialist-Bilingual	2	2		2	
HP13	Graphic Artist	3	3		3	
HP13	Senior Administrative Specialist	1	1		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 072	Public Affairs Section	12	14	1,559,444	16	1,810,993
TOTAL	General Administration	125	134	14,614,219	136	14,925,577

NOTE: Departmental appropriation totals for salaries in the Position Analysis differ from those contained in the Line Item Analysis by a factor identified to adjust for vacancies. Salary ranges corresponding to the pay plan and grade for each class title can be found in the table of Salary Schedules in the Appendix. Dollar amounts may not add up due to rounding.



**Metropolitan Water Reclamation District of Greater Chicago**

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

312.751.5600

September 10, 2024

Mr. Brian A. Perkovich  
Executive Director  
OFFICE

Dear Sir:

Subject: 2025 Program for the Monitoring & Research Department

The Monitoring & Research Department's program for 2025, as prepared in detail, is transmitted herewith. The budget presentation supports the request for funding of the department's 2025 initiatives in alignment with and in support of the Strategic Plan. The budget requests include all amendments as directed by you during the Executive Director Budget Hearings in August of this year.

The narrative provides a summary of the department, 2025 major initiatives and challenges, and 2024 accomplishments. Supporting schedules of objectives, performance, and staffing levels present three years of detailed budgetary information.

Thank you for the opportunity to present the proposed Monitoring & Research Department budget for 2025.

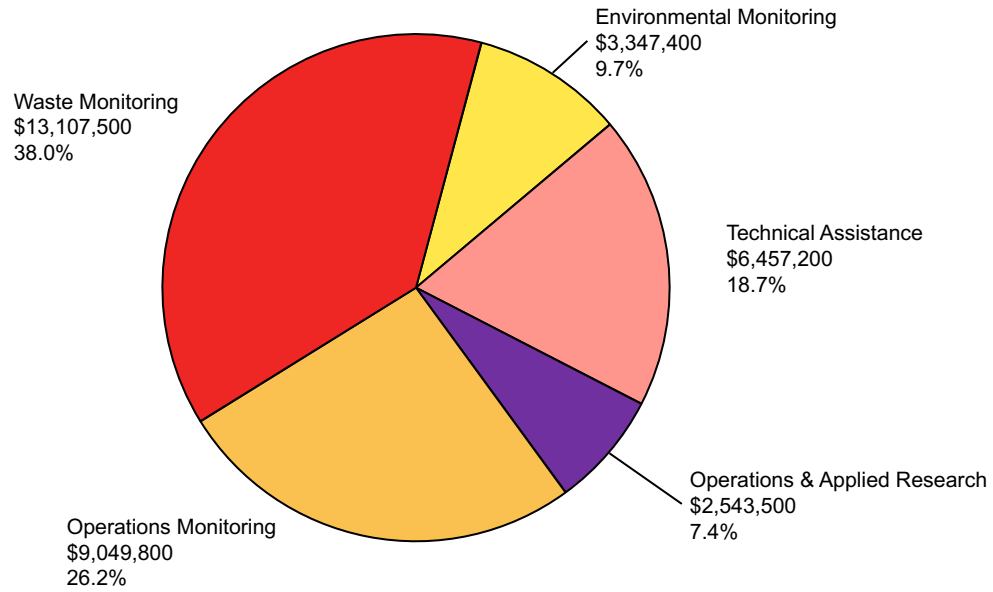
Respectfully submitted,



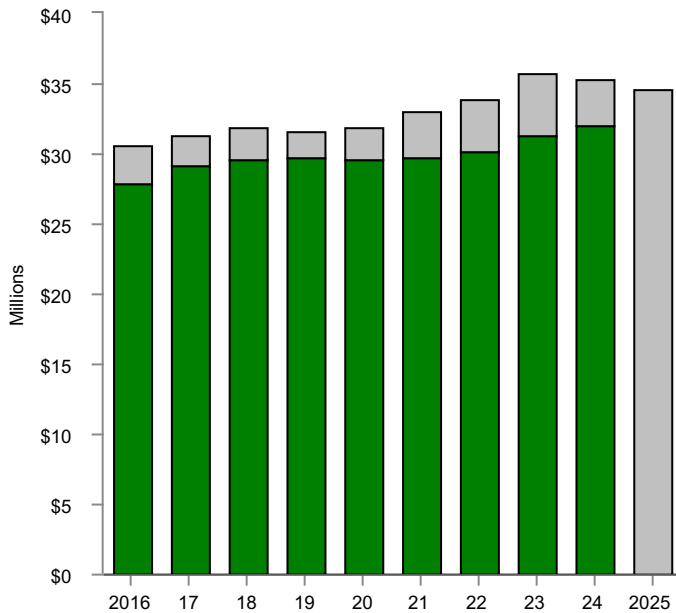
Edward W. Podczerwinski  
Director of Monitoring & Research

# MONITORING & RESEARCH PROGRAMS

2025	\$34,505,400
2024	\$35,257,500
Decrease	(\$752,100)

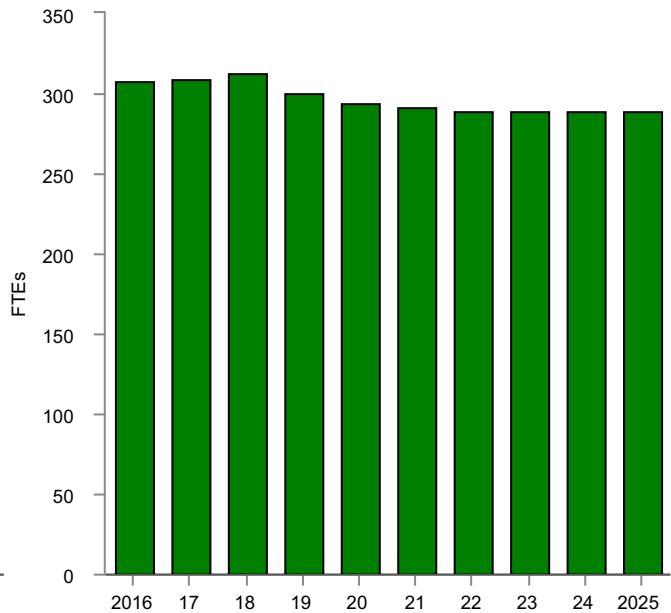


## APPROPRIATIONS & EXPENDITURES



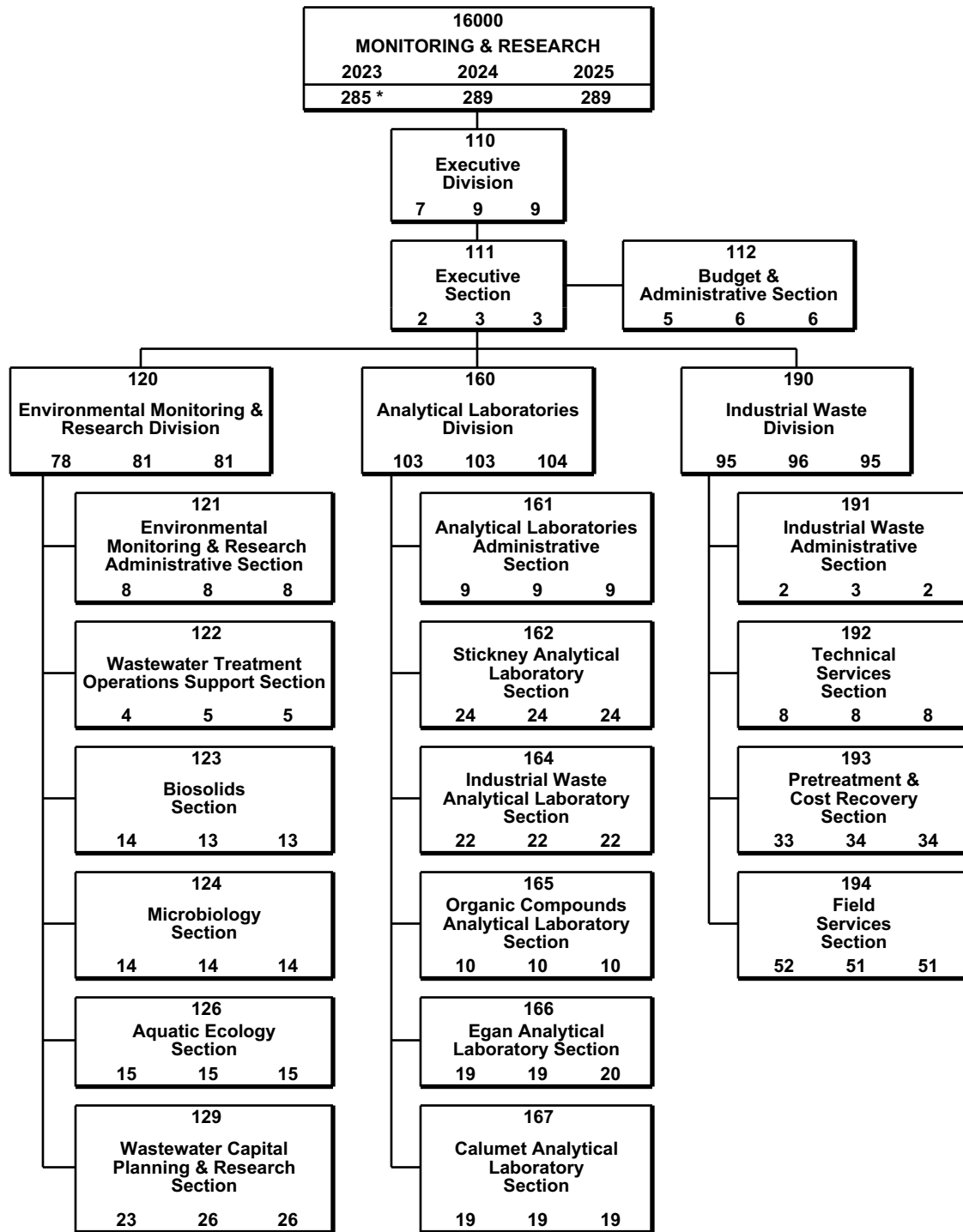
2024 Expenditures are estimated	
<span style="color: green;">■</span> EXPENDITURES	<span style="color: grey;">■</span> APPROPRIATIONS

## BUDGETED FTE POSITIONS



**2019** - Decrease is due to organizational redesign.

# MONITORING & RESEARCH



\* In 2023, Division 130, Strategic Planning & Innovation Division, was added. Following a re-evaluation, two full-time equivalent positions were transferred to Section 129, Wastewater Capital Planning & Research Section, and remaining activities were distributed throughout the organization.

## MONITORING & RESEARCH

**The Monitoring & Research (M&R) Department's mission is to dependably provide industrial waste program ordinance administration, cost-effective monitoring and surveillance, high quality analytical data, technical support, long-term planning, and research to protect and improve District facilities, operations, and the environment.**

### Departmental Summary

The primary responsibilities of M&R encompass a range of crucial tasks, including:

- Monitoring liquid and solids process trains for operational control, regulatory compliance, and odor emissions;
- Administering the Pretreatment, Resource Recovery, and User Charge Programs in compliance with federal regulations;
- Monitoring improvements in water quality of area rivers, canals, and groundwater to document regulatory compliance;
- Providing process facility capital planning and technical assistance to address operational challenges and regulatory issues;
- Conducting applied research to reduce the cost of the District's operations and to improve water quality.

### Summary of 2024 Major Accomplishments

- Initiated a multi-year study to assess unnatural plant and algal growth in the Upper North Shore Channel to support the Chicago Area Waterway System (CAWS) Phosphorus Assessment and Reduction Plan, in collaboration with the Illinois Environmental Protection Agency (IEPA) and environmental advocacy groups;
- Continued to lead a District-wide monitoring project to assess the presence of per- and polyfluoroalkyl substances (PFAS), commencing with domestic wastewater and subsequently extending to commercial and industrial areas where PFAS sources may exist. This study, initiated in 2023, will culminate with the monitoring of industrial user facilities identified through inspection as potential sources of PFAS;
- Coordinated Whole Effluent Toxicity testing for two separate tests at both the Egan and Hanover Park Water Reclamation Plants (WRPs);
- Administered Ambient Water Quality Monitoring and Continuous Dissolved Oxygen Monitoring programs for the waterways within the District service area to meet the National Pollutant Discharge Elimination System (NPDES) permit requirements;
- Completed a multi-year study that entailed formulating conceptual plans aimed at achieving energy neutrality at one WRP by 2030, and District-wide by 2035. Items from the plan need to be reviewed further to ensure feasibility and to determine how to best incorporate into the District's overall Capital Improvement Plan to embed resiliency throughout the organization;
- Completed installation and started testing a new aeration diffuser system in the North Aeration Battery at the Egan WRP. The aeration system is expected to provide operational and maintenance improvements;
- Initiated a sewer modeling project to develop a tool for evaluating South Park interceptor potential for hydrogen sulfide formation that causes sewer corrosion and mitigation alternatives; completed the evaluation via sampling and data analysis;
- Conducted extensive testing and refinement of chemical dosing criteria for phosphorus removal at the Stickney, Calumet, Kirie, Egan, Hanover Park, and O'Brien WRPs, further optimizing the nutrient removal processes;
- Completed an interceptor and industry study in the Calumet WRP service area to identify contributing factors to phosphorus loading;
- Continued to make progress in implementing actions across all four tiers of the Climate Action Plan;
- Completed pilot testing of nutrient removal using native aquatic duckweed and artificial vegetated floating islands, exploring innovative approaches to enhance nutrient management;
- Completed a comprehensive phosphorus removal plan for the Calumet WRP to meet current and future NPDES permit limits;
- Substantially completed seasonal facility monitoring of greenhouse gas emissions using a remote sensing mobile laboratory;
- Completed a pilot study on using revolving algal biofilm system to remove nutrients from centrate at the SWRP;
- Completion and publication of long-term soil health benefits of post-biosolids land application.

### Appropriation and Position Summary

The 2025 appropriation for M&R is \$34,505,400, a decrease of \$752,100, or 2.1 percent, from 2024. The staffing level remains unchanged at 289 positions due to the addition of one Senior Laboratory Technician offset by the drop of one Administrative Specialist.

### 2025 Budget Highlights

M&R continually endeavors to enhance its business practices, ensuring a steadfast commitment to its mission while adeptly managing budgeted positions within an ever-evolving landscape. The objective is to sustain all indispensable technical support, analytical laboratory, and industrial waste program ordinance administration functions. This enduring dedication is a testament

to the remarkable proficiency and dedication of M&R's skilled and professional staff.

The forthcoming budget demonstrates the District's commitment to Resource Management, a pivotal goal in its Strategic Plan. While safeguarding public health and preserving area waterways, the District is equally devoted to exploring opportunities for resource recovery and reuse. The initiatives outlined below exemplify the District's commitment to maintain and operate its facilities and assets at the highest level of service.

**Maintain high level of permit compliance as requirements evolve; continue efforts to improve water quality**

- Undertaking permit-required groundwater monitoring for four TARP tunnel systems, three reservoirs, four biosolids management sites, and Fischer Farm in Hanover Park;
- Administering the Ambient Water Quality Monitoring and Continuous Dissolved Oxygen Monitoring programs for the waterways within the District's service area, aligning with the stringent NPDES permit requirements;
- Collecting and reporting waterways chloride data to fulfill the Time Limited Water Quality Standard for Chloride;
- Conducting ongoing fish surveys and comprehensive assessments to gauge the impact of District initiatives and improvements on the waterway's ecosystem;
- Coordinating whole effluent toxicity testing on the final effluents for the Kirie, Egan and Hanover Park WRPs, ensuring compliance with NPDES permit mandates;
- Maintaining diligent oversight of the District-wide Odor Monitoring program and implementing Odor Mitigation Reduction Strategies. The program aims to document occurrences of odors and effectively minimize or eliminate them in communities surrounding the District's facilities, collection systems, and biosolids drying areas;
- Continuing to implement the Dental Amalgam Program, instrumental in mitigating mercury discharges from dental offices into the District's collection system and ultimately the water environment;
- Sustaining the District-wide internal phosphorus studies, optimizing and implementing phosphorus removal at District WRPs. M&R's leadership role in the Phosphorus Removal and Recovery Task Force significantly contributes to enhanced biological and chemical phosphorus removal at the Stickney, Calumet, O'Brien, Egan, Hanover Park, and Kirie WRPs;
- Developing in-house capacity to analyze emerging organic compounds in the influent, outfall, and biosolids of the District WRPs, a requirement soon to be mandated by NPDES permits;
- Actively supporting the IEPA by engaging in various workgroups to implement the Illinois Nutrient Loss Reduction Strategy and develop nutrient water quality standards for Illinois;
- Representing the District as a member in local watershed groups, with a commitment to implementing studies to support the CAWS Phosphorus Assessment and Reduction Plan. Providing water quality data and analysis to bolster the Nutrient Assessment and Reduction Plans for the watershed workgroups, including the Egan, Hanover Park, and Kirie WRPs;
- Completing a remodeling project for the trace metal lab at the Cecil Lue-Hing Laboratory, optimizing space utilization and amalgamating the sample preparation and instrument labs to enhance efficiency, ventilation, and safety.

**Manage District assets to maintain optimal performance and long-term sustainability**

- Continue sewer modeling project to develop a tool for evaluating the alternatives of corrosion control for the District interceptors.

**Pursue resource recovery opportunities to increase sustainability and recover costs**

- Continue to lead, document and further develop the Resource Recovery Program, which plays a pivotal role in supporting the District's energy recovery, phosphorus removal/recovery, biosolids initiatives, and organic material landfill diversion endeavors. Select metrics are now available on the public facing dashboard;
- Undertake comprehensive efforts to support the District-wide biosolids strategy, a vital step in ensuring the ongoing sustainability of the District's Biosolids Management Program. M&R will provide steadfast technical support to the M&O Department's biosolids management initiatives, including leading the Professional Engineering Service for the Stickney WRP Biosolids Management Strategy contract. Additionally, M&R will continue its commitment to support the program for use of exceptional quality (EQ) biosolids in the Chicago metropolitan area as a means of diversifying biosolids beneficial utilization outlets by promoting biosolids use on golf courses, maintaining a biosolids brownfield research and demonstration site, and supporting the utilization of EQ biosolids for brownfield restoration. This will be complemented by continuous technical assistance to users and engaging public events;

- Explore and evaluate cutting-edge technologies aimed at reducing energy costs, such as ammonia-based aeration control, machine learning/artificial intelligence automation, and novel aeration systems. These forward-thinking efforts are essential to enhance operational efficiency and bolster the District's commitment to sustainability.

**Develop Innovation Ecosystem - drive innovation through partnerships with water associations, universities, labs, water technology firms, etc.**

- Continue to collaborate and provide unwavering support to esteemed institutions and organizations, including the Illinois Department of Public Health, the Chicago Department of Public Health, the University of Illinois, the University of Florida, Current NFP, University of Chicago, Argonne National Laboratory, and other partners, in the development and implementation of sewage surveillance initiatives, and to participate in the Water Environment Federation wastewater surveillance program in 2025. These efforts are of paramount importance in addressing critical public health concerns;
- Forge a meaningful partnership with a consortium of agricultural community and other organizations to spearhead innovative approaches for enhancing water quality in the Illinois River basin. This collaborative endeavor encompasses a range of activities, including research and demonstration projects, along with field days held at the District's Fulton County site and other sites in the Chicago metropolitan area;
- Continue involvements on technical committees for the Illinois Association of Wastewater Agencies representing the District in 2025. These engagements underscore M&R's commitment to advancing industry expertise and fostering valuable connections within the wastewater community;
- Collaborate on the United Nations Educational, Scientific and Cultural Organization's program on Megacities Alliance for Water and Climate;
- Collaborative support to National Science Foundation's ReNEW Engine that is headquartered in Chicago, Illinois and led by Current NFP, and University of Chicago.

The following budget highlights support the District's Strategic Plan Goal of Workforce Excellence. The District is committed to investing in its future by investing in its employees. The initiatives highlighted below will allow the District to continue to recruit, develop, and retain best-in-class employees as the foundation of the organization's ongoing success.

**Foster a culture that recognizes the value of every employee and provide a workplace environment that meets evolving needs**

- Facilitate comprehensive continuing education and professional development opportunities for all employees. M&R exemplifies this commitment through a monthly Environmental Issues and Research Seminar series, held at the Cecil Lue-Hing Research and Development Complex. The seminars are conveniently accessible online via the District's Cornerstone training platform, ensuring widespread availability to all employees and the local community. These engaging sessions have earned approval from both the Illinois Society of Professional Engineers, granting professional development credits, and the IEPA, awarding Wastewater Operator Continual Education Units for selected topics. With remarkable attendance in 2023 and 2024, whether in person or virtually, it is expected that the turnout for 2025 will be approximately 2,200 participants. This dedication to continuous learning underscores M&R's commitment to nurturing a knowledgeable and highly skilled workforce;
- Update and modernize the industrial Waste's training program for all staff, their mentors, and supervisors, to educate and reinforce professional development. Additionally, identify and develop additional skills through traditional curriculum-driven learning and cross training between field operations and downtown administrative responsibilities.

The following budget highlights support the District's Strategic Plan Goal of Community Engagement. The initiatives below show the District is committed to engaging with the community to demonstrate the commitment to be a critical community asset, a responsive neighbor, and inclusive business partner.

**Raise public awareness of the value of the District's work and encourage public involvement**

- Extend dedicated support to various outreach activities, including engaging in school science fair projects, conducting District laboratory tours, actively participating in local public meetings, and contributing to vibrant parades. M&R remains committed to fostering community connections and promoting awareness through these initiatives;
- Establish an industrial representative group to: engage the industrial community in the District's procedural and policy decision-making process; request feedback on major programs or Ordinance changes; and encourage collaboration between all parties impacted by the District regarding industrial waste programs;



- Proactively distribute informative newsletters, ensuring valuable insights reach a broad audience. Moreover, M&R will host at least one annual workshop exclusively for the industrial user community. These collaborative efforts serve to strengthen partnerships and knowledge-sharing, while reinforcing M&R's steadfast dedication to community engagement and public outreach.

The following budget highlights support the District's Strategic Plan Goal of Enterprise Resilience, ensuring ongoing services that are reliable, equitable, and cost-effective; achieve climate change and environmental justice protections; prepare for other manmade and natural events.

**Proactively expand efforts to strengthen functionality in the face of future events; finalize and implement climate change and resiliency plans**

- Persevere in the implementation of select recommendations arising from the interdepartmental, long-term process facility capital planning process. This comprehensive review encompasses vital aspects, including District business initiatives, projected regulatory demands, and community service level expectations. Throughout 2025, M&R remains committed to addressing crucial matters, such as updating WRP processes and hydraulic models, while seamlessly integrating insights gleaned from the ongoing development of the District's Biosolids Strategy and Odor Reduction Strategy;
- Dedicate efforts to effectively implement the newly devised Climate Action Plan, a pivotal blueprint aimed at assessing and tracking the District's carbon footprint. This plan also involves a comparison of wastewater process estimates against direct emissions measurements derived from the 2023-2024 study. This proactive approach aligns with M&R's commitment to fostering a sustainable and eco-conscious future, underscoring the District's commitment to environmental stewardship.

**Pursue process and system improvements**

- Continue the ongoing refinement, optimization, and streamlining of the Strategic Plan Dashboard reporting. Through consistent dedication to this vital task, M&R aims to achieve unparalleled efficiency and precision in tracking and presenting strategic progress. The continuous pursuit of excellence in reporting underscores M&R's commitment to informed decision-making and transparent communication, as the District advances towards its strategic objectives.

**USER CHARGE AND INDUSTRIAL WASTE PRETREATMENT PROGRAM**

M&R generates an important revenue stream through the recovery of operations, maintenance, and replacement costs incurred from treating wastewater discharges from Large Commercial/Industrial Users and Tax-Exempt Users of the sewerage system, and the costs of administering the District's Pretreatment and User Charge Programs. The User Charge Program assesses the charges, beyond those recovered through payment of ad valorem property taxes, based on the annual volume and the biochemical oxygen demand and suspended solids loadings of wastewater discharged. Based on the 2025 rates, the 2023 user clearing data, and the recent impact of the COVID-19 global pandemic, the projected 2025 User Charge Revenue is \$37.0 million. The User Charge rates take into account the costs budgeted in the Corporate Fund for operations and maintenance, as well as in the Construction Fund for the required rehabilitation of the District's facilities and infrastructures. M&R is currently studying options for industrial cost recovery for phosphorus treatment, beginning with the Calumet WRP service area.

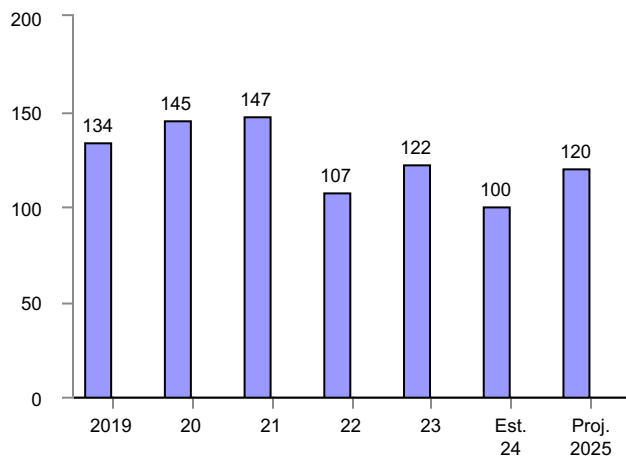
Five-Year Trend in User Charge Revenue	
Year	User Charge Receipts
2019	\$51,783,405
2020	\$45,901,043
2021	\$41,211,339
2022	\$37,201,414
2023	\$38,536,900
2024 Estimated	\$37,000,000
2025 Projected	\$37,000,000

M&R will continue to encourage users who are eligible for reduced reporting and self-monitoring to migrate to an automatic review and billing process. M&R remains vigilant in identifying and classifying new users and in 2025 has a goal of identifying, classifying, and administering 50 new users to offset any reductions in existing users. In addition, M&R continues to monitor industrial users that require higher scrutiny to safeguard the WRPs and local waterways. This includes the Dental Amalgam Program, for which M&R has already processed approximately 1,900 compliance forms from local dentists while about 190 forms are under review, pending additional information. Roughly 400 more forms need to be submitted and reviewed.

M&R is committed to stopping pollution at its source by operating an effective Industrial Waste Pretreatment Program in full compliance with all federal and state statutes. During 2025, the administration of the Program will require the issuance or renewal of Discharge Authorizations for approximately 80 Significant Industrial Users, the review of approximately 600 Continued Compliance Reports, and 150 Slug Control Plans. M&R expects to perform approximately 600 inspections associated with administering the District’s Sewage and Waste Control Ordinance and will randomly sample and analyze at least 25 percent of the anticipated 1,800 chemical toilet disposals at the Stickney WRP. As shown in the table below, M&R is not anticipating any substantial variation in the number of enforcement activities for significant violations of the Sewage and Waste Control Ordinance, by Cease and Desist Orders issued to Industrial Users.

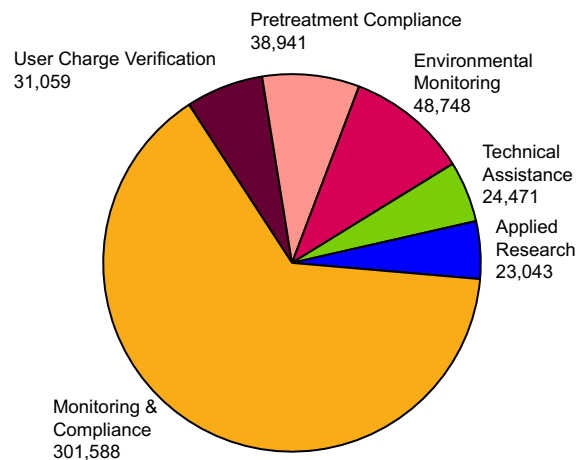
Five-Year Trend in Enforcement Activities	
Year	Cease and Desist Orders
2021	105
2022	94
2023	130
2024 Estimated	100
2025 Projected	100

**Number of Emergency Responses**



2022: Reduction is due to decreasing population of significant industrial users.

**2025 Projected Laboratory Analyses by Program**



M&R provides first-response services for hazardous materials emergencies and complaints of pollution to surface water and sewage systems. Approximately 120 investigations in response to requests from federal, state, and local agencies, municipalities, private citizens, industrial sources, and the M&O Department will be conducted in 2025. As a result of the District’s Industrial Waste Pretreatment Program, all of the biosolids produced by the District in 2025 are expected to meet the highest quality criteria for trace metals under the USEPA Biosolids Rule (40 CFR Part 503) and the WRP effluents are expected to meet all NPDES permit limits for regulated industrial pollutants.

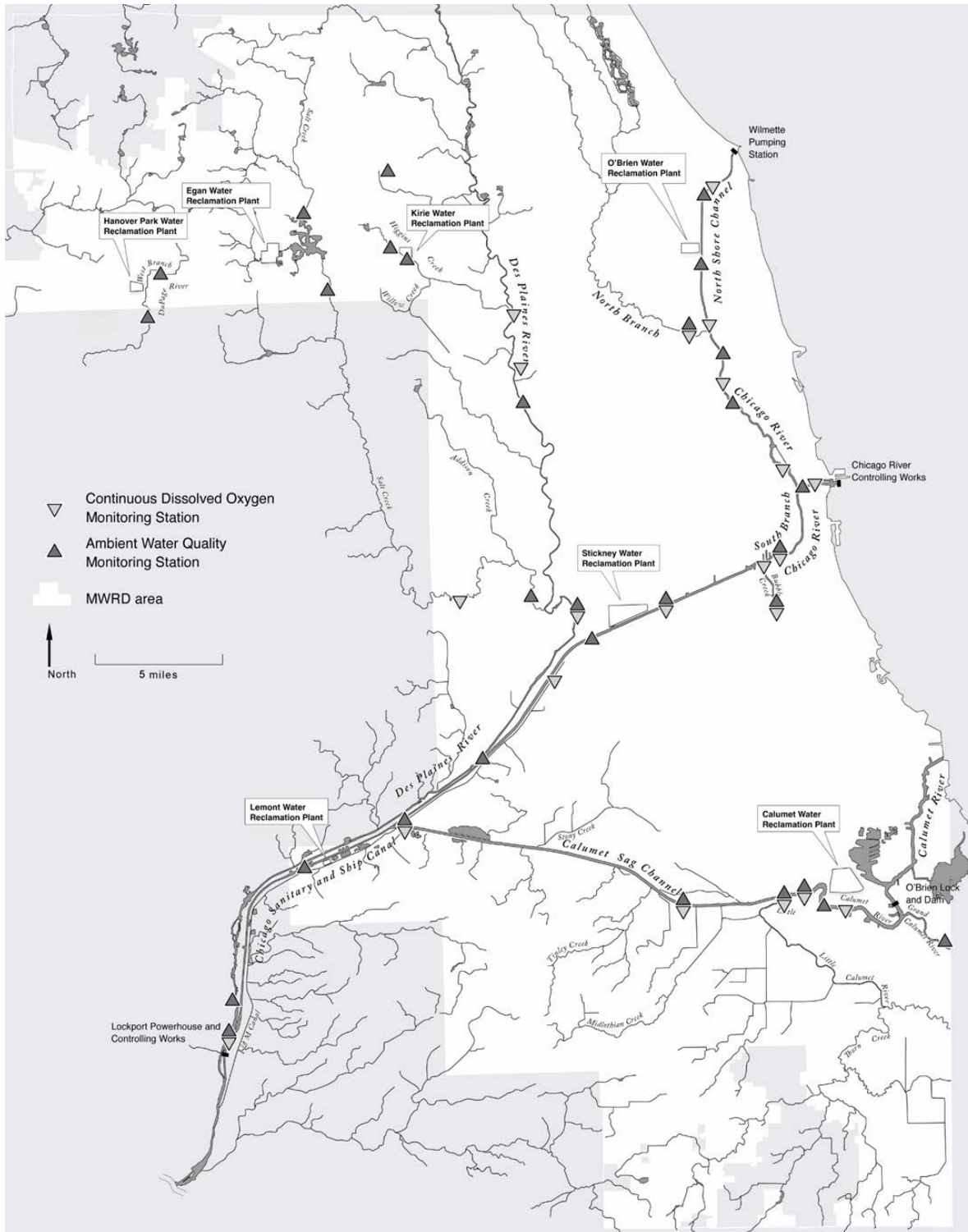
**WATER AND AIR MONITORING**

In 2025, M&R will collect and analyze approximately 300 samples from 102 TARP groundwater quality monitoring wells and three TARP reservoirs. M&R will also compile 10 annual monitoring reports for the four TARP tunnel systems, including the Mainstream, Calumet, Des Plaines, and Upper Des Plaines systems, as well as the Gloria Alitto Majewski, Thornton Composite, and McCook Reservoirs, to meet the operating permit requirements of these facilities. The groundwater monitoring program also include groundwater monitoring at four biosolids management facilities in accordance with permits issued by the IEPA. Along with other monitoring programs, a total of 45 monitoring reports will be submitted to the IEPA.

On a daily basis, M&R monitors multiple critical control points of the liquid and solids process trains at each of the seven WRPs to improve operations and the quality of effluents and biosolids. This process includes chemical, biological, and microbiological monitoring, which will generate 467,850 projected tests in 2025. M&R provides support to the M&O Department by making non-proprietary reagents that are needed to operate online ammonia and chlorine analysis systems.

# Monitoring & Research

## Waterways Monitoring Program 4672 - Waterways Monitoring Stations



Operations of the District meet stringent standards contained in NPDES permits issued for each WRP. Processing and utilization of solids are regulated by IEPA permits and federal regulations. M&R monitors ambient water quality at 30 sampling locations and operates 21 continuous dissolved oxygen monitoring stations in the shallow and deep-draft waterways within the District’s service area. The environmental information is used to demonstrate compliance with water quality standards and the beneficial effects of the District’s operational improvements on water quality in the waterways. Fish sampling in the District service area is also conducted at select locations to track progress on improvement in the biological integrity of the waterways.

**16000 MONITORING & RESEARCH**

**OBJECTIVES AND PROGRAM SUMMARY**

OBJECTIVES BY PRIORITY:		Cost	Percent	
1. OPERATIONS MONITORING: Monitor the District's collection, treatment, and disposal operations to ensure compliance with National Pollutant Discharge Elimination System, Illinois Environmental Protection Agency, and other regulations.	Liquid Process Analyses	\$ 5,802,200	16.8 %	
	Solids Process Analyses	\$ 2,993,700	8.7 %	
	Air Quality Monitoring	\$ 253,900	0.7 %	
		\$ 9,049,800	26.2 %	
2. WASTE MONITORING: Administer the Sewage and Waste Control Ordinance (Pretreatment Program), User Charge Ordinance (User Charge Program), Environmental Remediation Wastewater Ordinance, and Chemical Toilet Wastes Disposal Ordinance.	Residential Users	\$ 313,700	0.9 %	
	Large Commercial - Industrial and Tax-Exempt Users	\$ 5,748,200	16.7 %	
	Environmental Remediation	\$ 170,100	0.5 %	
	Chemical Toilet Waste	\$ 283,900	0.8 %	
	* Note: "SIUs" refers to Significant Industrial Users.	SIUs* - Pretreatment Program	\$ 5,740,400	16.6 %
	Other Industrial Users	\$ 389,100	1.1 %	
	All Other - General	\$ 462,100	1.4 %	
	\$ 13,107,500	38.0 %		
3. ENVIRONMENTAL MONITORING: Monitor the water quality of Lake Michigan and the waterways in order to detect and reduce the incidence of pollution.	Lake Michigan Monitoring	\$ 58,500	0.2 %	
	Waterways Monitoring	\$ 2,443,200	7.1 %	
	Inspection Events	\$ 210,400	0.6 %	
	Groundwater Monitoring	\$ 635,300	1.8 %	
		\$ 3,347,400	9.7 %	
4. TECHNICAL ASSISTANCE: Conduct a program of independent review of water reclamation plant operations, regular consultation, and assistance for the solution of operating problems, provide technical assistance to other agencies upon request, provide review and response to proposed regulations issued by federal, state, and local governments, and provide long-term facility planning.	M&O Assistance	\$ 2,223,400	6.5 %	
	General Assistance	\$ 839,300	2.4 %	
	Regulatory Review and Response	\$ 563,900	1.6 %	
	Engineering Process Design Support	\$ 1,211,600	3.5 %	
	Regulatory Compliance Reporting	\$ 614,000	1.8 %	
	Facility Capital Planning	\$ 1,005,000	2.9 %	
		\$ 6,457,200	18.7 %	
5. OPERATIONS & APPLIED RESEARCH: Conduct operations and applied research for process improvement and cost reduction in District operations.		\$ 2,543,500	7.4 %	
	Totals	\$ 34,505,400	100.0 %	

**16000 MONITORING & RESEARCH**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change			
Number	Name	Actual	FTEs	Dollars	Dollars	Percent		
4650	Operations Monitoring	\$ 8,287,772	2025	79	\$ 9,049,800	\$ (444,400)	(4.7)	a)
			2024	78	\$ 9,494,200			
4660	Waste Monitoring	\$11,224,563	2025	109	\$ 12,645,400	\$ 111,300	0.9	
			2024	110	\$ 12,534,100			
4670	Environmental Monitoring	\$ 3,186,957	2025	29	\$ 3,347,400	\$ 105,800	3.3	
			2024	29	\$ 3,241,600			
4680	Technical Assistance	\$ 5,865,723	2025	51	\$ 6,457,200	\$ (384,300)	(5.6)	b)
			2024	51	\$ 6,841,500			
4690	Operations and Applied Research	\$ 2,097,595	2025	21	\$ 2,543,500	\$ (143,900)	(5.4)	
			2024	21	\$ 2,687,400			
7252	Management and Organization Studies	\$ 237,040	2025	—	\$ —	\$ —	—	
			2024	—	\$ —			
7604	Social Security and Medicare Contributions	\$ 389,494	2025	—	\$ 462,100	\$ 3,400	0.7	
			2024	—	\$ 458,700			
Totals		\$31,289,144	2025	289	\$ 34,505,400	\$ (752,100)	(2.1)%	
			2024	289	\$ 35,257,500			

a) Decrease is due to the reduced need for laboratory instruments at the Stickney (\$210,000) and Egan (\$145,000) Analytical Laboratories.  
 b) Decrease is due to the revised schedule of the Odor Control Study (\$453,200), offset by the increase for turbine gas monitoring (\$38,000).

**16000 MONITORING & RESEARCH**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated	
4650	Operations Monitoring: Monitoring of water reclamation plant operations to inform operations and comply with permits and regulations					
4652	Liquid Monitoring: Monitoring of the District's liquid process trains (primarily effluent) to inform operations and comply with permits and regulations	Liquid Process Analyses	206,854	203,610	218,009	
		Program Cost	\$ 5,364,373	\$ 6,329,200	\$ 5,802,200	a)
		Program Cost/Analysis	\$ 25.93	\$ 31.08	\$ 26.61	
4653	Solids Monitoring: Monitoring of the District's sludge and biosolids generated from the wastewater treatment process, including groundwater lysimeters at the solids management areas, to inform operations and comply with permits and regulations	Number of Analyses	66,421	64,589	69,443	
		Program Cost	\$ 2,699,787	\$ 2,909,400	\$ 2,993,700	
		Program Cost/Analysis	\$ 40.65	\$ 45.04	\$ 43.11	
4654	Air Monitoring: Air quality monitoring at the District's WRPs and solids management areas to comply with regulations and identify odors affecting surrounding areas resulting in citizen complaints	Number of Analyses	14,036	14,016	14,136	
		Sampling Events	201	210	214	
		Program Cost	\$ 223,612	\$ 255,600	\$ 253,900	
		Program Cost/Analysis	\$ 15.93	\$ 18.24	\$ 17.96	
4660	Waste Monitoring: Activities associated with sampling, analysis, enforcement, and administration of users so classified below to monitor compliance with the User Charge and Pretreatment Programs					
4661	User Charge Ordinance - Residential and Small Non-Residential Commercial/Industrial Users	Number of Users	1,715	1,400	1,400	
		Program Cost	\$ 276,403	\$ 316,500	\$ 313,700	
		Program Cost/User	\$ 161.17	\$ 226.07	\$ 224.07	
4663	User Charge Ordinance - Large Commercial - Industrial and Tax-Exempt Users	Number of Users	3,248	3,250	3,240	
		Program Cost	\$ 5,131,002	\$ 5,732,200	\$ 5,748,200	
		Program Cost/User	\$ 1,579.74	\$ 1,763.75	\$ 1,774.14	
		Revenue	\$ 38,536,900	\$ 36,000,000	\$ 37,000,000	b)
		Revenue/User	\$ 11,864.81	\$ 11,076.92	\$ 11,419.75	
		Industrial Waste Monitoring Analyses	31,553	29,749	31,059	
		Program Cost/Analysis	\$ 162.62	\$ 192.69	\$ 185.07	
4664	Environmental Remediation Wastewater Ordinance	Permits Issued	5	10	10	
		Program Cost	\$ 128,092	\$ 147,500	\$ 170,100	c)
		Program Cost/Permit	\$ 25,618.40	\$ 14,750.00	\$ 17,010.00	
a) Decrease is due to the reduced need for laboratory instruments at the Stickney (\$210,000) and Egan (\$145,000) Analytical Laboratories, expiration of the Laboratory Information System Upgrade contract (\$89,500) and reduced need for laboratory instruments at the Organic Compounds (\$50,000) and Calumet (\$46,900) Analytical Laboratories.						
b) Increase is due to projected user charge trends.						
c) Increase is due to the reallocation of salaries to more accurately reflect current activities (\$22,900).						

**16000 MONITORING & RESEARCH**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated	
4665	Chemical Toilet Wastes Disposal Ordinance	Permits Issued	4	4	4	
		Program Cost	\$ 231,084	\$ 288,300	\$ 283,900	
		Program Cost/Permit	\$ 57,771.00	\$ 72,075.00	\$ 70,975.00	
4666	Sewage and Waste Control Ordinance - SIUs	Number of SIUs	306	310	300	
		Waste Monitoring Analyses	37,461	42,705	38,941	
		Program Cost	\$ 5,098,314	\$ 5,641,500	\$ 5,740,400	
		Program Cost/Analysis	\$ 136.10	\$ 132.10	\$ 147.41	
		Program Cost/SIU	\$ 16,661.16	\$ 18,198.39	\$ 19,134.67	
4668	Other Regulatory Activities - Industrial Users	Number of IUs	196	110	200	d)
		Program Cost	\$ 359,668	\$ 408,100	\$ 389,100	
		Program Cost/IU	\$ 1,835.04	\$ 3,710.00	\$ 1,945.50	
4670	Environmental Monitoring: Regulatory required monitoring or discretionary sampling and analysis to address or evaluate the impact of wastewater conveyance, treatment, and discharge of treated effluent on local surface water and groundwater					
4671	Lake Michigan Monitoring: Sampling and analysis to determine the impact of Combined Sewer Overflow backflow, due to storm events, on the water quality of Lake Michigan	Environmental Analyses	540	250	250	
		Program Cost	\$ 86,209	\$ 55,000	\$ 58,500	
		Program Cost/Analysis	\$ 159.65	\$ 220.00	\$ 234.00	
4672	Waterways Monitoring: Sampling and analysis of Chicago Area Waterways to assess the impact of treated effluent discharge and comply with regulations	Sampling Events	758	718	750	
		Environmental Analyses	44,191	32,563	35,714	
		Program Cost	\$ 2,346,966	\$ 2,344,200	\$ 2,443,200	
		Program Cost/Analysis	\$ 53.11	\$ 71.99	\$ 68.41	
4673	Inspection Events: Inspections in response to complaints from citizens and requests from fire and police departments, and municipal and regulatory agencies. Also, activities related to enforcement of the Sewage and Waste Control Ordinance for direct discharges to waterways	Inspection Events	105	100	100	
		Program Cost	\$ 198,662	\$ 205,500	\$ 210,400	
		Program Cost/Inspection	\$ 1,892.02	\$ 2,055.00	\$ 2,104.00	
4674	Groundwater Monitoring: Sampling and analysis conducted at various sites such as wells and reservoirs associated with the TARP System, and lysimeters and wells at solids management areas to comply with IEPA permits	Number of Analyses	10,111	10,145	12,784	e)
		Sampling Events	292	300	300	
		Number of Sites	165	165	135	f)
		Program Cost	\$ 555,120	\$ 636,900	\$ 635,300	
		Program Cost/Analysis	\$ 54.90	\$ 62.78	\$ 49.69	
	d) Increase is due to additional dental, phosphorus, and PFAS project inspections to investigate sources of pollutants, as a result of new and proposed regulations.					
	e) Increase is due to the wet-weather fill events at the McCook and Thornton Composite Reservoirs.					
	f) Decrease is due to the termination of four (4) monitoring wells at the Thornton Composite Reservoir, and the decision to include twenty-six (26) lysimeters at the Solids Management Areas in a more appropriate program, Program 4653.					

**16000 MONITORING & RESEARCH**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated	
4680	Technical Assistance					
4681	Assistance to Maintenance & Operations Department	Responses Completed	335	566	322	g)
	Troubleshoot problems in plant operations or evaluate options to improve the effectiveness and cost efficiencies in plant operations	Number of Analyses	18,499	17,276	17,813	
		Sampling Events	486	566	454	g)
		Program Cost	\$ 2,027,605	\$ 2,697,900	\$ 2,223,400	h)
		Program Cost/Analysis	\$ 109.61	\$ 156.16	\$ 124.82	
		Program Cost/Event	\$ 4,172.03	\$ 4,766.61	\$ 4,897.36	
4682	General Assistance to All Other Departments: Technical assistance based on requests, primarily to the Law Department	Responses Completed	279	283	247	
		Number of Analyses	350	848	459	i)
		Inspections/Sampling Events	48	79	44	i)
		Program Cost	\$ 636,691	\$ 844,400	\$ 839,300	
		Program Cost/Analysis	\$ 1,819.12	\$ 995.75	\$ 1,828.54	
		Program Cost/Event	\$ 13,264.40	\$ 10,688.61	\$ 19,075.00	
4683	Regulatory Review and Response: Review of current or pending federal, state, and local regulations to determine the impact and cost on District operations	Responses Completed	15	25	24	
		Program Cost	\$ 725,614	\$ 554,800	\$ 563,900	
4684	Engineering Process Design Support: Technical assistance to the Engineering Department to improve District facilities and optimize process design	Number of Analyses	14,165	14,887	6,199	j)
		Responses Completed	0	80	0	j)
		Sampling Events	0	—	0	
		Program Cost	\$ 1,068,526	\$ 1,192,000	\$ 1,211,600	
		Program Cost/Analysis	\$ 75.43	\$ 80.07	\$ 195.45	
4685	Regulatory Compliance Reporting: Preparation of reports and letters required by regulatory agencies, such as USEPA and IEPA, to comply with permits and other regulatory requirements or to justify modifications of regulatory requirements	Reports/Data Transmittal Letters	50	53	57	
		Program Cost	\$ 573,757	\$ 619,500	\$ 614,000	
		Program Cost/Report	\$ 11,475.14	\$ 11,688.68	\$ 10,771.93	
4686	Facility Capital Planning and Capital/Maintenance Project Evaluations: Activities to develop, facilitate, prioritize, and document the District's capital plan alternatives to improve the District's treatment plant processes and infrastructure	Program Cost	\$ 833,530	\$ 932,900	\$ 1,005,000	
4690	Operations and Applied Research: Basic and applied research to generate information to improve District operations, evaluate the impact of District activities on the environment, and to address the potential impact of regulations on District operations	Sampling Events	1,734	2,082	2,013	
		Research Projects	42	100	42	k)
		Laboratory Analyses	26,179	23,831	23,043	
		Program Cost	\$ 2,097,595	\$ 2,687,400	\$ 2,543,500	
		Program Cost/Analysis	\$ 80.13	\$ 112.77	\$ 110.38	
7252	Management and Organization Studies	Program Cost	\$ 237,040	\$ —	\$ —	
7604	Social Security and Medicare Contributions	Program Cost	\$ 389,494	\$ 458,700	\$ 462,100	
	Totals		\$ 31,289,144	\$ 35,257,500	\$ 34,505,400	

- g) Decrease is due to the overestimate of 2024 responses and sampling events.
- h) Decrease is due to the revised schedule of the Odor Control Study (\$453,200).
- i) Decrease is due to analyses and inspections/sampling in alternate years for the Tinley Creek Bank Stabilization and Midlothian Creek Stormwater Projects, which will not require analyses and inspections/sampling in 2025.
- j) Decrease is due to the reduction of engineering process design projects requiring analyses and the fluctuation in technical assistance requests from other departments.
- k) Decrease is due to a change in numbering and tracking methods.



101 16000	Fund: Corporate Department: Monitoring & Research	LINE ITEM ANALYSIS						
		2023	2024				2025	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 27,352,690	\$ 30,030,600	\$ 30,030,600	\$ 20,523,445	\$ 28,124,300	\$ 30,679,700	\$ —
601060	Compensation Plan Adjustments	732,104	968,000	968,000	322,492	360,000	982,700	—
601070	Social Security and Medicare Contributions	389,494	458,700	458,700	305,954	397,300	462,100	—
601100	Tuition and Training Payments	71,042	110,200	110,200	51,771	78,700	68,000	—
100	TOTAL PERSONAL SERVICES	28,545,331	31,567,500	31,567,500	21,203,662	28,960,300	32,192,500	—
612010	Travel	13,100	42,300	42,300	13,382	37,700	22,400	—
612030	Meals and Lodging	34,575	89,900	89,900	37,796	79,400	60,200	—
612040	Postage, Freight, and Delivery Charges	3,149	10,200	10,200	9,900	6,600	11,100	—
612050	Compensation for Personally-Owned Automobiles	24,220	31,300	31,300	18,168	25,500	29,100	—
612080	Motor Vehicle Operating Services	171	600	600	113	500	500	—
612330	Rental Charges	843	1,600	1,600	1,540	1,600	1,600	—
612410	Governmental Service Charges	18,000	19,000	19,000	19,000	19,300	19,400	—
612430	Payments for Professional Services	182,845	640,700	640,700	631,664	539,200	151,100	—
612490	Contractual Services, N.O.C.	276,694	677,000	677,000	540,325	479,900	544,300	—
612790	Repairs to Marine Equipment	21,181	43,000	43,000	40,700	39,000	42,500	—
612820	Computer Software Maintenance	32,943	31,000	31,000	22,296	22,800	23,700	—
612970	Repairs to Testing and Laboratory Equipment	349,244	519,700	519,700	472,047	483,300	456,000	—
200	TOTAL CONTRACTUAL SERVICES	956,966	2,106,300	2,106,300	1,806,931	1,734,800	1,361,900	—
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	30,575	47,600	47,600	38,547	46,700	40,600	—
623530	Farming Supplies	15,631	10,000	10,000	9,469	10,000	15,000	—
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	613,287	483,200	483,200	464,780	369,900	437,100	—
623700	Wearing Apparel	15,739	18,000	18,000	17,851	18,000	18,500	—
623720	Books, Maps, and Charts	838	2,900	2,900	1,091	2,900	1,500	—
623810	Computer Supplies	94,796	1,300	1,300	—	—	300	—
623820	Fuel	15,890	19,000	19,000	19,000	8,100	21,100	—
623990	Materials and Supplies, N.O.C.	138,154	94,300	94,300	85,267	90,500	64,900	—
300	TOTAL MATERIALS AND SUPPLIES	924,910	676,300	676,300	636,005	546,100	599,000	—

101 16000	Fund: Corporate Department: Monitoring & Research	LINE ITEM ANALYSIS						
		2023	2024			2025		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
634790	Marine Equipment	123,677	—	—	—	—	125,000	—
634820	Computer Software	93,356	109,500	109,500	100,644	100,600	—	—
634970	Testing and Laboratory Equipment	644,903	797,900	797,900	785,067	697,500	227,000	—
400	TOTAL MACHINERY AND EQUIPMENT	861,936	907,400	907,400	885,711	798,100	352,000	—
<b>TOTAL MONITORING &amp; RESEARCH</b>		<b>\$ 31,289,142</b>	<b>\$ 35,257,500</b>	<b>\$ 35,257,500</b>	<b>\$ 24,532,309</b>	<b>\$ 32,039,300</b>	<b>\$ 34,505,400</b>	<b>\$ —</b>

NOTES: 1. Amounts may not add up due to rounding.  
 2. Departmental appropriation totals for salaries in the Line Item Analysis may differ from those contained in the Position Analysis by a factor identified to adjust for vacancies.  
 Additionally, Estimated Expenditure may either exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>110</b>	<b>Executive Division</b>					
<b>111</b>	<b>Executive Section</b>					
EX11	Director of Monitoring & Research	1	1		1	
EX06	Secretary to Officer	—	1		1	
HP12	Secretary #2 (Administrative Specialist) (New Grade HP11)	1	1		1	
TOTAL 111	Executive Section	2	3	500,672	3	505,280
<b>112</b>	<b>Budget &amp; Administrative Section</b>					
HP23	Deputy Director of Monitoring & Research	—	1		1	
HP18	Supervising Budget & Management Analyst	1	1		1	
HP16	Senior Budget & Management Analyst	1	1		1	
HP14	Budget & Management Analyst	2	2		2	
HP11	Administrative Specialist	1	1		1	
TOTAL 112	Budget & Administrative Section	5	6	792,595	6	816,704
TOTAL 110	Executive Division	7	9	1,293,267	9	1,321,984
<b>120</b>	<b>Environmental Monitoring &amp; Research Division</b>					
<b>121</b>	<b>Environmental Monitoring &amp; Research Administrative Section</b>					
HP22	Assistant Director of Monitoring & Research	1	1		1	
HP20	Environmental Monitoring & Research Manager	1	1		1	
HP15	Associate Civil Engineer	1	1		1	
HP13	Senior Administrative Specialist	2	2		2	
HP11	Administrative Specialist	3	3		3	
TOTAL 121	Environmental Monitoring & Research Administrative Section	8	8	1,113,376	8	1,097,320
<b>122</b>	<b>Wastewater Treatment Operations Support Section</b>					
HP17	Senior Environmental Research Scientist	1	1		1	
HP15	Environmental Research Scientist	2	2		2	
HP11	Environmental Research Technician	1	2		2	
TOTAL 122	Wastewater Treatment Operations Support Section	4	5	518,327	5	510,442

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>123</b>	<b>Biosolids Section</b>					
HP18	Principal Environmental Scientist	1	1		1	
HP17	Senior Environmental Soil Scientist	2	2		2	
HP15	Environmental Soil Scientist	2	2		2	
HP13	Senior Environmental Research Technician	1	1		1	
HP11	Environmental Research Technician	5	4		4	
HP09	Laboratory Assistant	1	1		1	
NR3642	Pollution Control Technician II	2	2		2	
TOTAL 123	Biosolids Section	14	13	1,252,429	13	1,253,963
<b>124</b>	<b>Microbiology Section</b>					
HP18	Principal Environmental Scientist	1	1		1	
HP17	Senior Environmental Microbiologist	1	1		1	
HP16	Associate Environmental Microbiologist #2 (Environmental Microbiologist) (New Grade HP15)	1	—		—	
HP15	Environmental Microbiologist	1	2		2	
HP13	Senior Laboratory Technician	1	1		2	
HP11	Laboratory Technician (formerly Laboratory Technician II)	7	7		6	
HP09	Laboratory Assistant	2	2		2	
TOTAL 124	Microbiology Section	14	14	1,243,855	14	1,265,481
<b>126</b>	<b>Aquatic Ecology Section</b>					
HP18	Principal Environmental Scientist	1	1		1	
HP17	Senior Aquatic Biologist	1	1		1	
HP16	Associate Aquatic Biologist #2 (Aquatic Biologist) (New Grade HP15)	1	1		1	
HP15	Aquatic Biologist	2	2		2	
HP13	Senior Environmental Research Technician	1	1		1	
HP11	Environmental Research Technician	4	4		4	
NR6441	Patrol Boat Captain	2	2		2	
NR3641	Pollution Control Technician I	3	3		3	
TOTAL 126	Aquatic Ecology Section	15	15	1,495,494	15	1,518,615

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>129</b>	<b>Wastewater Capital Planning &amp; Research Section</b>					
HP20	Managing Engineer	1	1		1	
HP18	Principal Engineer	1	1		1	
HP18	Principal Environmental Scientist	2	3		3	
HP17	Senior Civil Engineer	2	2		2	
HP17	Senior Environmental Research Scientist	3	4		4	
HP17	Senior Mechanical Engineer	1	1		1	
HP15	Associate Civil Engineer	1	1		1	
HP15	Associate Mechanical Engineer	1	1		1	
HP15	Environmental Research Scientist	3	4		4	
HP13	Senior Environmental Research Technician	2	2		2	
HP11	Environmental Research Technician	6	6		6	
TOTAL 129	Wastewater Capital Planning & Research Section	23	26	3,219,673	26	3,259,208
TOTAL 120	Environmental Monitoring & Research Division	78	81	8,843,154	81	8,905,029
<b>130</b>	<b>Strategic Planning &amp; Innovation Division</b>					
<b>134</b>	<b>Innovation &amp; New Technology Section</b>					
HP18	Principal Environmental Scientist	1	—		—	
HP17	Senior Environmental Research Scientist	1	—		—	
TOTAL 134	Innovation & New Technology Section	2	—	—	—	—
TOTAL 130	Strategic Planning & Innovation Division	2	—	—	—	—
<b>160</b>	<b>Analytical Laboratories Division</b>					
<b>161</b>	<b>Analytical Laboratories Administrative Section</b>					
HP22	Assistant Director of Monitoring & Research	1	1		1	
HP18	Supervising Environmental Chemist	1	1		1	
HP17	Senior Environmental Chemist	1	1		1	
HP15	Environmental Chemist	3	3		3	
HP13	Senior Administrative Specialist	2	2		2	

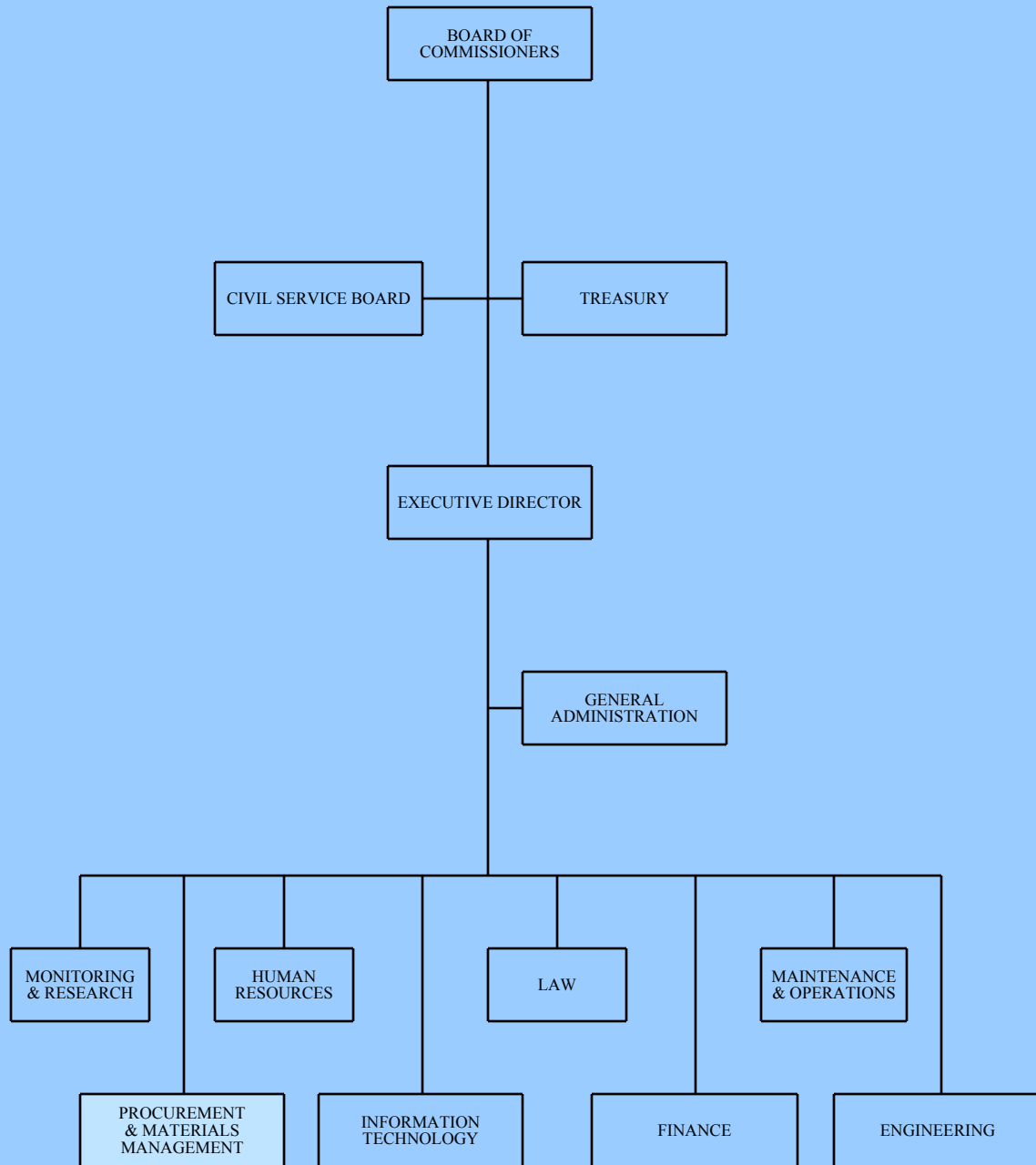
Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
HP09	Administrative Clerk	1	1		—	
HP09	Administrative Clerk #1	—	—		1	
TOTAL 161	Analytical Laboratories Administrative Section	9	9	1,106,332	9	1,153,703
	<b>162 Stickney Analytical Laboratory Section</b>					
HP18	Supervising Environmental Chemist	1	1		1	
HP17	Senior Environmental Chemist	2	2		2	
HP15	Environmental Chemist	4	4		4	
HP13	Senior Laboratory Technician	3	4		4	
HP11	Administrative Specialist	1	1		1	
HP11	Laboratory Technician (formerly Laboratory Technician II)	11	10		10	
HP09	Laboratory Assistant	2	2		2	
TOTAL 162	Stickney Analytical Laboratory Section	24	24	2,288,233	24	2,328,196
	<b>164 Industrial Waste Analytical Laboratory Section</b>					
HP18	Supervising Environmental Chemist	1	1		1	
HP17	Senior Environmental Chemist	2	2		2	
HP15	Environmental Chemist	4	4		4	
HP13	Senior Laboratory Technician	3	3		3	
HP11	Laboratory Technician (formerly Laboratory Technician II)	10	10		10	
HP09	Laboratory Assistant	2	2		2	
TOTAL 164	Industrial Waste Analytical Laboratory Section	22	22	2,115,643	22	2,158,955
	<b>165 Organic Compounds Analytical Laboratory Section</b>					
HP18	Supervising Environmental Chemist	1	1		1	
HP17	Senior Environmental Chemist	2	2		2	
HP15	Environmental Chemist	3	3		3	
HP13	Senior Laboratory Technician	1	1		1	
HP11	Laboratory Technician (formerly Laboratory Technician II)	3	3		3	
TOTAL 165	Organic Compounds Analytical Laboratory Section	10	10	1,162,327	10	1,195,877
	<b>166 Egan Analytical Laboratory Section</b>					
HP18	Supervising Environmental Chemist	1	1		1	

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
HP17	Senior Environmental Chemist	2	2		2	
HP15	Environmental Chemist	3	3		3	
HP13	Senior Laboratory Technician	2	2		3	
HP11	Administrative Specialist	1	1		1	
HP11	Laboratory Technician (formerly Laboratory Technician II)	8	8		8	
HP09	Laboratory Assistant	2	2		2	
TOTAL 166	Egan Analytical Laboratory Section	19	19	1,703,481	20	1,851,565
	<b>167 Calumet Analytical Laboratory Section</b>					
HP18	Supervising Environmental Chemist	1	1		1	
HP17	Senior Environmental Chemist	2	2		2	
HP15	Environmental Chemist	3	3		3	
HP13	Senior Laboratory Technician	2	2		2	
HP11	Administrative Specialist	1	1		1	
HP11	Laboratory Technician (formerly Laboratory Technician II)	8	8		8	
HP09	Laboratory Assistant	2	2		2	
TOTAL 167	Calumet Analytical Laboratory Section	19	19	1,845,651	19	1,799,275
TOTAL 160	Analytical Laboratories Division	103	103	10,221,666	104	10,487,571
	<b>190 Industrial Waste Division</b>					
	<b>191 Industrial Waste Administrative Section</b>					
HP22	Assistant Director of Monitoring & Research	1	1		1	
HP13	Senior Administrative Specialist	—	1		1	
HP11	Administrative Specialist	1	—		—	
HP11	Administrative Specialist #1	—	1		—	
TOTAL 191	Industrial Waste Administrative Section	2	3	410,698	2	343,548
	<b>192 Technical Services Section</b>					
HP18	Supervising Environmental Specialist	1	1		1	
HP17	Senior Environmental Specialist	2	2		2	
HP15	Environmental Specialist	3	3		3	
HP11	Administrative Specialist	1	1		1	
NR3642	Pollution Control Technician II	1	1		1	
TOTAL 192	Technical Services Section	8	8	997,732	8	961,421

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>193</b>	<b>Pretreatment &amp; Cost Recovery Section</b>					
HP18	Supervising Environmental Specialist	2	2		2	
HP17	Senior Civil Engineer	1	1		1	
HP17	Senior Environmental Specialist	3	3		3	
HP15	Associate Civil Engineer	8	8		8	
HP15	Environmental Specialist	15	16		16	
HP11	Administrative Specialist	2	2		2	
HP09	Administrative Clerk	2	2		2	
TOTAL 193	Pretreatment & Cost Recovery Section	33	34	4,109,213	34	4,141,013
<b>194</b>	<b>Field Services Section</b>					
HP18	Supervising Environmental Specialist	2	2		2	
HP17	Senior Environmental Specialist	4	4		4	
HP15	Environmental Specialist	24	23		23	
HP13	Senior Administrative Specialist	1	1		1	
HP11	Administrative Specialist	1	1		1	
NR3641	Pollution Control Technician I	20	20		20	
TOTAL 194	Field Services Section	52	51	5,230,968	51	5,305,873
TOTAL 190	Industrial Waste Division	95	96	10,748,611	95	10,751,855
TOTAL	Monitoring & Research	285	289	31,106,699	289	31,466,439

NOTE: Departmental appropriation totals for salaries in the Position Analysis differ from those contained in the Line Item Analysis by a factor identified to adjust for vacancies. Salary ranges corresponding to the pay plan and grade for each class title can be found in the table of Salary Schedules in the Appendix. Dollar amounts may not add up due to rounding.





**Metropolitan Water Reclamation District of Greater Chicago**

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

312.751.5600

September 10, 2024

Mr. Brian A. Perkovich  
Executive Director  
OFFICE

Dear Sir:

Subject: 2025 Program for Procurement & Materials Management Department

The Procurement & Materials Management Department's program for 2025, as prepared in detail, is transmitted herewith. The budget presentation supports the request for funding of 2025 initiatives in alignment with and in support of the Strategic Plan. The budget requests include all amendments as directed by you during the Executive Director Budget Hearings in August of this year.

The narrative provides a summary of the department, 2025 major initiatives and challenges, and 2024 accomplishments. Supporting schedules of objectives, performance, and staffing levels present three years of detailed budgetary information.

Thank you for the opportunity to present the proposed Procurement & Materials Management Department budget for 2025.

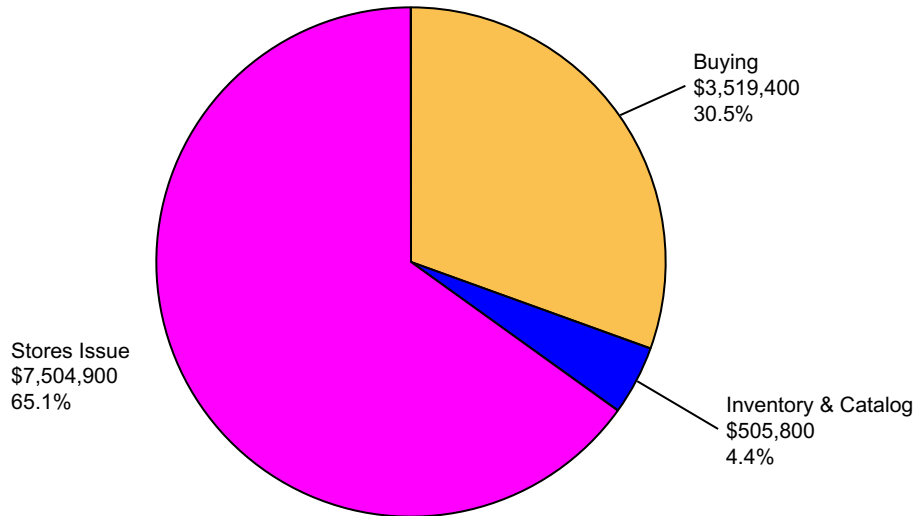
Respectfully submitted,



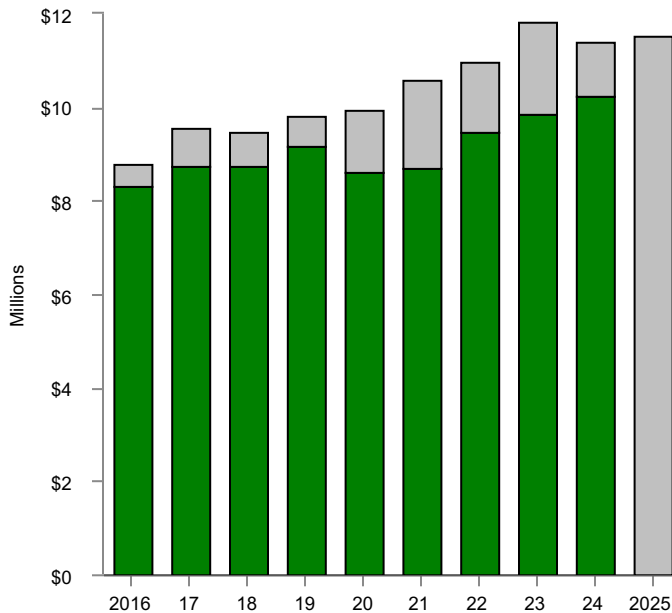
Darlene A. LoCascio  
Director of Procurement & Materials Management

# PROCUREMENT & MATERIALS MANAGEMENT PROGRAMS

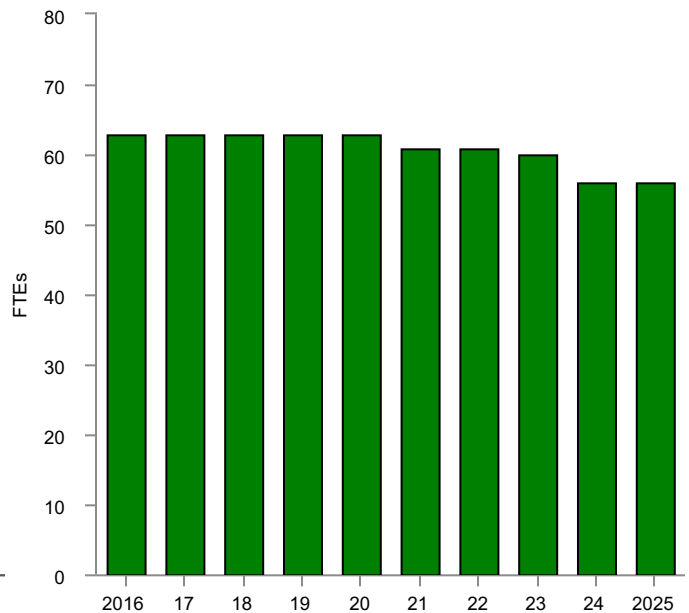
2025	\$11,530,100
2024	\$11,381,400
Increase	\$148,700



## APPROPRIATIONS & EXPENDITURES



## BUDGETED FTE POSITIONS



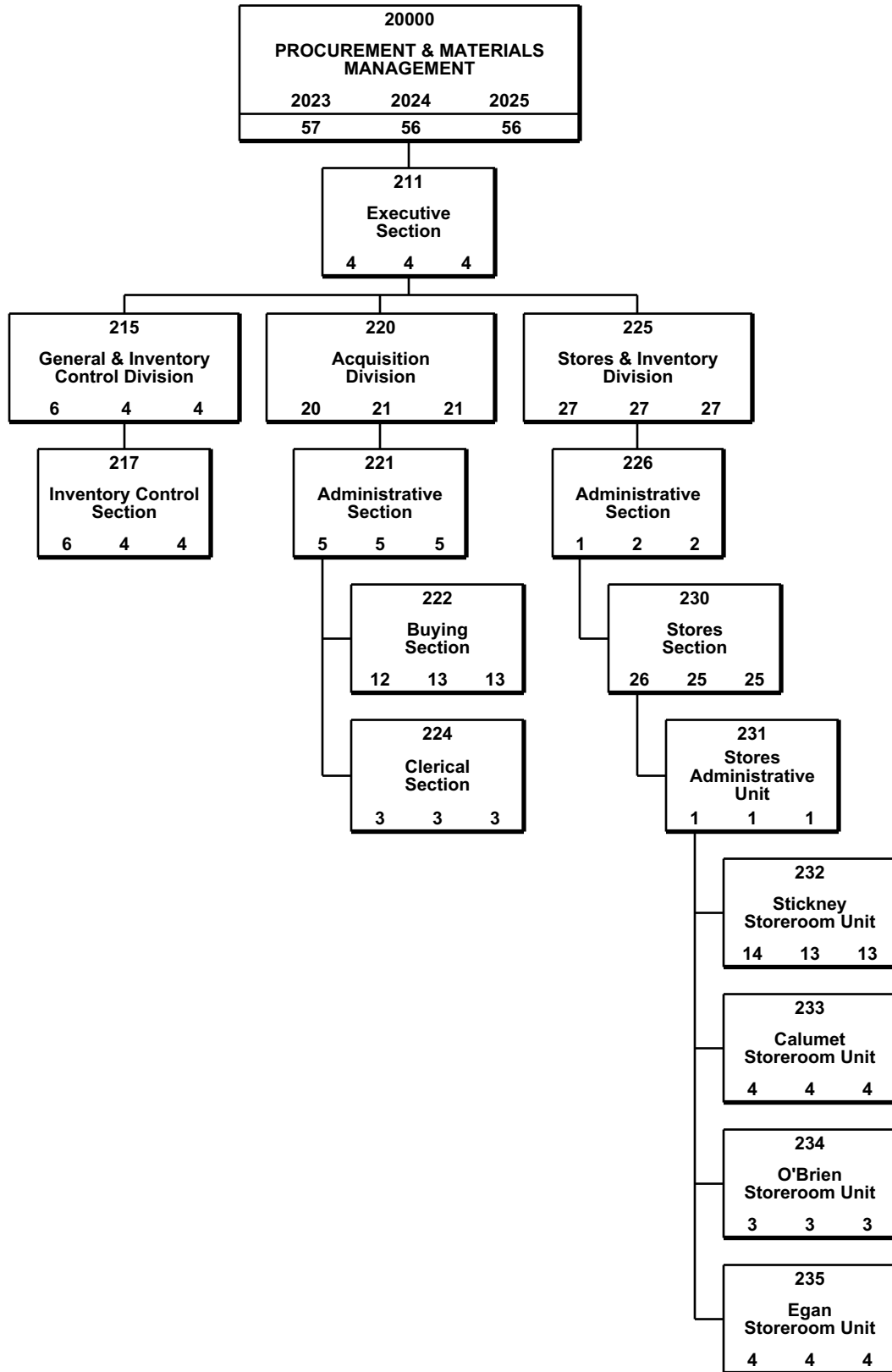
2024 Expenditures are estimated

EXPENDITURES
  APPROPRIATIONS

**2017** - Increase is due to increased need for various inventory.  
**2021** - Increase is due to increased need for inventory related to the COVID-19 global pandemic.  
**2023** - Increase is due to increased need for various supplies and materials.

**2021** - Decrease is due to an organizational redesign.  
**2024** - Decrease is due to the drop of six positions, the transfer of one position to General Administration, and the addition of three new positions.

# PROCUREMENT & MATERIALS MANAGEMENT



## PROCUREMENT & MATERIALS MANAGEMENT

**The mission of the Procurement & Materials Management Department (P&MM) is to procure goods and services required for District operations in compliance with the Purchasing Act.**

### Departmental Summary

P&MM is charged with the responsibility of procuring all of the materials and services that are used by the District. The Purchasing Act for the District delineates both the authority and operating regulations. This Act outlines the duties and responsibilities of the Director of P&MM in the various areas of purchasing supplies and services, requesting and receiving bids, determining control and operation of the storerooms, disposing of obsolete, surplus, or unusable materials, and verifying quality and testing of materials.

### Summary of 2024 Major Accomplishments

- Implemented the recommendations of the website consultant to make the site easier for bidders to use;
- Developed a work plan to identify engineering spare parts within the Dr. Cecil Lue-Hing Research and Development Complex at the Stickney WRP and link them to assets within that building;
- Completed individualized training curricula with the National Institute of Governmental Purchasing, designed to prepare Buyers and Senior Buyers to apply for certification as Certified Procurement Professionals, a nationally recognized certification for public procurement professionals;
- Increased transparency by adding search functionality to the MWRD's website to show a contract's original award amount, current contract amount with change orders, and payments made;
- Revised procedures so that planholders are emailed reminders to sign documents, and added a folder in the District's eProcurement software with reminders to make sure all required documents have been signed.

### 2025 Appropriation and Position Summary

The 2025 appropriation for P&MM is \$11,530,100, an increase of \$148,700, or 1.3 percent, from 2024. The staffing level remains unchanged at 56 positions.

### 2025 Budget Highlights

The following budget highlight supports the District's Strategic Plan Goal of Resource Management. The initiative highlighted below demonstrates the District's commitment to managing resources in the most efficient and economical manner.

#### Manage MWRD assets to maintain optimal performance and long-term sustainability

- Expand the project to identify engineering spare parts and link them to assets and preventive maintenance plans to include additional buildings and plants. This will allow using departments to readily identify available spare parts, obsolete parts and equipment, and ensure that appropriate preventive maintenance materials are available.

The following budget highlights support the District's Strategic Plan Goal of Community Engagement. The initiatives highlighted below will ensure that the District will be an inclusive business partner.

#### Enhance the experience of vendors that do business with the MWRD

- Provide additional information on the website regarding contracts, agreements, and proposal pages to further increase transparency and reduce the number of Freedom of Information Act requests.

The following budget highlights support the District's Strategic Plan Goal of Enterprise Resilience. The initiatives highlighted below will ensure that ongoing services are reliable, equitable, and cost-effective.

#### Pursue process and system improvements

- Implement a District-wide contract management software to streamline the contract development and management process and allow greater oversight and transparency;
- Work with the departments of Information Technology and Maintenance & Operations to complete the installation of Wi-Fi at the receiving and inspection areas of the storerooms and transition from desktop to laptop computers, significantly reducing cycle time to receive material into SAP and eliminating the printing and filing of purchase orders. This has been completed at the Stickney WRP storeroom and will be completed at the Calumet WRP, Egan WRP, and O'Brien WRP storerooms in 2025;
- Collaborate with the Maintenance & Operations Department to ensure that 100 percent of materials and supplies required for preventive maintenance work orders are available in the storerooms;
- Improve service levels to meet the needs and expectations of the internal customer, to enhance planning schedules, and adhere to project timeframes.

The following budget highlights support the District's Strategic Plan Goal of Workforce Excellence. The initiatives highlighted below will ensure the development and retention of best-in-class employees as the foundation of the District's ongoing success.

**Continue to offer all staff baseline training allocation.**

- Continue to offer training opportunities, with the goal that Buyers and Senior Buyers attain National Institute of Governmental Purchasing Certified Procurement Professional certification.

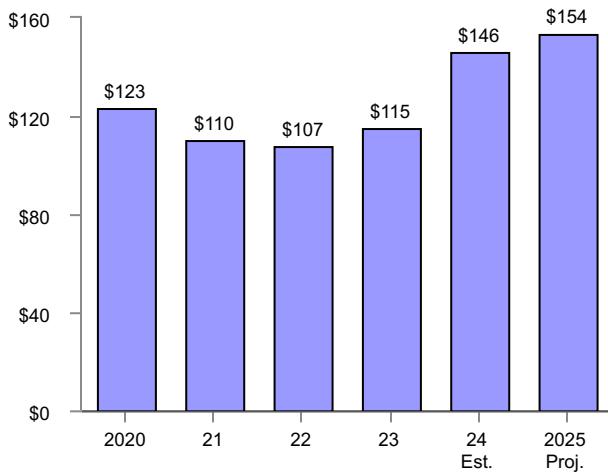
**Cost to Prepare a Purchase Order**

This data (see chart below) measures on average how much the District spends to issue a Purchase Order. It includes processing requisitions into inquiries for competitive purchases, preparing, evaluating, and receiving quotations, and preparing, issuing, and maintaining purchase orders.

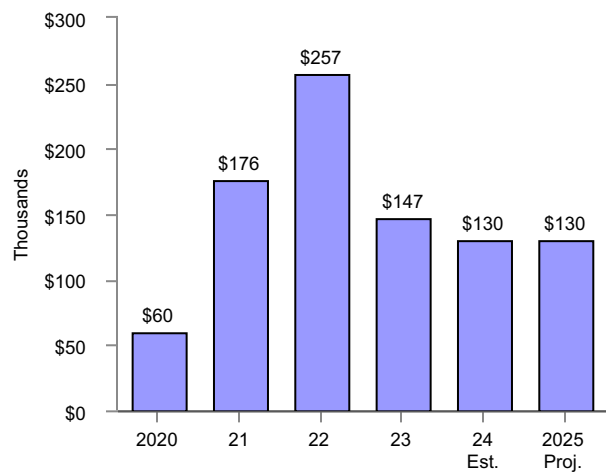
**Sales of Surplus Goods**

This data (see chart below) measures annual revenue generated by the sale of scrap, surplus, and obsolete materials; items that would otherwise be wasted or cost money for the District to dispose of. It includes vehicles that are beyond their useful life, and equipment, parts, and materials that have become obsolete, or otherwise cannot be used by the District.

**Cost to Prepare a Purchase Order**



**Sales of Surplus Goods**



Year-over-year fluctuations are the result of organizational redesign.

**2021** - Increase is due to the resumption of regular surplus and scrap sales and large volume of vehicle sales.  
**2022** - Increase is due to the sale of obsolete conveyors and rotating assemblies, and high prices realized for used vehicles.  
**2023** - Decrease is due to fewer large scrap items being available for sale.

**20000 PROCUREMENT & MATERIALS MANAGEMENT**

**OBJECTIVES AND PROGRAM SUMMARY**

OBJECTIVES BY PRIORITY:		Cost	Percent
1.	Provide purchasing services for all outside labor, materials, services, and equipment through contracts and purchase orders with an estimated value of \$449.7 million. The estimated number of contracts and purchase orders is 120 and 6,050, respectively. Maximize participation in District purchases by administering the Minority-owned Business Enterprise, Women-owned Business Enterprise, Small Business Enterprise, and Veteran-owned Business Enterprise programs. Support for the department's budget preparation.	\$ 3,519,400	30.5 %
2.	Service the District's user departments' material and supply requirements by operating and maintaining an effective and economical storeroom function by ordering, receiving, storing, and issuing inventory valued at \$37,650,000 and consisting of 73,025 items.	\$ 7,504,900	65.1 %
3.	Support the material and supply requirements of the District by planning, monitoring, cataloging, and controlling \$37,650,000 of inventory consisting of 73,025 items.	\$ 505,800	4.4 %
Totals		\$ 11,530,100	100.0 %

PROGRAMS BY PRIORITY:		2023	Budgeted		Change	
Number	Name	Actual	FTEs	Dollars	Dollars	Percent
7253	Support Department Budget Preparation, Monitoring, and Administration	\$ 144,346	2025	2 \$ 205,400	\$ —	—
			2024	2 \$ 205,400		
7260	Buying Procedures	\$ 2,252,374	2025	24 \$ 3,314,000	\$ 175,600	5.6
			2024	24 \$ 3,138,400		
7270	Inventory and Cataloging	\$ 537,044	2025	5 \$ 505,800	\$ (55,700)	(9.9)
			2024	5 \$ 561,500		
7280	Stores Operation and Issue	\$ 6,858,170	2025	25 \$ 7,413,100	\$ 31,600	0.4
			2024	25 \$ 7,381,500		
7604	Social Security and Medicare Contributions	\$ 74,252	2025	— \$ 91,800	\$ (2,800)	(3.0)
			2024	— \$ 94,600		
Totals		\$ 9,866,186	2025	56 \$ 11,530,100	\$ 148,700	1.3 %
			2024	56 \$ 11,381,400		

a) Increase is due to implementation of contract management software (\$150,000) and Automated Procurement FOIA Program (\$100,000), offset by fewer expected retirements (\$67,900) and the cancellation of the interactive vendor portal (\$59,000).

**20000 PROCUREMENT & MATERIALS MANAGEMENT**

**PERFORMANCE DATA**

Program Number	Measurable Activity		PERFORMANCE DATA		
			2023 Actual	2024 Budgeted	2025 Estimated
7253	Support Department Budget Preparation, Monitoring, and Administration	Cost	\$ 144,346	\$ 205,400	\$ 205,400
7260	Buying Procedures Purchase of all Labor, Materials, Services, and Equipment for the District				
7261	Prepare, Issue, and Maintain Purchase Orders to Appropriate Suppliers	Purchase Orders	5,730	5,800	6,050
		Cost	\$ 420,617	\$ 559,400	\$ 573,200
		Cost/Purchase Order	\$ 73.41	\$ 96.45	\$ 94.74
7262	Process Requisition Requirements into Inquiries for Competitive Purchases	Requisitions	7,662	8,700	8,200
		Cost	\$ 235,027	\$ 342,200	\$ 355,700
		Cost/Requisition	\$ 30.67	\$ 39.33	\$ 43.38
7263	Purchase all Labor, Materials, Services, and Equipment through Formal Contracts	Contracts Advertised	131	120	135
		Cost	\$ 896,956	\$ 1,137,900	\$ 1,165,400
		Cost/Contract	\$ 6,846.99	\$ 9,482.50	\$ 8,632.59
7264	Prepare, Receive, and Evaluate Quotations from Various Suppliers	Inquiries	22,325	27,000	24,500
		Cost	\$ 250,372	\$ 370,400	\$ 384,100
		Cost/Inquiry	\$ 11.21	\$ 13.72	\$ 15.68
7265	Advertise, Evaluate Bids, and Award the Sale of Obsolete Inventory, Scrap, Surplus Materials, and Document Fees	Revenue	\$ 146,820	\$ 150,000	\$ 130,000
		Cost	\$ 84,825	\$ 105,400	\$ 101,000
		Cost/\$1,000 Revenue	\$ 577.75	\$ 702.67	\$ 776.92
7269	Buying Procedures - All Other (General)	Cost	\$ 364,577	\$ 623,100	\$ 734,600
7270	Inventory and Cataloging Plan and Control Inventory to Support Material and Supply Requirements of the District				
7271	Identify, Classify, Code, and Maintain Catalog Descriptions for Equipment, Materials, and Supplies in District Storerooms	Inventory	\$ 37,432,142	\$ 36,500,000	\$ 37,650,000
		Cost	\$ 134,762	\$ 139,000	\$ 114,500
		Cost/Million	\$ 3,600.17	\$ 3,808.22	\$ 3,041.17
7272	Cycle Counting and Transaction File Maintenance to Ensure Optimum Levels of Inventory and Accountability of District Stock	Inventory	\$ 37,432,142	\$ 36,500,000	\$ 37,650,000
		Cost	\$ 205,589	\$ 213,200	\$ 203,800
		Cost/Million	\$ 5,492.31	\$ 5,841.10	\$ 5,413.01
7273	Requirement Planning, Controlling, Monitoring, and Analyzing Commodity Index Coded Items in an Optimum and Economic Manner	Cost	\$ 166,083	\$ 173,500	\$ 151,900
7279	Inventory and Cataloging - All Other (General)	Cost	\$ 30,610	\$ 35,800	\$ 35,600
<p>a) Increase is due to implementation of contract management software (\$150,000) and Automated Procurement FOIA Program (\$100,000), offset by fewer expected retirements (\$67,900) and the cancellation of the interactive vendor portal (\$59,000).</p> <p>b) Increase is due to annual fluctuations in inventory levels.</p> <p>c) Decrease is due to the reallocation of salaries more accurately reflect current activities (\$23,700).</p> <p>d) Decrease is due to the reallocation of salaries to more accurately reflect current activities (\$23,700) and annual fluctuations in inventory levels.</p>					



**20000 PROCUREMENT & MATERIALS MANAGEMENT**

**PERFORMANCE DATA**

Program Number	Measurable Activity	PERFORMANCE DATA		
		2023 Actual	2024 Budgeted	2025 Estimated
7280	Stores Operation and Issue			
	Operate and Maintain an Effective and Economical Storeroom Function			
7282	Initiate and Prepare Requisitions, Material Requirement Planning Runs, Systems Contracts, Total Stock Transports, Two-Steps, and Miscellaneous Purchases in Accordance with Established Policies and Rules	Requisitions 10,403 Cost \$ 491,549 Cost/Requisition \$ 47.25	10,330 \$ 499,600 \$ 48.36	10,650 \$ 467,000 \$ 43.85
7283	Receive, Inspect, and Move Purchased Materials, Both Stock and Non-Stock Items, to Ensure Compliance with Quantity, Quality, and Specifications of Purchase Orders	Receipts 20,845 Cost \$ 582,792 Cost/Receipt \$ 27.96	21,840 \$ 587,300 \$ 26.89	19,200 \$ 587,700 \$ 30.61
7284	Provide the Proper Storage Facilities, People, and Equipment to Effectively Store Materials and Supplies to Protect Against Damage, Malfunction or Loss, and to Move Materials in a Safe and Economical Manner	Inventory \$ 37,432,142 Cost \$ 688,956 Cost/Million \$ 18,405.47	\$ 36,500,000 \$ 822,800 \$ 22,542.47	\$ 37,650,000 \$ 723,500 \$ 19,216.47
7285	Provide Controlled Disbursement of Stored Materials and Supplies to Requesting Departments	Issue Slips 17,248 Cost \$ 664,095 Cost/Issue Slip \$ 38.50	18,275 \$ 744,800 \$ 40.76	18,235 \$ 771,800 \$ 42.33
7286	Stores Operation and Issue - All Other (General)	Cost \$ 178,718	\$ 218,200	\$ 212,700
7289	Inventory Purchases	Cost \$ 4,252,060	\$ 4,508,800	\$ 4,650,400
7604	Social Security and Medicare Contributions	Cost \$ 74,252	\$ 94,600	\$ 91,800
<b>Totals</b>		<b>\$ 9,866,186</b>	<b>\$ 11,381,400</b>	<b>\$ 11,530,100</b>

e) Increase is due to annual fluctuations in inventory levels.

101 20000	Fund: Corporate Department: Procurement & Materials Management	LINE ITEM ANALYSIS						
		2023	2024				2025	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 5,300,834	\$ 6,095,800	\$ 6,095,800	\$ 3,713,062	\$ 5,131,000	\$ 6,088,000	\$ —
601060	Compensation Plan Adjustments	31,955	207,400	207,400	73,892	158,100	152,700	—
601070	Social Security and Medicare Contributions	74,252	94,600	94,600	55,680	80,500	91,800	—
601100	Tuition and Training Payments	6,560	4,000	4,000	3,928	4,000	8,100	—
100	TOTAL PERSONAL SERVICES	5,413,601	6,401,800	6,401,800	3,846,562	5,373,600	6,340,600	—
612010	Travel	—	1,600	1,600	—	1,400	1,200	—
612030	Meals and Lodging	—	1,600	1,600	—	1,400	1,000	—
612050	Compensation for Personally-Owned Automobiles	61	1,600	1,600	35	400	800	—
612080	Motor Vehicle Operating Services	75	100	100	—	100	200	—
612360	Advertising	94,666	131,900	131,900	122,701	95,500	129,100	—
612430	Payments for Professional Services	12,600	—	—	—	—	150,000	—
612490	Contractual Services, N.O.C.	—	700	700	—	600	—	—
612680	Repairs to Buildings	13,672	20,100	20,100	11,850	17,100	17,600	—
612800	Repairs to Office Furniture and Equipment	347	2,000	2,000	2,000	600	1,600	—
612820	Computer Software Maintenance	60,914	136,800	136,800	55,413	73,800	180,800	—
612840	Communications Equipment Maintenance (Includes Software)	—	400	400	—	—	400	—
612860	Repairs to Vehicle Equipment	4,948	12,000	12,000	11,912	15,000	15,000	—
200	TOTAL CONTRACTUAL SERVICES	187,282	308,800	308,800	203,911	205,900	497,700	—
623030	Metals	245,285	235,000	185,000	144,348	220,000	231,000	—
623070	Electrical Parts and Supplies	428,283	540,600	525,600	446,410	490,000	550,600	—
623090	Plumbing Accessories and Supplies	658,903	650,200	635,200	592,093	650,000	650,000	—
623110	Hardware	101,612	91,000	101,000	97,735	100,100	102,100	—
623130	Buildings, Grounds, Paving Materials, and Supplies	226,918	230,100	230,100	209,495	230,000	234,000	—
623170	Fiber, Paper, and Insulation Materials	64,707	60,000	70,000	60,984	60,000	73,800	—
623190	Paints, Solvents, and Related Materials	36,811	42,000	42,000	31,168	35,000	37,200	—
623250	Vehicle Parts and Supplies	28,495	30,300	30,300	23,024	30,000	31,200	—
623270	Mechanical Repair Parts	231,792	249,300	249,300	236,539	261,600	275,000	—
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	5,547	26,000	26,000	15,273	22,200	9,400	—

101 20000	Fund: Corporate Department: Procurement & Materials Management	LINE ITEM ANALYSIS						
		2023	2024			2025		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	757,924	744,400	744,400	620,548	741,300	828,200	—
623660	Cleaning Supplies	326,829	305,000	350,000	347,426	330,000	334,500	—
623680	Tools and Supplies	111,149	133,000	148,000	138,767	158,000	111,200	—
623700	Wearing Apparel	211,309	240,000	204,000	174,696	235,000	211,200	—
623780	Safety and Medical Supplies	65,295	70,800	84,800	84,660	80,800	84,800	—
623810	Computer Supplies	21,423	25,500	19,500	13,534	15,500	16,000	—
623820	Fuel	265,928	362,200	362,200	238,903	325,000	350,000	—
623840	Gases	104,596	136,000	172,000	144,755	175,000	120,400	—
623850	Communications Supplies	13,561	15,200	15,200	13,854	20,200	21,000	—
623860	Lubricants	353,387	348,200	348,200	320,427	363,200	388,200	—
623990	Materials and Supplies, N.O.C.	5,551	37,000	29,000	28,866	32,000	32,000	—
300	TOTAL MATERIALS AND SUPPLIES	4,265,304	4,571,800	4,571,800	3,983,505	4,574,900	4,691,800	—
634760	Material Handling and Farming Equipment	—	99,000	99,000	98,600	98,700	—	—
400	TOTAL MACHINERY AND EQUIPMENT	—	99,000	99,000	98,600	98,700	—	—
<b>TOTAL PROCUREMENT &amp; MATERIALS MANAGEMENT</b>		<b>\$ 9,866,187</b>	<b>\$ 11,381,400</b>	<b>\$ 11,381,400</b>	<b>\$ 8,132,578</b>	<b>\$ 10,253,100</b>	<b>\$ 11,530,100</b>	<b>\$ —</b>

NOTES: 1. Amounts may not add up due to rounding.  
 2. Departmental appropriation totals for salaries in the Line Item Analysis may differ from those contained in the Position Analysis by a factor identified to adjust for vacancies.  
 Additionally, Estimated Expenditure may either exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.

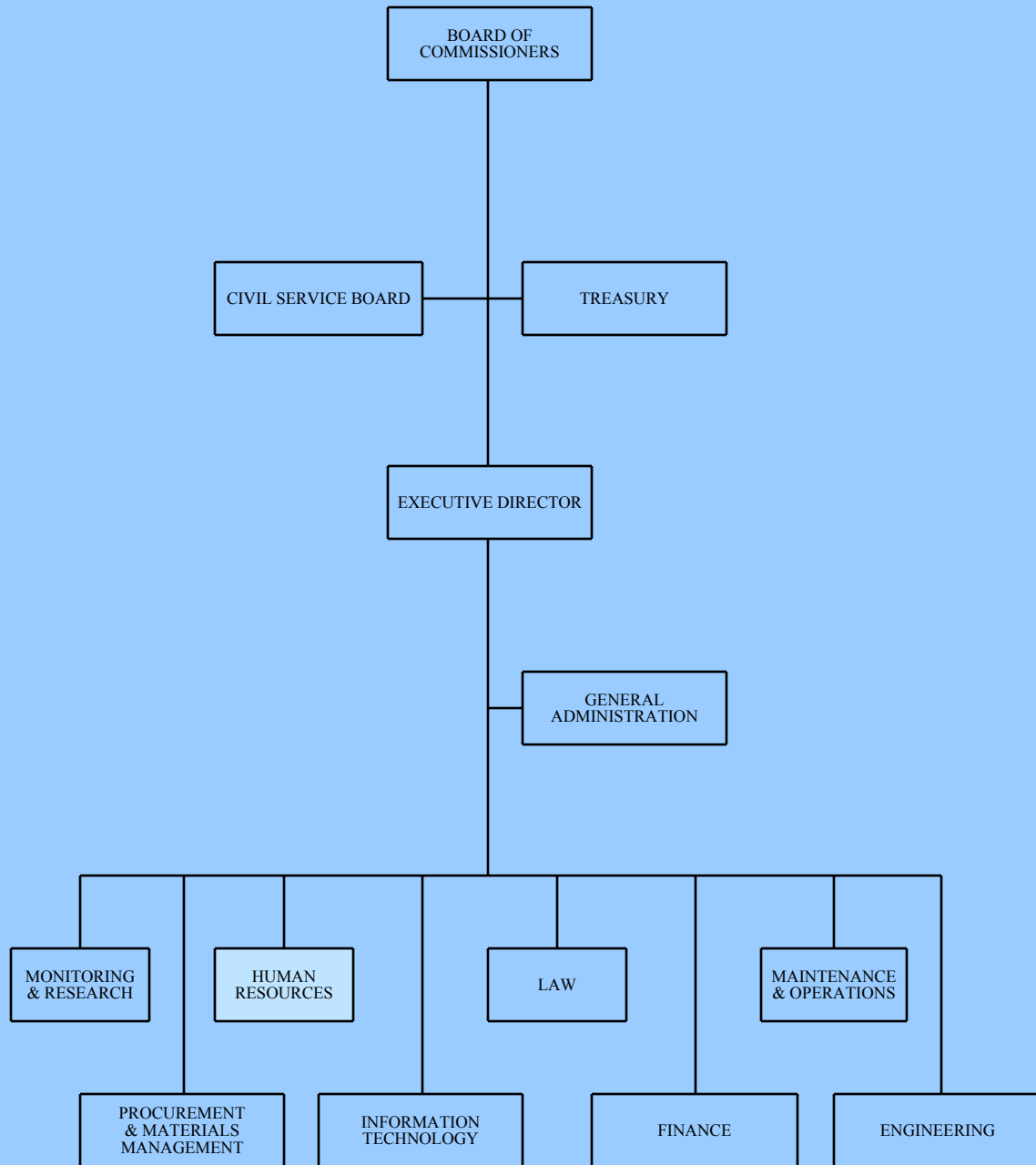
Fund: Corporate Dept: Procurement & Materials Management		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>211</b>	<b>Executive Section</b>					
EX08	Director of Procurement & Materials Management	1	1		1	
HP20	Assistant Director of Procurement & Materials Management	1	1		1	
EX06	Secretary to Officer	2	2		2	
TOTAL 211	Executive Section	4	4	715,546	4	736,955
<b>215</b>	<b>General &amp; Inventory Control Division</b>					
<b>217</b>	<b>Inventory Control Section</b>					
HP17	Supervising Stores Specialist #2 (New Grade HP16)	1	1		—	
HP16	Supervising Stores Specialist	—	—		1	
HP15	Senior Stores Specialist #2 (New Grade HP14)	1	—		—	
HP12	Stores Specialist	4	3		3	
TOTAL 217	Inventory Control Section	6	4	434,450	4	386,352
TOTAL 215	General & Inventory Control Division	6	4	434,450	4	386,352
<b>220</b>	<b>Acquisition Division</b>					
<b>221</b>	<b>Administrative Section</b>					
HP14	Budget & Management Analyst	1	1		1	
HP13	Senior Administrative Specialist	1	1		1	
HP11	Administrative Specialist	3	3		3	
TOTAL 221	Administrative Section	5	5	415,996	5	404,167
<b>222</b>	<b>Buying Section</b>					
HP18	Procurement Manager	1	1		1	
HP17	Supervising Buyer	—	2		2	
HP16	Senior Buyer	6	6		6	
HP14	Buyer	5	4		4	
TOTAL 222	Buying Section	12	13	1,570,327	13	1,599,341
<b>224</b>	<b>Clerical Section</b>					
HP11	Administrative Specialist	2	2		2	

Fund: Corporate Dept: Procurement & Materials Management		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
HP09	Administrative Clerk	1	1		1	
TOTAL 224	Clerical Section	3	3	231,569	3	226,608
TOTAL 220	Acquisition Division	20	21	2,217,892	21	2,230,116
<b>225</b>	<b>Stores &amp; Inventory Division</b>					
<b>226</b>	<b>Administrative Section</b>					
HP19	Stores & Inventory Manager #2 (New Grade HP18)	1	1		1	
HP15	Senior Stores Specialist #2 (New Grade HP14)	—	1		—	
HP14	Senior Stores Specialist	—	—		1	
TOTAL 226	Administrative Section	1	2	334,610	2	297,967
<b>230</b>	<b>Stores Section</b>					
<b>231</b>	<b>Stores Administrative Unit</b>					
HP17	Supervising Stores Specialist #2 (New Grade HP16)	1	1		1	
TOTAL 231	Stores Administrative Unit	1	1	158,752	1	165,363
<b>232</b>	<b>Stickney Storeroom Unit</b>					
HP09	Administrative Clerk	2	—		—	
HP14	Budget & Management Analyst	—	1		1	
NR1857	Principal Storekeeper	2	2		2	
NR1853	Storekeeper	8	8		8	
NR8651	Maintenance Laborer Class A	1	1		1	
NR1835	Materials Handler Laborer #1	1	1		1	
TOTAL 232	Stickney Storeroom Unit	14	13	1,245,110	13	1,239,420
<b>233</b>	<b>Calumet Storeroom Unit</b>					
NR1857	Principal Storekeeper	1	1		1	
NR1853	Storekeeper	2	2		2	
NR8651	Maintenance Laborer Class A	1	1		1	
TOTAL 233	Calumet Storeroom Unit	4	4	386,381	4	386,381

Fund: Corporate Dept: Procurement & Materials Management		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>234</b>	<b>O'Brien Storeroom Unit</b>					
NR1857	Principal Storekeeper	1	1		1	
NR1853	Storekeeper	1	1		1	
NR8651	Maintenance Laborer Class A	1	1		1	
TOTAL 234	O'Brien Storeroom Unit	3	3	290,222	3	290,222
<b>235</b>	<b>Egan Storeroom Unit</b>					
NR1857	Principal Storekeeper	1	1		1	
NR1853	Storekeeper	2	2		2	
NR8651	Maintenance Laborer Class A	1	1		1	
TOTAL 235	Egan Storeroom Unit	4	4	386,381	4	386,381
TOTAL 230	Stores Section	26	25	2,466,846	25	2,467,768
TOTAL 225	Stores & Inventory Division	27	27	2,801,456	27	2,765,735
TOTAL	Procurement & Materials Management	57	56	6,169,344	56	6,119,159

NOTE: Departmental appropriation totals for salaries in the Position Analysis differ from those contained in the Line Item Analysis by a factor identified to adjust for vacancies. Salary ranges corresponding to the pay plan and grade for each class title can be found in the table of Salary Schedules in the Appendix. Dollar amounts may not add up due to rounding.

**NOTE PAGE**





**Metropolitan Water Reclamation District of Greater Chicago**

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

312.751.5600

September 10, 2024

Mr. Brian A. Perkovich  
Executive Director  
OFFICE

Dear Sir:

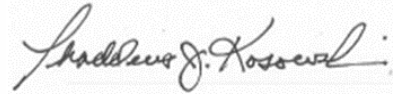
Subject: 2025 Program for the Human Resources Department

The Human Resources Department's program for 2025, as prepared in detail, is transmitted herewith. The budget presentation supports the request for funding of 2025 initiatives in alignment with and in support of the Strategic Plan. The budget requests include all amendments as directed by you during the Executive Director Budget Hearings in August of this year.

The narrative provides a summary of the department, 2025 major initiatives and challenges, and 2024 accomplishments. Supporting schedules of objectives, performance, and staffing levels present three years of detailed budgetary information.

Thank you for the opportunity to present the proposed Human Resources Department budget for 2025.

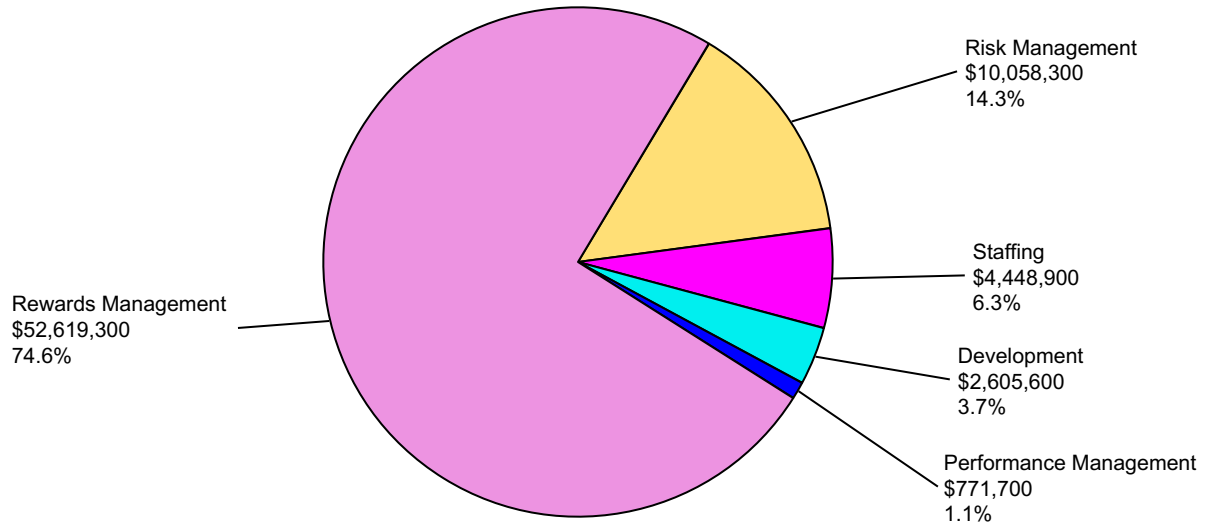
Respectfully submitted,



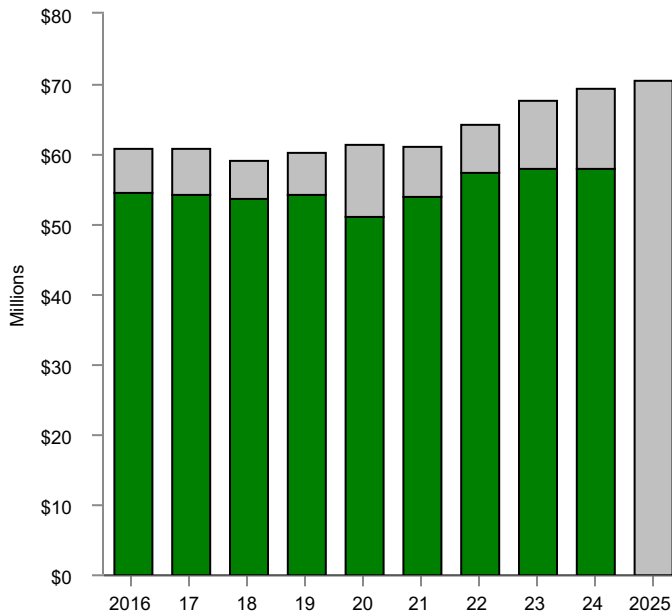
Thaddeus J. Kosowski  
Director of Human Resources

# HUMAN RESOURCES PROGRAMS

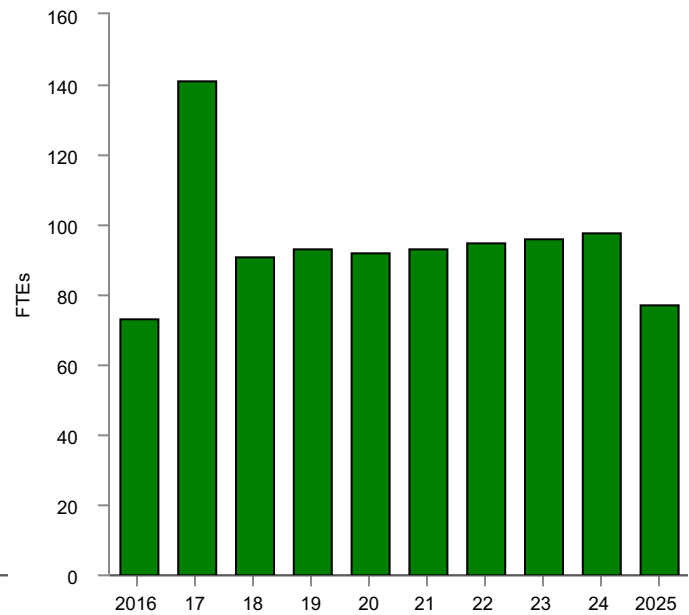
2025	\$70,503,800
2024	\$69,471,200
Increase	\$1,032,600



## APPROPRIATIONS & EXPENDITURES



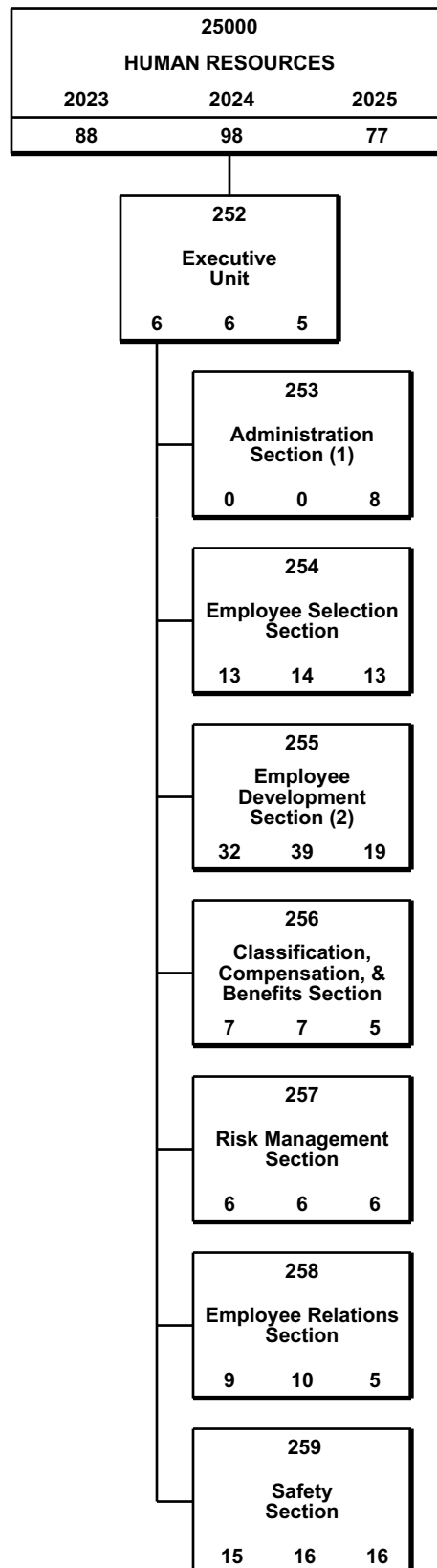
## BUDGETED FTE POSITIONS



2024 Expenditures are estimated	
<span style="color: green;">■</span> EXPENDITURES	<span style="color: grey;">■</span> APPROPRIATIONS

**2017** - Increase is due to the expansion of the apprenticeship program.  
**2018** - Decrease is due to changes in the apprenticeship program.  
**2025** - Following a re-evaluation, 20 full-time equivalent Intern positions were transferred to Commitment Item 601300, Personal Services, where these expenditures occur.

# HUMAN RESOURCES



(1) Effective 01/01/25, Section 253, Administration Section, was added.

(2) In 2025, following a re-evaluation, 20 full-time equivalent Intern positions were transferred to Commitment Item 601300, Personal Services, where these expenditures occur.

## HUMAN RESOURCES

**The mission of the Human Resources Department is to provide effective human resources management by developing and implementing policies, programs, and services that align with the stated organizational mission goals. Through strategic partnerships, the Human Resources Department develops and delivers innovative, efficient, and cost-effective programs and services that are aligned with the District's core business strategies.**

### Departmental Summary

**The Human Resources Department's primary responsibilities include:**

- Staffing: ensure that the District plans for recruiting, hiring, and retaining the diverse talent needed to support the District's mission;
- Employee Development: guide employees in acquiring and maintaining the skills and competencies needed to successfully perform their current and future roles and support the goals of the organization;
- Performance Management: assist managers and employees in maximizing employee performance through the use of performance assessment tools, coaching and counseling as well as providing continuous feedback on performance;
- Rewards Management: develop and implement appropriate incentives to aid in recruiting and retaining the highest quality staff;
- Risk Management: develop and administer a comprehensive risk management program that protects the assets of the District;
- Safety: with the support of management and the participation of all employees, identify and provide effective controls of occupational hazards and conduct or provide access to relevant training to ensure a safe and healthy work environment for all employees.

### Summary of 2024 Major Accomplishments

- Continued a combined format of digital and in-person group safety training to facilitate efficient training delivery, District-wide;
- The District's Return-to-Work Program continued to reduce both frequency and severity of employee injuries, with the average bi-weekly lost time payroll in 2024, 50 percent lower than at the inception of the Program in 2013;
- Employees received training in the District's emergency notification and response procedures;
- Employees received mandatory refresher compliance trainings for diversity, inclusion, and harassment prevention and the District's Ethics Ordinance;
- Employees received individualized coaching and public speaking and presentation skills training;
- Developed and delivered a customized, in-house customer service training for the Monitoring & Research Department;
- Developed and delivered new mandatory training for supervisors on appropriate sick leave and FMLA utilization;
- The first class of participants in the Operating Engineer Trainee Program launched in 2019 completed the program. Two program participants were appointed to full-time Operating Engineer I positions in 2024;
- Reintroduced the Machinist Apprenticeship program, which includes on-the-job training to prepare apprentices to qualify to become a Machinist. The program provides the District with opportunities to increase female and minority representation in this classification;
- Implemented Microsoft Teams as the platform to present virtual training events;
- Negotiated seven successor collective bargaining agreements with the unions that represent District employees;
- Conducted a compensation and benefits study of all non-represented job classifications to evaluate the competitiveness of the District compensation plan;
- Continued to expand the services offered at the Employee Health and Wellness Center at the Stickney Water Reclamation Plant to include audiometric testing and telehealth appointments.

### 2025 Appropriation and Position Summary

The 2025 appropriation for the Human Resources Department is \$70,503,800, an increase of \$1,032,600, or 1.5 percent, from 2024. The staffing level has decreased from 98 to 77 positions. The net decrease is due to the addition of one position and the drop of 22 full-time equivalent positions, including Intern positions. In 2025, following a re-evaluation, the 20 full-time equivalent Intern positions were transferred to Commitment Item 601300, Personal Services, where these expenditures occur. The number of employees budgeted in the Human Resources Department includes 13 Apprentices and three Civil Service Board members.

### 2025 Budget Highlights

The following budget highlights support the District's Strategic Plan Goal of Workforce Excellence. The District is committed to investing in its future by investing in its employees. The initiatives highlighted below will allow the District to continue to recruit, develop, and retain best-in-class employees as the foundation of the organization's ongoing success.

**Continue to develop targeted recruitment, mentoring, and professional development programs to increase diverse representation in key job categories**

- Continue Recruitment Strategy Committee Meetings in collaboration with the operating departments to solicit feedback and develop and implement ideas for targeted recruitment activities to attract quality candidates for difficult to fill job classifications and to reach a more diverse candidate pool;
- As of January 1, 2023, the District began using the revised external labor rates for females and minorities, based on Department of Labor Equal Employment Opportunity tabulations from the 2014-2018 American Community Survey 5-year Equal Employment Opportunity Estimates for Cook County, Illinois, State/Local Government. Previously, external labor availability was based on published data from the 2010 census. The District’s minority workforce representation, as of December 31, 2023, was 44 percent. The District’s female workforce representation, as of December 31, 2023, was 26 percent, when adjusted for District-specific occupations.

Percentage of District Employees Who Are Minorities or Females							2010 Census External Availability	2014-2018 Census External Availability
	2020 Actual	2021 Actual	2022 Actual	2023 Actual	2024 Estimated	2025 Projected		
Minorities	44%	44%	44%	44%	44%	45%	36%	50%
Females	26%	26%	26%	26%	27%	27%	41%	39%

It is important to note that a majority of the District’s job categories include classifications that are nontraditional for women. Nontraditional occupations, as defined by the United States Department of Labor, are those occupations wherein 25 percent or fewer women have the requisite skills or work in that occupation. Consequently, the external female labor force rates are adjusted for District-specific occupations. They include only job classifications found at the District and exclude occupations such as teachers, registered nurses, and social workers.

The Human Resources Department coordinates the District-wide recruitment program and collaborates with staff from the Environmental Justice, Diversity, & Contract Compliance Section to provide outreach to environmental justice communities. Ongoing advertising in print and electronic media assists the District in attracting a diverse and qualified applicant pool for current and future examinations. In 2025, the District will continue to target its recruitment efforts to increase minority and female representation in specific job categories in which they are underrepresented. The District will continue to work with our union partners in attracting a diverse candidate pool in our apprentice programs and look for opportunities to expand these programs with other skilled trade crafts. A large part of the public image of the District is dependent on employee behaviors and interactions with the public. To assist employees in representing the District well, various training programs will continue.

**Foster a culture that recognizes the value of every employee**

- The Safety Section will conduct regular field compliance audits of specific safety programs including lock-out tag-out and hot work with an established review target. This will aid in ensuring effective District safety programs through ongoing compliance audits by safety staff and correction of any noted deficiencies;
- The District will be developing an internal communication strategy to improve employee engagement and to ensure that employees understand the vital role they play in the overall mission of the organization.

**Provide ongoing training to supervisory staff regarding coaching and giving feedback**

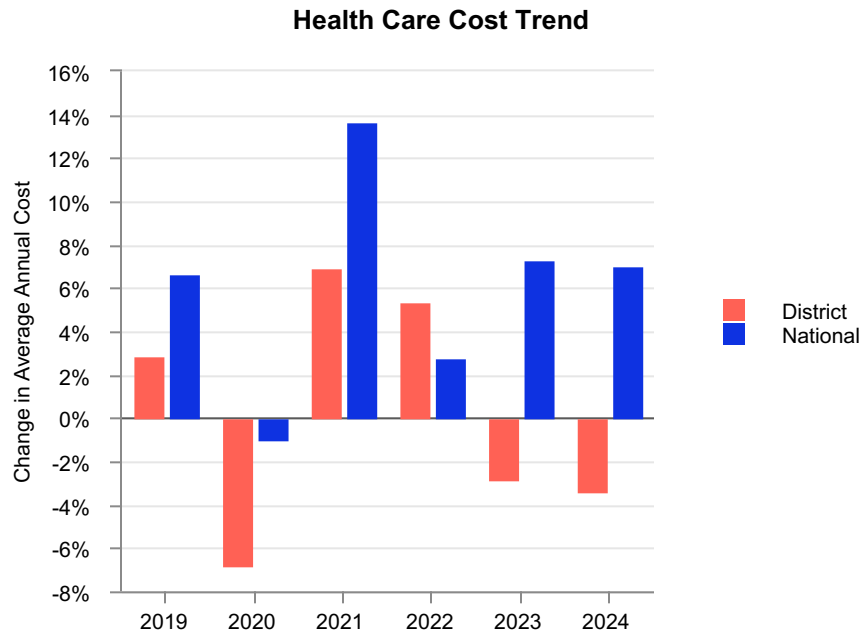
- Supervisors and managers will receive leadership training for various levels of management over the course of three years starting in 2025 to build upon the coaching training, performance management, and custom online supervisory training.

The following budget highlights support the District's Strategic Plan Goal of Enterprise Resilience by seeking to strengthen the District’s financial position.

**Maintain strong fiscal management, identify and leverage opportunities for cost reduction and cost recovery**

- The Safety Section will conduct routine audits of safety programs such as hot work jobs and lock-out tag-out procedures; general building, area and equipment specific inspections; and documented observations of compliance with safety rules and procedures. This will reduce the potential for injuries and property damage. Tablet devices have been procured and placed into service. Software solutions are being evaluated to further enhance efficiencies;
- The District health plan continues to serve as a centerpiece for its compensation strategy. It represents the largest personnel-related expenditure outside of salaries and pension benefits. The District continues to implement and promote programs to control these costs while maintaining a high-quality, cost-effective suite of health benefits. Some of the programs include communications campaigns; digital health platforms in areas such as diabetes management, obesity and weight management, hypertension, and chronic back and joint pain; quarterly lunch-n-learn seminars on various mental health topics; and on-site events such as free biometric screenings and free flu shots. In addition, the District continues to promote the comprehensive Employee Assistance Program available to all employees at no charge which provides mental

health and work-life balance services. These strategies have helped the District maintain a stable health care trend below the national average. From 2020 through 2024, the national trend for health care costs has been an average annual increase of 5.98 percent. The District’s average annual health care trend over this same period of time has been -0.14 percent, significantly below the national average. This trend has allowed the District to maintain a strong financial position while continuing to offer a robust health care package to help recruit and retain top talent.



- The District will continue to leverage the Labor Management Committee on Health Care to further its health care strategy. The semiannual meetings with union leadership provide a platform to discuss health care utilization, cost trends, and cost containment strategies and encourage open communication between the District and the unions on important health care issues. The goal is to develop strategies to contain future health care costs, while continuing to provide affordable health care benefits to employees.

**25000 HUMAN RESOURCES**

**OBJECTIVES AND PROGRAM SUMMARY**

OBJECTIVES BY PRIORITY:	Cost	Percent
1. Review employment applications, and develop and administer 50 examinations to meet Civil Service requirements and current operational needs. Oversee the certification process to fill positions. Develop and maintain a targeted advertising program necessary to establish recruitment resources, administer college and campus recruitment activities, and administer diversity outreach activities.	\$ 1,993,000	2.8 %
2. Develop and administer a comprehensive risk management program, and provide a safe work environment for District employees through training, accident prevention initiatives, and workplace monitoring.	\$ 10,058,300	14.3 %
3. Maintain comparative wage and salary data, administer non-represented and management compensation systems, and recommend changes to the Civil Service Board and the Board of Commissioners in order to ensure internal pay equity and external competitiveness. Maintain a highly competitive employee benefits package, including health, life, and dental insurance, a vision plan, and a deferred compensation plan, as well as administer other related benefit programs, such as Employee Assistance Program services, a flexible spending account plan, and voluntary insurance products.	\$ 37,627,600	53.4 %
4. Administer seven collective bargaining agreements, covering 771 employees, and manage employee relations programs, which include investigation of employee complaints and performance rating reviews on behalf of the Director of Human Resources, and administer the unemployment compensation and performance management programs.	\$ 771,700	1.1 %
5. Provide health insurance benefits and administration for retirees and annuitants, which include Other Postemployment Benefits pre-funding for retiree health care expenses.	\$ 14,991,700	21.3 %
6. Implement the District's equal employment opportunity and affirmative action objectives through targeted recruitment, counseling, and complaint investigation.	\$ 656,200	0.9 %
7. Provide the necessary administrative support to the District and Human Resources Department sections by maintaining centralized files; overseeing the hiring, promotion, transfer, termination, return-to-work, or any other action affecting an employee's status; and managing computerized information to perform departmental functions with greater efficiency at a lower cost. Comply with state Civil Service statutes by arranging for hearing of complaints from employees or other persons, the hearing of charges against employees for discharge, and the ratification of amendments to the Personnel Rules and the compensation and classification plan.	\$ 1,799,700	2.5 %
8. Provide educational opportunities for employees through professional development, technical training, and tuition reimbursement.	\$ 2,605,600	3.7 %
<b>Totals</b>	<b>\$ 70,503,800</b>	<b>100.0 %</b>

**25000 HUMAN RESOURCES**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change		
Number	Name	Actual	FTEs	Dollars	Dollars	Percent	
7290	Examinations and Employment Activities	\$ 1,838,424	2025 12	\$ 1,993,000	\$ 22,000	1.1	
			2024 13	\$ 1,971,000			
7295	Equal Employment Opportunity Activities	\$ 416,427	2025 5	\$ 656,200	\$ 218,100	49.8	a)
			2024 3	\$ 438,100			
7310	Training and Development Activities	\$ 1,541,391	2025 19	\$ 2,605,600	\$ 247,600	10.5	b)
			2024 39	\$ 2,358,000			
7315	Retiree Benefits	\$ 8,595,580	2025 —	\$ 9,991,700	\$(1,876,700)	(15.8)	c)
			2024 —	\$ 11,868,400			
7316	Other Postemployment Benefits Trust Management and Report Preparation	\$ 5,000,000	2025 —	\$ 5,000,000	\$ —	—	
			2024 —	\$ 5,000,000			
7320	Employee Benefits	\$30,522,043	2025 3	\$37,469,400	\$ 1,090,200	3.0	d)
			2024 4	\$36,379,200			
7325	Labor and Employee Relations	\$ 881,381	2025 4	\$ 771,700	\$ (411,000)	(34.8)	e)
			2024 8	\$ 1,182,700			
7330	Human Resources Administration	\$ 1,247,956	2025 12	\$ 1,799,700	\$ 230,900	14.7	f)
			2024 9	\$ 1,568,800			
7480	Safety Program	\$ 1,980,385	2025 16	\$ 2,232,100	\$ (21,600)	(1.0)	
			2024 16	\$ 2,253,700			
7500	Risk Management Operations	\$ 5,772,260	2025 6	\$ 7,826,200	\$ 1,529,500	24.3	g)
			2024 6	\$ 6,296,700			
7604	Social Security and Medicare Contributions	\$ 118,900	2025 —	\$ 158,200	\$ 3,600	2.3	
			2024 —	\$ 154,600			
Totals		\$57,914,747	2025 77	\$70,503,800	\$ 1,032,600	1.5 %	
			2024 98	\$69,471,200			

- a) Increase is due to the reallocation of salaries to more accurately reflect current activities (\$223,700).
- b) Increase is due to the reallocation of salaries to more accurately reflect current activities (\$208,000). Additionally, the position count is down from 2024 as following a re-evaluation, 20 full-time equivalent Intern positions were transferred to Commitment Item 601300, Personal Services, where these expenditures occur.
- c) Decrease is due to a decline in the cost of retiree PPO medical insurance (\$1,743,800) and retiree HMO medical insurance (\$849,900), offset by a rise in the cost of the retiree Medicare Advantage plan (\$455,500) and the retiree pharmacy plan (\$270,300).
- d) Increase is due to a rise in the District's liability for the Health Reimbursement Account contribution (\$907,900) and the cost of employee PPO medical insurance (\$796,600), offset by a decrease in the cost of employee HMO medical insurance (\$610,900).
- e) Decrease is due to the reallocation of salaries to more accurately reflect current activities (\$350,000) and the drop of one FTE position (\$60,200).
- f) Increase is due to the reallocation of salaries to more accurately reflect current activities (\$332,000).
- g) Increase is due to increased estimates for the property (\$1,000,000) and casualty (\$500,000) insurance premiums.



**25000 HUMAN RESOURCES**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated	
7290	Examinations and Employment Activities					
		Candidates	2,003	1,800	1,800	
		Examinations	47	50	50	
		Applications	4,384	3,500	3,500	
		Requisitions	420	400	400	
		Cost	\$ 1,838,424	\$ 1,971,000	\$ 1,993,000	
7295	Equal Employment Opportunity Activities					
	Provide Counseling, Investigate Complaints and Implement Affirmative Action Plan Objectives	Actions	875	925	925	
		Cost	\$ 416,427	\$ 438,100	\$ 656,200	a)
		Cost/Action	\$ 475.92	\$ 473.62	\$ 709.41	a)
7310	Training and Development Activities					
	Training and Professional Development	Training Courses	8,569	8,000	8,000	
		eLearning Courses	15,761	6,000	6,000	
		Cost	\$ 873,801	\$ 937,200	\$ 1,111,900	b)
	Apprenticeship Program	Cost	\$ 204,080	\$ 750,100	\$ 741,400	
	Administer and Finance the Tuition Reimbursement Program for the Entire District	Participants	38	45	45	
		Cost	\$ 205,219	\$ 210,700	\$ 292,300	c)
		Cost/Participant	\$ 5,400.50	\$ 4,682.22	\$ 6,495.56	c)
	Internship Program	Cost	\$ 258,291	\$ 460,000	\$ 460,000	
7315	Retiree Benefits					
	Health Insurance - Corporate Fund Retirees	Retirees	1,952	2,000	1,950	
		Cost	\$ 5,987,914	\$ 8,304,800	\$ 6,157,800	d)
		Cost/Retiree	\$ 3,067.58	\$ 4,152.40	\$ 3,157.85	d)
	Prescription Drug Retirees	Participants	1,952	2,000	1,950	
		Cost	\$ 2,607,666	\$ 3,563,600	\$ 3,833,900	e)
		Cost/Participant	\$ 1,335.89	\$ 1,781.80	\$ 1,966.10	e)

- a) Increase is due to the reallocation of salaries to more accurately reflect current activities (\$223,700).
- b) Increase is due to the reallocation of salaries to more accurately reflect current activities (\$208,000). Additionally, the position count is down from 2024 as following a re-evaluation, 20 full-time equivalent Intern positions were transferred to Commitment Item 601300, Personal Services, where these expenditures occur.
- c) Increase is due to an increasing trend in employee tuition reimbursement requests in the past year (\$70,000).
- d) Decrease is due to a decline in the cost of retiree PPO medical insurance (\$1,743,800) and retiree HMO medical insurance (\$849,900), offset by a rise in the cost of the retiree Medicare Advantage plan (\$455,500).
- e) Increase is due a rise in the cost of the retiree pharmacy plan (\$270,300).

**25000 HUMAN RESOURCES**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023			2024			2025		
			Actual	Budgeted	Estimated	Actual	Budgeted	Estimated	Actual	Budgeted	Estimated
7316	Other Postemployment Benefits Trust Management and Report Preparation	Cost	\$ 5,000,000	\$ 5,000,000	\$ 5,000,000						
7320	Employee Benefits										
	Health Insurance - Corporate Fund Employees (includes vision care) <sup>1</sup>	Participants	1,563	1,600	1,612						
		Cost	\$ 23,421,222	\$ 28,290,400	\$ 29,455,000						f)
		Cost/Participant	\$ 14,984.79	\$ 17,681.50	\$ 18,272.33						
	Prescription Drugs - Corporate Fund Employees <sup>1</sup>	Participants	1,563	1,600	1,612						
		Cost	\$ 5,194,473	\$ 5,846,700	\$ 5,789,100						
		Cost/Participant	\$ 3,323.40	\$ 3,654.19	\$ 3,591.25						
	Dental Insurance - Corporate Fund Employees <sup>1</sup>	Participants	1,564	1,600	1,612						
		Cost	\$ 1,231,831	\$ 1,367,700	\$ 1,356,800						
		Cost/Participant	\$ 787.62	\$ 854.81	\$ 841.69						
	Life Insurance - Corporate Fund Employees <sup>1</sup>	Employees	1,642	1,675	1,706						
		Cost	\$ 111,711	\$ 114,000	\$ 118,400						
		Cost/Employee	\$ 68.03	\$ 68.06	\$ 69.40						
	Health Plan Administrative Services	Cost	\$ —	\$ 26,900	\$ 30,400						
	Deferred Compensation Administration	Cost	\$ 47,500	\$ 49,000	\$ 50,400						
	Other Benefits										
	Employee Assistance Program	Cost	\$ 33,158	\$ 38,000	\$ 38,000						
	Flexible Spending Accounts Program	Cost	\$ 79,506	\$ 92,000	\$ 94,000						
	Benefits Administration and Professional Development (formerly Compensation and Classification Activities)	Cost	\$ 402,642	\$ 554,500	\$ 537,300						
7325	Labor and Employee Relations										
	Labor and Employee Relations Activities	Employees Served	1,917	1,966	1,954						
		Cost	\$ 724,333	\$ 995,100	\$ 582,300						g)
	Compliance with Unemployment Compensation Requirements	Claims	9	15	15						
		Cost	\$ 73,508	\$ 100,000	\$ 100,000						
		Cost/Claim	\$ 8,167.56	\$ 6,666.67	\$ 6,666.67						
	Employee Performance Management	Cost	\$ 83,540	\$ 87,600	\$ 89,400						

f) Increase is due to a rise in the cost of the District's liability for the Health Reimbursement Account contribution (\$907,900) and the employee PPO medical insurance (\$796,600), offset by a decrease in the cost of employee HMO medical insurance (\$610,900).

g) Decrease is due to the reallocation of salaries to more accurately reflect current activities (\$350,000) and the drop of one FTE position (\$60,200).

**25000 HUMAN RESOURCES**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated	
7330	Human Resources Administration					
	Personnel Activity Administration	Employees Served	1,917	1,966	1,954	
		Cost	\$ 1,009,740	\$ 1,338,400	\$ 1,500,800	h)
		Cost/Employee	\$ 526.73	\$ 680.77	\$ 768.07	h)
	Pre-employment Activities	New Hires	132	150	160	
		Cost	\$ 56,186	\$ 63,800	\$ 98,500	i)
		Cost/New Hire	\$ 425.65	\$ 425.33	\$ 615.63	i)
	Civil Service Board Procedures					
	Hear and Render Decisions on Appeals from Employees, Ratify Amendments to the Personnel Rules, Hear and Render Decisions on Discharges	Actions	15	15	15	
		Cost	\$ 182,030	\$ 166,600	\$ 200,400	j)
		Cost/Action	\$ 12,135.33	\$ 11,106.67	\$ 13,360.00	j)
7480	Safety Program					
	Occupational Safety and Health Administration Compliance, Inspections, Reporting, and Accident Investigation, Contract Review for Compliance with Safety Standards, Safety Training, and Professional Development	Cost	\$ 1,534,436	\$ 1,778,000	\$ 1,752,400	
	Safety Training	# of Classes	1,723	1,350	1,600	k)
		# of Attendees	11,840	9,000	11,000	k)
	Safety Equipment Purchase, Rental, and Maintenance	Cost	\$ 320,745	\$ 290,400	\$ 306,900	
	Payment for External Services to Support Safety Activities	Cost	\$ 125,204	\$ 185,300	\$ 172,800	
7500	Risk Management Operations					
	Administration and Professional Development (formerly Administration)	Cost	\$ 729,606	\$ 717,000	\$ 769,000	
	Third Party Services	Cost	\$ 461,463	\$ 647,600	\$ 620,100	
	Insurance Premiums (such as property insurance)	Cost	\$ 4,581,191	\$ 4,932,100	\$ 6,437,100	l)
7604	Social Security and Medicare Contributions	Cost	\$ 118,900	\$ 154,600	\$ 158,200	
	Totals		\$ 57,914,747	\$ 69,471,200	\$ 70,503,800	
<p>h) Increase is due to the reallocation of salaries to more accurately reflect current activities (\$332,000), offset by the compensation and benefits study that occurred in 2024 and not budgeted in 2025 (\$160,000).</p> <p>i) Increase is due to an increase in pre-employment psychological evaluations (\$26,000) and pre-employment background checks (\$8,500).</p> <p>j) Increase is due to the redesign of work assignments within the Executive Unit to leverage staff expertise (\$33,800).</p> <p>k) Increase is due to more requests for training from other departments, staff became more efficient in scheduling and delivering training content, and an increase in staffing levels in the Safety Section resulted in more staff able to conduct training sessions.</p> <p>l) Increase is due to increased estimates for the property (\$1,000,000) and casualty (\$500,000) insurance premiums.</p>						

101 25000	Fund: Corporate Department: Human Resources	LINE ITEM ANALYSIS						
		2023	2024			2025		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 6,806,291	\$ 7,749,100	\$ 7,749,100	\$ 5,094,108	\$ 7,045,800	\$ 7,981,100	\$ —
601060	Compensation Plan Adjustments	148,835	328,500	328,500	98,452	131,200	312,600	—
601070	Social Security and Medicare Contributions	118,900	154,600	154,600	96,810	108,600	158,200	—
601090	Employee Claims	73,508	100,000	100,000	9,814	65,000	100,000	—
601100	Tuition and Training Payments	420,555	697,900	697,900	401,951	652,900	832,400	—
601250	Health and Life Insurance Premiums	43,477,851	52,404,100	52,404,100	31,607,280	41,768,900	51,581,700	—
601300	Personal Services, N.O.C. (Not Otherwise Classified)	258,291	460,000	460,000	246,735	381,000	460,000	—
100	TOTAL PERSONAL SERVICES	51,304,231	61,894,200	61,894,200	37,555,150	50,153,400	61,426,000	—
612010	Travel	2,249	6,900	6,900	1,682	6,400	6,700	—
612030	Meals and Lodging	10,255	17,000	17,000	3,618	15,200	15,700	—
612050	Compensation for Personally-Owned Automobiles	158	1,300	1,300	—	500	1,400	—
612080	Motor Vehicle Operating Services	40	100	100	54	100	100	—
612250	Court Reporting Services	8,060	16,000	16,000	16,000	14,500	16,000	—
612260	Medical Services	483,970	570,700	570,700	526,800	518,300	606,900	—
612280	Subscriptions and Membership Dues	—	—	—	—	—	200	—
612290	Insurance Premiums	4,803,791	5,154,700	5,154,700	366,516	5,704,600	6,659,700	—
612330	Rental Charges	6,019	19,500	19,500	2,940	10,800	16,500	—
612360	Advertising	4,979	10,000	10,000	4,022	10,000	10,000	—
612430	Payments for Professional Services	805,880	1,240,000	1,240,000	905,010	1,240,000	1,162,800	—
612490	Contractual Services, N.O.C.	21,836	73,200	73,200	48,384	47,700	61,700	—
612780	Safety Repairs and Services	124,478	164,100	164,100	145,451	127,000	164,100	—
200	TOTAL CONTRACTUAL SERVICES	6,271,715	7,273,500	7,273,500	2,020,477	7,695,100	8,721,800	—
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	25,967	26,100	27,100	21,627	22,300	62,100	—
623720	Books, Maps, and Charts	—	1,000	1,000	—	500	1,000	—
623780	Safety and Medical Supplies	258,069	264,400	263,400	187,682	245,500	280,900	—
623990	Materials and Supplies, N.O.C.	4,359	12,000	12,000	3,061	12,000	12,000	—
300	TOTAL MATERIALS AND SUPPLIES	288,395	303,500	303,500	212,370	280,300	356,000	—

101 25000		Fund: Corporate Department: Human Resources		LINE ITEM ANALYSIS				
		2023	2024			2025		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
634780	Safety and Medical Equipment	28,483	—	—	—	—	—	—
634860	Vehicle Equipment	21,923	—	—	—	—	—	—
400	TOTAL MACHINERY AND EQUIPMENT	50,406	—	—	—	—	—	—
TOTAL HUMAN RESOURCES		\$ 57,914,747	\$ 69,471,200	\$ 69,471,200	\$ 39,787,997	\$ 58,128,800	\$ 70,503,800	\$ —

NOTES: 1. Amounts may not add up due to rounding.  
 2. Departmental appropriation totals for salaries in the Line Item Analysis may differ from those contained in the Position Analysis by a factor identified to adjust for vacancies.  
 Additionally, Estimated Expenditure may either exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.

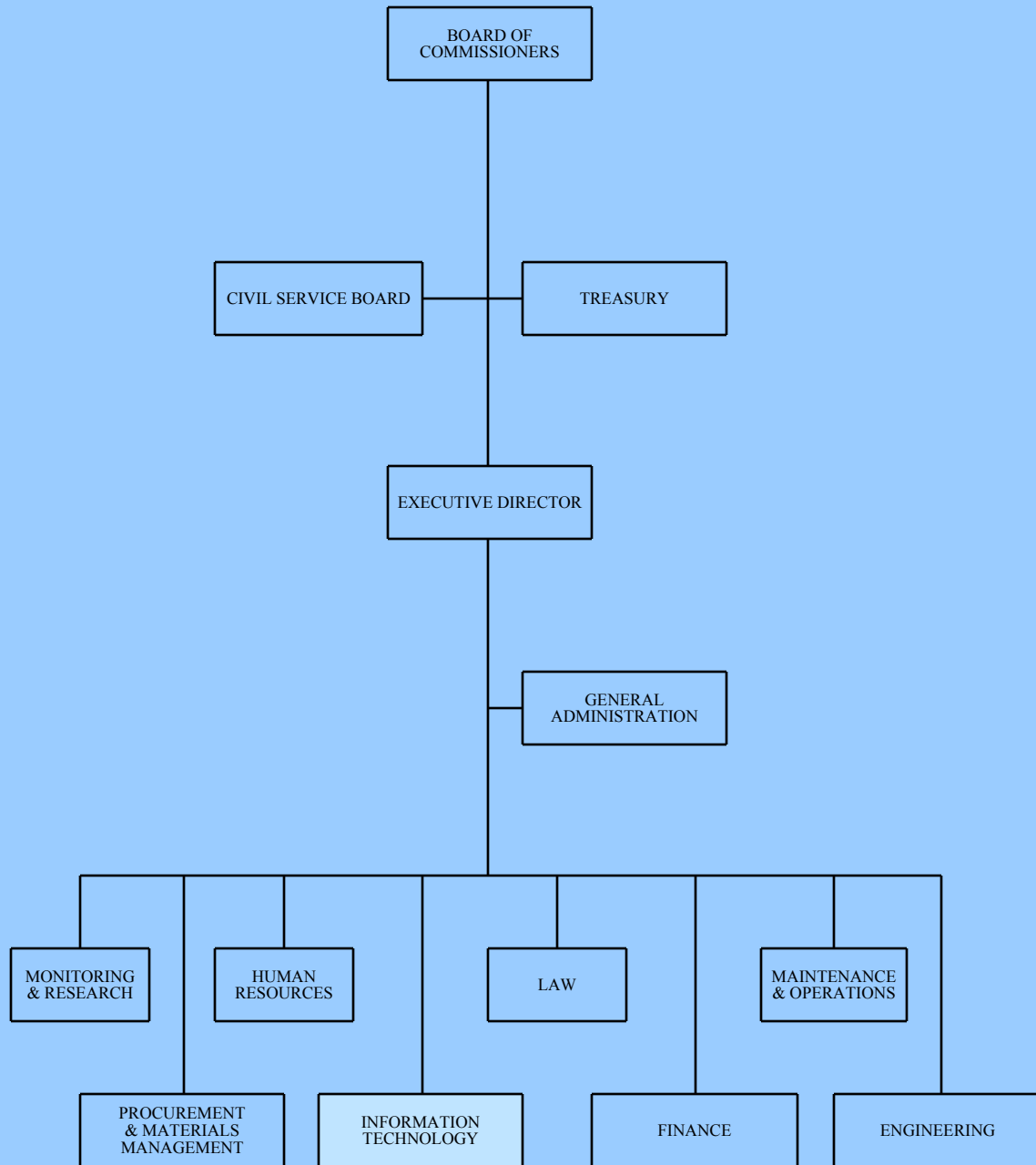
Fund: Corporate Dept: Human Resources		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>252</b>	<b>Executive Unit</b>					
EX10	Director of Human Resources	1	1		1	
HP20	Assistant Director of Human Resources	1	1		—	
EX06	Secretary to Officer	1	1		1	
EX16	Civil Service Board Chairman	1	1		1	
EX09	Civil Service Board Member	2	2		2	
TOTAL 252	Executive Unit	6	6	634,414	5	429,226
<b>253</b>	<b>Administration Section</b>					
HP19	Human Resources Manager #2 (New Grade HP18)	—	—		1	
HP17	Senior Human Resources Analyst #2 (New Grade HP16)	—	—		1	
HP16	Senior Human Resources Analyst	—	—		1	
HP14	Human Resources Analyst	—	—		2	
HP13	Senior Administrative Specialist	—	—		1	
HP11	Administrative Specialist	—	—		2	
TOTAL 253	Administration Section	—	—	—	8	999,957
<b>254</b>	<b>Employee Selection Section</b>					
HP18	Human Resources Manager	1	1		1	
HP16	Senior Human Resources Analyst	2	2		2	
HP14	Human Resources Analyst	6	7		7	
HP13	Senior Administrative Specialist	2	2		2	
HP11	Administrative Specialist	1	2		1	
HP11	Administrative Specialist #1	1	—		—	
TOTAL 254	Employee Selection Section	13	14	1,598,431	13	1,542,610
<b>255</b>	<b>Employee Development Section</b>					
HP19	Human Resources Manager #2 (New Grade HP18)	1	1		—	
HP18	Human Resources Manager	—	—		1	
HP16	Senior Human Resources Analyst	1	1		1	
HP14	Human Resources Analyst	2	2		2	
HP12	Human Resources Assistant #2 (Administrative Specialist) (New Grade HP11)	1	1		1	
HP11	Administrative Specialist	1	1		1	

Fund: Corporate Dept: Human Resources		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
TM01	Intern	20	20		—	
PR1025	Apprentice - Machinist Trainee	—	5		5	
NR1027	Apprentice - Operating Engineer Trainee	6	6		6	
TR1028	Apprentice	—	2		2	
TOTAL 255	Employee Development Section	32	39	1,946,830	19	1,340,975
<b>256</b>	<b>Classification, Compensation, &amp; Benefits Section</b>					
HP20	Assistant Director of Human Resources	—	—		1	
HP19	Human Resources Manager #2 (New Grade HP18)	1	—		—	
HP18	Human Resources Manager	—	1		—	
HP17	Senior Human Resources Analyst #2 (New Grade HP16)	2	1		1	
HP16	Senior Human Resources Analyst	—	1		1	
HP14	Human Resources Analyst	3	3		2	
HP13	Senior Administrative Specialist	1	1		—	
TOTAL 256	Classification, Compensation, & Benefits Section	7	7	828,009	5	744,254
<b>257</b>	<b>Risk Management Section</b>					
HP18	Risk Manager	1	1		1	
HP17	Claims Administrator #2 (New Grade HP16)	1	1		—	
HP16	Claims Administrator	—	—		1	
HP16	Emergency Planning Program Coordinator	1	1		1	
HP16	Senior Risk Analyst	1	1		1	
HP14	Budget & Management Analyst	1	1		—	
HP14	Risk Analyst	—	—		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 257	Risk Management Section	6	6	713,787	6	693,811
<b>258</b>	<b>Employee Relations Section</b>					
HP18	Human Resources Manager	1	1		1	
HP17	Senior Human Resources Analyst #2 (New Grade HP16)	—	1		—	
HP16	Senior Human Resources Analyst	3	2		1	
HP14	Human Resources Analyst	3	3		2	
HP13	Senior Administrative Specialist	—	1		1	
HP11	Administrative Specialist	2	1		—	

Fund: Corporate Dept: Human Resources		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
HP11	Administrative Specialist #1	—	1		—	
TOTAL 258	Employee Relations Section	9	10	1,182,713	5	620,294
<b>259</b>	<b>Safety Section</b>					
HP18	Safety Manager	1	1		1	
HP16	Senior Safety Specialist	3	4		4	
HP14	Safety Specialist	10	9		9	
HP14	Safety Specialist #1	—	1		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 259	Safety Section	15	16	1,713,492	16	1,731,427
TOTAL	Human Resources	88	98	8,617,676	77	8,102,554

NOTES: 1. In 2025, following a re-evaluation, 20 full-time equivalent Intern positions were transferred to Commitment Item 601300, Personal Services, where these expenditures occur.  
 2. Departmental appropriation totals for salaries in the Position Analysis differ from those contained in the Line Item Analysis by a factor identified to adjust for vacancies. Salary ranges corresponding to the pay plan and grade for each class title can be found in the table of Salary Schedules in the Appendix. Dollar amounts may not add up due to rounding.





**Metropolitan Water Reclamation District of Greater Chicago**

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

312.751.5600

September 10, 2024

Mr. Brian A. Perkovich  
Executive Director  
OFFICE

Dear Sir:

Subject: 2025 Program for the Information Technology Department

The Information Technology Department's program for 2025, as prepared in detail, is transmitted herewith. The budget presentation supports the request for funding of the department's 2025 initiatives in alignment with, and in support of the Strategic Plan. The budget requests include all amendments as directed by you during the Executive Director Budget Hearings in August of this year.

The narrative provides a summary of the department, 2025 major initiatives and challenges, and 2024 accomplishments. Supporting schedules of objectives, performance, and staffing levels present three years of detailed budgetary information.

Thank you for the opportunity to present the proposed Information Technology Department budget for 2025.

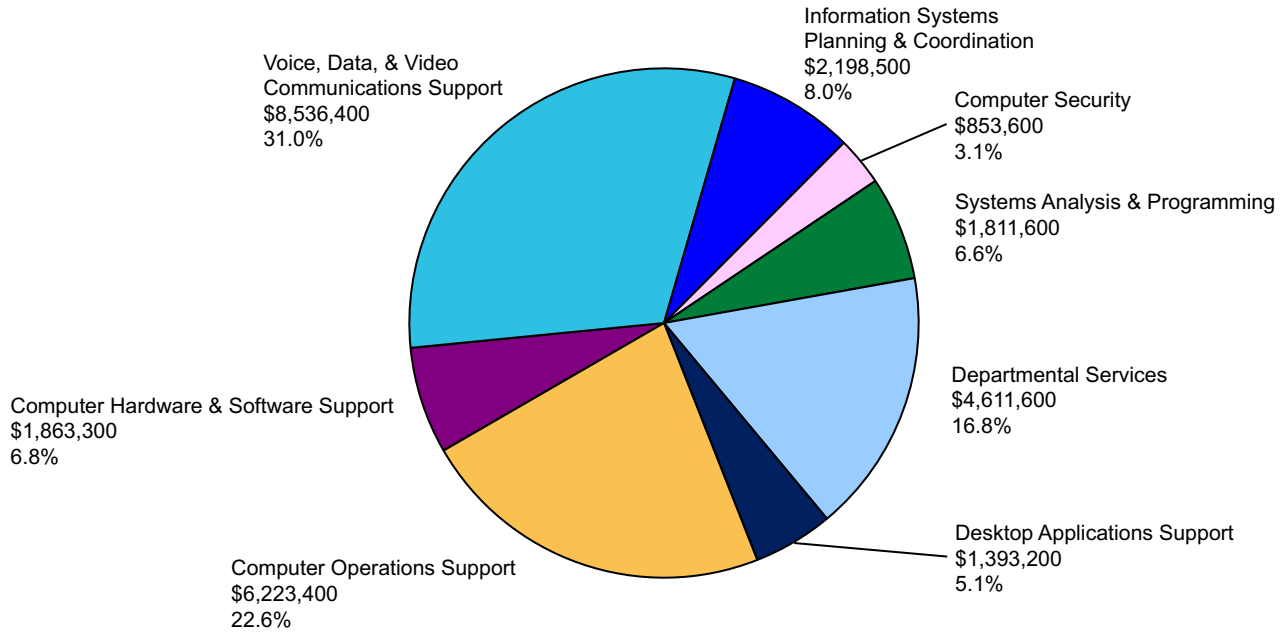
Respectfully submitted,



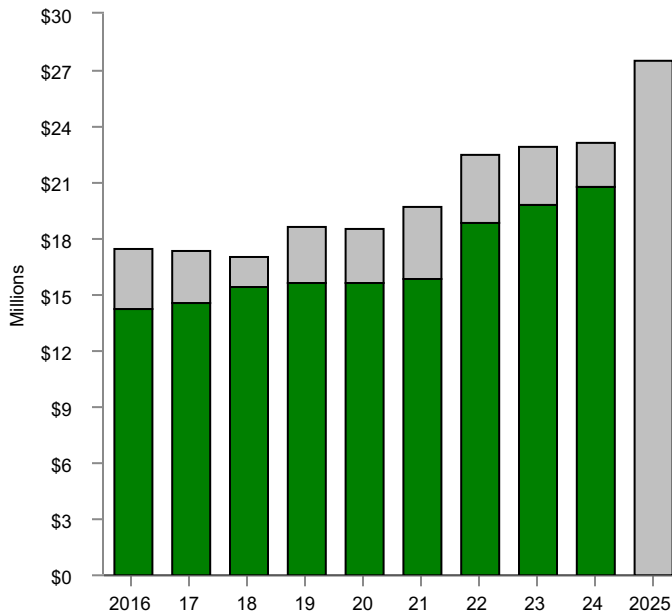
Sean T. Kelly  
Director of Information Technology

# INFORMATION TECHNOLOGY PROGRAMS

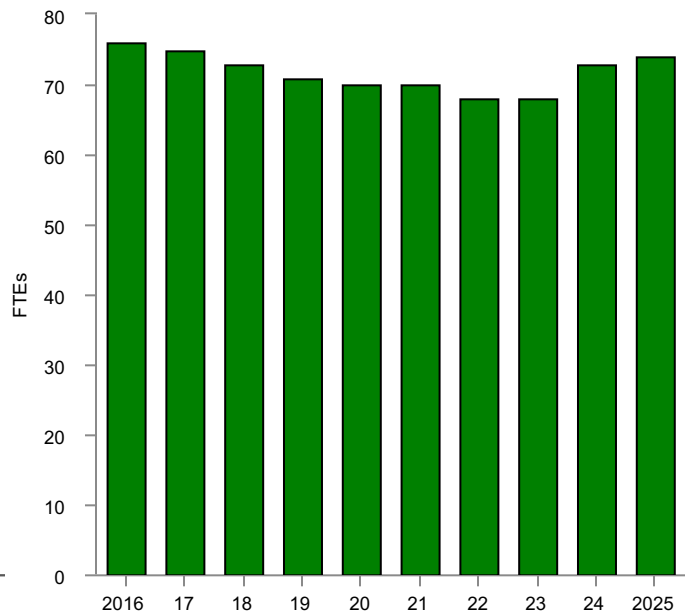
2025	\$27,491,600
2024	\$23,114,100
Increase	\$4,377,500



## APPROPRIATIONS & EXPENDITURES



## BUDGETED FTE POSITIONS



2024 Expenditures are estimated

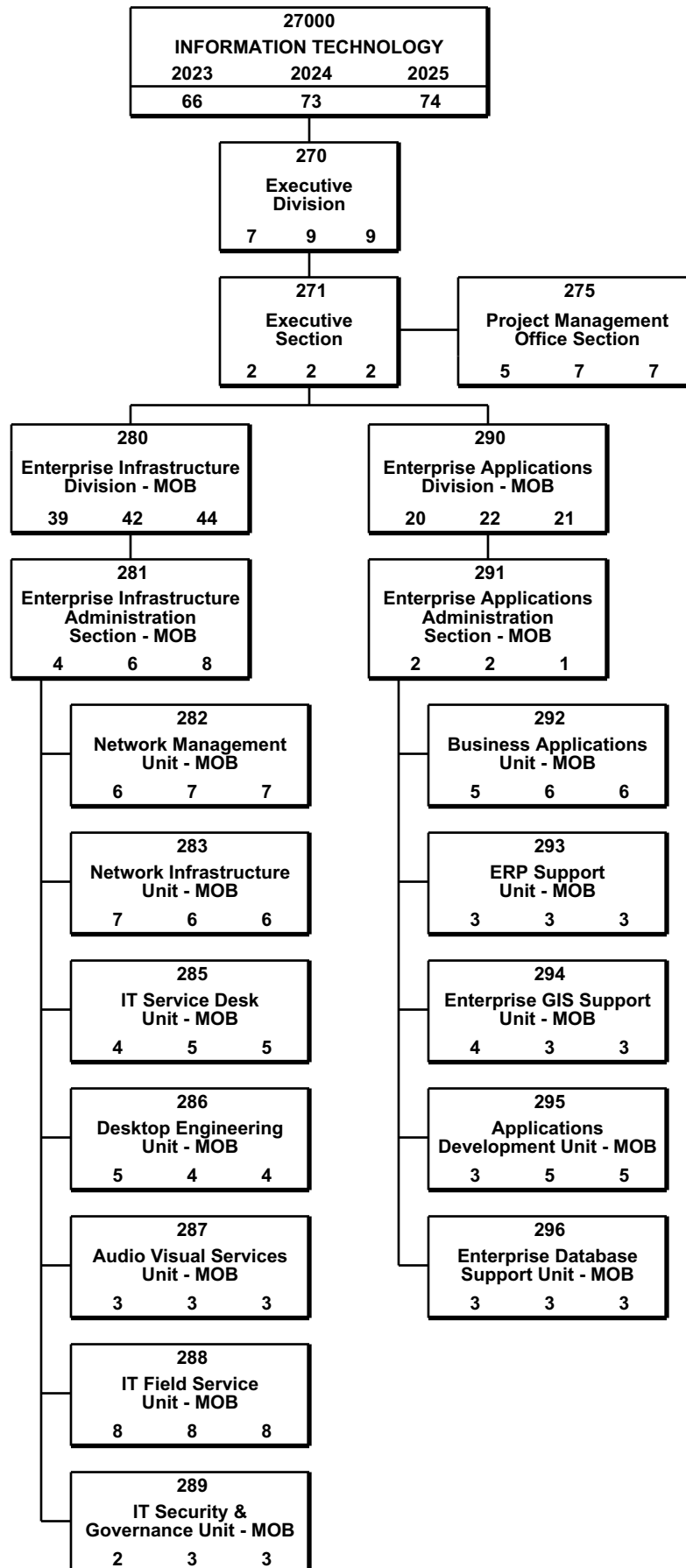
■ EXPENDITURES

■ APPROPRIATIONS

Year-over-year fluctuations are the result of organizational redesign.

**2019** - Increase is due to the reallocation of several projects from the Construction Fund to the Corporate Fund.  
**2022** - Increase is due to the replacement of the Storage Area Network system.  
**2025** - Increase is due to the expiration of the AT&T Telemetry contract potentially triggering tariff rates.

# INFORMATION TECHNOLOGY



## INFORMATION TECHNOLOGY

**The mission of the Information Technology Department (ITD) is to promote successful achievement of the District's Strategic Plan through targeted information technology (IT) investments and services and to maintain technology infrastructures and architectures at levels that promote efficacy, efficiency, and sustainable practices throughout the District.**

### Departmental Summary

In pursuit of its mission, the ITD coordinates the planning and implementation of IT throughout the District. The ITD establishes District-wide computer standards and provides services in the following key areas: IT planning and program management, design and implementation, applications development and support, infrastructure operations and maintenance, user support, security, and disaster recovery.

### Summary of 2024 Major Accomplishments

- Completed the upgrade of the new intranet web portal, which now serves as a hub for employee collaboration by providing access to a broader range of documents via Microsoft 365, interactive dashboards, and a redesigned intuitive interface;
- Initiated an assessment of the District's current Enterprise Resource Planning system and related processes to determine if it should be upgraded or replaced by a new solution to meet the District's future needs;
- Completed phase one of the integration of four next generation firewalls capable of automated threat response and vulnerability mitigation in order to boost the District's ability to deter the ever evolving threat of cyber intrusions;
- Enhanced the District's cybersecurity threat deterrence via several policy changes, including the introduction of stronger password complexity and Multi-Factor Authentication protocol options;
- Completed the upgrade of the underlying network hardware for the District's desk phone system in order to reduce telecommunications costs and to upgrade capabilities, including the installation of new routers at the Calumet Service Area;
- Established an internal "Information Technology Innovation Hub" that explores practical uses of emerging technologies that reduce cost and enhance process and workflow efficiencies;
- Completed the technical integrations for the following projects:
  - SAP data integration for the new Enterprise Budget system,
  - Database and system upgrades for the Readsoft Invoicing system,
  - The wired and wireless infrastructure requirements to launch the Police Body Camera project;
- Substantially completed the rollout of the Mobile-First device strategy, which has incorporated laptop deployments as the standard for staff computing devices. This initiative allows for enterprise flexibility and has been integrated into the District's ongoing hardware lifecycle plan.

### 2025 Appropriation and Position Summary

The 2025 appropriation for the ITD is \$27,491,600, an increase of \$4,377,500, or 18.9 percent, from 2024. The staffing level has increased from 73 to 74 positions.

### 2025 Budget Highlights

The following budget highlights support the District's Strategic Plan Goal of Enterprise Resilience. The District is committed to ensuring ongoing services that are reliable, equitable, and cost-effective. The initiatives highlighted below will prepare for disruptive manmade and natural events, and strengthen the District's operational positions.

#### **Assure agency resilience and readiness for effective response to emergencies that could put at risk the health and safety of employees, negatively affect operations, disrupt essential services, or put at risk the general public**

- The Monitoring and Research Department (M&R) currently utilizes an older version of the Thermo Fisher Sample Manager software and is planning an upgrade to a full Laboratory Information Management System environment in 2025.

#### **Support innovation and harness problem-solving capacity at all organizational levels**

- The ITD will launch an inaugural program for Digital Innovation Cohorts, designed to foster creativity and drive forward-thinking solutions within the department as well as the District. This initiative is aimed at harnessing the collective creativity and expertise to drive technological advancements within the District. The inaugural program will focus on the following areas:
  - Artificial Intelligence
  - Workflow Automation
  - Business Intelligence & Data Analytics
  - Digital Transformation
  - Technology Training / Lunch N' Learns

**Pursue process and system improvements**

- The ITD will begin the integration of information technology operations and project efforts to move the District from manual, paper-based processes to online and automated digitalized workflow processes. This Digital Transformation entails leveraging in-house tools and platforms as appropriate prior to exploring external solutions. The program will initially focus on smaller, yet impactful, workflow processes and incorporate larger digital initiatives in subsequent years as the foundation for the program is established. Some of the preliminary initiatives include:
  - Additional Digital Form and workflow improvement creation
  - Employee Onboarding/Offboarding
  - DocuSign as a standard for e-signature solution
  - Safety Online Application (Requirement Gathering)
- The transition to digital workflows in the M&R Department requires a robust wireless environment. The use of mobile devices has allowed employees to reduce the time spent between data collection, data analysis, and communication of the results. As such, a Wi-Fi survey of M&R work locations in the various WRPs will be conducted to determine the need for additional Wi-Fi access points and/or signal boosters to ensure full coverage in those areas. Ensuring connectivity to the network will create a work environment capable of meeting the needs of changing work structures.

The Information Technology Department will continue to evaluate additional consolidation of infrastructure and software technologies to streamline administration, which will reduce costs and optimize performance.

**27000 INFORMATION TECHNOLOGY**

**OBJECTIVES AND PROGRAM SUMMARY**

OBJECTIVES BY PRIORITY:	Cost	Percent
1. <b>COMPUTER HARDWARE AND SOFTWARE SUPPORT:</b> The Information Technology Department (ITD) provides maintenance and operations of all hardware, including SAP servers, storage area networks/ thin client central computer hardware, and software for nine major locations.	\$ 1,863,300	6.8 %
2. <b>VOICE, DATA, AND VIDEO COMMUNICATIONS SUPPORT:</b> The Enterprise Infrastructure Division maintains the District's wide area network as well as the Main Office Building Complex local area networks. Staff is responsible for planning, installing, and maintaining voice, data, and video communication systems for the entire District.	\$ 8,536,400	31.0 %
3. <b>INFORMATION SYSTEMS PLANNING AND COORDINATION:</b> Provides a strategic perspective used to align the ITD with the stated goals and objectives of the District and its departments. Staff is responsible for services such as strategic planning of technology and communications as well as disaster recovery planning.	\$ 2,198,500	8.0 %
4. <b>SYSTEMS ANALYSIS AND PROGRAMMING:</b> The Enterprise Applications Division is responsible for the system management of the Enterprise Financial System applications, which include ongoing database maintenance, system configuration, and enhancement using Advanced Business Application Programming techniques. Internet/intranet services will continue to expand to meet the District's needs.	\$ 1,811,600	6.6 %
5. <b>COMPUTER OPERATIONS SUPPORT:</b> The ITD operates one on-site computer room and one co-location data center which together house the District's systems, storage area networks, network servers, and ancillary equipment.	\$ 6,223,400	22.6 %
6. <b>DEPARTMENTAL SERVICES:</b> The ITD provides direct consulting, planning, and maintenance assistance to all departments as well as the administration of storage area networks/thin clients and necessary network components. Additional services include support of department-specific software such as the Laboratory Information Management System, Maintenance Management System, and the internet-based Publicly Owned Treatment Works Administration and Compliance System, along with Treasury Section and real estate applications.	\$ 4,611,600	16.8 %
7. <b>COMPUTER SECURITY:</b> The ITD ensures security of all District information systems, disaster recovery system, and data, by monitoring and enforcing compliance with software licensing agreements, District security directives, and the disaster recovery plan. Staff is also responsible for auditing workstations to verify compliance.	\$ 853,600	3.1 %
8. <b>DESKTOP APPLICATIONS SUPPORT:</b> The assigned staff will continue to provide applications and technical support to approximately 1,954 computer system users.	\$ 1,393,200	5.1 %
<b>Totals</b>	<b>\$ 27,491,600</b>	<b>100.0 %</b>

**27000 INFORMATION TECHNOLOGY**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change			
Number	Name	Actual	FTEs	Dollars	Dollars	Percent		
7381	Systems Analysis and Programming	\$ 1,540,722	2025	14	\$ 1,811,600	\$ 75,900	4.4	
			2024	13	\$ 1,735,700			
7382	Desktop Applications Support	\$ 1,231,362	2025	6	\$ 1,393,200	\$ 43,900	3.3	
			2024	6	\$ 1,349,300			
7383	Voice, Data, and Video Communications Support	\$ 4,501,528	2025	10	\$ 8,536,400	\$ 3,294,200	62.8	a)
			2024	10	\$ 5,242,200			
7384	Central Computer Hardware and Proprietary Software Support	\$ 1,742,727	2025	8	\$ 1,863,300	\$ 7,800	0.4	
			2024	7	\$ 1,855,500			
7385	Computer Operations, Maintenance, and Support	\$ 5,167,304	2025	8	\$ 6,223,400	\$ 742,000	13.5	b)
			2024	8	\$ 5,481,400			
7387	Computer Security	\$ 319,706	2025	5	\$ 853,600	\$ 159,100	22.9	c)
			2024	5	\$ 694,500			
7388	Information Systems Planning	\$ 895,588	2025	6	\$ 1,403,100	\$ 62,400	4.7	
			2024	7	\$ 1,340,700			
7389	Information Systems Coordination	\$ 520,442	2025	4	\$ 795,400	\$ (28,100)	(3.4)	
			2024	4	\$ 823,500			
7800	Information Technology Services	\$ 3,830,814	2025	13	\$ 4,467,900	\$ 11,600	0.3	
			2024	13	\$ 4,456,300			
7604	Social Security and Medicare Contributions	\$ 104,986	2025	—	\$ 143,700	\$ 8,700	6.4	
			2024	—	\$ 135,000			
Totals		\$19,855,179	2025	74	\$27,491,600	\$ 4,377,500	18.9 %	
			2024	73	\$23,114,100			

a) Increase is due to anticipated cost increase for AT&T Telemetry services (\$3,334,100) and an increased need for AT&T mobility services (\$115,000) and AT&T Broadband internet services (\$80,000), offset by the completion of the Avaya telephony upgrades at the Calumet Service Area (\$221,500).

b) Increase is due to the increased need for HPE 3PAR Storage Area Network system storage maintenance (\$350,000), Microsoft® license support (\$340,000), Avaya Private Branch Exchange and Intuity Audix Maintenance (\$103,500), Network & Operations consulting Services (\$100,000), and VMWare® software support (\$92,000), offset by the completion of the Cisco Next-Generation Firewall installation (\$135,000) and the reduced need for multifunction device and printer maintenance (\$124,600).

c) Increase is due to the reallocation of salaries to more accurately reflect current activities (\$366,300), offset by the reduced need for Application Development consulting (\$170,400) and Information Technology Security managed services (\$45,000).



**27000 INFORMATION TECHNOLOGY**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated	
7380	Information Technology and Telecommunications					
7381	Systems Analysis and Programming	Application Modules Supported	90	90	150	a)
		Cost	\$ 1,540,722	\$ 1,735,700	\$ 1,811,600	
		Cost/Module	\$ 17,119.13	\$ 19,285.56	\$ 12,077.33	
7382	Desktop Applications Support	# of Service Calls	7,814	7,099	8,200	b)
		Cost	\$ 1,231,362	\$ 1,349,300	\$ 1,393,200	
		Cost/Service Call	\$ 157.58	\$ 190.07	\$ 169.90	
7383	Voice, Data, and Video Communications Support	Cost	\$ 4,501,528	\$ 5,242,200	\$ 8,536,400	c)
7384	Central Computer Hardware and Proprietary Software Support	Cost	\$ 1,742,727	\$ 1,855,500	\$ 1,863,300	
7385	Computer Operations, Maintenance, and Support	Cost	\$ 5,167,304	\$ 5,481,400	\$ 6,223,400	d)
7387	Computer Security	Cost	\$ 319,706	\$ 694,500	\$ 853,600	e)
7388	Information Systems Planning	Cost	\$ 895,588	\$ 1,340,700	\$ 1,403,100	
7389	Information Systems Coordination	Cost	\$ 520,442	\$ 823,500	\$ 795,400	
7800	Information Technology Services	# of Users	1,917	1,966	1,954	
		Cost	\$ 3,830,814	\$ 4,456,300	\$ 4,467,900	
		Cost/User	\$ 1,998.34	\$ 2,266.68	\$ 2,286.54	
7604	Social Security and Medicare Contributions	Cost	\$ 104,986	\$ 135,000	\$ 143,700	
		Totals	\$ 19,855,179	\$ 23,114,100	\$ 27,491,600	

- a) Increase is due to the addition of multiple applications over the last several years to support the needs of the District's various departments as well as a reinventory of current systems supported.
- b) Increase is due to the more frequent need for support as additional applications have been added to the District's software portfolio in recent years.
- c) Increase is due to anticipated cost increase for AT&T Telemetry services (\$3,334,100) and an increased need for AT&T mobility services (\$115,000) and AT&T Broadband internet services (\$80,000), offset by the completion of the Avaya telephony upgrades at the Calumet Service Area (\$221,500).
- d) Increase is due to the increased need for HPE 3PAR Storage Area Network system storage maintenance (\$350,000), Microsoft® license support (\$340,000), Avaya Private Branch Exchange and Intuity Audix Maintenance (\$103,500), Network & Operations consulting Services
- e) Increase is due to the reallocation of salaries to more accurately reflect current activities (\$366,300), offset by the reduced need for

101 27000	Fund: Corporate Department: Information Technology	LINE ITEM ANALYSIS						
		2023	2024			2025		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 7,548,694	\$ 9,066,500	\$ 9,066,500	\$ 5,910,727	\$ 7,868,300	\$ 9,627,700	\$ —
601060	Compensation Plan Adjustments	107,554	279,400	279,400	41,413	46,000	247,900	—
601070	Social Security and Medicare Contributions	104,986	135,000	135,000	85,971	109,600	143,700	—
601100	Tuition and Training Payments	16,486	31,300	31,300	17,313	20,800	36,800	—
100	TOTAL PERSONAL SERVICES	7,777,720	9,512,200	9,512,200	6,055,424	8,044,700	10,056,100	—
612010	Travel	1,145	2,000	2,000	323	1,900	3,000	—
612030	Meals and Lodging	1,684	2,500	2,500	825	2,400	3,000	—
612040	Postage, Freight, and Delivery Charges	899	1,500	1,500	1,500	900	1,500	—
612050	Compensation for Personally- Owned Automobiles	794	700	700	345	600	700	—
612210	Communication Services	2,493,639	3,530,800	4,943,800	4,934,104	4,622,900	7,014,000	—
612330	Rental Charges	173,275	186,900	186,900	182,807	182,900	165,500	—
612430	Payments for Professional Services	1,041,081	1,110,500	1,110,500	978,703	703,000	1,210,000	—
612490	Contractual Services, N.O.C.	—	10,000	10,000	9,375	8,600	10,000	—
612810	Computer Equipment Maintenance	118,623	278,100	278,100	255,455	94,500	503,500	—
612820	Computer Software Maintenance	5,074,551	5,966,000	5,843,000	5,275,439	5,300,000	6,171,100	—
612840	Communications Equipment Maintenance (Includes Software)	798,134	890,500	890,500	789,487	817,000	1,000,700	—
200	TOTAL CONTRACTUAL SERVICES	9,703,825	11,979,500	13,269,500	12,428,363	11,734,700	16,083,000	—
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	424	4,500	4,500	1,500	4,400	10,300	—
623800	Computer Software	177,592	113,800	113,800	94,481	100,000	125,800	—
623810	Computer Supplies	815,561	807,600	507,600	433,806	500,000	971,400	—
623850	Communications Supplies	234,324	261,500	261,500	161,738	165,000	—	—
300	TOTAL MATERIALS AND SUPPLIES	1,227,901	1,187,400	887,400	691,525	769,400	1,107,500	—
634810	Computer Equipment	995,748	345,000	162,300	97,369	140,000	245,000	—
634820	Computer Software	35,045	—	—	—	—	—	—
634840	Communications Equipment (Includes Software)	114,940	90,000	132,700	132,623	132,700	—	—
400	TOTAL MACHINERY AND EQUIPMENT	1,145,733	435,000	295,000	229,992	272,700	245,000	—
TOTAL INFORMATION TECHNOLOGY		\$ 19,855,179	\$ 23,114,100	\$ 23,964,100	\$ 19,405,304	\$ 20,821,500	\$ 27,491,600	\$ —

NOTES: 1. Amounts may not add up due to rounding.  
 2. Departmental appropriation totals for salaries in the Line Item Analysis may differ from those contained in the Position Analysis by a factor identified to adjust for vacancies.  
 Additionally, Estimated Expenditure may either exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.

Fund: Corporate Dept: Information Technology		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>270</b>	<b>Executive Division</b>					
<b>271</b>	<b>Executive Section</b>					
EX17	Director of Information Technology	1	1		1	
EX06	Secretary to Officer	1	1		1	
TOTAL 271	Executive Section	2	2	397,781	2	397,781
<b>275</b>	<b>Project Management Office Section</b>					
HP19	Project Management Office Manager	1	1		1	
HP18	Senior Project Manager	1	1		1	
HP16	Applications Administrator #2 (Project Manager)	1	1		1	
HP16	Project Manager	1	2		2	
HP14	Business Analyst	1	2		2	
TOTAL 275	Project Management Office Section	5	7	893,988	7	889,646
TOTAL 270	Executive Division	7	9	1,291,769	9	1,287,427
<b>280</b>	<b>Enterprise Infrastructure Division - MOB</b>					
<b>281</b>	<b>Enterprise Infrastructure Administration Section - MOB</b>					
HP20	Assistant Director of Information Technology	1	2		2	
HP19	Information Technology Manager	2	3		3	
HP13	Senior Administrative Specialist	—	—		1	
HP11	Administrative Specialist	1	1		1	
HP11	Administrative Specialist #1	—	—		1	
TOTAL 281	Enterprise Infrastructure Administration Section - MOB	4	6	950,800	8	1,103,194
<b>282</b>	<b>Network Management Unit - MOB</b>					
HP18	Senior Systems Administrator	1	1		1	
HP17	Computer Systems Administrator #2 (Systems Administrator) (New Grade HP16)	3	2		2	
HP17	Senior Systems Programmer #2 (Systems Administrator) (New Grade HP16)	1	1		1	
HP16	Systems Administrator	1	2		2	
HP14	IT Security Analyst	—	1		1	
TOTAL 282	Network Management Unit - MOB	6	7	1,017,996	7	1,017,996

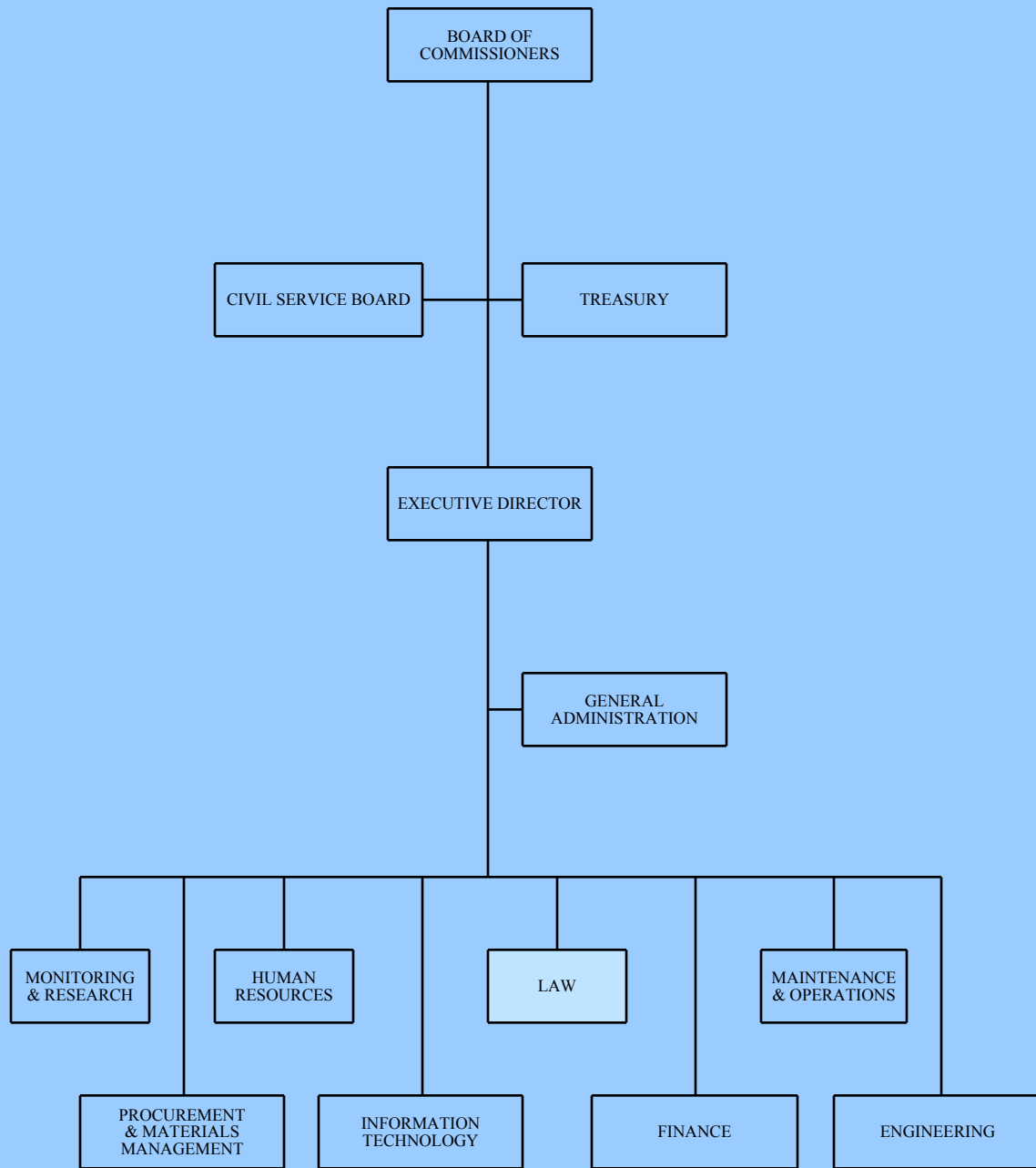
Fund: Corporate Dept: Information Technology		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>283</b>	<b>Network Infrastructure Unit - MOB</b>					
HP18	Senior Network Engineer	1	1		1	
HP16	Network Engineer	3	3		3	
HP14	Network Analyst	2	2		2	
NR1541	Telecommunications Specialist #1	1	—		—	
TOTAL 283	Network Infrastructure Unit - MOB	7	6	814,512	6	832,144
<b>285</b>	<b>IT Service Desk Unit - MOB</b>					
HP15	IT Support Coordinator	1	1		1	
HP12	Systems Support Specialist II #2 (IT Support Analyst I) (New Grade HP11)	1	1		1	
HP11	IT Support Analyst I	2	3		3	
TOTAL 285	IT Service Desk Unit - MOB	4	5	440,125	5	440,124
<b>286</b>	<b>Desktop Engineering Unit - MOB</b>					
HP18	Senior Desktop Engineer	1	1		1	
HP17	Computer Systems Administrator #2 (Desktop Engineer) (New Grade HP16)	2	2		2	
HP16	Desktop Engineer	1	1		1	
HP15	Computer Systems Coordinator #2 (Desktop Analyst) (New Grade HP14)	1	—		—	
TOTAL 286	Desktop Engineering Unit - MOB	5	4	644,910	4	651,159
<b>287</b>	<b>Audio Visual Services Unit - MOB</b>					
HP16	A/V Administrator	2	2		2	
HP14	A/V Analyst	1	1		1	
TOTAL 287	Audio Visual Services Unit - MOB	3	3	381,429	3	387,679
<b>288</b>	<b>IT Field Service Unit - MOB</b>					
HP18	Senior Computer Systems Administrator #2 (IT Support Coordinator) (New Grade HP15)	1	1		1	
HP15	Computer Systems Coordinator #2 (IT Support Analyst II) (New Grade HP13)	1	1		1	
HP13	IT Support Analyst II	6	6		6	
TOTAL 288	IT Field Service Unit - MOB	8	8	867,502	8	862,151

Fund: Corporate Dept: Information Technology		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>289</b>	<b>IT Security &amp; Governance Unit - MOB</b>					
HP18	Senior IT Security Administrator	2	1		1	
HP18	Senior IT Security Administrator #1	—	1		1	
HP16	IT Security Administrator	—	1		1	
TOTAL 289	IT Security & Governance Unit - MOB	2	3	464,266	3	458,807
TOTAL 280	Enterprise Infrastructure Division - MOB	39	42	5,581,540	44	5,753,253
<b>290</b>	<b>Enterprise Applications Division - MOB</b>					
<b>291</b>	<b>Enterprise Applications Administration Section - MOB</b>					
HP19	Information Technology Manager	1	1		1	
HP11	Administrative Specialist	1	1		—	
TOTAL 291	Enterprise Applications Administration Section - MOB	2	2	245,092	1	181,165
<b>292</b>	<b>Business Applications Unit - MOB</b>					
HP18	Senior Applications Administrator	1	1		1	
HP17	Webmaster #1	1	1		1	
HP16	Applications Administrator	2	2		2	
HP14	Applications Analyst	1	2		2	
TOTAL 292	Business Applications Unit - MOB	5	6	811,824	6	771,505
<b>293</b>	<b>ERP Support Unit - MOB</b>					
HP17	Senior Systems Programmer #1	2	2		2	
HP16	Applications Administrator	1	1		1	
TOTAL 293	ERP Support Unit - MOB	3	3	468,980	3	475,229
<b>294</b>	<b>Enterprise GIS Support Unit - MOB</b>					
HP18	Senior Applications Administrator	1	1		1	
HP16	Applications Administrator	1	1		1	
HP16	Applications Administrator #2 (GIS Analyst) (New Grade HP14)	1	—		—	
HP14	Applications Analyst	—	1		1	
HP14	GIS Analyst	1	—		—	
TOTAL 294	Enterprise GIS Support Unit - MOB	4	3	408,647	3	403,517
<b>295</b>	<b>Applications Development Unit - MOB</b>					
HP18	Senior Applications Developer	1	1		1	

Fund: Corporate Dept: Information Technology		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
HP16	Applications Administrator #2 (GIS Analyst) (New Grade HP14)	—	1		1	
HP16	Applications Developer	1	1		1	
HP14	Applications Analyst	1	2		2	
TOTAL 295	Applications Development Unit - MOB	3	5	660,837	5	655,707
<b>296</b>	<b>Enterprise Database Support Unit - MOB</b>					
HP18	Senior Database Administrator	1	1		1	
HP16	Database Administrator	2	2		2	
TOTAL 296	Enterprise Database Support Unit - MOB	3	3	398,075	3	398,075
TOTAL 290	Enterprise Applications Division - MOB	20	22	2,993,455	21	2,885,200
TOTAL	Information Technology	66	73	9,866,763	74	9,925,880

NOTE: Departmental appropriation totals for salaries in the Position Analysis differ from those contained in the Line Item Analysis by a factor identified to adjust for vacancies. Salary ranges corresponding to the pay plan and grade for each class title can be found in the table of Salary Schedules in the Appendix. Dollar amounts may not add up due to rounding.

**NOTE PAGE**





**Metropolitan Water Reclamation District of Greater Chicago**

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

312.751.5600

September 10, 2024

Mr. Brian A. Perkovich  
Executive Director  
OFFICE

Dear Sir:

Subject: 2025 Program for the Law Department

The Law Department's program for 2025, as prepared in detail, is transmitted herewith. The budget presentation supports the request for funding of 2025 initiatives in alignment with and in support of the Strategic Plan. The budget requests include all amendments as directed by you during the Executive Director Budget Hearings in August of this year.

The narrative provides a summary of the department, 2025 major initiatives and challenges, and 2024 accomplishments. Supporting schedules of objectives, performance, and staffing levels present three years of detailed budgetary information.

Thank you for the opportunity to present the proposed Law Department budget for 2025.

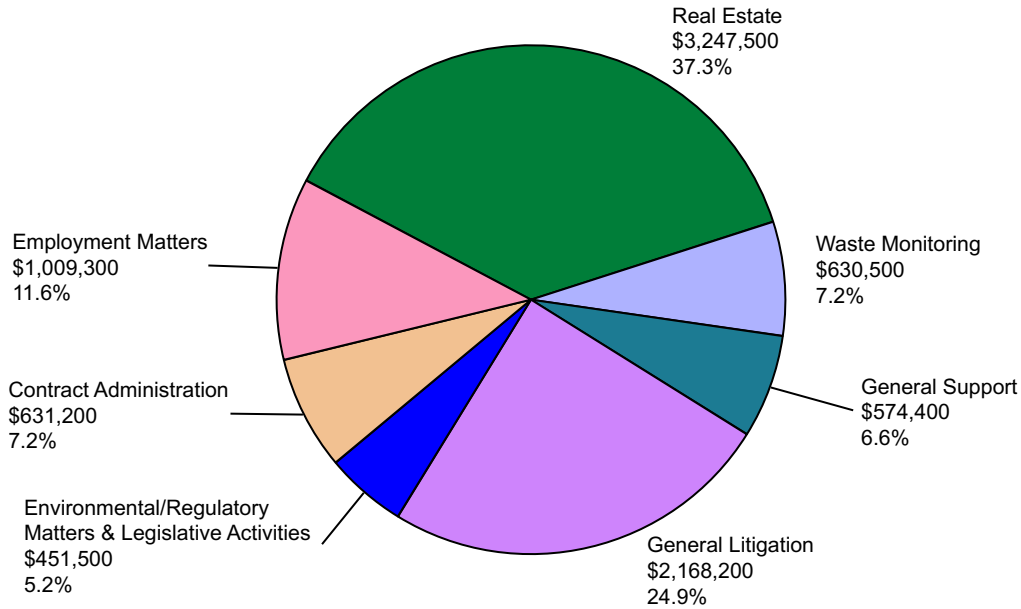
Respectfully submitted,



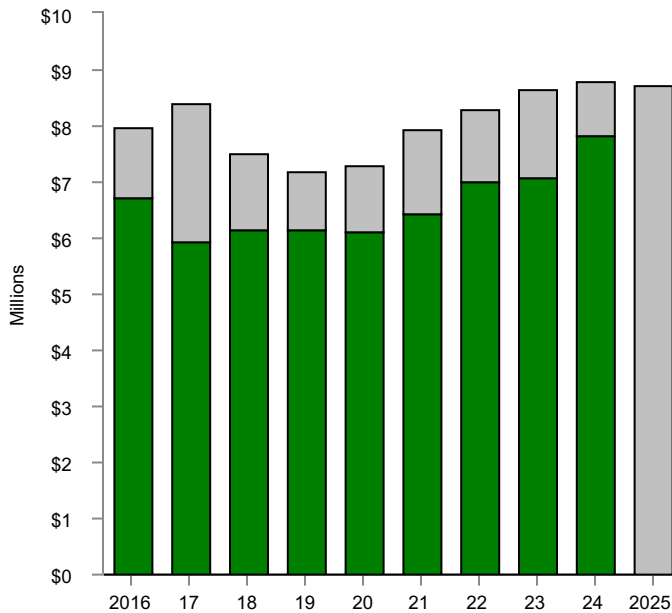
Susan T. Morakalis  
General Counsel

# LAW PROGRAMS

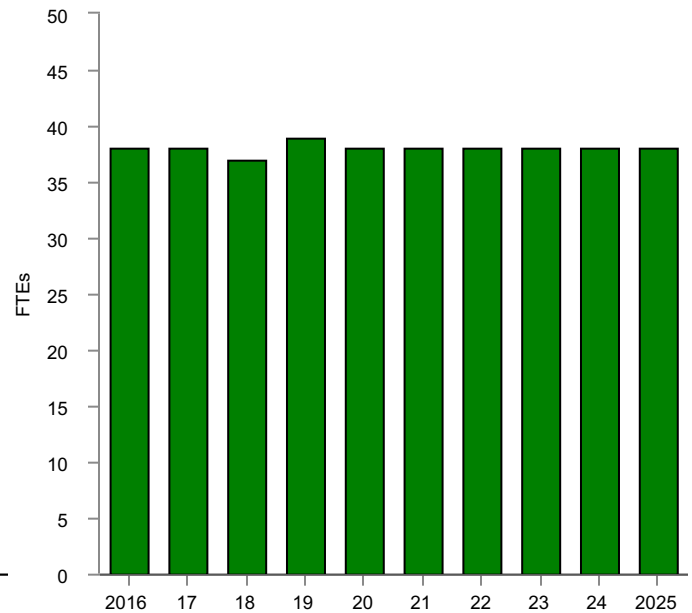
2025	\$8,712,600
2024	\$8,777,900
Decrease	(\$65,300)



## APPROPRIATIONS & EXPENDITURES



## BUDGETED FTE POSITIONS

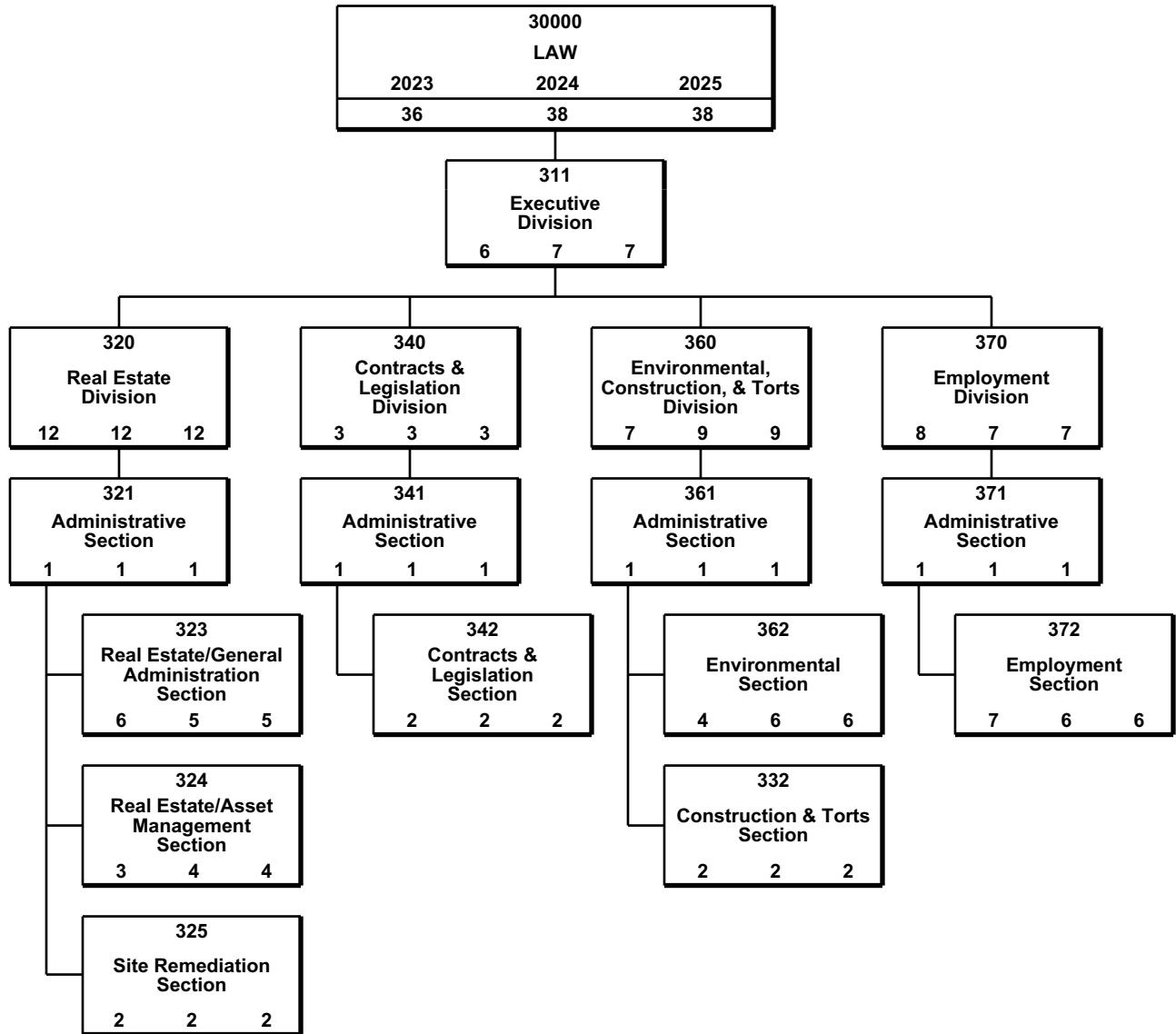


2024 Expenditures are estimated

EXPENDITURES
  APPROPRIATIONS

**2018** - Decrease is due to the settlement of the Natural Resources Defense Council, Inc. suit.  
**2021** - Increase is due to the transfer of the Site Remediation Section from the Maintenance & Operations Department.

# LAW



## LAW

**The mission of the Law Department is to provide the District with high quality cost-effective legal counsel, litigation and transactional services, and real estate administration.**

### Departmental Summary

**The Law Department's primary responsibilities include:**

- Providing legal counsel to the Board of Commissioners, Executive Director, and Officers of the District;
- Working with other departments to implement initiatives;
- Ensuring compliance with laws, regulations, and ordinances applicable to the District;
- Performing all necessary legal actions regarding environmental, tort, contract, financial, employment, municipal, and real estate matters;
- Representing the District in administrative hearings, arbitration, and litigation in state and federal courts;
- Administering approximately 24,000 acres of District owned real estate;
- Representing the District's legislative interests with the Illinois General Assembly, including drafting, introducing, testifying on, and passing legislation as necessary, and protecting the District's interests against adversarial legislation;
- Responding to all Freedom of Information Act requests.

### Summary of 2024 Major Accomplishments

- Finalized intergovernmental agreements with over 25 governmental entities for stormwater projects;
- Recovered a six-figure settlement from a construction company for violating the District's bid policy;
- Obtained a dismissal without payment in lawsuit alleging over \$100,000 in liability for damage to a commercial vehicle on District property;
- Engaged with other governmental entities to use District parcels for open space, natural habitat revitalization, and public infrastructure, including public recreational leases with the Village of Worth and the Worth Park District, and right-of-way coordination on major public improvement projects with the U.S. Army Corps of Engineers, the Illinois Department of Transportation, the Illinois Tollway, the Cook County Department of Transportation and Highways, and the Chicago Transit Authority, among others;
- Promoted available District real estate for solar development;
- Prosecuted show cause proceedings against two industrial users whose discharges violated the Sewage and Waste Control Ordinance's effluent standards seeking civil penalties and a mandate that process water comply with the Ordinance;
- Assisted in the collection of more than \$100,000 in unpaid user charges, non-compliance enforcement charges, and late filing fees;
- Obtained favorable outcomes on employment matters before the Civil Service Board;
- Processed approximately 350 Freedom of Information Act requests;
- Obtained passage of Public Act P.A. 103-0865, an omnibus bill that amends the District's Purchasing Act to increase the mandatory competitive bid thresholds on non-emergency and emergency contracts.

### 2025 Appropriation and Position Summary

The 2025 appropriation for the Law Department is \$8,712,600, a decrease of \$65,300, or 0.7 percent, from 2024. The staffing level remains unchanged at 38 positions.

### 2025 Budget Highlights

The following budget highlights support the District's Strategic Plan Goal of Resource Management, maintaining a high level of performance on the core mission of protecting the public health and area waterways while exploring opportunities to recover, reuse, and monetize resources.

#### **Maintain high level of permit compliance as requirements evolve, continue efforts to improve water quality**

- The Law Department continues to work with the Maintenance & Operations Department to ensure compliance with the District's National Pollutant Discharge Elimination System permits, and stays abreast of all regulatory developments relating to emerging contaminants.

#### **Pursue resource recovery opportunities to increase sustainability and recover costs**

- The Law Department assists operating departments with implementation and administration of the District's Resource Recovery Program. The District's Resource Recovery Ordinance outlines the District's program to sell or otherwise dispose of recovered resources or renewable energy resources resulting from the operation of District facilities. The Law Department provides counsel and support in connection with various renewable energy initiatives including the beneficial reuse of biosolids and the use of high strength organic waste to aid in the biological removal of phosphorus from the District's effluent water.

The following budget highlights support the District's Strategic Plan Goal of Stormwater Management to mitigate flooding across Cook County.

**Develop comprehensive framework to guide proactive implementation of stormwater solutions across Cook County**

- The Environmental, Construction, & Torts Division drafts any necessary amendments to and provides counsel on the District's Watershed Management Ordinance. This Division is also responsible for all variance petitions and enforcement actions under the Watershed Management Ordinance and actively participates in technical advisory committee meetings.

**Partner with local communities to significantly increase stormwater management projects**

- The Environmental, Construction, & Torts Division assists in the review and negotiation of intergovernmental agreements with municipalities to establish the legal framework for regional and local stormwater management projects and flood-prone property acquisitions. Staff participates in informational meetings with local communities to explain and answer questions about the District's legal requirements for participation in green infrastructure projects;
- The Real Estate Division assists in the right-of-way acquisition for stormwater and sewer projects, including the Calumet Dropshaft 34 Modification Project, the Salt Creek Intercepting Sewer No. 3 Rehabilitation, the Stormwater Project along Deer Creek and Third Creek in Southeast Cook County, the Central Park Stormwater Detention Basin and Separate Storm Sewer Improvements in Harvey, the Flood Control Project on Central Road from the Des Plaines River to Glenwood Road in Maine Township and Northfield Township, and the Flood Control Project in the Worth Woods Subdivision in Worth, among others.

The following budget highlights support the District's Strategic Plan Goal of Enterprise Resilience, ensuring ongoing services that are reliable, equitable, and cost-effective, while strengthening the District's operational and financial positions.

**Standardize operations - streamline and automate internal processes, scale lessons learned from pandemic response**

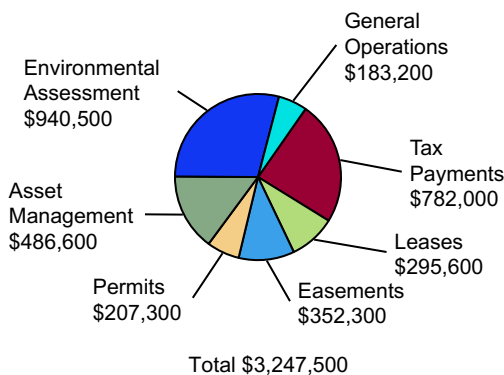
- The Law Department uses technology to ensure reliable and cost effective legal representation for the District. The Law Department uses an electronic Legal Files Document and Case Management System. Using this system, relevant data is shared with the Human Resources Department's Risk Management Information System. This data is essential for analysis and reporting on risk arising from the litigation of claims. During 2023, the Law Department continued its use of an electronic discovery hosting software solution to meet litigation needs. This solution allows the District to meet its legal obligations by collecting, cataloging, and sharing all documents relevant to any active litigation matters.

**Maintain strong fiscal management, identify and leverage opportunities for cost reduction and cost recovery**

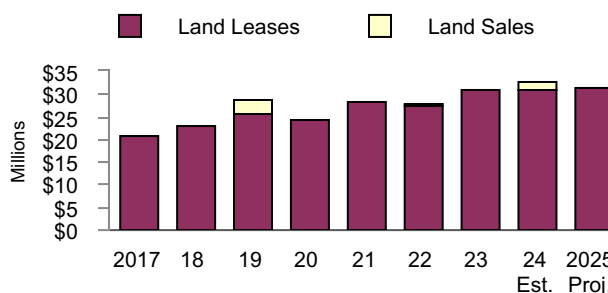
- The District currently owns approximately 24,000 acres of land located in Cook, Will, DuPage, and Fulton Counties in Illinois, about half of which are adjacent to the 76.1 miles of navigable waterways it helps manage, including the Cal-Sag Channel, Chicago Sanitary and Ship Canal (Main Channel), and the North Shore Channel. The majority of the District's land holdings are dedicated to District use, but approximately 5,000 acres in Cook, DuPage, and Will County are leased to other parties;
- The District prioritizes public access and recreation opportunities in its leases. Approximately 80 percent of leased land is held by other governmental agencies (park districts, municipalities, and forest preserve districts) for the express purpose of enhancing public access to parks, hiking and bicycle trails, and passive recreational use along the waterways.

The remaining parcels are leased to private parties for industrial and business purposes. The District requires and encourages that lessees incorporate green infrastructure into leases whenever possible, improve the aesthetics, and protect District land. The District's lease revenues are projected to increase annually over the next four years, while efforts to re-lease expired and remediated leaseholds at higher rentals continue.

**2025 Real Estate Program Budget**



**Real Estate Income  
Land Sales, Leases, Easements, & Permits**



**Land Sale Details**  
 2019 - 17.2 acres sold to the IL State Toll Highway Authority  
 2022 - 4.3 acres sold to the IL State Toll Highway Authority  
 2024 - 10.7 acres sold to the City of Chicago

**30000 LAW**

**OBJECTIVES AND PROGRAM SUMMARY**

OBJECTIVES BY PRIORITY:	Cost	Percent
1. Provide prosecution, defense, and appellate services in litigation. Provide other direct legal services and counseling, as necessary, to the Board of Commissioners, the Executive Director, and the Officers of the District to further the corporate purposes and protect the interests of the District.	\$ 2,168,200	24.9 %
2. Handle all legal environmental matters and monitor all state legislation and legislative activities.	\$ 451,500	5.2 %
3. Provide legal services regarding employment-related matters such as civil service matters, employment discrimination law, labor relations, and labor arbitration.	\$ 1,009,300	11.6 %
4. Provide for the administration of all vacant and unoccupied District real estate; administer the leasing and disposition or other use of District real estate when not presently needed for its corporate purposes; assist in and administer the acquisition of right-of-way for District construction and capital improvement projects and other corporate uses; administer environmental and remediation activities; supervise real estate tax litigation; provide assistance in developing and processing the real estate agenda for meetings of the Board of Commissioners.	\$ 3,247,500	37.3 %
<p>Through its leasing and easement activities, the Real Estate Division will generate approximately \$31.5 million in income in 2025</p>		
5. Provide legal services to ensure the proper disposal of wastes through the sewer systems in the Chicagoland area; oversee the diversion of water from Lake Michigan for water quality; provide legal representation, counseling, and administrative support in connection with enforcement of the Sewage and Waste Control Ordinance, Watershed Management Ordinance, and User Charge Ordinance of the District; provide legal services for flood mitigation projects contracted with other governments and stormwater-related land and easement activities.	\$ 630,500	7.2 %
6. Review proposed contracts, execute awarded contracts, review bond surety, and insurance matters.	\$ 631,200	7.2 %
7. All costs pertaining to the duties of the Clerk's Office, including Board proceedings, agenda and legislative actions, and executive functions of the departments, as well as process Freedom of Information Act requests for the District and participate in budget preparation and monitoring activities for the department.	\$ 574,400	6.6 %
<b>Totals</b>	<b>\$ 8,712,600</b>	<b>100.0 %</b>

**30000 LAW**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change	
Number	Name	Actual	FTEs	Dollars	Dollars	Percent
4300	Stormwater Management	\$ 354,670	2025	2 \$ 411,800	\$ 15,400	3.9
			2024	2 \$ 396,400		
4660	Waste Monitoring	\$ 195,567	2025	2 \$ 218,700	\$ 10,000	4.8
			2024	2 \$ 208,700		
7000	General Support (excluding program numbers 7350 - 7369 and 7604)	\$ 516,556	2025	3 \$ 574,400	\$ 11,200	2.0
			2024	3 \$ 563,200		
7350	General Legal Matters	\$ 3,285,829	2025	19 \$ 4,165,400	\$ 3,900	0.1
			2024	19 \$ 4,161,500		
7360	Real Estate Operations	\$ 2,649,156	2025	12 \$ 3,247,500	\$ (107,500)	(3.2)
			2024	12 \$ 3,355,000		
7604	Social Security and Medicare Contributions	\$ 79,056	2025	— \$ 94,800	\$ 1,700	1.8
			2024	— \$ 93,100		
Totals		\$ 7,080,834	2025	38 \$ 8,712,600	\$ (65,300)	(0.7)%
			2024	38 \$ 8,777,900		

**30000 LAW**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated	
4300	Stormwater Management					
	Provide Legal Representation and Administrative Support for:					
4324	Watershed Management Ordinance Administration	Cost	\$ 47,455	\$ 58,300	\$ 61,300	
4344	Flood Mitigation Projects Contracted with Other Governments	Cost	\$ 200,864	\$ 225,400	\$ 232,400	
4345	Land and Easements (Stormwater)	Cost	\$ 106,351	\$ 112,700	\$ 118,100	
4660	Waste Monitoring					
	Provide Legal Representation and Administrative Support for:					
4663	User Charge Ordinance - Large Commercial - Industrial and Tax-Exempt Users	Cases	25	45	35	a)
		Cost	\$ 136,011	\$ 146,000	\$ 154,000	
		Cost/Case	\$ 5,440.44	\$ 3,244.44	\$ 4,400.00	a)
4666	Sewage and Waste Control Ordinance - Significant Industrial Users Minimum Regulatory Requirement Activities	Cases	3	5	5	
		Cost	\$ 59,556	\$ 62,700	\$ 64,700	
		Cost/Case	\$ 19,852	\$ 12,540	\$ 12,940	
7000	General Support (excluding program numbers 7350 - 7369 and 7604)	Cost	\$ 516,556	\$ 563,200	\$ 574,400	
7350	General Legal Matters					
	Provide Prosecution and Defense Services to Protect the Interests of the District:					
7351	Legislative	Cost	\$ 145,886	\$ 154,900	\$ 160,700	
7352	Financial Matters	Cost	\$ 123,457	\$ 135,700	\$ 137,700	
7353	Environmental and Regulatory Matters	Cost	\$ 258,041	\$ 309,500	\$ 290,800	
7354	Contract Administration	Cost	\$ 556,997	\$ 619,600	\$ 631,200	
7355	Litigation	Cost	\$ 1,209,768	\$ 1,728,000	\$ 1,721,700	

a) Decrease in number of cases is due to a declining trend over the past year.



**30000 LAW**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated	
7356	Employment Matters	Cost	\$ 898,095	\$ 1,014,300	\$ 1,009,300	
7359	General Legal Services	Cost	\$ 93,585	\$ 199,500	\$ 214,000	
7360	Real Estate Operations Provide Administration of All District Land:					
7361	Real Estate Leases - Administration of Leases and Granting of Leases	Leases	196	197	198	
		Cost	\$ 255,086	\$ 288,600	\$ 295,600	
		Cost/Lease	\$ 1,301.46	\$ 1,464.97	\$ 1,492.93	
7362	Real Estate Easements - Administration of Easements and Granting of New Easements	Easements	424	422	426	
		Cost	\$ 293,994	\$ 346,700	\$ 352,300	
		Cost/Easement	\$ 693.38	\$ 821.56	\$ 827.00	
7363	Real Estate Permits - Administration of Permits and Granting of New Permits	Permits	47	57	50	b)
		Cost	\$ 177,045	\$ 203,400	\$ 207,300	
		Cost/Permit	\$ 3,766.91	\$ 3,568.42	\$ 4,146.00	b)
7367	Real Estate Asset Management - Administer Plan to Increase Revenue by Lease/Sale of Real Estate Holdings	Cost	\$ 403,446	\$ 490,700	\$ 486,600	
7368	Real Estate Environmental Assessment - Administer Activities Related to Environmental Assessment and Remediation of Real Estate Holdings	Cost	\$ 629,413	\$ 953,300	\$ 940,500	
7369	Other Real Estate Operations, Including Development of Agenda, Providing Information, Tax Litigation, and Support Services to the Board of Commissioners	Cost	\$ 190,490	\$ 212,300	\$ 183,200	
	Payment of Real Estate Taxes	Cost	\$ 699,682	\$ 860,000	\$ 782,000	
7604	Social Security and Medicare Contributions	Cost	\$ 79,056	\$ 93,100	\$ 94,800	
	Totals		\$ 7,080,834	\$ 8,777,900	\$ 8,712,600	

b) Decrease in number of permits is due to an anticipated higher number of permits in 2024 partially due to the recent passage of a federal infrastructure bill. However, results show no increase in requested permits.

101 30000		LINE ITEM ANALYSIS						
Fund: Corporate Department: Law								
		2023	2024			2025		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 5,596,867	\$ 6,282,700	\$ 6,282,700	\$ 4,422,655	\$ 6,090,300	\$ 6,304,200	\$ —
601060	Compensation Plan Adjustments	53,288	103,600	103,600	197	1,100	103,400	—
601070	Social Security and Medicare Contributions	79,056	93,100	93,100	65,209	84,200	94,800	—
601100	Tuition and Training Payments	14,353	17,500	17,500	6,304	17,500	17,200	—
100	TOTAL PERSONAL SERVICES	5,743,563	6,496,900	6,496,900	4,494,365	6,193,100	6,519,600	—
612010	Travel	2,288	5,900	5,900	—	4,700	5,700	—
612030	Meals and Lodging	9,306	13,800	13,800	7,129	14,300	12,800	—
612040	Postage, Freight, and Delivery Charges	601	900	900	900	900	1,300	—
612050	Compensation for Personally-Owned Automobiles	3,308	5,100	5,100	3,090	4,700	5,100	—
612090	Reprographic Services	626	7,000	7,000	768	5,500	7,000	—
612250	Court Reporting Services	9,267	30,000	30,000	30,000	30,000	37,000	—
612410	Governmental Service Charges	500	500	500	—	500	500	—
612430	Payments for Professional Services	480,496	1,157,500	1,157,500	933,149	688,800	1,151,400	—
612490	Contractual Services, N.O.C.	65,442	102,600	102,600	70,589	86,300	92,400	—
612520	Waste Material Disposal Charges	53,936	78,000	78,000	73,000	78,000	78,000	—
200	TOTAL CONTRACTUAL SERVICES	625,770	1,401,300	1,401,300	1,118,625	913,700	1,391,200	—
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	2,862	6,500	6,500	2,923	6,500	6,600	—
623720	Books, Maps, and Charts	8,955	13,000	13,000	11,582	13,000	13,000	—
623990	Materials and Supplies, N.O.C.	—	200	200	14	200	200	—
300	TOTAL MATERIALS AND SUPPLIES	11,818	19,700	19,700	14,519	19,700	19,800	—
667130	Taxes on Real Estate	699,682	860,000	860,000	710,653	710,700	782,000	—
700	TOTAL FIXED AND OTHER CHARGES	699,682	860,000	860,000	710,653	710,700	782,000	—
TOTAL LAW		\$ 7,080,833	\$ 8,777,900	\$ 8,777,900	\$ 6,338,162	\$ 7,837,200	\$ 8,712,600	\$ —

NOTES: 1. Amounts may not add up due to rounding.  
 2. Departmental appropriation totals for salaries in the Line Item Analysis may differ from those contained in the Position Analysis by a factor identified to adjust for vacancies.  
 Additionally, Estimated Expenditure may either exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.

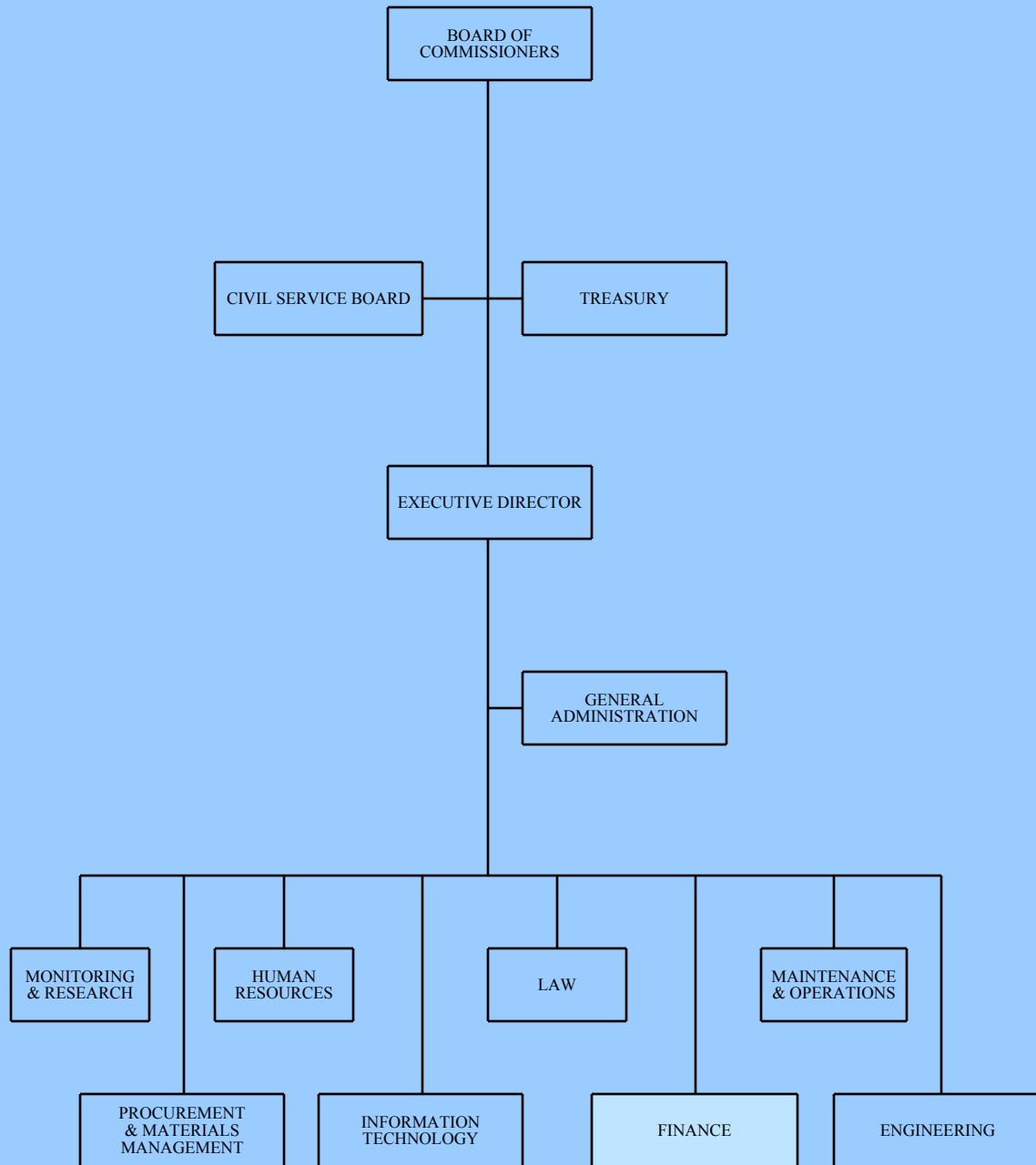
Fund: Corporate Dept: Law		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>311</b>	<b>Executive Office</b>					
EX12	General Counsel	1	1		1	
HP23	Deputy General Counsel	1	1		1	
HP22	Head Assistant Attorney	1	1		1	
HP20	Principal Attorney	1	—		—	
HP18	Senior Attorney	—	1		1	
EX06	Secretary to Officer	1	1		1	
HP13	Legal Assistant	1	1		1	
HP13	Senior Administrative Specialist	—	1		—	
HP11	Administrative Specialist	—	—		1	
TOTAL 311	Executive Office	6	7	1,307,172	7	1,299,795
<b>320</b>	<b>Real Estate Division</b>					
<b>321</b>	<b>Administrative Section</b>					
HP22	Head Assistant Attorney	1	1		1	
TOTAL 321	Administrative Section	1	1	228,276	1	239,417
<b>323</b>	<b>Real Estate / General Administration Section</b>					
HP20	Principal Attorney	1	1		1	
HP18	Senior Attorney	3	2		2	
HP15	Senior Legal Assistant	1	1		1	
HP13	Senior Administrative Specialist	—	—		1	
HP11	Administrative Specialist	1	1		—	
TOTAL 323	Real Estate / General Administration Section	6	5	708,465	5	730,423
<b>324</b>	<b>Real Estate / Asset Management Section</b>					
HP20	Principal Attorney	—	1		1	
HP18	Senior Attorney	1	1		1	
HP13	Senior Administrative Specialist	2	2		2	
TOTAL 324	Real Estate / Asset Management Section	3	4	501,330	4	502,106
<b>325</b>	<b>Site Remediation Section</b>					
HP20	Engineer of Site Remediation	1	1		1	

Fund: Corporate Dept: Law		POSITION ANALYSIS				
		2023	2024		2025	
				Proposed by the Executive Director		
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
HP17	Site Remediation Specialist	1	1		1	
TOTAL 325	Site Remediation Section	2	2	395,491	2	395,491
TOTAL 320	Real Estate Division	12	12	1,833,562	12	1,867,437
<b>340</b>	<b>Contracts &amp; Legislation Division</b>					
<b>341</b>	<b>Administrative Section</b>					
HP22	Head Assistant Attorney	1	1		1	
TOTAL 341	Administrative Section	1	1	272,838	1	272,838
<b>342</b>	<b>Contracts &amp; Legislation Section</b>					
HP20	Principal Attorney	1	1		1	
HP18	Senior Attorney	1	1		1	
TOTAL 342	Contracts & Legislation Section	2	2	377,480	2	384,519
TOTAL 340	Contracts & Legislation Division	3	3	650,318	3	657,357
<b>360</b>	<b>Environmental, Construction, &amp; Torts Division</b>					
<b>361</b>	<b>Administrative Section</b>					
HP22	Head Assistant Attorney	1	1		1	
TOTAL 361	Administrative Section	1	1	250,558	1	250,558
<b>362</b>	<b>Environmental Section</b>					
HP20	Principal Attorney	1	1		1	
HP18	Senior Attorney	2	2		2	
HP15	Senior Legal Assistant	—	1		1	
HP13	Legal Assistant	1	1		1	
HP11	Administrative Specialist	—	1		1	
TOTAL 362	Environmental Section	4	6	767,789	6	795,913
<b>332</b>	<b>Construction &amp; Torts Section</b>					
HP20	Principal Attorney	1	1		1	
HP18	Senior Attorney	1	1		1	
TOTAL 332	Construction & Torts Section	2	2	304,646	2	321,478
TOTAL 360	Environmental, Construction, & Torts Division	7	9	1,322,992	9	1,367,948

Fund: Corporate Dept: Law		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>370</b>	<b>Employment Division</b>					
<b>371</b>	<b>Administrative Section</b>					
HP22	Head Assistant Attorney	1	1		1	
TOTAL 371	Administrative Section	1	1	272,838	1	272,838
<b>372</b>	<b>Employment Section</b>					
HP20	Principal Attorney	2	2		2	
HP18	Senior Attorney	3	3		3	
HP15	Senior Legal Assistant	1	—		—	
HP11	Administrative Specialist	1	1		1	
TOTAL 372	Employment Section	7	6	927,067	6	938,049
TOTAL 370	Employment Division	8	7	1,199,905	7	1,210,887
TOTAL	Law	36	38	6,313,949	38	6,403,424

NOTE: Departmental appropriation totals for salaries in the Position Analysis differ from those contained in the Line Item Analysis by a factor identified to adjust for vacancies. Salary ranges corresponding to the pay plan and grade for each class title can be found in the table of Salary Schedules in the Appendix. Dollar amounts may not add up due to rounding.

**NOTE PAGE**



**Metropolitan Water Reclamation District of Greater Chicago**

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

312.751.5600

September 10, 2024

Mr. Brian A. Perkovich  
Executive Director  
OFFICE

Dear Sir:

Subject: 2025 Program for the Finance Department

The Finance Department's program for 2025, as prepared in detail, is transmitted herewith. The budget presentation supports the request for funding of the department's 2025 initiatives in alignment with and in support of the Strategic Plan. The budget requests include all amendments as directed by you during the Executive Director Budget Hearings in August of this year.

The narrative provides a summary of the department, 2025 major initiatives and challenges, and 2024 accomplishments. Supporting schedules of objectives, performance, and staffing levels present three years of detailed budgetary information.

Thank you for the opportunity to present the proposed Finance Department budget for 2025.

Respectfully submitted,

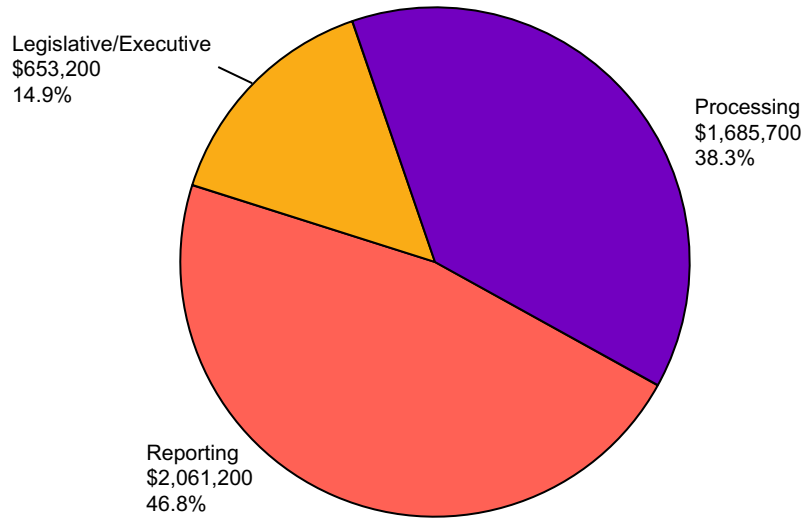


Jacqueline Torres  
Clerk/Director of Finance

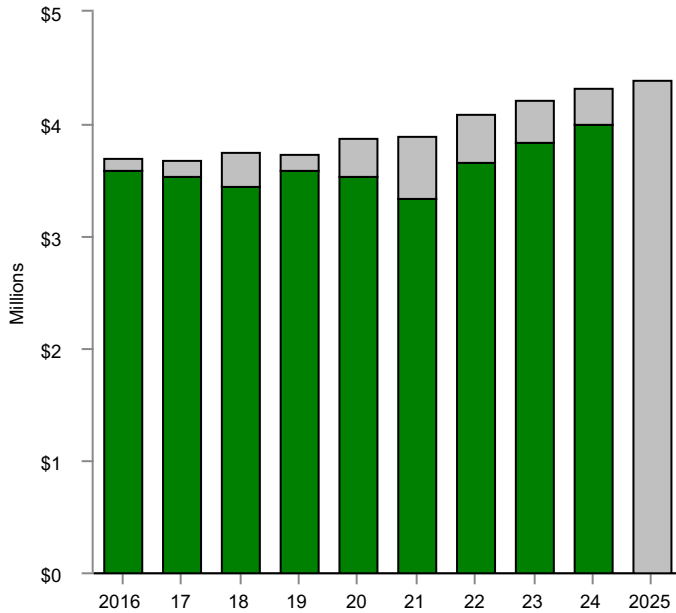


# FINANCE PROGRAMS

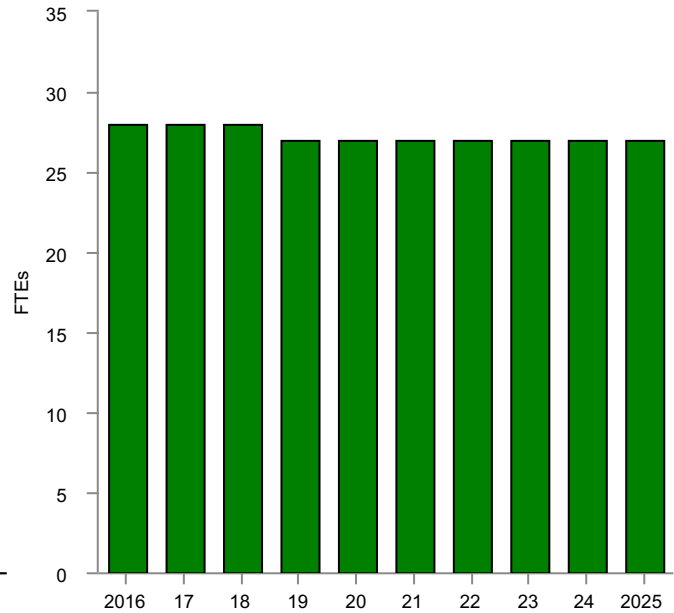
2025	\$4,400,100
2024	\$4,329,900
Increase	\$70,200



## APPROPRIATIONS & EXPENDITURES



## BUDGETED FTE POSITIONS

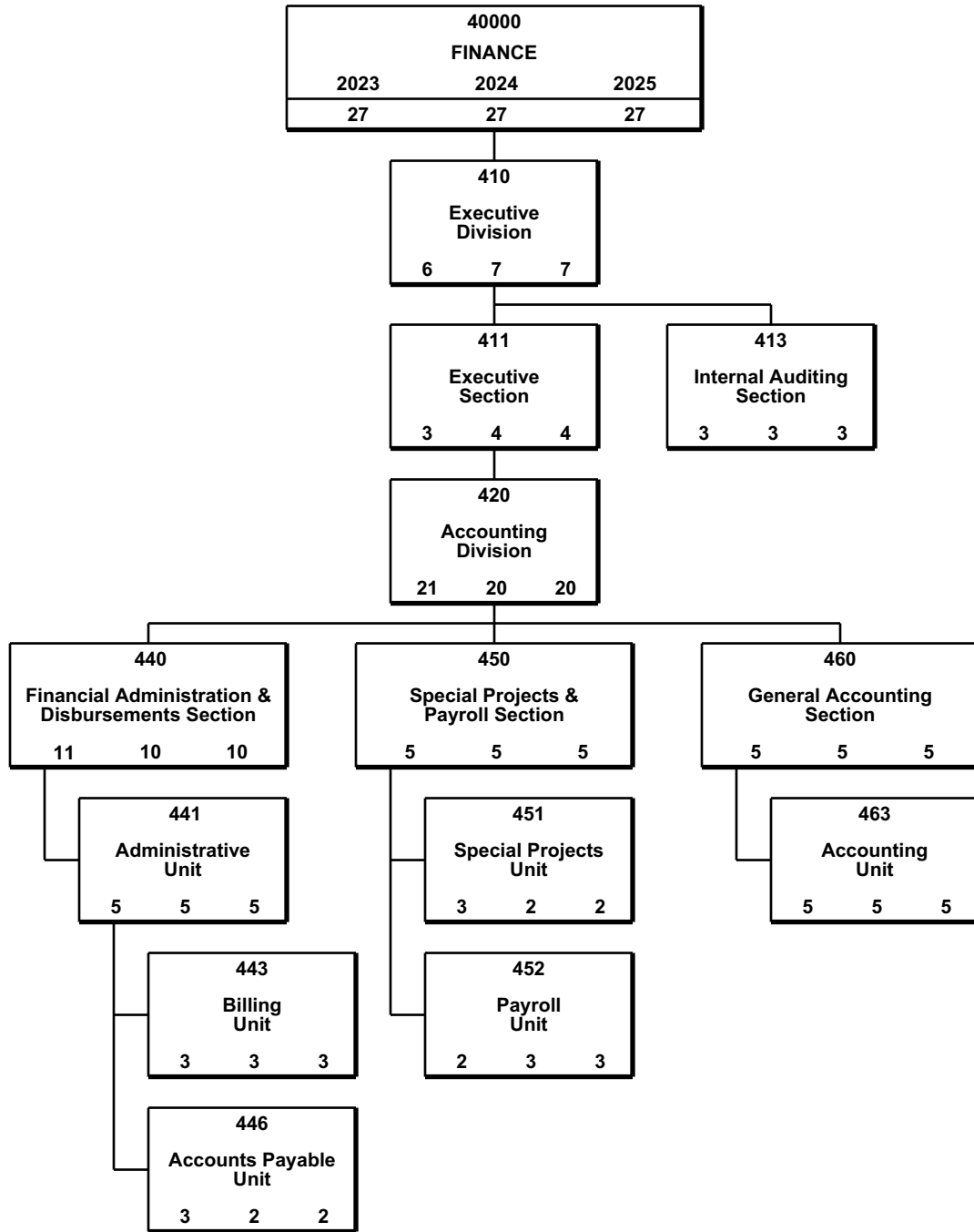


2024 Expenditures are estimated

EXPENDITURES
  APPROPRIATIONS

**2019** - The decrease is due to the automation of manual processes.

# FINANCE



## FINANCE

**The mission of the Finance Department is to provide leadership in developing cost-saving strategies for transaction processing, optimize operations, provide reliable financial reports, and ensure compliance with all applicable statutes, regulations, professional standards, and policies for the benefit of Metropolitan Water Reclamation District stakeholders.**

### Departmental Summary

The Finance Department's primary responsibilities include:

- Auditing and reporting the District's financial information and auditing of operational performance, compliance, and internal controls;
- Processing the District's financial transactions including vendor payments, payroll, billing, and collection activities;
- Creating the Board of Commissioner's agenda and minutes as well as maintaining official records of the Board's legislative actions.

Central to the Finance Department's activities is the financial reporting function that includes a good framework of internal controls which mitigates system fraud and enables diverse users to readily assess the District's financial position and rely on results of its operations. Excellent bond ratings, external auditors' unmodified opinions, and Certificates of Achievement for Excellence in Financial Reporting demonstrate the effectiveness of the District's fiscal management and financial reporting excellence.

### Summary of 2024 Major Accomplishments

- The District received an unmodified opinion from external auditors and was awarded the Government Finance Officers Association Certificate of Achievement for Excellence in Financial Reporting for the 2023 Annual Comprehensive Financial Report for the 49th consecutive year;
- Completed the annual external audit and financial reporting for the District's Deferred Compensation 457 plan;
- Implemented GASB Statements 94, Public-Private and Public-Public Partnerships and Availability Payment Arrangements and GASB 96, Subscription Based Information Technology Arrangements;
- Updated Finance Administrative Procedures to reflect current operations;
- In partnership with the Information Technology Department, undertook an upgrade to the Readsoft Invoices software to stay current with technology requirements and further streamline the vendor payments process;
- Completed successful transition from the older IRS Tax filing system to the new Information Returns Intake System (IRIS) resulting in cost savings and improved accuracy while no longer having to depend on third party providers to issue vendor tax forms;
- Continued initiative to convert paper payment and revenue collection methods to electronic methods: converted over 1,100 vendors since 2020 and maintained electronic payment methods at 75 percent. More than 90 percent of all vendor invoices are now received electronically. The District's electronic revenue collections rose to 33 percent;
- In collaboration with the Law and Information Technology Departments, commenced development of the Integrated Real Estate Information System (IREIS) iteration 2.2. The newest version will provide the ability to email attached PDF invoices, an upgrade to the previous IREIS iteration 2.1. Additional improvements being developed are multiple applications of Consumer Price Index (CPI) for CPI-indexed real estate agreements;
- Training efforts have resulted in staff promotions of 42 percent over the past five years and equity and inclusion efforts have resulted in staff representation of over 71 percent minority and women representation;
- Completed internal audits consisting of sixteen audit projects that reviewed internal control systems, employee authorizations, procurement card expenditures, cost sharing agreements with other agencies, employee leave balances and compensation time compliance, clean water fund campaigns, mandatory training compliance tracking, user charge clearings, banking transactions, and completed complex financial assessments of prospective District tenants and rental calculations for current tenants;
- Completed two special projects including reconciliation of employee deferred compensation fund participant balance transfers and coordinated health and prescription drug claims review;
- Completed Workforce and SAP configuration to provide paid leave time to all temporary and full-time employees.

### 2025 Appropriation and Position Summary

The 2025 appropriation for the Finance Department is \$4,400,100, an increase of \$70,200, or 1.6 percent, from 2024. The staffing level remains unchanged at 27 positions.

### 2025 Budget Highlights

The following budget highlights support the District’s Strategic Plan Goal of Workforce Excellence. The District is committed to investing in its future by investing in its employees. The initiatives highlighted below will allow the District to continue to recruit, develop, and retain best-in-class employees as the foundation of the organization’s ongoing success.

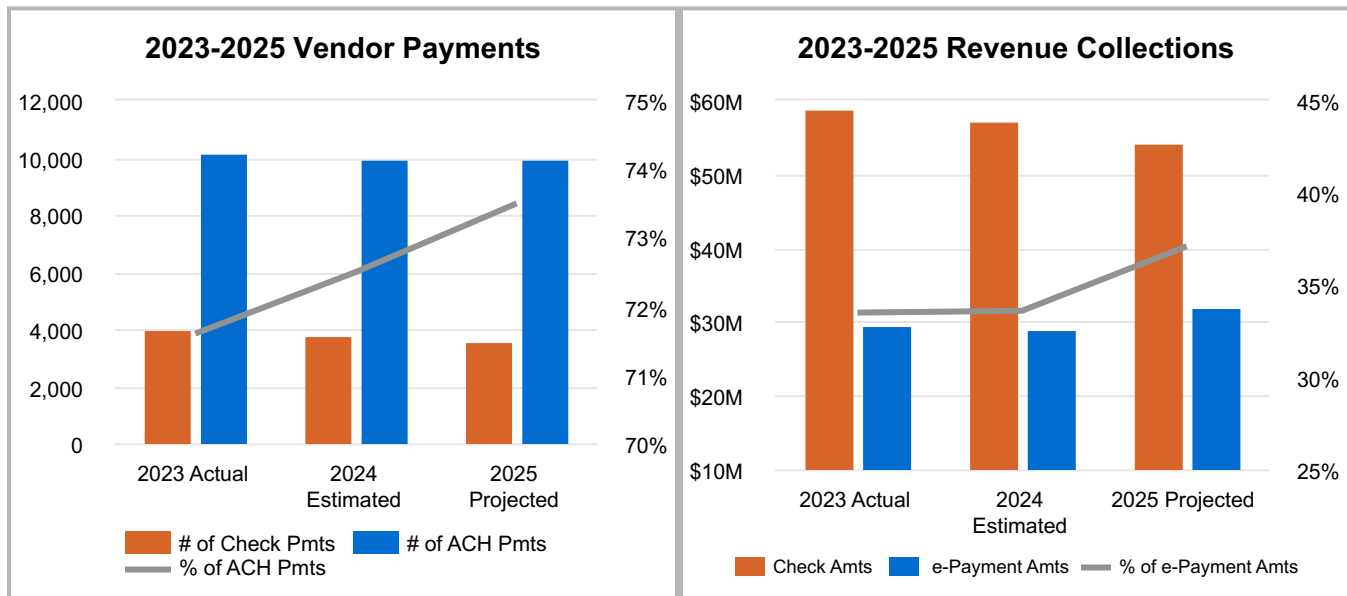
#### Foster a culture that recognizes the value of every employee and provide a workplace environment that meets evolving industry trends

- Focus on employee recognition for excellence and continue to develop a workforce that is diverse, knowledgeable, motivated, and adaptive to change;
- Continue the department's cross-training program for staff to ensure that institutional knowledge is retained and improved through ongoing training, the utilization of the eLearning platform, the encouragement of tuition reimbursement programs, and the expansion of webinar opportunities;
- Stay current with government accounting and financial reporting standards by actively participating in conferences and training. It is equally important for the Finance Department to work closely with the operating departments to understand the changes in processes and meet their reporting needs.

The following budget highlights support the District’s Strategic Plan Goal of Enterprise Resilience. The initiative shown below reflects the District’s dedication to making choices and decisions that strengthen the District’s financial position, resulting in reliable and cost-effective services.

#### Standardize operations - streamline and automate internal processes, scale lessons learned from pandemic response

- Focus on continuous excellence in delivering services and obtaining an unmodified audit opinion on the District’s financial statements, earn the Certificate of Excellence in Financial Reporting from the Government Finance Officers Association, and ensure compliance with applicable GASB pronouncements and regulatory requirements;
- Continue increasing electronic revenue collections for all types of revenue streams (excluding ad valorem taxes);
- In partnership with the Monitoring & Research Department, streamline the Chemical Toilet Waste and Bio-P coupon program by transitioning both into the iPacs system. Provides improved tracking/reporting with automating this process;
- Explore additional agenda management solutions to maximize latest functionality and continue to increase opportunity for public engagement.



**40000 FINANCE**

**OBJECTIVES AND PROGRAM SUMMARY**

OBJECTIVES BY PRIORITY:	Cost	Percent
1. Provide for the processing of all District expenditures, which consist of vendor payments, employee wages, expenses, and fringe benefits. Vendor payments are made in compliance with the Prompt Payment Act. Provide for the accounting, billing, and collection of all revenue such as user charge, State Revolving Fund, real estate, and other miscellaneous billings.	\$ 1,685,700	38.3 %
2. Provide for the external audit, general accounting, and reporting of financial information (financial statement preparation, fixed assets, cost accounting analysis, general ledger maintenance, and bank account reconciliation). Provide for the independent appraisal and analysis of departmental internal activities approved for internal audit by the Audit Committee.	\$ 2,061,200	46.8 %
3. Provide for the preparation of Board meeting agendas and minutes reports and for the documentation, retention, and retrieval of all official records of the Board of Commissioners.	\$ 653,200	14.9 %
<b>Totals</b>	<b>\$ 4,400,100</b>	<b>100.0 %</b>

PROGRAMS BY PRIORITY:		2023	Budgeted		Change		
Number	Name	Actual	FTEs	Dollars	Dollars	Percent	
4663	User Charge Ordinance - Large Commercial/Industrial Users	\$ 315,870	2025	3	\$ 355,700	\$ 10,000	2.9
			2024	4	\$ 345,700		
7394	Transaction Processing	\$ 1,234,086	2025	11	\$ 1,330,000	\$ (9,800)	(0.7)
			2024	11	\$ 1,339,800		
7396	Reporting	\$ 1,900,615	2025	10	\$ 2,006,600	\$ (115,800)	(5.5)
			2024	10	\$ 2,122,400		
7398	Legislative/Executive	\$ 348,372	2025	3	\$ 653,200	\$ 184,400	39.3
			2024	2	\$ 468,800		
7604	Social Security and Medicare Contributions	\$ 47,483	2025	—	\$ 54,600	\$ 1,400	2.6
			2024	—	\$ 53,200		
<b>Totals</b>		<b>\$ 3,846,426</b>	2025	27	\$ 4,400,100	\$ 70,200	1.6 %
			2024	27	\$ 4,329,900		

a) Increase is due to new agenda management solution implementation (\$200,000).

**40000 FINANCE**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated	
4660	Waste Monitoring					
4663	User Charge Ordinance - Large Commercial/Industrial Users	Cost	\$ 315,870	\$ 345,700	\$ 355,700	
7390	Accounting and Auditing					
7394	Transaction Processing	Transactions	79,200	79,000	79,500	
		Cost	\$ 1,234,086	\$ 1,339,800	\$ 1,330,000	
		Cost/Transaction	\$ 15.58	\$ 16.96	\$ 16.73	
7396	Reporting	Cost	\$ 1,900,615	\$ 2,122,400	\$ 2,006,600	
7398	Legislative/Executive	Cost	\$ 348,372	\$ 468,800	\$ 653,200	a)
7604	Social Security and Medicare Contributions	Cost	\$ 47,483	\$ 53,200	\$ 54,600	
		Totals	\$ 3,846,426	\$ 4,329,900	\$ 4,400,100	

a) Increase is due to new agenda management solution implementation (\$200,000).

101 40000	Fund: Corporate Department: Finance	LINE ITEM ANALYSIS						
		2023	2024			2025		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 3,389,827	\$ 3,586,600	\$ 3,586,600	\$ 2,482,560	\$ 3,423,900	\$ 3,622,400	\$ —
601060	Compensation Plan Adjustments	11,868	63,800	63,800	4,842	12,800	36,900	—
601070	Social Security and Medicare Contributions	47,483	53,200	53,200	36,660	47,600	54,600	—
601100	Tuition and Training Payments	37,004	30,000	30,000	17,319	30,000	30,000	—
100	TOTAL PERSONAL SERVICES	3,486,182	3,733,600	3,733,600	2,541,381	3,514,300	3,743,900	—
612010	Travel	3,366	10,000	10,000	3,286	6,000	6,500	—
612030	Meals and Lodging	6,604	12,000	12,000	8,722	12,300	15,500	—
612040	Postage, Freight, and Delivery Charges	64	500	500	81	100	500	—
612050	Compensation for Personally-Owned Automobiles	176	500	500	100	200	400	—
612090	Reprographic Services	1,400	2,500	2,500	2,460	2,500	2,500	—
612250	Court Reporting Services	27,621	53,000	53,000	53,000	30,000	53,000	—
612340	Discount Lost	3,951	3,000	3,000	2,247	3,000	3,000	—
612430	Payments for Professional Services	306,778	492,800	492,800	461,574	416,500	558,800	—
612490	Contractual Services, N.O.C.	760	2,500	2,500	760	1,500	2,500	—
612800	Repairs to Office Furniture and Equipment	—	6,500	6,500	5,513	6,000	500	—
200	TOTAL CONTRACTUAL SERVICES	350,721	583,300	583,300	537,743	478,100	643,200	—
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	9,524	12,000	12,000	8,115	8,000	12,000	—
623720	Books, Maps, and Charts	—	500	500	199	500	500	—
623990	Materials and Supplies, N.O.C.	—	500	500	—	500	500	—
300	TOTAL MATERIALS AND SUPPLIES	9,524	13,000	13,000	8,314	9,000	13,000	—
TOTAL FINANCE		\$ 3,846,427	\$ 4,329,900	\$ 4,329,900	\$ 3,087,438	\$ 4,001,400	\$ 4,400,100	\$ —

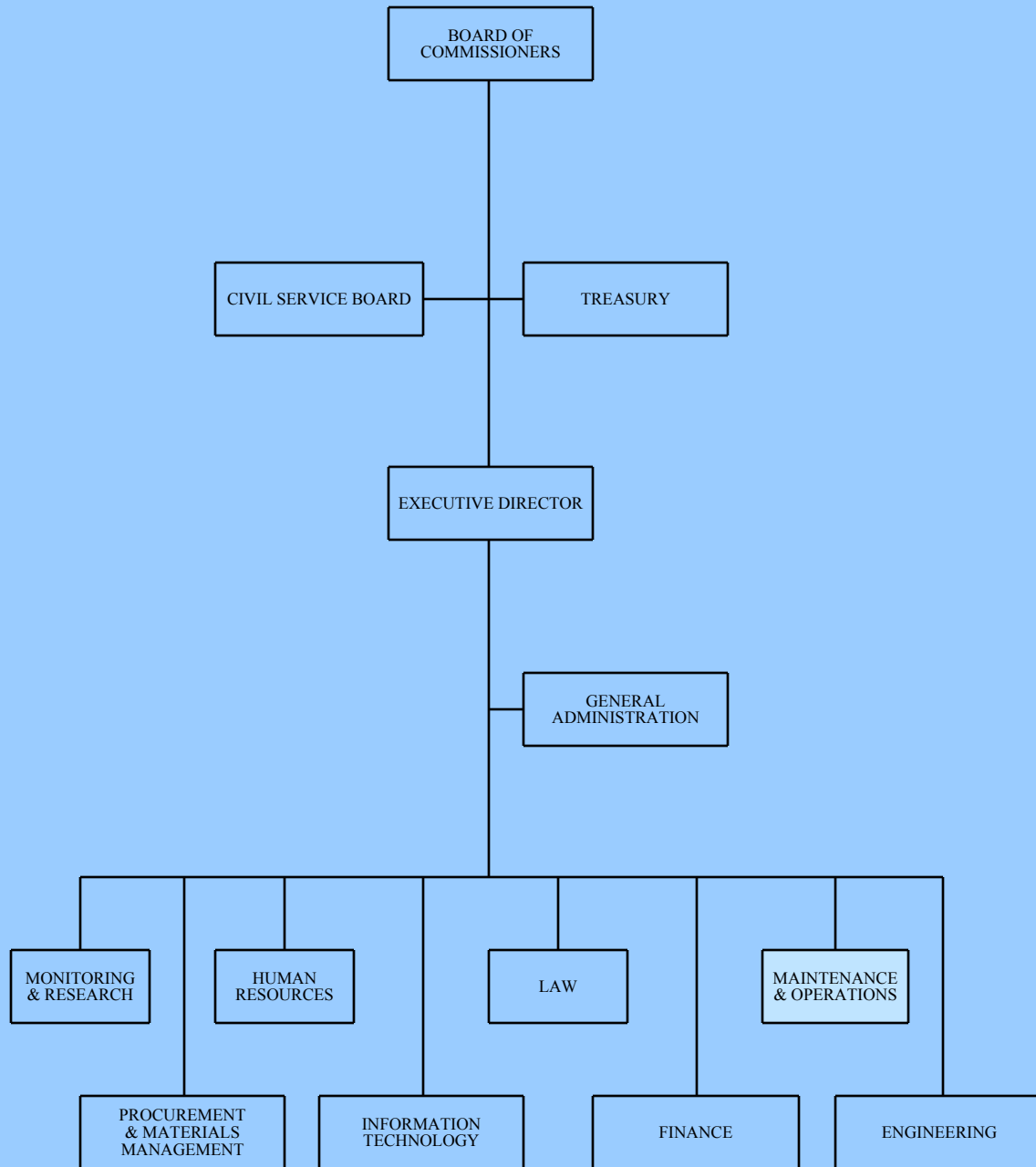
NOTES: 1. Amounts may not add up due to rounding.  
 2. Departmental appropriation totals for salaries in the Line Item Analysis may differ from those contained in the Position Analysis by a factor identified to adjust for vacancies.  
 Additionally, Estimated Expenditure may either exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.

Fund: Corporate Dept: Finance		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>410</b>	<b>Executive Division</b>					
<b>411</b>	<b>Executive Section</b>					
EX13	Clerk/Director of Finance	1	1		1	
HP21	Comptroller	1	1		1	
HP16	Assistant Clerk	—	1		1	
EX06	Secretary to Officer	1	1		1	
TOTAL 411	Executive Section	3	4	750,057	4	728,647
<b>413</b>	<b>Internal Auditing Section</b>					
HP19	Accounting Manager #2 (New Grade HP18)	1	1		1	
HP17	Supervising Accountant #2 (Financial Analyst) (New Grade HP16)	2	2		1	
HP16	Financial Analyst	—	—		1	
TOTAL 413	Internal Auditing Section	3	3	508,145	3	469,264
TOTAL 410	Executive Division	6	7	1,258,202	7	1,197,912
<b>420</b>	<b>Accounting Division</b>					
<b>440</b>	<b>Financial Administration &amp; Disbursements Section</b>					
<b>441</b>	<b>Administrative Unit</b>					
HP18	Accounting Manager	1	1		1	
HP16	Financial Analyst	3	4		4	
HP13	Senior Administrative Specialist	1	—		—	
TOTAL 441	Administrative Unit	5	5	621,500	5	646,493
<b>443</b>	<b>Billing Unit</b>					
HP12	Accounting Associate	3	3		3	
TOTAL 443	Billing Unit	3	3	231,615	3	231,613
<b>446</b>	<b>Accounts Payable Unit</b>					
HP12	Accounting Associate	3	2		2	
TOTAL 446	Accounts Payable Unit	3	2	149,800	2	172,845
TOTAL 440	Financial Administration & Disbursements Section	11	10	1,002,915	10	1,050,952



Fund: Corporate Dept: Finance		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>450</b>	<b>Special Projects &amp; Payroll Section</b>					
<b>451</b>	<b>Special Projects Unit</b>					
HP18	Accounting Manager	1	1		1	
HP16	Financial Analyst	1	—		—	
HP14	Budget & Management Analyst	1	1		1	
TOTAL 451	Special Projects Unit	3	2	293,713	2	299,402
<b>452</b>	<b>Payroll Unit</b>					
HP16	Financial Analyst	2	2		2	
HP12	Accounting Associate	—	1		1	
TOTAL 452	Payroll Unit	2	3	373,787	3	373,788
TOTAL 450	Special Projects & Payroll Section	5	5	667,501	5	673,190
<b>460</b>	<b>General Accounting Section</b>					
<b>463</b>	<b>Accounting Unit</b>					
HP19	Accounting Manager #2 (New Grade HP18)	1	1		1	
HP17	Supervising Accountant #2 (Financial Analyst) (New Grade HP16)	1	1		1	
HP16	Financial Analyst	1	1		1	
HP13	Accounting Clerk III #2 (Accounting Associate) (New Grade HP12)	1	1		1	
HP12	Accounting Associate	1	1		1	
TOTAL 463	Accounting Unit	5	5	694,192	5	700,441
TOTAL 460	General Accounting Section	5	5	694,192	5	700,441
TOTAL 420	Accounting Division	21	20	2,364,608	20	2,424,583
TOTAL	Finance	27	27	3,622,809	27	3,622,495

NOTE: Departmental appropriation totals for salaries in the Position Analysis differ from those contained in the Line Item Analysis by a factor identified to adjust for vacancies. Salary ranges corresponding to the pay plan and grade for each class title can be found in the table of Salary Schedules in the Appendix. Dollar amounts may not add up due to rounding.



**Metropolitan Water Reclamation District of Greater Chicago**

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

312.751.5600

September 10, 2024

Mr. Brian A. Perkovich  
Executive Director  
OFFICE

Dear Sir:

Subject: 2025 Program for the Maintenance & Operations Department

The Maintenance & Operations Department's program for 2025, as prepared in detail, is transmitted herewith. The budget presentation supports the request for funding of the department's 2025 initiatives in alignment with and in support of the Strategic Plan. The budget requests include all amendments as directed by you during the Executive Director Budget Hearings in August of this year.

The narrative provides a summary of the department, 2025 major initiatives and challenges, and 2024 accomplishments. Supporting schedules of objectives, performance, and staffing levels present three years of detailed budgetary information.

Thank you for the opportunity to present the proposed Maintenance & Operations Department budget for 2025.

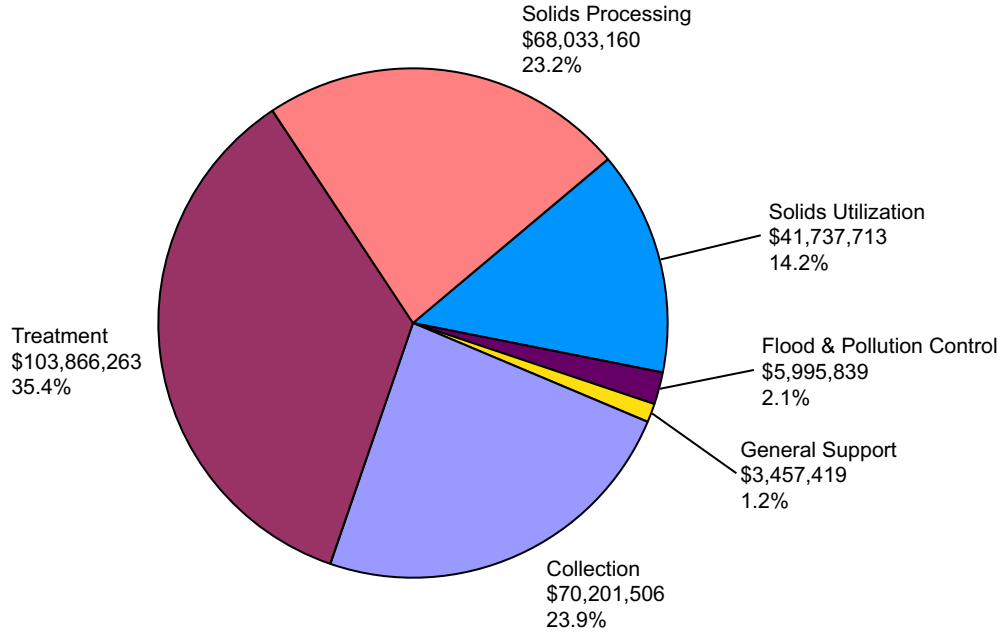
Respectfully submitted,



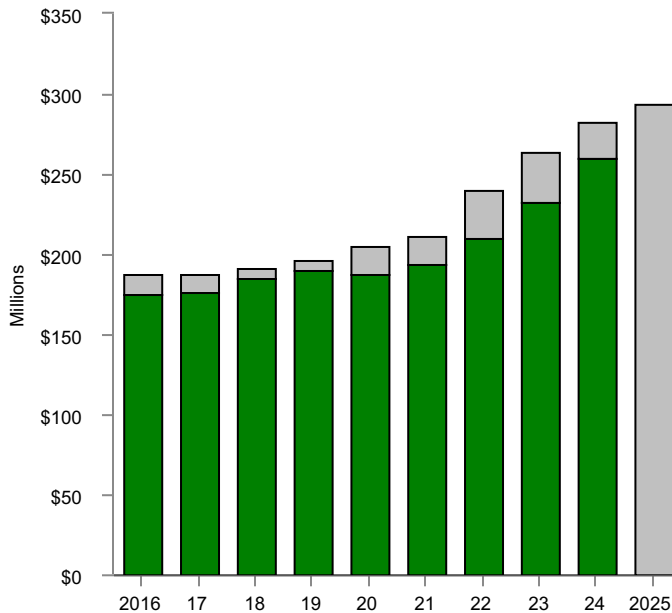
John P. Murray  
Director of Maintenance & Operations

# MAINTENANCE & OPERATIONS - ALL DIVISIONS PROGRAMS

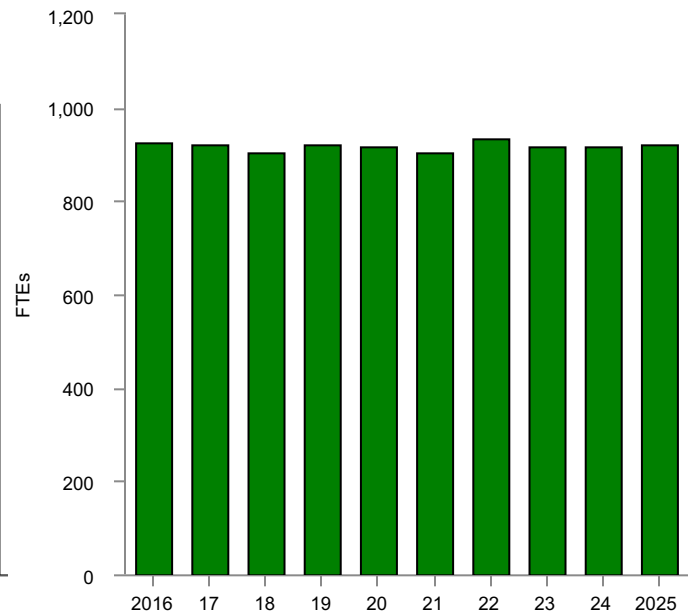
2025	\$293,291,900
2024	\$282,180,700
Increase	\$11,111,200



## APPROPRIATIONS & EXPENDITURES



## BUDGETED FTE POSITIONS



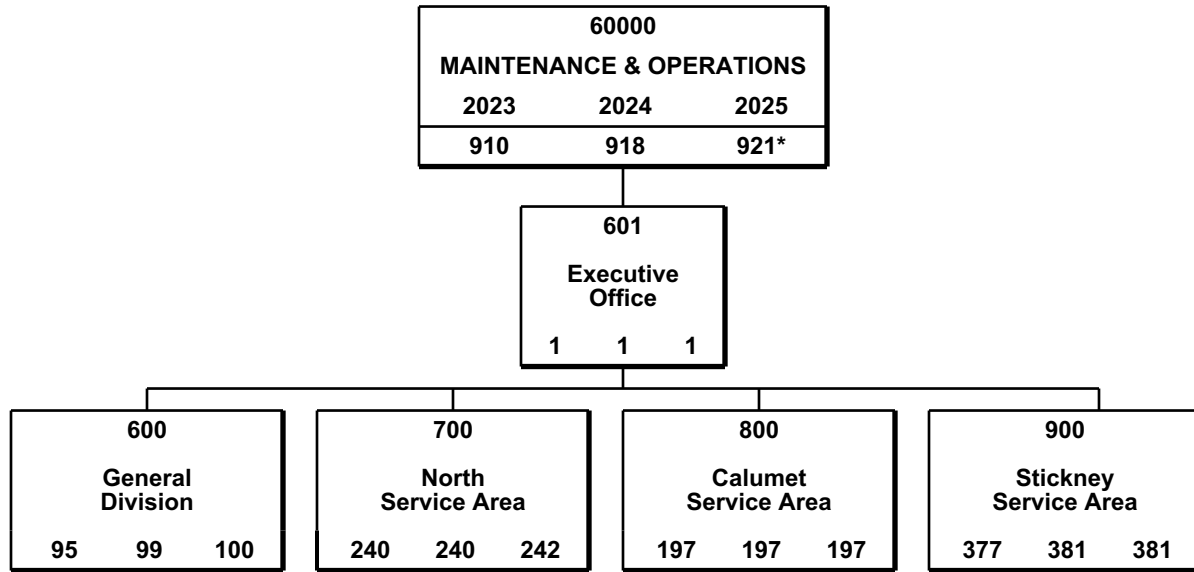
2024 Expenditures are estimated

■ EXPENDITURES      ■ APPROPRIATIONS

Year-over-year fluctuations are the result of organizational redesign.

**2022-2023** - Increase is due to rising costs of electrical energy, natural gas, and chemicals.  
**2024** - Increase is due to the need for additional chemicals to meet permit requirements for phosphorus removal.  
**2025** - Increase is due to rising costs for biosolids hauling.

# MAINTENANCE & OPERATIONS - ALL DIVISIONS



\* The 2025 position total for the Maintenance & Operations Department is 921. There are an additional 28 positions funded by the Stormwater Management Fund, while the operations remain in the Maintenance & Operations Department.

## MAINTENANCE & OPERATIONS

**The mission of the Maintenance & Operations Department (M&O) is to maintain and operate the District's facilities at an optimal level and to protect our environment by collecting and treating wastewater, minimizing flooding, maintaining our waterways, and producing and beneficially reusing high quality biosolids in the most economical and environmentally sustainable manner.**

### Departmental Summary

M&O consists of four divisions. Three of the divisions, referred to as the Calumet Service Area, the North Service Area, and the Stickney Service Area, collectively maintain and operate the collection systems and treatment plants within the District's 882.1 square mile service area, serving a population of 5.19 million people. The Calumet and Stickney Service Areas are also responsible for the nine solids management areas. The fourth division, referred to as the General Division, maintains and operates the Lockport Powerhouse, Chicago Area Waterways, and the collection systems. The department's primary responsibilities include:

- Collecting and treating approximately 448.8 billion gallons of wastewater annually by operating seven water reclamation plants (WRPs), a 560-mile network of intercepting sewers, the Tunnel and Reservoir Plan's 110.4 miles of tunnels, and three reservoirs;
- Improving water quality in area waterways by maintaining and operating five sidestream elevated pool aeration stations and two instream aeration stations;
- Providing flood relief to Cook County by removing debris from 532 miles of small streams and rivers and maintaining 37 regional detention reservoirs;
- Processing high quality biosolids for beneficial reuse.

### Summary of 2024 Major Accomplishments

- Overcame numerous challenges to implement the new phosphorus removal process at the Calumet WRP. The process is necessary to meet the permit limit for phosphorus removal (1.0 mg/L), which became effective in 2024. This project is defined by its large scale and importance, especially with respect to permit compliance;
- Performed the rehabilitation that is essential for ensuring the reliability and efficiency of seven WRPs and their outlying facilities. An example of this is the replacement of gearboxes at the Sidestream Elevated Pool Aeration Stations in the Calumet Service Area, which will help ensure that the District continues to meet the Illinois Environmental Protection Agency's waterway dissolved oxygen requirements;
- Used the experience and expertise of staff from the Asset Management Section to prepare contracts for high-value, large-scale projects, such as HVAC improvements. An HVAC contract for the Calumet and Stickney Service Areas with an estimated cost of approximately \$19.0 million dollars is scheduled for award in December. A separate contract for the North Service Area with an estimated cost of approximately \$9.0 million dollars for the HVAC component is scheduled to be advertised in late 2024 and awarded in early 2025;
- Participated in a real-time reverse energy auction to procure natural gas. The auction was successfully conducted in June 2024 and resulted in a fixed unit price for a two-year period, which should result in lower annual expenditures;
- Coordinated with other departments to replace and upgrade cameras for the District police for improved security and surveillance;
- Converted the Kirie WRP's TARP control structure communications from radio to cellular. Cellular technology is a more secure and reliable method for notifying staff of important process codes and events, especially when working in the field;
- Began a multi-phase project to regrade the lagoons at the Calumet Solids Management Area, which are used for storing biosolids;
- Managed a project to rehabilitate the pavement at the Lawndale Avenue Solids Management Area, which had deteriorated from exposure to heavy truck traffic and the harsh operating environment. Maintaining critical infrastructure, like roads, contributes to the District's resiliency;
- Prepared to capitalize on favorable weather conditions and strong product demand to maximize the beneficial reuse of biosolids, a major element of the District's resource recovery plan;
- Expanded the online odor monitoring network at the Kirie WRP to include an area near a new residential neighborhood. Odor control is an essential component of the wastewater treatment process and positively influences community relations;
- Worked to fine tune the operation of the new West Side grit and primary tanks and fully decommission the Imhoff tanks at the Stickney WRP. District trades installed harmonic filters to mitigate the ferroresonance that can occur with highly efficient equipment and lead to equipment failure. Decommissioning the obsolete Imhoff tanks, once used for primary treatment, will assist with achieving the greenhouse gas reduction goals established in the Climate Action Plan;
- Continued to build an Asset Management Program that is sustainable, optimizes the life cycle of critical assets, and considers the long-term environmental and financial implications of all programs and projects. Major work involved testing and inspecting cranes, hoists, underground storage tanks, and cathodic protection systems, which are used to reduce the corrosion that develops on metal surfaces in harsh operating environments, installing chains, sprockets, and appurtenances

in preliminary and grit tanks for improved sludge, scum, and grit removal, installing gas monitoring equipment and maintaining building systems that are necessary for a safe, comfortable, and efficient workplace, and responding swiftly and effectively to unanticipated events;

- Relied on skilled trades to maintain the WRPs so that equipment and processes were compliant with regulations, reliable, and available when needed. Over the course of the year, a wide range of maintenance projects was undertaken, including rebuilding the centrifuges at the Stickney WRP that are essential to the production of biosolids that fully comply with land application regulations, applying an epoxy flooring system at the Lockport Powerhouse that is better suited to the industrial conditions of the powerhouse, renovating the locker room at the O'Brien WRP, completing the new Treatment Plant Operator lab at the Hanover Park WRP;
- Rehabilitated the Nicholas J. Melas Centennial Fountain, a Chicago landmark, that was built in 1989 to commemorate the 100th anniversary of the District. The fountain serves as a reminder of the District's longstanding environmental advocacy.

## 2025 Appropriation and Position Summary

The 2025 appropriation for the M&O Corporate Fund is \$293,291,900, an increase of \$11,111,200, or 3.9 percent, from 2024. The Corporate Fund staffing level has increased from 918 to 921 positions. The change is due to the addition of an Electrical Mechanic, an Electrical Operator II, a Pipefitter, and a Senior Engineer, offset by the scheduled drop of a vacant Laborer Foreman position. An additional 28 positions are funded in the Stormwater Management Fund. The total 2025 position count is 949, compared to the total 2024 position count of 946.

## 2025 Budget Highlights

The following budget highlights support the District's Strategic Plan Goal of Resource Management, defined as maintaining a high level of performance while fulfilling the District's core mission of protecting the public health and area waterways and pursuing opportunities to recover and reuse resources. The initiatives described below exemplify the District's goal of maintaining and operating its facilities and assets to provide that high level of service.

### **Maintain an exceptional level of compliance with NPDES permits in the face of more stringent regulatory requirements, aging infrastructure, changing weather patterns, and new demands for waterway activity**

- Continue the decades long tradition of outstanding permit compliance as recognized by the National Association of Clean Water Agencies. The goal remains 100 percent permit compliance at all seven WRPs;
- Initiate the renewal process for the Federal Energy Regulatory Commission license for the Lockport Powerhouse. The Federal Energy Regulatory Commission is an independent federal agency with a mission to regulate and oversee energy industries in the economic, environmental, and safety interests of the American public. Part of this mission involves promoting the development of a strong national energy infrastructure that includes hydropower, which is currently the leading renewable energy source in the United States. The Lockport Powerhouse is used to control the levels of the Chicago Area Waterway System and provides financial benefits from hydroelectric power generation. The water flowing through the facility creates an environmentally friendly hydroelectric energy source that is sold back to Commonwealth Edison.

### **Adhere to a rigorous asset management plan to maintain the District's facilities at levels sufficient to meet operational and permit requirements**

- Apply asset management best practices by focusing on proper maintenance, monitoring, and potential enhancements to avoid operational disruptions and decline. In 2025, funding is provided for the following preventative and predictive maintenance projects: rehabilitate raw sewage pump rotating assemblies, recondition process blower motors, clean, and calibrate power distribution equipment, tune and maintain boilers, inspect and service elevators and fire detection systems, and apply protective coatings to vital assets and equipment.

### **Prioritize resource recovery and reuse, the reduction of greenhouse gases, and the creation of a more sustainable environment**

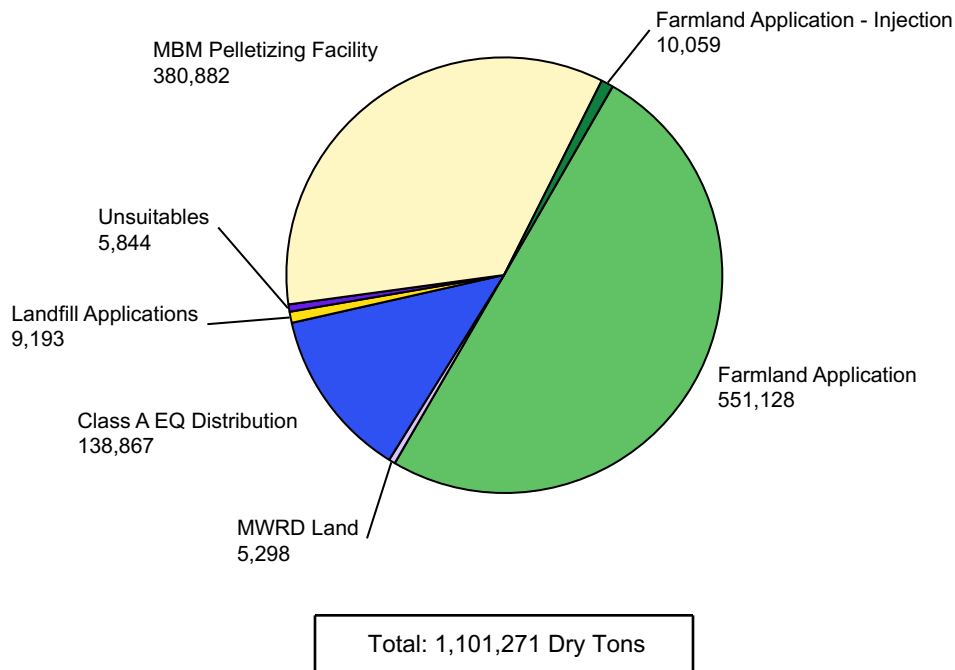
- Work with the Engineering and Monitoring & Research Departments to determine the optimal solutions for phosphorus removal at the WRPs as required by our NPDES permits. The Kirie and O'Brien WRPs will have phosphorus limits in 2026 and 2027, respectively, and the Egan and Hanover Park WRPs by 2031 at the earliest. The Stickney and Calumet WRPs became subject to a phosphorus limit in 2021 and 2024, respectively. The approaches for phosphorus removal - biological, physical, and chemical - are being evaluated, tested, and implemented based on each WRP's specific conditions and configurations. Future budgets will be closely monitored and adjusted to account for any increases in operational costs associated with the new permit requirements. Chemicals are a particular focus for the Calumet WRP as the phosphorus removal process is highly chemical intensive at this location;
- Continue to implement solutions that support the responsible use and protection of the environment. At the Stickney WRP, an enhanced biological phosphorus removal process, which is both sustainable and environmentally friendly, is the primary means of achieving the NPDES monthly average permit limit for total phosphorus. To assist and stabilize the mainstream biological process, a sidestream process that treats the nutrient-rich centrifuge centrate (the liquid fraction separated from the biosolids) is also used. During the sidestream operation, known as the Ostara Phosphorus Recovery process, chemicals

are added to precipitate the phosphorus and ammonia to form a “green” fertilizer that prevents the loss of phosphorus to nutrient runoff and leaching, a growing environmental concern. The Ostara process contributes to resource recovery and sound resource management, both of which are central to the District’s Strategic Plan;

- Allocate \$500,000 to purchase Renewable Energy Credits to mitigate indirect greenhouse gas emissions associated with purchased electrical energy. The Renewable Energy Credits, which are legal instruments used in renewable electrical energy markets to account for renewable energy, guarantee that the energy is provided from renewable sources that produce low- or zero-emissions. This and other options will undergo continual evaluation as the District’s plan to achieve energy neutrality is refined;
- Oversee a biosolids management and beneficial reuse program that is supported by science, research, and industry best practices. In all cases, the goal is to employ environmentally conscious means of recycling waste materials into beneficial use products.

Resource Management includes pursuing opportunities to recover and reuse resources. One of the District’s primary resources is biosolids, which are produced for reuse as a safe and environmentally friendly alternative to commercial fertilizer. The following chart illustrates how biosolids have been beneficially reused from 2014 through 2023.

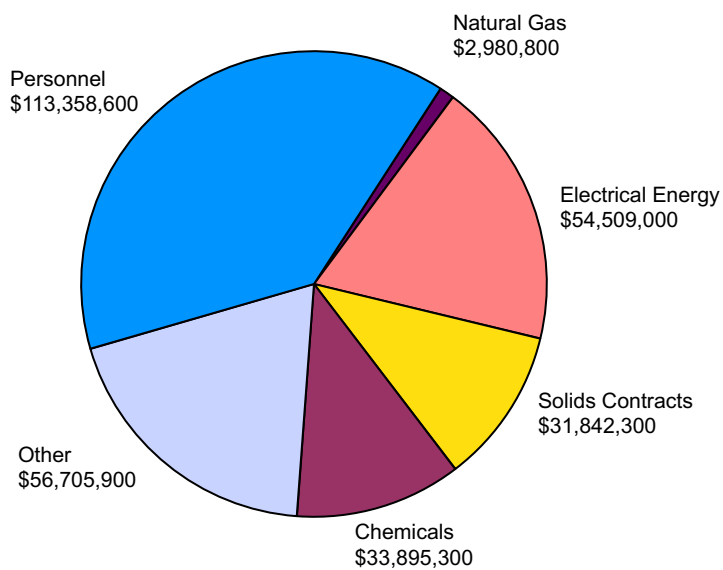
**Recover Resources: Biosolids Reuse (in Dry Tons)  
2014 - 2023**





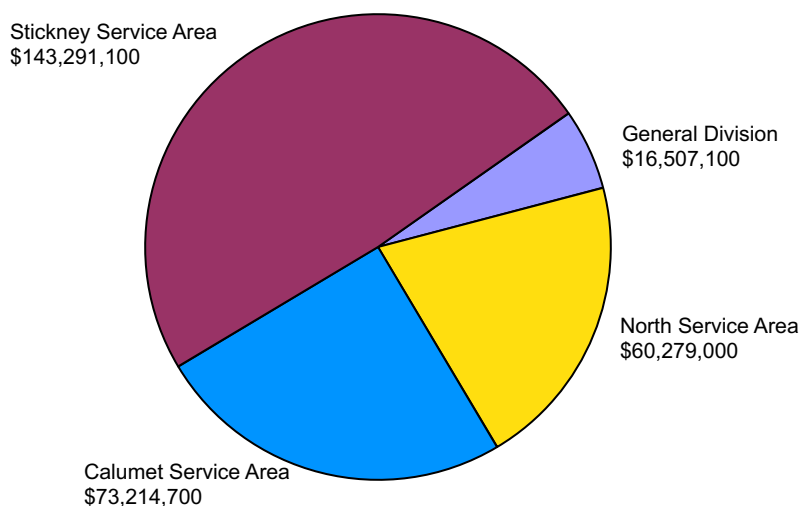
The two charts on this page, appropriations by major line item in 2025 and appropriations by service area in 2025, illustrate how and where the department's budget is allocated to achieve effective Resource Management.

### 2025 Appropriations by Major Line Item



M&O Budget = \$293,291,900

### 2025 Appropriations by Service Area



M&O Budget = \$293,291,900

The following budget highlights support the District's Strategic Plan Goal of Workforce Excellence, which expresses the principle that investing in the future means investing in employees. The initiatives described below demonstrate the department's understanding that employees are the foundation of the District's ongoing success.

**Cultivate an employee population that evolves with industry trends and strategic direction and is well prepared for advancement**

- Establish an optimum number of positions, budgeted, and filled, to maintain and operate District facilities at a high level, and to train, mentor, and prepare employees for future management positions. A workforce that combines current academic knowledge with institutional knowledge will be well positioned to overcome challenges and capitalize on opportunities, both internal and external;
- Encourage a collaborative working environment that searches for creative ways to introduce process improvements, reduce energy usage, protect the environment, and prioritize taxpayer interests.

The following budget highlights support the District's Strategic Plan Goal of Community Engagement. The initiatives shown below illustrate the District's determination to serve as a critical community asset, a responsive neighbor, and an inclusive business partner.

**Collaborate with similarly motivated agencies and organizations to advance the mission and goals of the District and work to improve the communities in which they operate**

- Participate in the Chicago Area Waterways watershed group, which will focus on meeting the goals and objectives of the Chloride Time-Limited Water Quality Standard, more commonly known as the Chloride Variance. The group will apply best management practices to reduce the use of chloride in the Chicago Area Waterways and develop action items based on the requirements in the Chloride Variance to ensure that the new requirements are implemented in a thorough and consistent manner;
- Maintain membership in the DuPage River Salt Creek Workgroup (DRSCW), a non-profit organization formed by local communities, water reclamation plants, and environmental organizations to address water quality issues at the watershed level. The watershed projects sponsored by the group are in the Salt Creek, and the East and West Branch DuPage River Watersheds, which are the receiving streams for the Egan and Hanover Park WRPs. Under an existing agreement with the DRSCW, the District is responsible for funding and managing one of the capital projects according to District standards and policies with the funding level determined by the million gallons per day of discharge from the two WRPs. The agreement benefits both the DRSCW and the District as the group's watershed projects are given priority over other construction projects and the District's deadline to meet the more stringent phosphorus limit requirements at the Egan and Hanover Park WRPs is extended while the projects are implemented and their impact on the watersheds is evaluated.

The following budget highlights support the District's Strategic Plan Goal of Enterprise Resilience. The initiatives described below reflect the District's dedication to making choices and decisions that strengthen the District's operational position, resulting in reliable, equitable, and cost-effective services.

**Streamline, automate, and improve internal processes**

- Optimize the ultraviolet disinfection process at the O'Brien WRP by installing devices that use ultrasound technology to inhibit the growth of algae, which can interfere with disinfection. Ultrasound technology is a reliable solution to algae control that requires little manual intervention. The technology has built-in checks in the form of sensors to test water conditions and send data to treatment plant operators who can remotely monitor changes and respond as needed;
- Update the controls of the Ostara reactors, which are the core of the Ostara nutrient recovery process at the Stickney WRP. The Ostara system has proven to help stabilize and enhance mainstream phosphorus removal. Another benefit of the system is its use of indirect drying technology which converts biosolids into an organic and high-value fertilizer and soil conditioner used by a variety of industries;
- Work with the Monitoring and Research Department to issue a request for proposal for a technology platform using real-time advanced analytics for aeration optimization at the O'Brien WRP. The aim of the project is to deploy a technology that will provide treatment plant operators with a dashboard visualizing near real-time data from aeration tanks to refine operations;
- Continue to maintain and upgrade the department's distributed control systems, which are vital to running a modern WRP. A distributed control system is an automated control system that is distributed throughout the WRP to provide commands to process equipment. Technology is a cornerstone of effective Resource Management and is essential to meeting environmental regulations and enhancing system quality and efficiency.

**Actively pursue opportunities for energy efficiencies and savings**

- Make decisions using a model that emphasizes energy efficiency, recovery, and conservation. Such informed decisions include purchasing energy at discounted rates at auction and participating in an energy curtailment program that pays participants for consuming less energy during peak loads. Since 1997, approximately \$21.6 million in revenue has been received;

- Participate in Commonwealth Edison’s Strategic Energy Management Program, which is a long-term energy efficiency program offered at no cost to customers. Hosted jointly with Cascade Energy, the program identifies energy-saving potential and outlines pathways to realize that potential through multiple initiatives. In addition to the cost savings that occur by trimming energy usage, Commonwealth Edison awards participants with incentive payments based on actual energy savings. Following the successful pilot programs at the Egan and Kirie WRPs, a similar study began at the O’Brien WRP in March 2024. Since that time, energy usage has declined by approximately 6.9 percent and energy costs of approximately \$125,000 have been avoided. The collaboration between the District and Cascade Energy is expected to continue producing measurable benefits;
- Continue to look towards the external, as well as the internal, environment for methods and practices to reduce energy costs. For example, the District recently renewed its membership in REACT, which is an acronym for Request Equitable Allocation of Costs Together. The REACT coalition was formed by members of NEU (Northern Illinois Energy Users), an ad hoc association of some of the largest industrial, commercial, and institutional energy users in the Chicago area. The coalition’s current mission is to ensure that members are not adversely impacted by ComEd’s new proposed rate structure, which was filed with the Illinois Commerce Commission in May 2024. As a member of REACT during ComEd’s prior commerce commission proceedings from 2008 to 2017, the District saved approximately \$3.76 million thanks to the coalition’s success in delaying and reducing proposed rate increases;
- Work towards achieving net energy neutrality using various strategies such as implementing efficiencies to reduce energy consumption and increasing the use of renewable energy, including the biogas that is produced in-house during the wastewater treatment process.

**Consider environmental costs when procuring equipment and services**

- Continue to support the District’s transportation electrification effort, which includes choosing electrical vehicles and mobile equipment where practicable;
- Continue to fund purpose-driven landscape projects to improve the environment, including native prairie landscaping. Funds are also provided in the budget for livestock grazing as an additional tool to promote environmentally oriented practices.

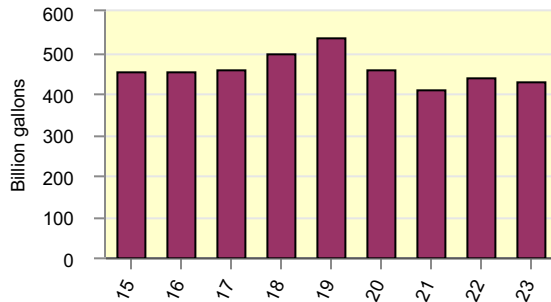
**60000 M&O - ALL DIVISIONS**

**OBJECTIVES AND PROGRAM SUMMARY**

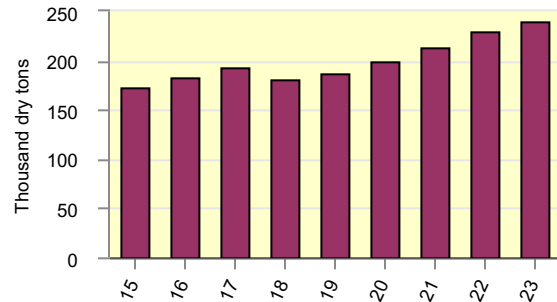
OBJECTIVES BY PRIORITY:	Cost	Percent
1. <b>COLLECTION &amp; TREATMENT:</b> The M&O Department will collect and treat approximately 448.8 billion gallons of wastewater through its seven treatment facilities and through a contract agreement with the Fox River Water Reclamation District.	\$ 174,067,769	59.3 %
2. <b>SOLIDS PROCESSING:</b> The M&O Department will remove and process approximately 241,000 dry tons of solids through various systems, including heated digestion, centrifuging, concentration, and aging low solids sludge and centrifuge cake in lagoons.	\$ 68,033,160	23.2 %
3. <b>SOLIDS UTILIZATION:</b> The M&O Department will beneficially utilize approximately 113,000 dry tons of biosolids for farmland application, District-funded green infrastructure projects, public works projects, highway authority projects, golf courses and parks, and other final utilization sites.	\$ 41,737,713	14.2 %
4. <b>FLOOD &amp; POLLUTION CONTROL:</b> The M&O Department, in cooperation with local communities, will strive to minimize local area flooding and pollution of Lake Michigan through continuous control of the water levels in 76.1 miles of canals and 532 miles of small streams and rivers, and through the operation of 37 detention reservoirs, of which 33 are dedicated solely to stormwater retention. It will also work to maintain the quality of the waterways system and associated District properties through the activities of the debris boats and the channel maintenance crews.	\$ 5,995,839	2.0 %
5. <b>GENERAL SUPPORT:</b> The M&O Department provides technical and administrative support for other departments indirectly related to the operational activities of Collection & Treatment, Solids Processing, Flood & Pollution Control, and Solids Utilization.	\$ 3,457,419	1.3 %
<b>Departmental Totals</b>	<b>\$ 293,291,900</b>	<b>100.0 %</b>

Note: The dry tons of solids processed (Objective 2) exceed the dry tons utilized (Objective 3) due to digestion, which reduces the mass of solids to produce a renewable digester gas, additional losses from further post-digestion processing, and storing or stockpiling solids at the lagoons and drying sites.

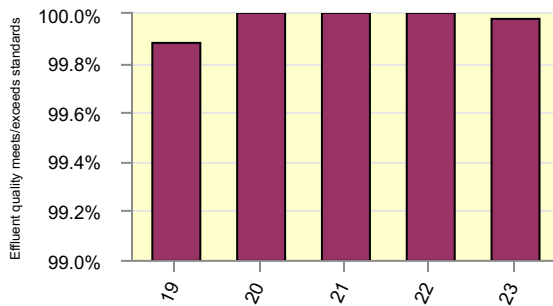
**Collection & Treatment**



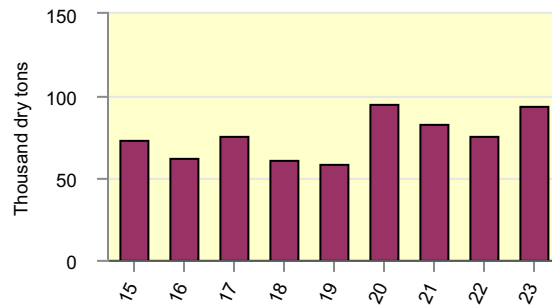
**Solids Processing**



**NPDES Permit Compliance**



**Solids Utilization**



**60000 M&O - ALL DIVISIONS**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change	
Number	Name	Actual	FTEs	Dollars	Dollars	Percent
1000	Collection	\$ 60,048,083	2025	269 \$ 70,201,506	\$ (637,916)	(0.9)
			2024	268 \$ 70,839,422		
1100	Surface Interceptor Systems	\$ 5,226,505	2025	30 \$ 5,033,400	\$ (6,000)	(0.1)
			2024	30 \$ 5,039,400		
1200	Tunnel and Reservoir System	\$ 16,087,082	2025	45 \$ 16,035,600	\$ (80,600)	(0.5)
			2024	45 \$ 16,116,200		
1300	Pumping Station Facilities	\$ 19,666,573	2025	91 \$ 27,265,100	\$ (288,800)	(1.0)
			2024	90 \$ 27,553,900		
1900	Collection - Indirect Costs	\$ 19,067,923	2025	103 \$ 21,867,406	\$ (262,516)	(1.2)
			2024	103 \$ 22,129,922		
2000	Treatment	\$ 87,206,106	2025	372 \$ 102,259,363	\$ (2,049,952)	(2.0)
			2024	371 \$ 104,309,315		
2000	Pre-Treatment	\$ 3,596,438	2025	30 \$ 4,756,700	\$ 257,600	5.7
			2024	30 \$ 4,499,100		
2100	Primary Treatment	\$ 3,598,596	2025	31 \$ 3,466,100	\$ (245,800)	(6.6)
			2024	31 \$ 3,711,900		
2200	Secondary Treatment	\$ 33,383,805	2025	98 \$ 42,186,700	\$ 991,500	2.4
			2024	97 \$ 41,195,200		
2300	Tertiary Treatment	\$ 4,687,269	2025	18 \$ 6,138,300	\$ (63,600)	(1.0)
			2024	18 \$ 6,201,900		
2900	Treatment - Indirect Costs	\$ 41,939,998	2025	195 \$ 45,711,563	\$ (2,989,652)	(6.1)
			2024	195 \$ 48,701,215		
3000	Solids Processing	\$ 46,299,468	2025	205 \$ 68,033,160	\$ 4,101,309	6.4
			2024	205 \$ 63,931,851		
3100	Thickening	\$ 8,260,143	2025	38 \$ 9,143,800	\$ 1,024,800	12.6
			2024	38 \$ 8,119,000		
3200	Stabilization	\$ 7,108,479	2025	50 \$ 8,348,700	\$ 84,100	1.0
			2024	50 \$ 8,264,600		
3300	Dewatering	\$ 16,234,622	2025	50 \$ 34,410,800	\$ 2,615,700	8.2
			2024	50 \$ 31,795,100		
3900	Solids Processing - Indirect Costs	\$ 14,696,224	2025	67 \$ 16,129,860	\$ 376,709	2.4
			2024	67 \$ 15,753,151		

Note: Explanations of significant changes are provided by individual division.

**60000 M&O - ALL DIVISIONS**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change	
Number	Name	Actual	FTEs	Dollars	Dollars	Percent
4000	Flood & Pollution Control	\$ 5,661,257	2025 22	\$ 5,995,839	\$ 296,930	5.2
			2024 21	\$ 5,698,909		
4200	Waterways Control and Stormwater Reservoirs	\$ 2,985,703	2025 21	\$ 3,021,900	\$ (1,700)	(0.1)
			2024 20	\$ 3,023,600		
4210	Maintenance of Waterways	\$ 46,881	2025 —	\$ 574,500	\$ 67,500	13.3
			2024 —	\$ 507,000		
4400	Aeration Facilities	\$ 1,557,098	2025 1	\$ 1,192,400	\$ 124,000	11.6
			2024 1	\$ 1,068,400		
4900	Flood & Pollution Control - Indirect Costs	\$ 1,070,965	2025 —	\$ 1,207,039	\$ 107,130	9.7
			2024 —	\$ 1,099,909		
5000	Solids Utilization	\$ 28,449,498	2025 40	\$ 41,737,713	\$ 9,156,363	28.1
			2024 40	\$ 32,581,350		
5100	Solids Drying	\$ 7,256,039	2025 10	\$ 9,190,400	\$ 1,115,700	13.8
			2024 10	\$ 8,074,700		
5200	Solids Distribution	\$ 15,012,221	2025 9	\$ 25,675,500	\$ 8,659,800	50.9
			2024 9	\$ 17,015,700		
5900	Solids Utilization - Indirect Costs	\$ 6,181,238	2025 21	\$ 6,871,813	\$ (619,137)	(8.3)
			2024 21	\$ 7,490,950		
7000	General Support (excludes program number 7604)	\$ 3,776,918	2025 13	\$ 3,457,419	\$ 210,266	6.5
			2024 13	\$ 3,247,153		
7604	Social Security and Medicare Contributions	\$ 1,433,357	2025 —	\$ 1,606,900	\$ 34,200	2.2
			2024 —	\$ 1,572,700		
Departmental Totals		\$ 232,874,687	2025 921	\$ 293,291,900	\$11,111,200	3.9 % *
			2024 918	\$ 282,180,700		

\* The 2025 position total for the M&O Department is 949, which includes 28 positions funded by the Stormwater Management Fund.

Note: Explanations of significant changes are provided by individual division.

**60000 M&O - ALL DIVISIONS**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023	2024	2025
			Actual	Budgeted	Estimated
1000-2900	Collection & Treatment				
	Collect and Treat Wastewater at Seven Treatment Facilities and Through a Contract Agreement with the Fox River Water Reclamation District	Mil. Gallons	429,721	449,750	448,750
		Cost	\$ 147,254,189	\$ 175,148,737	\$ 172,460,869
		Cost/Mil. Gallons	\$ 342.67	\$ 389.44	\$ 384.31
3000	Solids Processing				
	Remove and Process Solids Using Various Systems, Including Heated Digestion, Centrifuging, Concentration, and Aging Low Solids Sludge and Centrifuge Cake in Lagoons	Dry Tons	240,514	201,000	241,000
		Cost	\$ 46,299,468	\$ 63,931,851	\$ 68,033,160
		Cost/Dry Ton	\$ 192.50	\$ 318.07	\$ 282.30
4000	Flood & Pollution Control				
	Operation and Maintenance of the Waterways to Minimize Area Flooding and Pollution				
4200	Minimize Area Flooding and Pollution of Lake Michigan Through the Continuous Control of Water Levels in Major Rivers and Canals	Cost	\$ 1,007,723	\$ 1,035,100	\$ 1,070,100
	Generate Electrical Energy at Lockport Powerhouse to Obtain Approximately \$1.3 million in Revenue	kWh	—	24,820,900	32,400,000
		Cost	\$ 714,699	\$ 929,800	\$ 831,000
		Cost/kWh	\$ —	\$ 0.0375	\$ 0.0256
		* Revenue Generated	\$ 645,618	\$ 825,000	\$ 1,329,000
	Minimize Diversion of Lake Michigan Water in Accordance with the U.S. Supreme Court Decree	Mil. Gal./Year Diversion	42,644	60,152	60,152
		Cost	\$ 441,409	\$ 451,600	\$ 480,400
		Cost/Mil. Gal./Year	\$ 10.35	\$ 7.51	\$ 7.99
	Operation of Detention Reservoirs	Reservoirs	36	36	37
		Cost	\$ 667,355	\$ 607,100	\$ 640,400
		Cost/Reservoir	\$ 18,537.64	\$ 16,863.89	\$ 17,308.11
4210	Maintenance of the Waterways and Canal Banks Within the Jurisdiction of the District. Activities Include Debris Removal, Insect and Rodent Control, Bridge Repairs, and Aeration Costs.	Cost	\$ 201,398	\$ 507,000	\$ 574,500
4400	Aeration Facilities	Cost	\$ 1,557,098	\$ 1,068,400	\$ 1,192,400
4900	Flood & Pollution Control - Indirect Costs	Cost	\$ 1,070,965	\$ 1,099,909	\$ 1,207,039
5000	Solids Utilization				
	Utilize Biosolids for Farmland Application, District-Funded Green Infrastructure Projects, Public Works Projects, Highway Authority Projects, Golf Courses and Parks, and Other Final Utilization Sites	Dry Tons	93,488	83,500	113,000
		Cost	\$ 23,895,335	\$ 25,698,350	\$ 34,761,413
		Cost/Dry Ton	\$ 255.60	\$ 307.76	\$ 307.62
5271	Pelletizer Disposal	Dry Tons	33,453	43,000	42,000
	Control Management and Disposal of Solids by Private Contracts	Cost	\$ 4,554,163	\$ 6,883,000	\$ 6,976,300
		Cost/Dry Ton	\$ 136.14	\$ 160.07	\$ 166.10
7000	General Support (excludes program number 7604)				
	Technical and Administrative Support for Other Departments' Activities Indirectly Related to the Operational Activities of Collection & Treatment, Solids Processing, Flood & Pollution Control, and Solids Utilization	Cost	\$ 3,776,918	\$ 3,247,153	\$ 3,457,419
7604	Social Security and Medicare Contributions	Cost	\$ 1,433,357	\$ 1,572,700	\$ 1,606,900
	Departmental Totals		\$ 232,874,687	\$ 282,180,700	\$ 293,291,900

Note: Explanations of significant changes are provided by individual division.

\* Revenue generated not included in total costs.

Account Number	Fund: Corporate Department: Maintenance & Operations Division: All Divisions	LINE ITEM ANALYSIS						
		2023	2024				2025	
		Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 97,509,123	\$ 102,893,800	\$ 102,848,000	\$ 74,630,026	\$ 98,206,300	\$ 104,838,000	\$ —
601060	Compensation Plan Adjustments	4,915,527	5,183,600	5,183,600	3,297,784	4,412,900	6,908,700	—
601070	Social Security and Medicare Contributions	1,433,357	1,572,700	1,572,700	1,152,235	1,495,000	1,606,900	—
601080	Salaries of Nonbudgeted Employees	115,628	5,000	50,800	28,606	28,700	5,000	—
601100	Tuition and Training Payments	103,785	317,700	317,700	124,856	184,400	252,700	—
100	TOTAL PERSONAL SERVICES	104,077,420	109,972,800	109,972,800	79,233,507	104,327,300	113,611,300	—
612010	Travel	8,069	24,900	24,900	6,153	17,400	24,200	—
612030	Meals and Lodging	49,871	83,100	83,100	47,047	69,200	83,800	—
612050	Compensation for Personally-Owned Automobiles	100,788	108,000	108,000	71,051	85,200	105,500	—
612080	Motor Vehicle Operating Services	308	1,800	1,800	453	1,000	1,600	—
612150	Electrical Energy	49,362,730	55,209,100	54,950,500	42,278,619	56,434,900	54,509,000	—
612160	Natural Gas	2,167,265	3,869,900	3,169,900	966,009	2,727,900	2,980,800	—
612170	Water and Water Services	1,672,404	2,208,100	1,908,100	871,507	1,803,100	1,960,700	—
612240	Testing and Inspection Services	60,288	421,600	421,600	370,583	206,700	354,900	—
612330	Rental Charges	150,927	159,400	438,000	431,552	370,000	183,300	—
612410	Governmental Service Charges	4,649,306	5,042,700	5,042,700	4,095,181	5,053,400	5,042,500	—
612420	Maintenance of Grounds and Pavements	1,723,697	2,104,600	1,704,600	1,615,366	1,314,800	2,137,300	—
612430	Payments for Professional Services	67,486	334,900	134,900	134,294	94,900	228,500	—
612490	Contractual Services, N.O.C.	672,877	1,228,100	898,100	868,523	664,300	931,100	—
612520	Waste Material Disposal Charges	15,804,341	15,991,200	19,589,800	19,318,460	18,888,900	25,822,300	—
612530	Farming Services	19,405	75,000	75,000	75,000	75,000	120,000	—
612590	Sludge Disposal	3,554,243	5,800,000	5,200,000	5,200,000	3,200,000	5,900,000	—
612600	Repairs to Collection Facilities	4,451,668	7,279,100	6,610,500	6,021,877	4,733,700	7,057,900	—
612620	Repairs to Waterway Facilities	161,744	482,100	482,100	447,030	270,400	612,700	—
612650	Repairs to Process Facilities	12,185,354	14,936,100	14,846,100	14,689,477	11,732,700	13,011,300	—
612670	Repairs to Railroads	93,150	536,000	496,000	467,266	450,400	396,000	—
612680	Repairs to Buildings	1,464,596	2,503,000	2,258,000	2,155,298	1,732,100	2,721,700	—
612760	Repairs to Material Handling and Farming Equipment	436,101	351,000	356,000	353,587	320,700	356,000	—
612780	Safety Repairs and Services	354,546	389,600	389,600	362,258	341,900	496,900	—
612820	Computer Software Maintenance	9,975	60,500	10,500	10,473	10,500	10,600	—
612860	Repairs to Vehicle Equipment	156,959	134,600	134,600	129,642	110,800	150,800	—



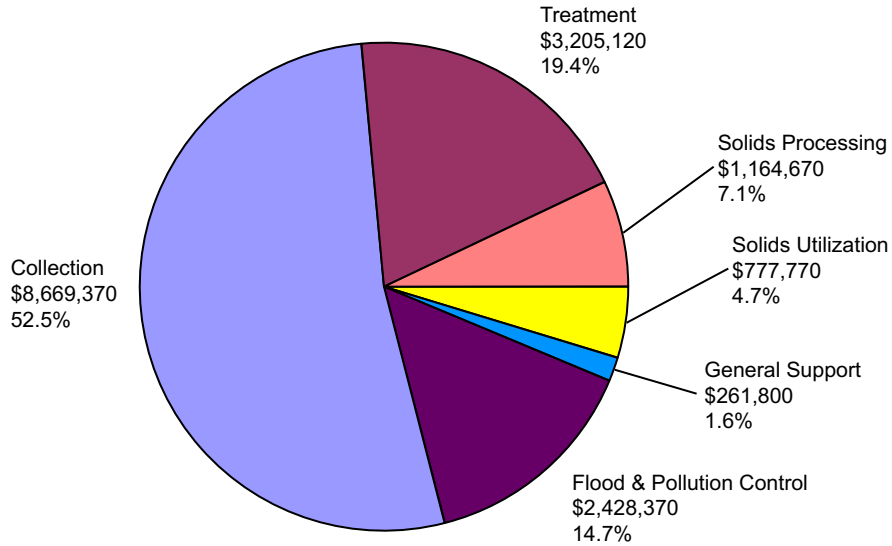
101 60000	Fund: Corporate Department: Maintenance & Operations Division: All Divisions	LINE ITEM ANALYSIS						
		2023	2024			2025		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
612990	Repairs, N.O.C.	7,138	30,200	30,200	17,847	9,000	30,200	—
200	TOTAL CONTRACTUAL SERVICES	99,385,236	119,364,600	119,364,600	101,004,553	110,718,900	125,229,600	—
623030	Metals	28,245	47,600	47,600	44,865	29,100	47,600	—
623070	Electrical Parts and Supplies	3,785,737	5,371,400	6,121,400	5,486,940	5,469,200	5,788,200	—
623090	Plumbing Accessories and Supplies	966,496	1,285,000	1,570,000	1,270,807	1,445,300	1,475,400	—
623110	Hardware	1,292	12,000	12,000	7,050	10,700	9,000	—
623130	Buildings, Grounds, Paving Materials, and Supplies	174,417	281,400	281,400	249,392	197,200	285,300	—
623170	Fiber, Paper, and Insulation Materials	4,237	5,500	5,500	5,500	3,000	7,000	—
623190	Paints, Solvents, and Related Materials	15,261	13,300	13,300	10,101	9,700	12,300	—
623250	Vehicle Parts and Supplies	169,274	227,900	227,900	211,625	183,000	255,400	—
623270	Mechanical Repair Parts	4,417,172	6,272,600	6,772,600	6,257,285	5,933,700	6,354,100	—
623300	Manhole Materials	68,827	140,000	140,000	140,000	135,000	50,000	—
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	58,912	110,500	110,500	86,770	102,900	117,500	—
623530	Farming Supplies	3,880	4,000	4,000	3,960	4,000	4,000	—
623560	Processing Chemicals	15,518,328	31,011,000	28,228,000	27,155,689	25,606,400	33,895,300	—
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	42,736	78,500	78,500	76,654	76,600	76,500	—
623660	Cleaning Supplies	4,823	6,700	6,700	5,684	4,800	6,700	—
623680	Tools and Supplies	306,569	343,300	391,300	320,785	360,800	345,600	—
623700	Wearing Apparel	2,732	4,500	4,500	1,637	3,500	4,500	—
623780	Safety and Medical Supplies	37,041	49,700	60,700	49,161	44,300	51,300	—
623800	Computer Software	12,922	49,500	49,500	6,032	14,000	40,500	—
623810	Computer Supplies	34,426	47,900	47,900	45,353	40,100	41,900	—
623820	Fuel	348,874	519,800	519,800	508,040	459,100	491,800	—
623840	Gases	—	3,600	3,600	3,600	2,500	6,600	—
623850	Communications Supplies	24,580	20,000	20,000	19,990	20,000	20,000	—
623860	Lubricants	33,182	42,200	42,200	28,167	41,400	42,200	—
623990	Materials and Supplies, N.O.C.	90,163	148,000	147,000	110,574	115,100	157,500	—
300	TOTAL MATERIALS AND SUPPLIES	26,150,126	46,095,900	44,905,900	42,105,661	40,311,400	49,586,200	—
634600	Equipment for Collection Facilities	30,055	45,000	45,000	44,858	39,800	45,000	—
634650	Equipment for Process Facilities	1,106,061	2,892,100	2,886,100	2,781,187	1,455,100	3,079,500	—
634760	Material Handling and Farming Equipment	1,652,460	2,208,000	2,222,600	2,221,035	1,646,500	1,238,400	—

101 60000	Fund: Corporate Department: Maintenance & Operations Division: All Divisions	LINE ITEM ANALYSIS						
		2023	2024			2025		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
634860	Vehicle Equipment	98,401	1,176,300	1,227,900	1,211,461	1,205,800	320,000	—
634990	Machinery and Equipment, N.O.C.	374,927	426,000	705,800	695,701	688,500	181,900	—
400	TOTAL MACHINERY AND EQUIPMENT	3,261,904	6,747,400	7,087,400	6,954,242	5,035,700	4,864,800	—
TOTAL MAINTENANCE & OPERATIONS		\$232,874,686	\$ 282,180,700	\$ 281,330,700	\$ 229,297,963	\$260,393,300	\$ 293,291,900	\$ —

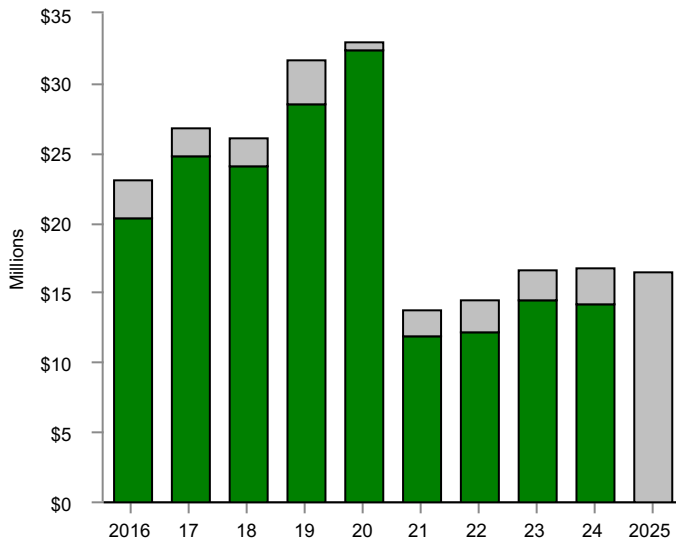
NOTES: 1. Amounts may not add up due to rounding.  
 2. Departmental appropriation totals for salaries in the Line Item Analysis may differ from those contained in the Position Analysis by a factor identified to adjust for vacancies.  
 Additionally, Estimated Expenditure may either exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.  
 3. For the M&O Department, Expenditure (Committed Budget plus Disbursement) may exceed Adjusted Appropriation for a specific division as funding is controlled at the M&O Overall department-level.

# MAINTENANCE & OPERATIONS - GENERAL DIVISION PROGRAMS

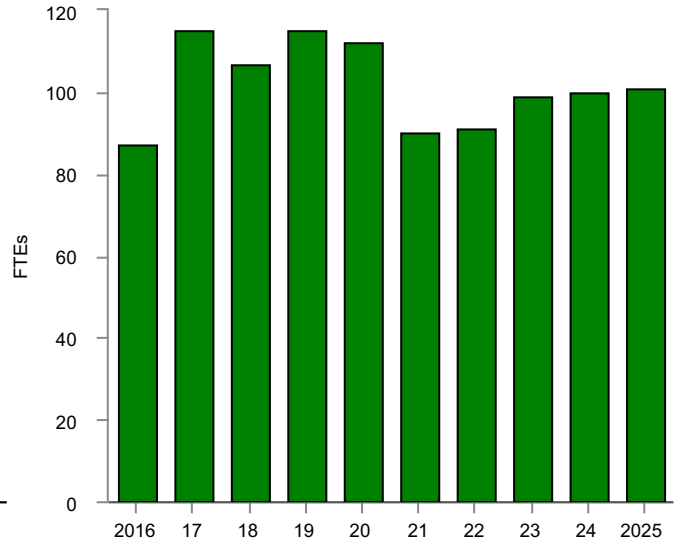
2025	\$16,507,100
2024	\$16,733,600
Decrease	(\$226,500)



## APPROPRIATIONS & EXPENDITURES



## BUDGETED FTE POSITIONS



2024 Expenditures are estimated

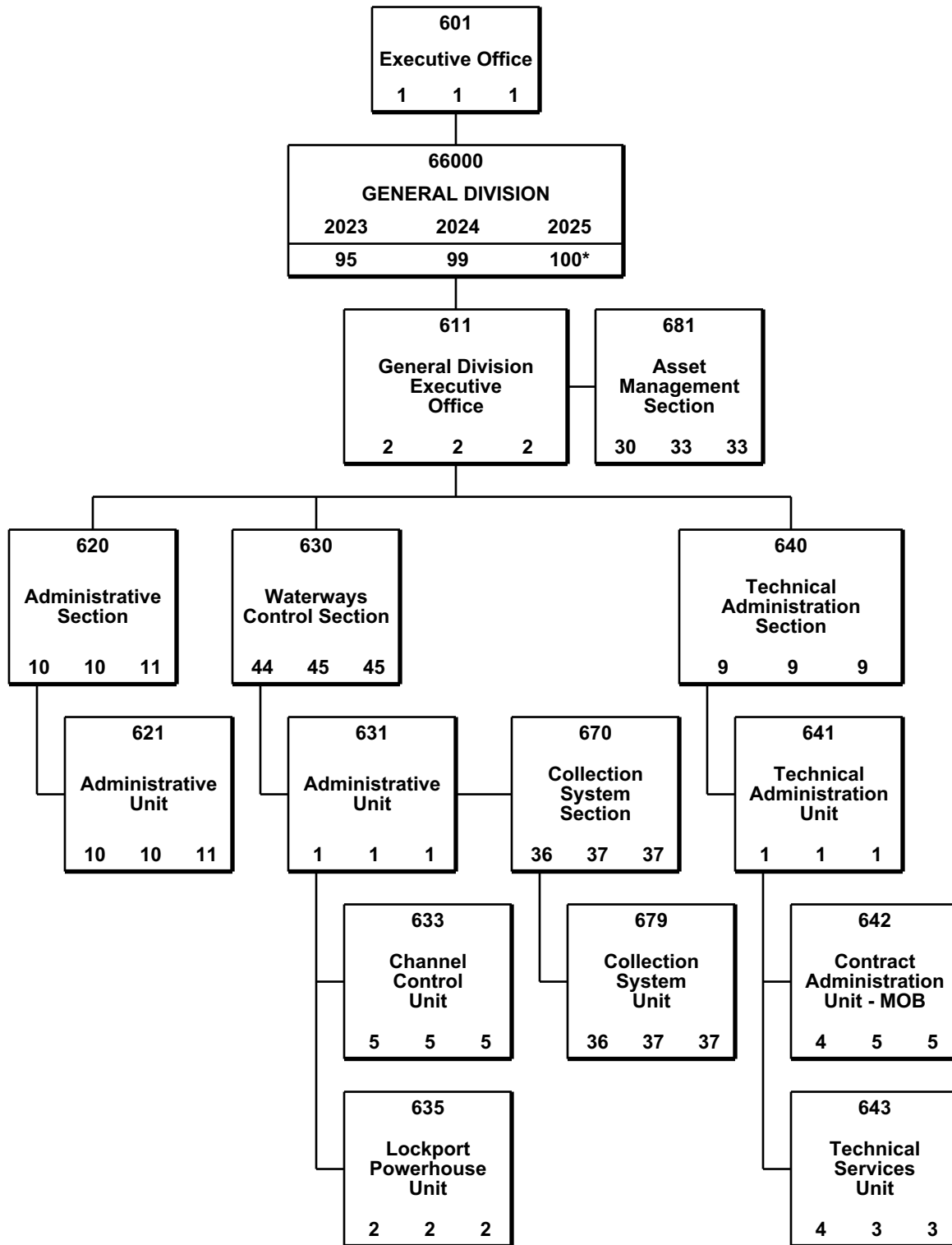
**EXPENDITURES**

**APPROPRIATIONS**

**2017** - Increase is due to the transfer of various positions to the Asset Management Section.  
**2021** - Decrease is due to the transfer of the Site Remediation Section to the Law Department and the Solids Management Section to the Calumet and Stickney Service Areas.  
**2023** - Increase is due to the transfer of various Budget and Management Analyst positions to the General Division.

**2017** - Increase is due to the transfer of various positions to the Asset Management Section.  
**2019** - Increase is due to the transfer of the Biosolids Processing Facility (Pelletizer) from the Stickney Service Area.  
**2021** - Decrease is due to the transfer of the Site Remediation Section to the Law Department and the Solids Management Section to the Calumet and Stickney Service Areas.

# MAINTENANCE & OPERATIONS - GENERAL DIVISION



\* In 2025, 19 positions in the General Division are funded by the Stormwater Management Fund while the operations remain in the Maintenance & Operations Department: two in Unit 634, six in Unit 636, five in Unit 639, and six in Unit 679.

**66000 M&O - GENERAL DIVISION**

**OBJECTIVES AND PROGRAM SUMMARY**

OBJECTIVES BY PRIORITY:	Cost	Percent
1. <b>COLLECTION &amp; TREATMENT:</b> The General Division provides technical and administrative support to the Maintenance & Operations Department's seven treatment facilities. It provides management and coordination of the collection system related activities.	\$ 11,874,490	71.9 %
2. <b>SOLIDS PROCESSING:</b> The General Division provides administrative support for the removal and processing of solids through various systems, including heated digestion, centrifuging, air drying, and conditioning of low solids sludge and centrifuge cake in lagoons.	\$ 1,164,670	7.1 %
3. <b>SOLIDS UTILIZATION:</b> The General Division provides administrative support for management and coordination of biosolids processing and utilization of District-wide activities.	\$ 777,770	4.7 %
4. <b>FLOOD &amp; POLLUTION CONTROL:</b> The Waterways Control Section minimizes flooding and pollution of Lake Michigan through continuous control of the water levels of major rivers and canals, while limiting diversion of water from the lake in accordance with the U.S. Supreme Court Decree of 1967. In addition, the Waterways Control Section operates the Lockport Powerhouse and will generate an estimated 32 million kWh of electrical energy resulting in approximately \$1.3 million in revenue.	\$ 2,428,370	14.7 %
5. <b>GENERAL SUPPORT:</b> The General Division provides technical and administrative support for other departments not directly related to the operational activities of Collection & Treatment, Solids Processing, Solids Utilization, and Flood & Pollution Control.	\$ 261,800	1.6 %
<b>Division Totals</b>	<b>\$ 16,507,100</b>	<b>100.0 %</b>

**66000 M&O - GENERAL DIVISION**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change		
Number	Name	Actual	FTEs	Dollars	Dollars	Percent	
1000	Collection	\$ 7,294,158	2025	54 \$ 8,669,370	\$ (562,900)	(6.1)	
			2024	54 \$ 9,232,270			
1100	Surface Interceptor Systems	\$ 4,012,724	2025	23 \$ 3,851,400	\$ (50,500)	(1.3)	
			2024	23 \$ 3,901,900			
1200	Tunnel and Reservoir System	\$ 638,790	2025	7 \$ 928,100	\$ (188,300)	(16.9)	a)
			2024	7 \$ 1,116,400			
1300	Pumping Station Facilities	\$ 607,489	2025	6 \$ 711,000	\$ (4,900)	(0.7)	
			2024	6 \$ 715,900			
1900	Collection - Indirect Costs	\$ 2,035,155	2025	18 \$ 3,178,870	\$ (319,200)	(9.1)	b)
			2024	18 \$ 3,498,070			
2000	Treatment	\$ 3,106,280	2025	21 \$ 3,013,220	\$ 116,000	4.0	
			2024	20 \$ 2,897,220			
2000	Pre-Treatment	\$ 150,073	2025	1 \$ 130,200	\$ (1,000)	(0.8)	
			2024	1 \$ 131,200			
2100	Primary Treatment	\$ 131,354	2025	1 \$ 143,900	\$ 1,600	1.1	
			2024	1 \$ 142,300			
2200	Secondary Treatment	\$ 537,367	2025	4 \$ 465,000	\$ 8,500	1.9	
			2024	4 \$ 456,500			
2300	Tertiary Treatment	\$ 24,898	2025	1 \$ 85,000	\$ (300)	(0.4)	
			2024	1 \$ 85,300			
2900	Treatment - Indirect Costs	\$ 2,262,588	2025	14 \$ 2,189,120	\$ 107,200	5.1	
			2024	13 \$ 2,081,920			
3000	Solids Processing	\$ 1,201,716	2025	9 \$ 1,164,670	\$ (6,700)	(0.6)	
			2024	9 \$ 1,171,370			
3100	Thickening	\$ 171,007	2025	1 \$ 111,000	\$ 3,200	3.0	
			2024	1 \$ 107,800			
3200	Stabilization	\$ 70,877	2025	1 \$ 83,700	\$ 1,900	2.3	
			2024	1 \$ 81,800			

a) Decrease is due to reduced need for TARP Hydraulic Cylinders Job Order Contract (\$130,000).  
 b) Decrease is due to reduced need for Utility Locating Marking Services (\$330,000).

**66000 M&O - GENERAL DIVISION**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change		
Number	Name	Actual	FTEs	Dollars	Dollars	Percent	
3300	Dewatering	\$ 39,101	2025	1 \$ 92,700	\$ (4,700)	(4.8)	
			2024	1 \$ 97,400			
3900	Solids Processing - Indirect Costs	\$ 920,731	2025	6 \$ 877,270	\$ (7,100)	(0.8)	
			2024	6 \$ 884,370			
4000	Flood & Pollution Control	\$ 1,929,498	2025	10 \$ 2,428,370	\$ 241,100	11.0	
			2024	10 \$ 2,187,270			
4200	Waterways Control and Stormwater Reservoirs	\$ 1,543,045	2025	10 \$ 1,849,600	\$ 200,400	12.2	c)
			2024	10 \$ 1,649,200			
4210	Maintenance of Waterways	\$ 46,881	2025	— \$ 326,700	\$ 50,900	18.5	d)
			2024	— \$ 275,800			
4400	Aeration Facilities	\$ 159,485	2025	— \$ 66,100	\$ 25,400	62.4	e)
			2024	— \$ 40,700			
4900	Flood & Pollution Control - Indirect Costs	\$ 179,477	2025	— \$ 185,970	\$ (35,600)	(16.1)	f)
			2024	— \$ 221,570			
5000	Solids Utilization	\$ 523,651	2025	5 \$ 777,770	\$ 2,600	0.3	
			2024	5 \$ 775,170			
5900	Solids Utilization - Indirect Costs	\$ 523,651	2025	5 \$ 777,770	\$ 2,600	0.3	
			2024	5 \$ 775,170			
7000	General Support (excludes program number 7604)	\$ 236,615	2025	2 \$ 261,800	\$ (22,300)	(7.8)	
			2024	2 \$ 284,100			
7604	Social Security and Medicare Contributions	\$ 161,296	2025	— \$ 191,900	\$ 5,700	3.1	
			2024	— \$ 186,200			
Division Totals		\$14,453,214	2025	101 \$ 16,507,100	\$ (226,500)	(1.4)%	*
			2024	100 \$ 16,733,600			

c) Increase is due to renewal of the Lockport Powerhouse Federal Energy Regulatory Commission Permit (\$75,000).  
d) Increase is due to increased cost for the expansion joint replacement at the Main Street Bridge (\$50,000).  
e) Increase is due to the SEPA 4 Ceiling Repair Job Order Contract (\$25,000).  
f) Decrease is due to reduced cost of Contract Lifecycle Management RFP (\$25,000).

\* The 2025 position total for the General Division is 101, with 19 positions budgeted in the Stormwater Management Fund.

**66000 M&O - GENERAL DIVISION**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated	
1000-2900	Collection & Treatment					
	Technical and Administrative Support for Collection and Treatment Activities	Cost	\$ 10,400,438	\$ 12,129,490	\$ 11,682,590	a)
3000	Solids Processing					
	Technical and Administrative Support for Solids Removal and Processing	Cost	\$ 1,201,716	\$ 1,171,370	\$ 1,164,670	
4000	Flood & Pollution Control					
4200	Operation and Maintenance of the Waterways to Minimize Area Flooding and Pollution	Cost	\$ 1,007,723	\$ 1,035,100	\$ 1,070,100	
	Generate Electrical Energy at Lockport Powerhouse to Obtain Approximately \$1.3 million in Revenue	kWh	—	24,820,900	32,400,000	b)
		Cost	\$ 185,303	\$ 235,400	\$ 377,600	c)
		Cost/kWh	\$ —	\$ 0.0095	\$ 0.0117	c)
		* Revenue Generated	\$ 645,618	\$ 825,000	\$ 1,329,000	d)
	Minimize Diversion of Lake Michigan Water in Accordance with the U.S. Supreme Court Decree	Mil. Gal./Year	42,644	60,152	60,152	
		Cost	\$ 350,019	\$ 378,700	\$ 401,900	
		Cost/Mil. Gal./Year	\$ 8.21	\$ 6.30	\$ 6.68	
4210	Maintenance of the Waterways and Canal Banks Within the Jurisdiction of the District. Activities Include Debris Removal, Insect and Rodent Control, Bridge Repairs, and Aeration Costs	Cost	\$ 46,881	\$ 275,800	\$ 326,700	e)
4400	Aeration Facilities	Cost	\$ 159,485	\$ 40,700	\$ 66,100	f)
4900	Flood & Pollution Control - Indirect Costs	Cost	\$ 179,477	\$ 221,570	\$ 185,970	g)
5000	Solids Utilization					
	Technical and Administrative Support for the Management and Coordination of the Solids Utilization Program	Cost	\$ 523,651	\$ 775,170	\$ 777,770	

a) Decrease is due to reduced need for Utility Locating Marking Services (\$330,000) and the TARP Hydraulic Cylinders Job Order Contract (\$130,000).

b) Increase is due to the assumption that generator outages at the Lockport Powerhouse will be resolved in 2025.

c) Increase is due to the need for the Lockport Powerhouse Federal Energy Regulatory Commission Permit Renewal (\$75,000), the Emerson Cybersecurity Assessment (35,000), and Tech Support for the Lockport Power House Generator (9,900).

d) 2023 Actual revenue is based on sales of renewable energy credits. The Lockport Powerhouse did not generate any kWh in 2023 due to generator outages.

e) Increase is due to increased cost for the expansion joint replacement at the Main Street Bridge (\$50,000).

f) Increase is due to the need for the SEPA 4 Ceiling Repair Job Order Contract (\$25,000).

g) Decrease is due to reduced cost of Contract Lifecycle Management RFP (\$25,000).



**66000 M&O - GENERAL DIVISION**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated
7000	General Support (excludes program number 7604)				
	Technical and Administrative Support for Other Departments' Activities Indirectly Related to the Operational Activities of Collection & Treatment, Solids Processing, Flood & Pollution Control, and Solids Utilization	Cost	\$ 236,615	\$ 284,100	\$ 261,800
7604	Social Security and Medicare Contributions	Cost	\$ 161,296	\$ 186,200	\$ 191,900
	Division Totals		\$ 14,453,214	\$ 16,733,600	\$ 16,507,100

\* Revenue generated not included in total costs.

Account Number	Account Name	LINE ITEM ANALYSIS								
		Fund: Corporate		2023		2024			2025	
		Department: Maintenance & Operations		Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
	Division: General									
601010	Salaries of Regular Employees	\$ 11,178,270	\$ 12,237,500	\$ 12,237,500	\$ 8,636,252	\$ 11,335,600	\$ 12,456,100	\$ —		
601060	Compensation Plan Adjustments	320,347	427,200	427,200	177,588	186,300	562,900	—		
601070	Social Security and Medicare Contributions	161,296	186,200	186,200	130,132	169,000	191,900	—		
601080	Salaries of Nonbudgeted Employees	5,226	—	—	—	—	—	—		
601100	Tuition and Training Payments	23,825	32,200	32,200	13,564	28,400	39,500	—		
100	TOTAL PERSONAL SERVICES	11,688,964	12,883,100	12,883,100	8,957,536	11,719,300	13,250,400	—		
612010	Travel	405	500	600	590	600	4,500	—		
612030	Meals and Lodging	1,857	4,300	6,400	6,115	6,200	8,300	—		
612050	Compensation for Personally-Owned Automobiles	4,880	8,000	8,000	2,903	5,000	5,500	—		
612080	Motor Vehicle Operating Services	40	500	500	260	300	300	—		
612150	Electrical Energy	102,384	28,000	54,000	46,540	62,000	58,000	—		
612160	Natural Gas	4,627	6,900	6,900	2,245	5,400	6,900	—		
612170	Water and Water Services	19,225	32,100	32,100	9,950	19,300	32,200	—		
612240	Testing and Inspection Services	—	4,100	4,100	4,100	—	7,000	—		
612410	Governmental Service Charges	15,700	16,000	13,500	11,106	15,800	15,800	—		
612420	Maintenance of Grounds and Pavements	120,650	151,900	151,900	151,900	142,900	172,000	—		
612430	Payments for Professional Services	8,988	209,900	9,900	9,900	9,900	84,900	—		
612490	Contractual Services, N.O.C.	61,919	426,600	96,700	96,618	96,000	96,600	—		
612520	Waste Material Disposal Charges	2,736	8,000	8,000	5,094	6,000	8,000	—		
612600	Repairs to Collection Facilities	1,927,613	1,639,000	1,560,400	1,363,271	1,207,100	1,473,300	—		
612620	Repairs to Waterway Facilities	161,744	482,100	482,100	447,030	270,400	612,700	—		
612680	Repairs to Buildings	13,620	24,500	24,500	23,990	22,500	30,500	—		
612780	Safety Repairs and Services	6,682	9,900	9,900	9,758	7,000	9,900	—		
612820	Computer Software Maintenance	—	50,000	—	—	—	—	—		
612860	Repairs to Vehicle Equipment	21,073	34,000	34,000	34,000	26,000	32,100	—		
612990	Repairs, N.O.C.	1,170	4,200	4,200	2,627	2,000	4,200	—		
200	TOTAL CONTRACTUAL SERVICES	2,475,313	3,140,500	2,507,700	2,227,997	1,904,400	2,662,700	—		
623070	Electrical Parts and Supplies	11,261	96,500	96,500	47,817	46,500	101,500	—		
623090	Plumbing Accessories and Supplies	2,473	12,000	12,000	7,801	11,000	4,000	—		
623110	Hardware	268	1,000	1,000	1,000	1,000	1,000	—		
623130	Buildings, Grounds, Paving Materials, and Supplies	—	15,400	15,400	8,873	9,900	14,900	—		

101 66000		LINE ITEM ANALYSIS						
Fund: Corporate Department: Maintenance & Operations Division: General		2023	2024				2025	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623190	Paints, Solvents, and Related Materials	7,400	—	—	—	—	—	—
623250	Vehicle Parts and Supplies	2,202	2,500	2,500	360	1,900	2,500	—
623270	Mechanical Repair Parts	33,426	171,000	171,000	125,193	115,900	121,000	—
623300	Manhole Materials	68,827	140,000	140,000	140,000	135,000	50,000	—
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	9,829	13,500	12,300	3,958	4,500	48,500	—
623560	Processing Chemicals	128,332	202,700	211,700	211,273	170,000	202,700	—
623680	Tools and Supplies	9,720	27,000	27,000	20,015	16,800	17,000	—
623700	Wearing Apparel	2,732	3,500	3,500	1,637	3,000	3,500	—
623780	Safety and Medical Supplies	12,467	15,000	26,200	23,691	13,000	15,000	—
623800	Computer Software	—	2,000	2,000	—	—	2,000	—
623810	Computer Supplies	—	7,900	2,100	1,893	2,400	7,900	—
623990	Materials and Supplies, N.O.C.	—	—	—	—	—	2,500	—
300	TOTAL MATERIALS AND SUPPLIES	288,937	710,000	723,200	593,511	530,900	594,000	—
TOTAL GENERAL DIVISION		\$ 14,453,214	\$ 16,733,600	\$ 16,114,000	\$ 11,779,044	\$ 14,154,600	\$ 16,507,100	\$ —

NOTES: 1. Amounts may not add up due to rounding.  
 2. Departmental appropriation totals for salaries in the Line Item Analysis may differ from those contained in the Position Analysis by a factor identified to adjust for vacancies.  
 Additionally, Estimated Expenditure may either exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.  
 3. For the M&O Department, Expenditure (Committed Budget plus Disbursement) may exceed Adjusted Appropriation for a specific division as funding is controlled at the M&O Overall department-level.

Fund: Corporate Dept: Maintenance & Operations Division: General		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>601</b>	<b>Executive Office</b>					
EX14	Director of Maintenance & Operations	1	1		1	
TOTAL 601	Executive Office	1	1	312,785	1	312,785
<b>611</b>	<b>General Division Executive Office</b>					
HP22	Assistant Director of Maintenance & Operations	1	1		1	
HP13	Senior Administrative Specialist	—	1		1	
HP11	Administrative Specialist	1	—		—	
TOTAL 611	General Division Executive Office	2	2	360,476	2	387,239
<b>620</b>	<b>Administrative Section</b>					
<b>621</b>	<b>Administrative Unit</b>					
HP18	Supervising Budget & Management Analyst	1	1		1	
HP16	Senior Budget & Management Analyst	2	2		2	
HP14	Budget & Management Analyst	7	7		7	
HP11	Administrative Specialist	—	—		1	
TOTAL 621	Administrative Unit	10	10	1,209,355	11	1,293,110
TOTAL 620	Administrative Section	10	10	1,209,355	11	1,293,110
<b>630</b>	<b>Waterways Control Section</b>					
<b>631</b>	<b>Administrative Unit</b>					
HP20	Managing Engineer	1	1		1	
TOTAL 631	Administrative Unit	1	1	230,127	1	230,127
<b>633</b>	<b>Channel Control Unit</b>					
NR6271	Systems Dispatcher	5	5		5	
TOTAL 633	Channel Control Unit	5	5	680,992	5	680,992
<b>635</b>	<b>Lockport Powerhouse Unit</b>					
NR7394	Powerhouse Mechanic Leadman	1	1		1	
NR7393	Powerhouse Mechanic	1	1		1	
TOTAL 635	Lockport Powerhouse Unit	2	2	282,298	2	282,298

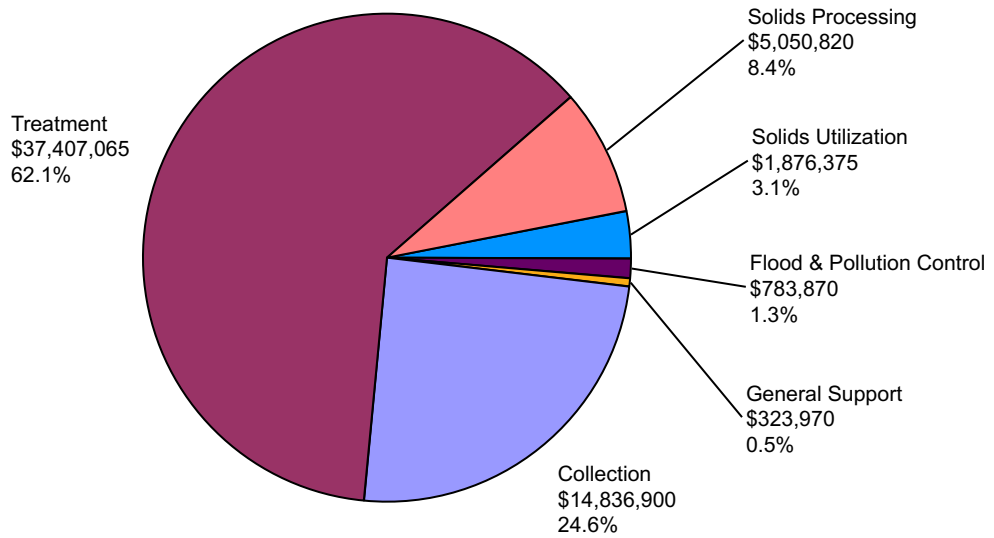
Fund: Corporate Dept: Maintenance & Operations Division: General		POSITION ANALYSIS				
		2023	2024		2025	
					Proposed by the Executive Director	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
<b>670</b>	<b>Collection System Section</b>					
<b>679</b>	<b>Collection System Unit</b>					
HP17	Senior Engineer	1	2		2	
HP15	Associate Civil Engineer	1	1		1	
HP14	Engineering Technician V	6	6		6	
HP12	Engineering Technician IV	1	1		1	
HP11	Engineering Technician III	1	1		1	
NR8331	Laborer Foreman	6	6		6	
NR8650	Maintenance Laborer Class A Shift	14	14		14	
PR6473	Truck Driver	6	6		6	
TOTAL 679	Collection System Unit	36	37	3,762,342	37	3,777,638
TOTAL 670	Collection System Section	36	37	3,762,342	37	3,777,638
TOTAL 630	Waterways Control Section	44	45	4,955,759	45	4,971,055
<b>640</b>	<b>Technical Administration Section</b>					
<b>641</b>	<b>Technical Administration Unit</b>					
HP20	Managing Engineer	1	1		1	
TOTAL 641	Technical Administration Unit	1	1	220,334	1	220,334
<b>642</b>	<b>Contract Administration Unit - MOB</b>					
HP18	Principal Engineer	1	1		1	
HP17	Senior Engineer	—	1		—	
HP17	Senior Engineer #2 (Associate Civil Engineer) (New Grade HP15)	—	—		1	
HP17	Senior Mechanical Engineer	1	1		1	
HP15	Associate Civil Engineer	1	1		1	
HP14	Assistant Civil Engineer	1	1		1	
TOTAL 642	Contract Administration Unit - MOB	4	5	713,117	5	732,456
<b>643</b>	<b>Technical Services Unit</b>					
HP18	Principal Engineer	1	1		1	
HP17	Senior Engineer	1	—		—	

Fund: Corporate Dept: Maintenance & Operations Division: General		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
HP15	Associate Civil Engineer	1	1		1	
HP14	Assistant Civil Engineer	1	1		1	
TOTAL 643	Technical Services Unit	4	3	379,315	3	379,564
TOTAL 640	Technical Administration Section	9	9	1,312,765	9	1,332,355
<b>681</b>	<b>Asset Management Section</b>					
HP20	Managing Engineer	1	1		1	
HP18	Principal Electrical Engineer	1	2		2	
HP18	Principal Engineer	1	—		—	
HP18	Principal Mechanical Engineer	3	3		3	
HP17	Senior Electrical Engineer	5	5		5	
HP17	Senior Engineer	1	—		—	
HP17	Senior Mechanical Engineer	4	5		5	
HP15	Associate Electrical Engineer	3	5		5	
HP15	Associate Mechanical Engineer	5	5		5	
HP14	Assistant Electrical Engineer	1	2		2	
HP14	Assistant Mechanical Engineer	3	3		3	
HP14	Engineering Technician V	2	2		2	
TOTAL 681	Asset Management Section	30	33	4,596,161	33	4,544,868
TOTAL	Maintenance & Operations General Division	96	100	12,747,302	101	12,841,412

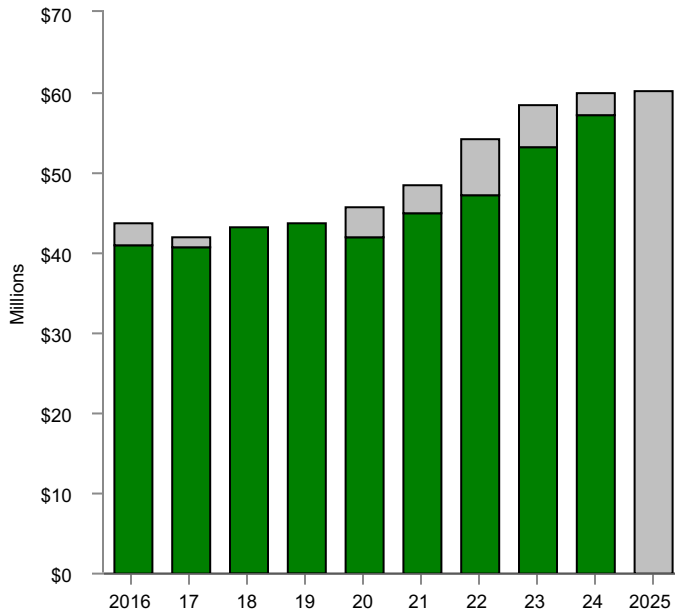
NOTE: Departmental appropriation totals for salaries in the Position Analysis differ from those contained in the Line Item Analysis by a factor identified to adjust for vacancies. Salary ranges corresponding to the pay plan and grade for each class title can be found in the table of Salary Schedules in the Appendix. Dollar amounts may not add up due to rounding.

# MAINTENANCE & OPERATIONS - NORTH SERVICE AREA PROGRAMS

2025	\$60,279,000
2024	\$59,987,000
Increase	\$292,000



## APPROPRIATIONS & EXPENDITURES

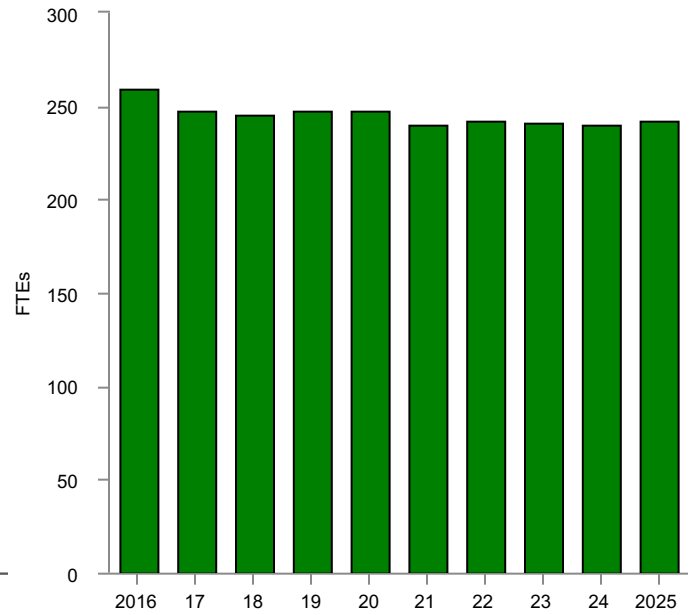


2024 Expenditures are estimated

■ EXPENDITURES     
 ■ APPROPRIATIONS

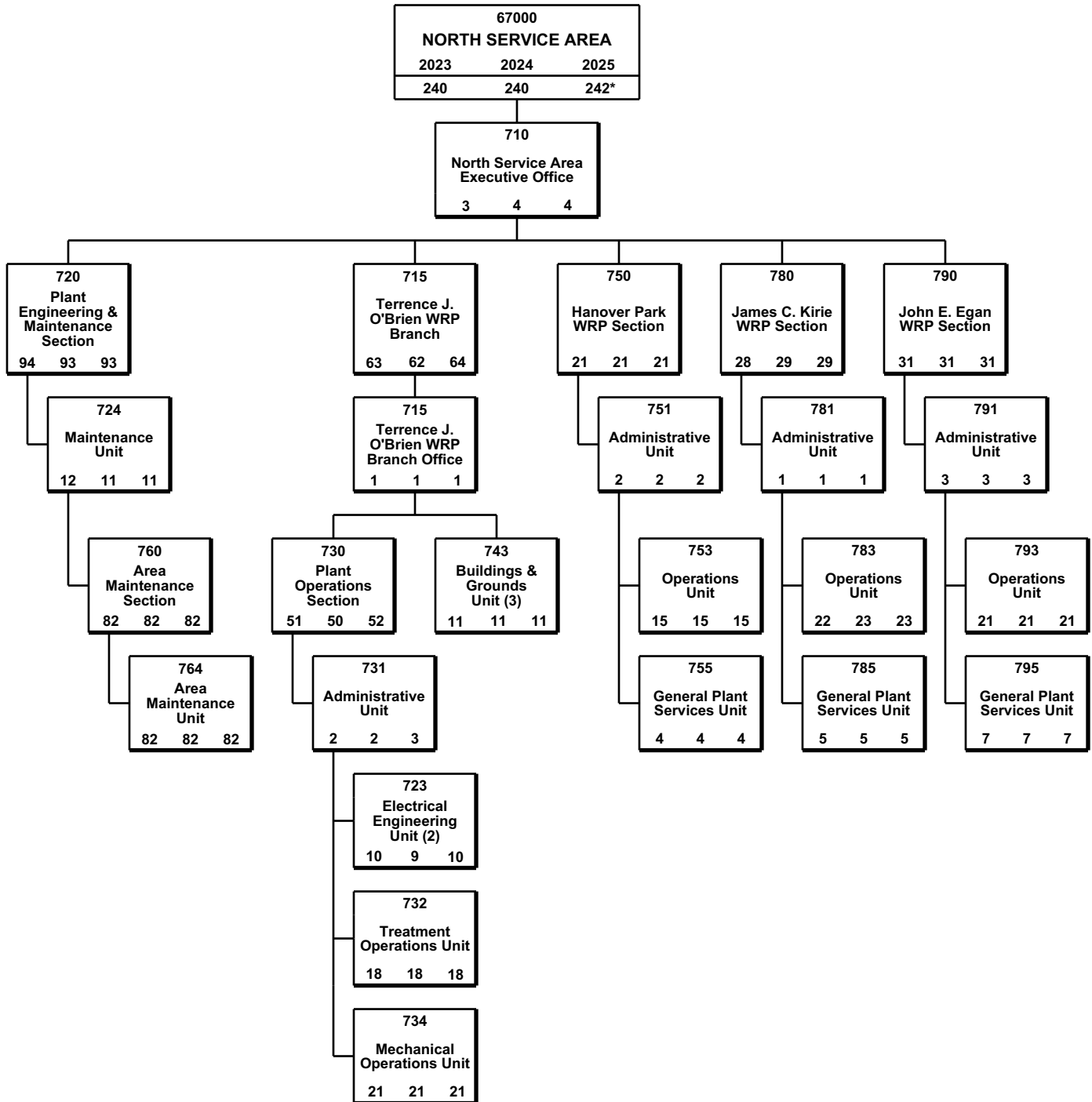
**2022-2023** - Increase is due to rising costs of electrical energy, natural gas, and chemicals.

## BUDGETED FTE POSITIONS



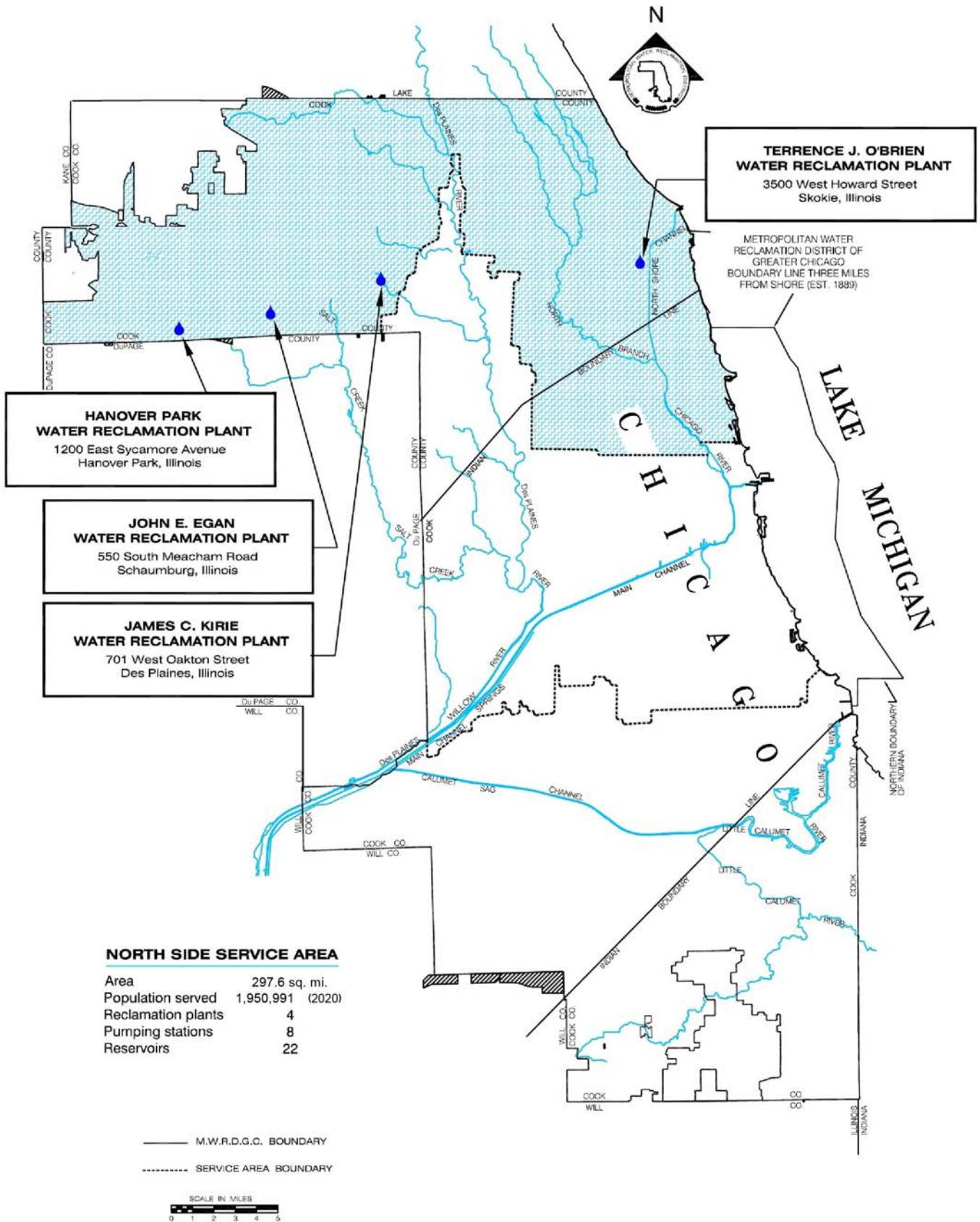
**2017** - Decrease is due to organizational redesign.

# MAINTENANCE & OPERATIONS - NORTH SERVICE AREA



\* In 2025, there are no positions funded by the Stormwater Management Fund.





**67000 M&O - NORTH SERVICE AREA**

**OBJECTIVES AND PROGRAM SUMMARY**

OBJECTIVES BY PRIORITY:				Cost	Percent
1.	COLLECTION & TREATMENT: The North Service Area will collect and treat approximately 107.8 billion gallons of wastewater through its treatment facilities and a contract agreement with the Fox River Water Reclamation District.			\$52,243,965	86.7 %
		Design: Flows ^	CBOD *	SS *	
	Terrence J. O'Brien Water Reclamation Plant	333 MGD	10 mg/L	12 mg/L	
	John E. Egan Water Reclamation Plant	30 MGD	10 mg/L	12 mg/L	
	Hanover Park Water Reclamation Plant	12 MGD	10 mg/L	12 mg/L	
	James C. Kirie Water Reclamation Plant	52 MGD	4 mg/L	5 mg/L	
	Fox River Water Reclamation District	4 MGD	—	—	
	^ In millions of gallons per day (MGD).				
	* National Pollutant Discharge Elimination System monthly effluent quality standards in milligrams per liter:				
	CBOD - Carbonaceous Biochemical Oxygen Demand				
	SS - Suspended Solids				
2.	SOLIDS PROCESSING: The North Service Area will remove 59,800 dry tons and process 16,000 dry tons of solids through various systems, including concentration and heated anaerobic digestion for further processing at the Stickney WRP.			\$ 5,050,820	8.4 %
3.	SOLIDS UTILIZATION: The North Service Area will provide support to utilize 1,000 dry tons of biosolids for the Fischer Farm in Hanover Park and other agricultural applications.			\$ 1,876,375	3.1 %
4.	FLOOD & POLLUTION CONTROL: The North Service Area will work to prevent local area flooding and control diversion of water from Lake Michigan through the operation of 22 detention reservoirs in cooperation with local communities and by assisting in the operation of the Wilmette Controlling Works and the North Shore Channel. The North Service Area will also work to maintain the quality of the waterways system and associated District property by utilizing debris boats and channel maintenance crews.			\$ 783,870	1.3 %
5.	GENERAL SUPPORT: The North Service Area will provide technical and administrative support for other departments not directly related to the operational activities of Collection & Treatment, Solids Processing, Solids Utilization, and Flood & Pollution Control.			\$ 323,970	0.5 %
				Division Totals	\$60,279,000 100.0 %

**67000 M&O - NORTH SERVICE AREA**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change		
Number	Name	Actual	FTEs	Dollars	Dollars	Percent	
1000	Collection	\$13,363,759	2025	66 \$ 14,836,900	\$ 208,490	1.4	
			2024	65 \$ 14,628,410			
1100	Surface Interceptor Systems	\$ 357,439	2025	3 \$ 329,900	\$ 19,000	6.1	
			2024	3 \$ 310,900			
1200	Tunnel and Reservoir System	\$ 2,815,204	2025	13 \$ 1,610,200	\$ 43,700	2.8	
			2024	13 \$ 1,566,500			
1300	Pumping Station Facilities	\$ 5,070,754	2025	26 \$ 7,616,700	\$ 144,400	1.9	
			2024	25 \$ 7,472,300			
1900	Collection - Indirect Costs	\$ 5,120,362	2025	24 \$ 5,280,100	\$ 1,390	—	
			2024	24 \$ 5,278,710			
2000	Treatment	\$32,121,098	2025	150 \$ 36,991,065	\$ (117,980)	(0.3)	
			2024	149 \$ 37,109,045			
2000	Pre-Treatment	\$ 698,736	2025	5 \$ 1,115,400	\$ 283,100	34.0	a)
			2024	5 \$ 832,300			
2100	Primary Treatment	\$ 598,540	2025	6 \$ 682,400	\$ (1,300)	(0.2)	
			2024	6 \$ 683,700			
2200	Secondary Treatment	\$12,119,217	2025	45 \$ 15,508,500	\$ 281,300	1.8	b)
			2024	44 \$ 15,227,200			
2300	Tertiary Treatment	\$ 1,673,632	2025	11 \$ 2,149,400	\$ (149,100)	(6.5)	
			2024	11 \$ 2,298,500			
2900	Treatment - Indirect Costs	\$17,030,973	2025	83 \$ 17,535,365	\$ (531,980)	(2.9)	c)
			2024	83 \$ 18,067,345			

a) Increase is due to an increased need for stop logs (\$65,000) and pipe lining (\$65,000) at the Kirie WRP, as well as parts for coarse screens at the Hanover Park WRP (\$50,000).

b) Increase is due to an increased need for return sludge pump parts (\$250,000).

c) Decrease is due to the procurement of one emergency generator for the Hanover Park WRP in the prior year (\$300,900), the deferral of pavement repairs (\$300,000), and the procurement of air compressors for the Kirie WRP in the prior year (\$225,000), offset by an increase for electrical parts and supplies (\$197,800).

**67000 M&O - NORTH SERVICE AREA**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change		
Number	Name	Actual	FTEs	Dollars	Dollars	Percent	
3000	Solids Processing	\$ 4,451,926	2025	22 \$ 5,050,820	\$ 47,730	1.0	
			2024	22 \$ 5,003,090			
3100	Thickening	\$ 949,142	2025	5 \$ 989,900	\$ 138,600	16.3	d)
			2024	5 \$ 851,300			
3200	Stabilization	\$ 811,071	2025	6 \$ 959,100	\$ 94,300	10.9	
			2024	6 \$ 864,800			
3300	Dewatering	\$ 711,533	2025	5 \$ 805,800	\$ 100	—	
			2024	5 \$ 805,700			
3900	Solids Processing - Indirect Costs	\$ 1,980,180	2025	6 \$ 2,296,020	\$ (185,270)	(7.5)	e)
			2024	6 \$ 2,481,290			
4000	Flood & Pollution Control	\$ 972,903	2025	2 \$ 783,870	\$ 65,850	9.2	
			2024	2 \$ 718,020			
4200	Waterways Control and Stormwater Reservoirs	\$ 347,132	2025	2 \$ 302,200	\$ 17,200	6.0	
			2024	2 \$ 285,000			
4400	Aeration Facilities	\$ 488,256	2025	— \$ 332,400	\$ 33,400	11.2	
			2024	— \$ 299,000			
4900	Flood & Pollution Control - Indirect Costs	\$ 137,515	2025	— \$ 149,270	\$ 15,250	11.4	
			2024	— \$ 134,020			
5000	Solids Utilization	\$ 1,611,391	2025	1 \$ 1,876,375	\$ 124,020	7.1	
			2024	1 \$ 1,752,355			
5200	Solids Distribution	\$ 303,212	2025	— \$ 506,100	\$ 117,500	30.2	f)
			2024	— \$ 388,600			
5900	Solids Utilization - Indirect Costs	\$ 1,308,179	2025	1 \$ 1,370,275	\$ 6,520	0.5	
			2024	1 \$ 1,363,755			
7000	General Support (excluding program number 7604)	\$ 290,247	2025	1 \$ 323,970	\$ (42,610)	(11.6)	
			2024	1 \$ 366,580			
7604	Social Security and Medicare Contributions	\$ 375,091	2025	— \$ 416,000	\$ 6,500	1.6	
			2024	— \$ 409,500			
Division Totals		\$53,186,415	2025	242 \$60,279,000	\$ 292,000	0.5 %	*
			2024	240 \$59,987,000			

d) Increase is due to the procurement of one waste activated sludge pump and variable frequency drive for the Kirie WRP (\$115,000).

e) Decrease is due to the procurement of one Freightliner dump truck in the prior year (\$204,000).

f) Increase is due to an increased need for the biosolids injection and farming service contract at the Hanover Park WRP (\$122,500).

\* The 2025 position total for the North Service Area is 242, with no positions budgeted in the Stormwater Management Fund.

**67000 M&O - NORTH SERVICE AREA**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023	2024	2025	
			Actual	Budgeted	Estimated	
1000-2900	Collection & Treatment					
	Collect and Treat Wastewater at Treatment Facilities and Through a Contract Agreement with the Fox River Water Reclamation District					
	Terrence J. O'Brien Water Reclamation Plant	Mil. Gallons	77,029	80,000	79,000	
		Cost	\$ 25,579,794	\$ 28,230,292	\$ 29,061,075	a)
		Cost/Mil. Gallons	\$ 332.08	\$ 352.88	\$ 367.86	
	John E. Egan Water Reclamation Plant	Mil. Gallons	7,567	9,300	9,300	
		Cost	\$ 6,204,648	\$ 7,476,570	\$ 7,601,035	
		Cost/Mil. Gallons	\$ 819.96	\$ 803.93	\$ 817.32	
	Hanover Park Water Reclamation Plant	Mil. Gallons	2,390	3,950	3,950	
		Cost	\$ 3,091,337	\$ 4,020,750	\$ 3,435,160	b)
		Cost/Mil. Gallons	\$ 1,293.45	\$ 1,017.91	\$ 869.66	
	James C. Kirie Water Reclamation Plant	Mil. Gallons	12,292	13,300	13,300	
		Cost	\$ 8,516,738	\$ 9,719,843	\$ 9,440,695	c)
		Cost/Mil. Gallons	\$ 692.87	\$ 730.82	\$ 709.83	
	Fox River Water Reclamation District	Mil. Gallons	2,200	2,200	2,200	
		Cost	\$ 2,092,340	\$ 2,290,000	\$ 2,290,000	
		Cost/Mil. Gallons	\$ 951.06	\$ 1,040.91	\$ 1,040.91	
3000	Solids Processing					
	Remove 59,800 Dry Tons of Solids, Transfer 45,600 Dry Tons to the Stickney WRP, and Process 16,000 Dry Tons Through Various Systems, Including Concentration and Heated Anaerobic Digestion for Further Processing at the Stickney WRP	Dry Tons	16,000	16,000	16,000	
		Cost	\$ 4,451,926	\$ 5,003,090	\$ 5,050,820	
		Cost/Dry Ton	\$ 278.25	\$ 312.69	\$ 315.68	
<p>a) Increase is due to an increased need for return sludge pump parts (\$250,000), the addition of one Electrical Operator II and one Senior Engineer (\$235,000), the increased need for repairs to process facilities (\$200,000), and the furnish, deliver, and install of process optimization software (\$150,000).</p> <p>b) Decrease is due to the procurement of one emergency generator (\$300,900) and one turbo blower (\$229,000) in the prior year.</p> <p>c) Decrease is due to the procurement of air compressors in the prior year (\$225,000).</p>						

**67000 M&O - NORTH SERVICE AREA**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023	2024	2025
			Actual	Budgeted	Estimated
4000	Flood & Pollution Control				
	Operation and Maintenance of the Waterways to Minimize Area Flooding and Pollution				
4200	Minimize Area Flooding and Pollution of Lake Michigan Through the Continuous Control of Water Levels in Major Rivers and Canals and the Operation of Detention Reservoirs	Reservoirs	22	22	22
		Cost	\$ 347,132	\$ 285,000	\$ 302,200
		Cost/Reservoir	\$ 15,778.73	\$ 12,954.55	\$ 13,736.36
4400	Aeration Facilities	Cost	\$ 488,256	\$ 299,000	\$ 332,400
4900	Flood & Pollution Control - Indirect Costs	Cost	\$ 137,515	\$ 134,020	\$ 149,270
5000	Solids Utilization				
	Utilize Biosolids for Application at Final Utilization Sites Such as the Fischer Farm in Hanover Park and Other Farm Application Sites	Dry Tons	1,990	1,000	1,000
		Cost	\$ 1,611,391	\$ 1,752,355	\$ 1,876,375
		Cost/Dry Ton	\$ 809.74	\$ 1,752.36	\$ 1,876.38
7000	General Support (excluding program number 7604)				
	Technical and Administrative Support for Other Departments' Activities Indirectly Related to the Operational Activities of Collection & Treatment, Solids Processing, Flood & Pollution Control, and Solids Utilization	Cost	\$ 290,247	\$ 366,580	\$ 323,970
7604	Social Security and Medicare Contributions	Cost	\$ 375,091	\$ 409,500	\$ 416,000
		Division Totals	\$ 53,186,415	\$ 59,987,000	\$ 60,279,000

Account Number	Account Name	LINE ITEM ANALYSIS						
		2023		2024			2025	
		Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
101 67000	Fund: Corporate Department: Maintenance & Operations Division: North Service Area							
601010	Salaries of Regular Employees	\$ 25,323,257	\$ 26,680,500	\$ 26,680,500	\$ 19,421,040	\$ 26,461,600	\$ 27,328,700	\$ —
601060	Compensation Plan Adjustments	1,565,785	1,372,200	1,372,200	1,005,878	1,264,200	1,537,300	—
601070	Social Security and Medicare Contributions	375,091	409,500	409,500	301,759	391,100	416,000	—
601100	Tuition and Training Payments	38,554	67,100	67,100	62,247	64,400	67,100	—
100	TOTAL PERSONAL SERVICES	27,302,687	28,529,300	28,529,300	20,790,924	28,181,300	29,349,100	—
612010	Travel	2,203	8,500	8,500	3,067	7,400	6,000	—
612030	Meals and Lodging	16,331	29,200	29,200	15,617	25,100	28,900	—
612050	Compensation for Personally-Owned Automobiles	24,058	22,000	22,000	20,672	22,000	22,000	—
612080	Motor Vehicle Operating Services	135	500	500	87	500	500	—
612150	Electrical Energy	11,328,157	11,608,500	11,608,500	8,044,626	12,150,800	11,670,200	—
612160	Natural Gas	765,455	1,083,900	1,083,900	388,177	846,500	887,900	—
612170	Water and Water Services	77,012	91,700	91,700	49,519	82,300	81,300	—
612240	Testing and Inspection Services	16,729	91,400	91,400	90,271	56,300	60,600	—
612330	Rental Charges	14,863	1,600	11,500	11,266	1,500	10,600	—
612410	Governmental Service Charges	4,435,075	4,836,500	4,836,500	3,912,600	4,847,400	4,836,500	—
612420	Maintenance of Grounds and Pavements	559,144	425,000	225,000	149,121	128,900	198,900	—
612490	Contractual Services, N.O.C.	3,660	4,500	4,400	3,920	4,300	20,000	—
612520	Waste Material Disposal Charges	572,414	708,200	708,200	689,479	689,400	885,500	—
612530	Farming Services	19,405	75,000	75,000	75,000	75,000	120,000	—
612600	Repairs to Collection Facilities	63,410	1,201,900	1,499,500	1,491,107	571,500	1,290,400	—
612650	Repairs to Process Facilities	2,755,273	3,750,300	3,745,300	3,665,461	3,150,400	4,048,400	—
612680	Repairs to Buildings	618,620	732,500	727,500	726,688	646,300	666,400	—
612760	Repairs to Material Handling and Farming Equipment	59,458	10,500	15,500	13,087	13,700	15,500	—
612780	Safety Repairs and Services	61,578	83,000	83,000	80,660	76,700	131,000	—
612860	Repairs to Vehicle Equipment	26,760	20,000	20,000	15,042	15,100	20,000	—
200	TOTAL CONTRACTUAL SERVICES	21,419,741	24,784,700	24,887,100	19,445,467	23,411,100	25,000,600	—
623030	Metals	8,369	10,000	10,000	9,505	9,000	10,000	—
623070	Electrical Parts and Supplies	1,209,708	1,776,500	1,776,500	1,739,590	1,569,000	1,882,300	—
623090	Plumbing Accessories and Supplies	268,825	247,800	367,800	281,060	349,300	373,800	—
623130	Buildings, Grounds, Paving Materials, and Supplies	69,177	100,000	100,000	93,108	71,200	82,900	—
623190	Paints, Solvents, and Related Materials	2,244	2,300	2,300	1,923	2,300	2,300	—
623250	Vehicle Parts and Supplies	28,723	26,000	26,000	18,126	21,000	26,000	—

101 67000	Fund: Corporate Department: Maintenance & Operations Division: North Service Area	LINE ITEM ANALYSIS						
		2023	2024			2025		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623270	Mechanical Repair Parts	1,334,568	1,614,400	1,659,400	1,580,852	1,527,400	1,348,600	—
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	23,050	31,000	36,000	30,338	35,000	33,000	—
623560	Processing Chemicals	780,829	1,257,100	1,248,100	1,078,080	817,500	1,090,000	—
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	29,186	64,000	64,000	63,412	63,200	44,000	—
623660	Cleaning Supplies	1,930	2,000	2,000	1,813	2,000	2,000	—
623680	Tools and Supplies	119,426	100,000	100,000	95,387	100,000	100,000	—
623780	Safety and Medical Supplies	18,860	18,500	18,500	17,292	18,500	18,500	—
623800	Computer Software	12,253	6,000	6,000	—	3,000	6,000	—
623810	Computer Supplies	24,689	21,000	19,588	17,254	14,000	17,000	—
623820	Fuel	15,762	35,800	35,800	34,040	29,100	20,800	—
623850	Communications Supplies	24,580	20,000	20,000	19,990	20,000	20,000	—
623860	Lubricants	21,798	5,000	1,600	1,434	3,000	5,000	—
623990	Materials and Supplies, N.O.C.	14,884	11,500	11,500	10,622	11,500	13,700	—
300	TOTAL MATERIALS AND SUPPLIES	4,008,861	5,348,900	5,505,088	5,093,826	4,666,000	5,095,900	—
634600	Equipment for Collection Facilities	30,055	45,000	45,000	44,858	39,800	45,000	—
634650	Equipment for Process Facilities	235,930	420,000	474,000	463,144	401,900	330,000	—
634760	Material Handling and Farming Equipment	152,580	480,100	419,900	418,667	94,900	308,400	—
634860	Vehicle Equipment	36,558	379,000	452,900	452,807	447,100	150,000	—
400	TOTAL MACHINERY AND EQUIPMENT	455,123	1,324,100	1,391,800	1,379,476	983,700	833,400	—
TOTAL NORTH SERVICE AREA		\$ 53,186,412	\$ 59,987,000	\$ 60,313,288	\$ 46,709,693	\$ 57,242,100	\$ 60,279,000	\$ —

NOTES: 1. Amounts may not add up due to rounding.  
 2. Departmental appropriation totals for salaries in the Line Item Analysis may differ from those contained in the Position Analysis by a factor identified to adjust for vacancies.  
 Additionally, Estimated Expenditure may either exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.  
 3. For the M&O Department, Expenditure (Committed Budget plus Disbursement) may exceed Adjusted Appropriation for a specific division as funding is controlled at the M&O Overall department-level.



Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>710</b>	<b>North Service Area Executive Office</b>					
HP22	Assistant Director of Maintenance & Operations	1	1		1	
HP20	Managing Engineer	1	1		1	
HP17	Senior Mechanical Engineer	—	1		1	
HP12	Secretary #1	1	1		1	
TOTAL 710	North Service Area Executive Office	3	4	723,723	4	763,393
<b>720</b>	<b>Plant Engineering &amp; Maintenance Section</b>					
<b>724</b>	<b>Maintenance Unit</b>					
HP19	Master Mechanic II #2 (Master Mechanic I) (New Grade HP18)	1	1		1	
HP17	Assistant Master Mechanic	4	4		4	
HP17	Senior Electrical Engineer	1	—		—	
HP17	Senior Process Control Engineer	1	1		1	
HP15	Associate Civil Engineer #2 (Engineering Technician IV) (New Grade HP12)	1	1		1	
HP15	Associate Electrical Engineer	1	1		1	
HP15	Associate Process Control Engineer	—	1		1	
HP15	Associate Process Control Engineer #1	1	—		—	
HP14	Assistant Civil Engineer	1	1		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 724	Maintenance Unit	12	11	1,503,520	11	1,540,920
<b>760</b>	<b>Area Maintenance Section</b>					
<b>764</b>	<b>Area Maintenance Unit</b>					
PR5933	Architectural Ironworker	2	2		2	
PR5353	Bricklayer	1	1		1	
PR5153	Carpenter	2	2		2	
PR7425	Electrical Instrument & Testing Mechanic Foreman	1	1		1	
PR7424	Electrical Instrument & Testing Mechanic Leadman	1	1		1	
PR7423	Electrical Instrument & Testing Mechanic	12	12		12	
PR7347	Electrical Mechanic Foreman	1	1		1	

Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2023	2024		2025	
					Proposed by the Executive Director	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
PR7349	Electrical Mechanic Sub-Foreman	1	1		1	
PR7343	Electrical Mechanic	15	15		15	
PR6453	Hoisting Engineer	1	1		1	
PR7579	Machinist Foreman	1	1		1	
PR7575	Machinist Leadman	1	1		1	
PR7573	Machinist	16	16		16	
PR5553	Painter	2	2		2	
PR7779	Pipefitter Foreman	1	1		1	
PR7775	Pipefitter Leadman	1	1		1	
PR7773	Pipefitter	13	13		13	
PR5753	Plumber	2	2		2	
PR5975	Structural Ironworker Leadman	1	1		1	
PR5973	Structural Ironworker	2	2		2	
PR6479	Truck Driver Foreman	1	1		1	
PR6473	Truck Driver	4	4		4	
TOTAL 764	Area Maintenance Unit	82	82	9,485,154	82	9,829,477
TOTAL 760	Area Maintenance Section	82	82	9,485,154	82	9,829,477
TOTAL 720	Plant Engineering & Maintenance Section	94	93	10,988,674	93	11,370,397
<b>715</b>	<b>Terrence J. O'Brien Water Reclamation Plant Branch</b>					
<b>715</b>	<b>Terrence J. O'Brien Water Reclamation Plant Branch Office</b>					
HP20	Managing Engineer	1	1		1	
TOTAL 715	Terrence J. O'Brien Water Reclamation Plant Branch Office	1	1	230,127	1	230,127
<b>730</b>	<b>Plant Operations Section</b>					
<b>731</b>	<b>Administrative Unit</b>					
HP18	Principal Engineer	1	1		1	
HP17	Senior Engineer	—	—		1	
HP15	Associate Civil Engineer	1	1		1	
TOTAL 731	Administrative Unit	2	2	278,176	3	403,870

Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>723</b>	<b>Electrical Engineering Unit</b>					
HP17	Senior Process Control Engineer	1	1		1	
HP15	Associate Process Control Engineer #1	1	—		—	
NR6251	Chief Electrical Operator	1	1		1	
NR6233	Electrical Operator II	5	5		6	
NR6232	Electrical Operator I	2	2		2	
TOTAL 723	Electrical Engineering Unit	10	9	1,066,228	10	1,189,466
<b>732</b>	<b>Treatment Operations Unit</b>					
HP16	Treatment Plant Operator III	1	1		1	
HP14	Treatment Plant Operator II	8	8		8	
HP12	Treatment Plant Operator I	4	4		4	
NR8650	Maintenance Laborer Class A Shift	5	5		5	
TOTAL 732	Treatment Operations Unit	18	18	1,873,373	18	1,886,117
<b>734</b>	<b>Mechanical Operations Unit</b>					
HP17	Chief Operating Engineer I	1	1		1	
HP16	Assistant Chief Operating Engineer	1	1		1	
NR6810	Fireman-Oiler	6	6		6	
NR6832	Operating Engineer II	8	8		8	
NR6831	Operating Engineer I	5	5		5	
TOTAL 734	Mechanical Operations Unit	21	21	2,487,072	21	2,468,326
TOTAL 730	Plant Operations Section	51	50	5,704,849	52	5,947,779
<b>743</b>	<b>Buildings &amp; Grounds Unit</b>					
HP14	Engineering Technician V	1	1		1	
HP09	Administrative Clerk	1	1		1	
NR8331	Laborer Foreman	1	1		1	
NR8651	Maintenance Laborer Class A	3	3		3	
NR8652	Maintenance Laborer Class B	5	5		5	
TOTAL 743	Buildings & Grounds Unit	11	11	866,921	11	869,686
TOTAL 715	Terrence J. O'Brien Water Reclamation Plant Branch	63	62	6,801,898	64	7,047,592

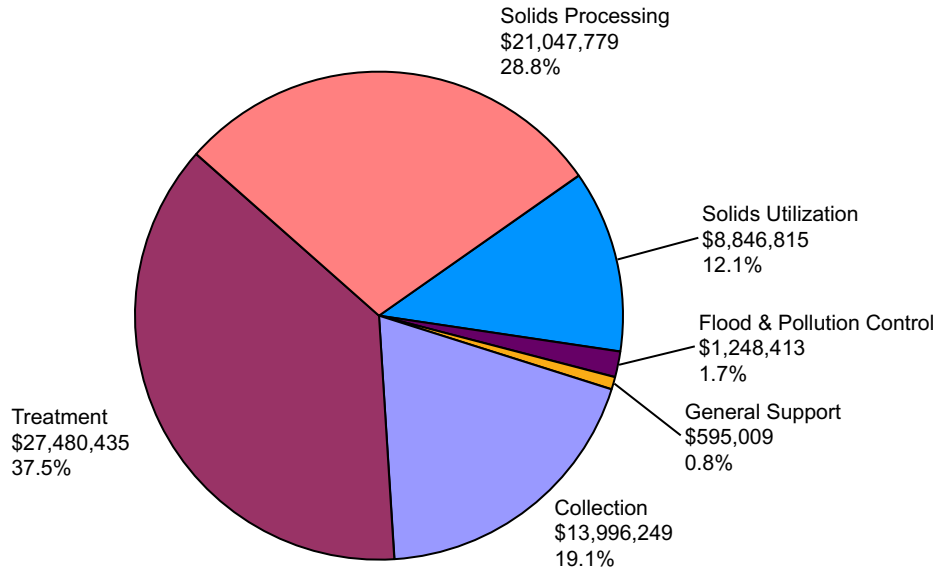
Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2023	2024		2025	
					Proposed by the Executive Director	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
<b>750</b>	<b>Hanover Park Water Reclamation Plant Section</b>					
<b>751</b>	<b>Administrative Unit</b>					
HP20	Managing Engineer	1	1		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 751	Administrative Unit	2	2	317,715	2	321,658
<b>753</b>	<b>Operations Unit</b>					
HP17	Senior Engineer	1	1		1	
HP16	Treatment Plant Operator III	1	1		1	
HP14	Treatment Plant Operator II	7	7		7	
HP12	Treatment Plant Operator I	5	5		5	
NR6810	Fireman-Oiler	1	1		1	
TOTAL 753	Operations Unit	15	15	1,514,169	15	1,533,685
<b>755</b>	<b>General Plant Services Unit</b>					
HP14	Engineering Technician V	1	1		1	
NR8651	Maintenance Laborer Class A	2	2		2	
NR8652	Maintenance Laborer Class B	1	1		1	
TOTAL 755	General Plant Services Unit	4	4	369,531	4	369,531
TOTAL 750	Hanover Park Water Reclamation Plant Section	21	21	2,201,416	21	2,224,875
<b>780</b>	<b>James C. Kirie Water Reclamation Plant Section</b>					
<b>781</b>	<b>Administrative Unit</b>					
HP20	Managing Engineer	1	1		1	
TOTAL 781	Administrative Unit	1	1	230,127	1	230,127
<b>783</b>	<b>Operations Unit</b>					
HP17	Senior Engineer	1	1		1	
HP16	Assistant Chief Operating Engineer	1	1		1	
HP16	Treatment Plant Operator III	1	1		1	
HP14	Treatment Plant Operator II	7	7		7	
HP12	Treatment Plant Operator I	2	3		3	
NR6810	Fireman-Oiler	1	1		1	

Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2023	2024		2025	
					Proposed by the Executive Director	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
NR8650	Maintenance Laborer Class A Shift	3	3		3	
NR6831	Operating Engineer I	6	6		6	
TOTAL 783	Operations Unit	22	23	2,619,290	23	2,636,199
<b>785</b>	<b>General Plant Services Unit</b>					
HP14	Engineering Technician V	1	1		1	
NR8651	Maintenance Laborer Class A	3	3		3	
NR8652	Maintenance Laborer Class B	1	1		1	
TOTAL 785	General Plant Services Unit	5	5	444,022	5	449,713
TOTAL 780	James C. Kirie Water Reclamation Plant Section	28	29	3,293,439	29	3,316,039
<b>790</b>	<b>John E. Egan Water Reclamation Plant Section</b>					
<b>791</b>	<b>Administrative Unit</b>					
HP20	Managing Engineer	1	1		1	
HP18	Principal Engineer	1	1		1	
HP12	Administrative Assistant #2 (Administrative Specialist) (New Grade HP11)	—	1		—	
HP11	Administrative Specialist	1	—		1	
TOTAL 791	Administrative Unit	3	3	493,656	3	469,558
<b>793</b>	<b>Operations Unit</b>					
HP16	Assistant Chief Operating Engineer	1	1		1	
HP16	Treatment Plant Operator III	1	1		1	
HP14	Treatment Plant Operator II	7	7		7	
HP12	Treatment Plant Operator I	4	4		4	
NR6810	Fireman-Oiler	1	1		1	
NR6832	Operating Engineer II	1	1		1	
NR6831	Operating Engineer I	6	6		6	
TOTAL 793	Operations Unit	21	21	2,364,746	21	2,338,214
<b>795</b>	<b>General Plant Services Unit</b>					
HP14	Engineering Technician V	1	1		1	
NR8331	Laborer Foreman	1	1		1	
NR8651	Maintenance Laborer Class A	4	4		4	

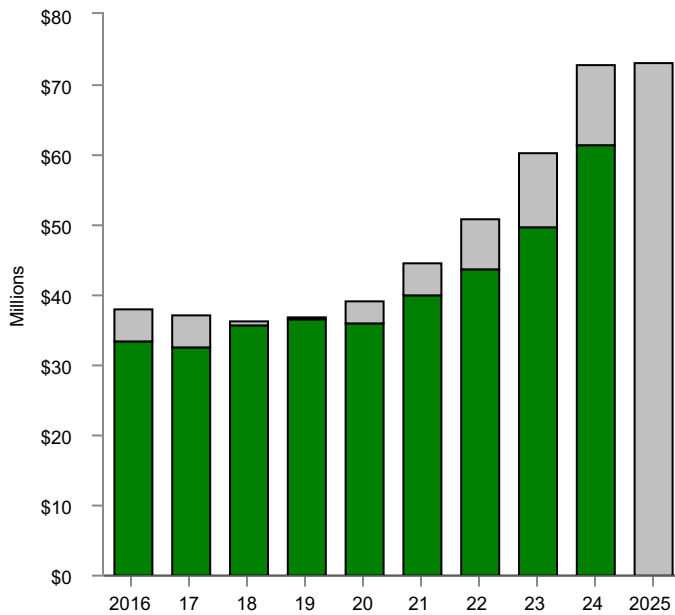
Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2023	2024		2025	
					Proposed by the Executive Director	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
NR8652	Maintenance Laborer Class B	1	1		1	
TOTAL 795	General Plant Services Unit	7	7	638,086	7	643,777
TOTAL 790	John E. Egan Water Reclamation Plant Section	31	31	3,496,489	31	3,451,549
TOTAL	Maintenance & Operations North Service Area	240	240	27,505,638	242	28,173,845
NOTE: Departmental appropriation totals for salaries in the Position Analysis differ from those contained in the Line Item Analysis by a factor identified to adjust for vacancies. Salary ranges corresponding to the pay plan and grade for each class title can be found in the table of Salary Schedules in the Appendix. Dollar amounts may not add up due to rounding.						

# MAINTENANCE & OPERATIONS - CALUMET SERVICE AREA PROGRAMS

2025	\$73,214,700
2024	\$72,800,000
Increase	\$414,700



## APPROPRIATIONS & EXPENDITURES

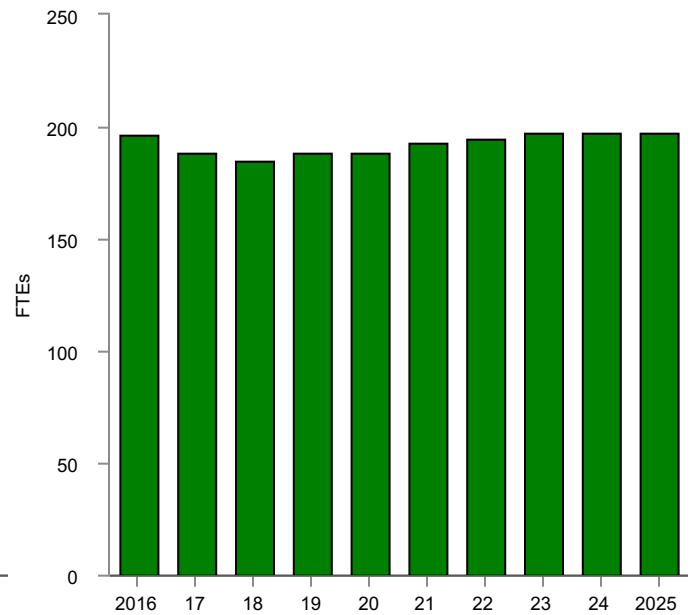


2024 Expenditures are estimated

■ EXPENDITURES      ■ APPROPRIATIONS

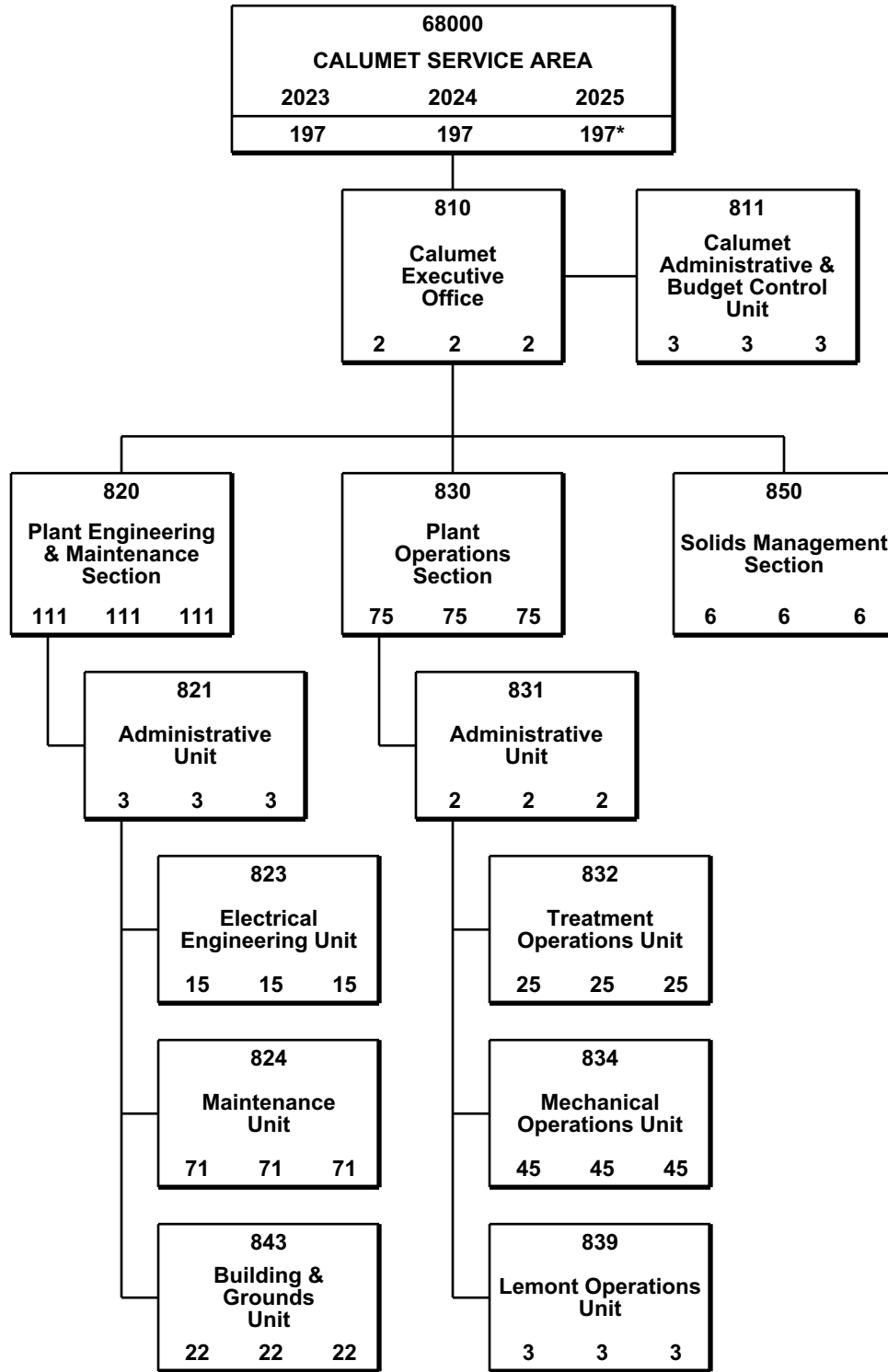
**2021** - Increase is due to the transfer of the Solids Management Section from the General Division.  
**2022-2023** - Increase is due to rising costs of electrical energy, natural gas, and chemicals.  
**2024** - Increase is due to the need for additional chemicals to meet permit requirements for phosphorus removal.

## BUDGETED FTE POSITIONS



**2017** - Decrease is due to organizational redesign.  
**2021** - Increase is due to the transfer of the Solids Management Section from the General Division.

# MAINTENANCE & OPERATIONS - CALUMET SERVICE AREA



\* In 2025, there are no positions funded by the Stormwater Management Fund.





**68000 M&O - CALUMET SERVICE AREA**

**OBJECTIVES AND PROGRAM SUMMARY**

OBJECTIVES BY PRIORITY:		Cost	Percent
1.	COLLECTION & TREATMENT: The Calumet Service Area will collect and treat approximately 101.0 billion gallons of wastewater through its Calumet and Lemont treatment facilities.	\$41,476,684	56.7 %
	Design: Flows ^      CBOD *    SS *		
	Calumet Water Reclamation Plant	354 MGD	10 mg/L    15 mg/L
	Lemont Water Reclamation Plant	2.3 MGD	20 mg/L    25 mg/L
	^ In millions of gallons per day (MGD).		
	* National Pollutant Discharge Elimination System monthly effluent quality standards in milligrams per liter:		
	CBOD - Carbonaceous Biochemical Oxygen Demand		
	SS - Suspended Solids		
2.	SOLIDS PROCESSING: The Calumet Service Area will remove and process 35,000 dry tons of solids through various systems, including concentration, heated anaerobic digestion, lagoon stabilization, and air drying.	\$21,047,779	28.7 %
3.	SOLIDS UTILIZATION: The Calumet Service Area will beneficially utilize approximately 24,500 dry tons of biosolids for farmland application, District-funded green infrastructure projects, public works projects, highway authority projects, golf courses and parks, and other final utilization sites.	\$ 8,846,815	12.1 %
4.	FLOOD & POLLUTION CONTROL: The Calumet Service Area will work to prevent local area flooding through the operation of nine detention reservoirs, in cooperation with local communities. It will also work to maintain the quality of the waterways system and associated District property, in cooperation with the channel maintenance and debris boat crews.	\$ 1,248,413	1.7 %
5.	GENERAL SUPPORT: The Calumet Service Area will provide technical and administrative support for other departments not directly related to the operational activities of Collection & Treatment, Solids Processing, Solids Utilization, and Flood & Pollution Control.	\$ 595,009	0.8 %
	Division Totals	<u>\$73,214,700</u>	<u>100.0 %</u>
<p>Note: The dry tons of solids processed (Objective 2) exceed the dry tons utilized (Objective 3) due to digestion, which reduces the mass of solids to produce a renewable digester gas, additional losses from further post-digestion processing, and storing or stockpiling solids at the lagoons and drying sites.</p>			

**68000 M&O - CALUMET SERVICE AREA**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change		
Number	Name	Actual	FTEs	Dollars	Dollars	Percent	
1000	Collection	\$12,211,161	2025	56 \$13,996,249	\$ (117,914)	(0.8)	
			2024	56 \$14,114,163			
1100	Surface Interceptor Systems	\$ 555,829	2025	4 \$ 539,700	\$ 27,500	5.4	
			2024	4 \$ 512,200			
1200	Tunnel and Reservoir System	\$ 4,155,598	2025	10 \$ 4,552,200	\$ 220,400	5.1	a)
			2024	10 \$ 4,331,800			
1300	Pumping Station Facilities	\$ 2,715,493	2025	15 \$ 3,842,700	\$ (46,100)	(1.2)	
			2024	15 \$ 3,888,800			
1900	Collection - Indirect Costs	\$ 4,784,241	2025	27 \$ 5,061,649	\$ (319,714)	(5.9)	b)
			2024	27 \$ 5,381,363			
2000	Treatment	\$21,707,933	2025	87 \$27,145,635	\$ 576,610	2.2	
			2024	87 \$26,569,025			
2000	Pre-Treatment	\$ 451,564	2025	4 \$ 622,200	\$ (161,800)	(20.6)	c)
			2024	4 \$ 784,000			
2100	Primary Treatment	\$ 1,209,597	2025	12 \$ 1,325,300	\$ 19,700	1.5	
			2024	12 \$ 1,305,600			
2200	Secondary Treatment	\$ 9,132,762	2025	23 \$11,672,700	\$ 722,900	6.6	d)
			2024	23 \$10,949,800			
2300	Tertiary Treatment	\$ 2,971,474	2025	6 \$ 3,827,100	\$ 25,300	0.7	
			2024	6 \$ 3,801,800			
2900	Treatment - Indirect Costs	\$ 7,942,536	2025	42 \$ 9,698,335	\$ (29,490)	(0.3)	
			2024	42 \$ 9,727,825			

a) Increase is due to TARP telemetry upgrades and support (\$184,000).  
 b) Decrease is due to the procurement of one large swing lathe (\$363,600) in the prior year.  
 c) Decrease is due to the procurement of one grit classifier (\$110,000) in the prior year.  
 d) Increase is due to the distributed control system upgrade (\$815,600).

**68000 M&O - CALUMET SERVICE AREA**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change		
Number	Name	Actual	FTEs	Dollars	Dollars	Percent	
3000	Solids Processing	\$ 7,172,719	2025 38	\$ 21,047,779	\$ (835,535)	(3.8)	
			2024 38	\$ 21,883,314			
3100	Thickening	\$ 750,049	2025 7	\$ 760,000	\$ 9,500	1.3	
			2024 7	\$ 750,500			
3200	Stabilization	\$ 1,991,628	2025 9	\$ 2,073,700	\$ (34,500)	(1.6)	
			2024 9	\$ 2,108,200			
3300	Dewatering	\$ 436,507	2025 3	\$ 13,753,100	\$ (730,600)	(5.0)	e)
			2024 3	\$ 14,483,700			
3900	Solids Processing - Indirect Costs	\$ 3,994,535	2025 19	\$ 4,460,979	\$ (79,935)	(1.8)	
			2024 19	\$ 4,540,914			
4000	Flood & Pollution Control	\$ 1,515,492	2025 2	\$ 1,248,413	\$ 55,727	4.7	
			2024 2	\$ 1,192,686			
4200	Waterways Control and Stormwater Reservoirs	\$ 257,738	2025 1	\$ 217,200	\$ 18,100	9.1	
			2024 1	\$ 199,100			
4400	Aeration Facilities	\$ 909,357	2025 1	\$ 793,900	\$ 65,200	8.9	
			2024 1	\$ 728,700			
4900	Flood & Pollution Control - Indirect Costs	\$ 348,397	2025 —	\$ 237,313	\$ (27,573)	(10.4)	
			2024 —	\$ 264,886			
5000	Solids Utilization	\$ 6,220,802	2025 11	\$ 8,846,815	\$ 698,474	8.6	
			2024 11	\$ 8,148,341			
5100	Solids Drying	\$ 2,745,826	2025 3	\$ 3,901,200	\$ 397,300	11.3	f)
			2024 3	\$ 3,503,900			
5200	Solids Distribution	\$ 1,318,858	2025 2	\$ 3,128,600	\$ 1,044,700	50.1	g)
			2024 2	\$ 2,083,900			
5900	Solids Utilization - Indirect Costs	\$ 2,156,118	2025 6	\$ 1,817,015	\$ (743,526)	(29.0)	h)
			2024 6	\$ 2,560,541			
7000	General Support (excluding program number 7604)	\$ 490,524	2025 3	\$ 595,009	\$ 30,238	5.4	
			2024 3	\$ 564,771			
7604	Social Security and Medicare Contributions	\$ 301,765	2025 —	\$ 334,800	\$ 7,100	2.2	
			2024 —	\$ 327,700			
Division Totals		\$49,620,396	2025 197	\$ 73,214,700	\$ 414,700	0.6 %	*
			2024 197	\$ 72,800,000			

e) Decrease is due to a reduced need for chemical coagulants in the phosphorus removal process (\$787,000).

f) Increase is due to an increased cost for truck hauling at CALSMA (\$391,000).

g) Increase is due to an increase in truck hauling costs for the beneficial reuse of dried biosolids and farm application (\$1,040,000).

h) Decrease is due to the procurement of one material handler (\$897,900) and one boom mower (\$200,000) in the prior year, offset by the procurement of one long reach excavator (\$340,000).

\* The 2025 position total for the Calumet Service Area is 197, with no positions budgeted in the Stormwater Management Fund.

**68000 M&O - CALUMET SERVICE AREA**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023	2024	2025	
			Actual	Budgeted	Estimated	
1000-2900	Collection & Treatment					
	Collect and Treat Wastewater at the Calumet and Lemont Water Reclamation Plants					
	Calumet Water Reclamation Plant	Mil. Gallons	82,684	100,000	100,000	
		Cost	\$ 33,352,282	\$ 39,973,368	\$ 40,397,634	a)
		Cost/Mil. Gallons	\$ 403.37	\$ 399.73	\$ 403.98	
	Lemont Water Reclamation Plant	Mil. Gallons	939	1,000	1,000	
		Cost	\$ 566,812	\$ 709,820	\$ 744,250	
		Cost/Mil. Gallons	\$ 603.63	\$ 709.82	\$ 744.25	
3000	Solids Processing					
	Remove and Process Solids Through Various Systems, Including Concentration, Heated Anaerobic Digestion, Lagoon Stabilization, and Air Drying	Dry Tons	39,828	35,000	35,000	
		Cost	\$ 7,172,719	\$ 21,883,314	\$ 21,047,779	b)
		Cost/Dry Ton	\$ 180.09	\$ 625.24	\$ 601.37	
4000	Flood & Pollution Control					
	Operation and Maintenance of the Waterways to Minimize Area Flooding and Pollution					
4200	Minimize Area Flooding and Pollution of Lake Michigan Through the Continuous Control of Water Levels in Major Rivers and Canals and the Operation of Detention Reservoirs	Reservoirs	9	9	9	
		Cost	\$ 257,738	\$ 199,100	\$ 217,200	
		Cost/Reservoir	\$ 28,637.56	\$ 22,122.22	\$ 24,133.33	
4400	Aeration Facilities	Cost	\$ 909,357	\$ 728,700	\$ 793,900	
4900	Flood & Pollution Control - Indirect Costs	Cost	\$ 348,397	\$ 264,886	\$ 237,313	
5000	Solids Utilization					
	Utilize Biosolids for Application at Final Utilization Sites, such as for Daily and Final Cover in Sanitary Landfills	Dry Tons	16,319	25,500	24,500	
		Cost	\$ 6,220,802	\$ 8,148,341	\$ 8,846,815	c)
		Cost/Dry Ton	\$ 381.20	\$ 319.54	\$ 361.09	
7000	General Support (excluding program number 7604)					
	Technical and Administrative Support for Other Departments' Activities Indirectly Related to the Operational Activities of Collection and Treatment, Solids Processing, Flood & Pollution Control, and Solids Utilization	Cost	\$ 490,524	\$ 564,771	\$ 595,009	
7604	Social Security and Medicare Contributions	Cost	\$ 301,765	\$ 327,700	\$ 334,800	
	Division Totals		\$ 49,620,396	\$ 72,800,000	\$ 73,214,700	

a) Increase is due to the distributed control system upgrade (\$815,600), offset by the procurement of one large swing lathe (\$363,600) in the prior year.

b) Decrease is due to a reduced need for chemical coagulants in the phosphorus removal process (\$787,000).

c) Increase is due to an increase in truck hauling costs at CALSMA and the beneficial reuse of biosolids (\$1,431,000) and the procurement of one long reach excavator (\$340,000), offset by the procurement of one material handler (\$897,900) and one boom mower (\$200,000) in the prior year.

101 68000	Fund: Corporate Department: Maintenance & Operations Division: Calumet Service Area	LINE ITEM ANALYSIS						
		2023	2024			2025		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 20,694,637	\$ 21,599,000	\$ 21,599,000	\$ 15,428,612	\$ 20,559,000	\$ 21,916,300	\$ —
601060	Compensation Plan Adjustments	888,725	1,161,400	1,161,400	741,373	832,400	1,446,100	—
601070	Social Security and Medicare Contributions	301,765	327,700	327,700	238,600	309,900	334,800	—
601080	Salaries of Nonbudgeted Employees	25,480	—	—	—	—	—	—
601100	Tuition and Training Payments	12,678	103,500	103,500	4,772	31,600	29,000	—
100	TOTAL PERSONAL SERVICES	21,923,285	23,191,600	23,191,600	16,413,357	21,732,900	23,726,200	—
612010	Travel	—	5,800	5,800	—	500	3,600	—
612030	Meals and Lodging	6,724	13,000	12,000	5,815	6,400	10,000	—
612050	Compensation for Personally-Owned Automobiles	40,320	48,000	48,000	27,652	33,200	48,000	—
612080	Motor Vehicle Operating Services	87	500	500	87	100	500	—
612150	Electrical Energy	11,982,790	13,244,600	13,244,600	9,744,242	11,837,100	12,849,100	—
612160	Natural Gas	637,215	1,045,300	745,300	288,124	626,000	751,300	—
612170	Water and Water Services	343,376	330,300	330,300	222,092	311,500	348,800	—
612240	Testing and Inspection Services	18,238	97,700	97,700	83,810	85,400	86,600	—
612330	Rental Charges	3,006	9,700	9,700	7,200	8,400	11,000	—
612410	Governmental Service Charges	108,651	100,000	100,000	95,975	100,000	100,000	—
612420	Maintenance of Grounds and Pavements	346,890	446,000	246,000	238,777	193,000	414,400	—
612490	Contractual Services, N.O.C.	8,026	31,900	31,900	28,519	24,000	22,400	—
612520	Waste Material Disposal Charges	3,839,824	5,520,300	6,360,300	6,154,984	5,293,500	6,939,200	—
612600	Repairs to Collection Facilities	158,434	555,500	667,300	558,953	584,100	798,900	—
612650	Repairs to Process Facilities	3,047,343	3,323,900	3,323,900	3,247,116	2,982,300	4,314,100	—
612680	Repairs to Buildings	468,837	945,400	679,600	654,520	673,300	885,800	—
612760	Repairs to Material Handling and Farming Equipment	79,077	100,000	100,000	100,000	87,000	100,000	—
612780	Safety Repairs and Services	25,103	38,500	38,500	33,200	33,200	62,000	—
612820	Computer Software Maintenance	3,325	3,500	3,500	3,491	3,500	3,600	—
612860	Repairs to Vehicle Equipment	88,872	53,500	53,500	53,500	53,200	53,500	—
612990	Repairs, N.O.C.	864	2,000	2,000	1,000	1,100	2,000	—
200	TOTAL CONTRACTUAL SERVICES	21,207,001	25,915,400	26,100,400	21,549,057	22,936,800	27,804,800	—
623030	Metals	9,752	12,600	12,600	10,998	10,100	12,600	—
623070	Electrical Parts and Supplies	928,838	978,800	1,328,800	1,146,140	1,253,700	1,265,600	—
623090	Plumbing Accessories and Supplies	222,672	263,100	428,100	351,960	385,000	455,100	—

101 68000	Fund: Corporate Department: Maintenance & Operations Division: Calumet Service Area	LINE ITEM ANALYSIS						
		2023	2024				2025	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623130	Buildings, Grounds, Paving Materials, and Supplies	43,531	78,200	78,200	59,702	66,100	100,700	—
623190	Paints, Solvents, and Related Materials	2,772	8,000	8,000	5,178	4,500	5,000	—
623250	Vehicle Parts and Supplies	55,716	75,000	75,000	73,430	44,100	75,000	—
623270	Mechanical Repair Parts	1,142,327	1,518,800	1,573,800	1,522,781	1,090,400	1,533,800	—
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	14,728	52,000	47,000	38,584	49,000	22,000	—
623560	Processing Chemicals	2,491,202	16,574,400	12,411,400	11,760,704	11,118,900	15,701,500	—
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	11,513	10,500	10,500	10,031	10,500	28,500	—
623660	Cleaning Supplies	558	1,000	1,000	973	1,000	1,000	—
623680	Tools and Supplies	70,034	80,000	128,000	95,457	119,000	100,000	—
623780	Safety and Medical Supplies	1,210	15,800	15,600	7,923	12,500	15,800	—
623800	Computer Software	—	10,000	10,000	532	1,000	1,000	—
623810	Computer Supplies	3,790	2,000	2,912	2,912	3,000	—	—
623820	Fuel	81,041	115,000	115,000	105,000	105,000	115,000	—
623860	Lubricants	—	2,000	12,400	11,174	12,400	2,000	—
623990	Materials and Supplies, N.O.C.	30,912	42,500	52,500	40,062	49,600	49,200	—
300	TOTAL MATERIALS AND SUPPLIES	5,110,598	19,839,700	16,310,812	15,243,541	14,335,800	19,483,800	—
634650	Equipment for Process Facilities	280,795	2,062,100	2,002,100	1,919,742	673,200	1,619,500	—
634760	Material Handling and Farming Equipment	897,880	1,147,900	1,222,700	1,222,665	976,600	390,000	—
634860	Vehicle Equipment	61,843	272,300	268,500	252,211	252,300	120,000	—
634990	Machinery and Equipment, N.O.C.	138,995	371,000	613,200	612,377	605,200	70,400	—
400	TOTAL MACHINERY AND EQUIPMENT	1,379,512	3,853,300	4,106,500	4,006,995	2,507,300	2,199,900	—
TOTAL CALUMET SERVICE AREA		\$ 49,620,396	\$ 72,800,000	\$ 69,709,312	\$ 57,212,950	\$ 61,512,800	\$ 73,214,700	\$ —

NOTES: 1. Amounts may not add up due to rounding.  
 2. Departmental appropriation totals for salaries in the Line Item Analysis may differ from those contained in the Position Analysis by a factor identified to adjust for vacancies.  
 Additionally, Estimated Expenditure may either exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.  
 3. For the M&O Department, Expenditure (Committed Budget plus Disbursement) may exceed Adjusted Appropriation for a specific division as funding is controlled at the M&O Overall department-level.

Fund: Corporate Dept: Maintenance & Operations Division: Calumet Service Area		POSITION ANALYSIS				
		2023	2024		2025	
					Proposed by the Executive Director	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
<b>810</b>	<b>Calumet Executive Office</b>					
HP22	Assistant Director of Maintenance & Operations	1	1		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 810	Calumet Executive Office	2	2	364,369	2	364,369
<b>811</b>	<b>Calumet Administrative &amp; Budget Control Unit</b>					
HP12	Secretary #2 (Administrative Specialist) (New Grade HP11)	1	1		1	
HP11	Administrative Specialist	1	1		1	
HP09	Administrative Clerk	1	1		1	
TOTAL 811	Calumet Administrative & Budget Control Unit	3	3	258,758	3	258,758
<b>820</b>	<b>Plant Engineering &amp; Maintenance Section</b>					
<b>821</b>	<b>Administrative Unit</b>					
HP20	Managing Engineer	1	1		1	
HP14	Assistant Civil Engineer	1	1		1	
HP14	Engineering Technician V	1	1		1	
TOTAL 821	Administrative Unit	3	3	431,297	3	393,711
<b>823</b>	<b>Electrical Engineering Unit</b>					
HP17	Senior Electrical Engineer	—	1		1	
HP17	Senior Process Control Engineer	1	1		1	
HP15	Associate Process Control Engineer	1	1		1	
HP15	Associate Process Control Engineer #1	1	—		—	
NR6251	Chief Electrical Operator	1	1		1	
NR6233	Electrical Operator II	5	5		5	
NR6232	Electrical Operator I	6	6		6	
TOTAL 823	Electrical Engineering Unit	15	15	1,764,574	15	1,777,122
<b>824</b>	<b>Maintenance Unit</b>					
HP18	Master Mechanic I	1	1		1	
HP17	Assistant Master Mechanic	3	3		3	
PR5353	Bricklayer	1	1		1	



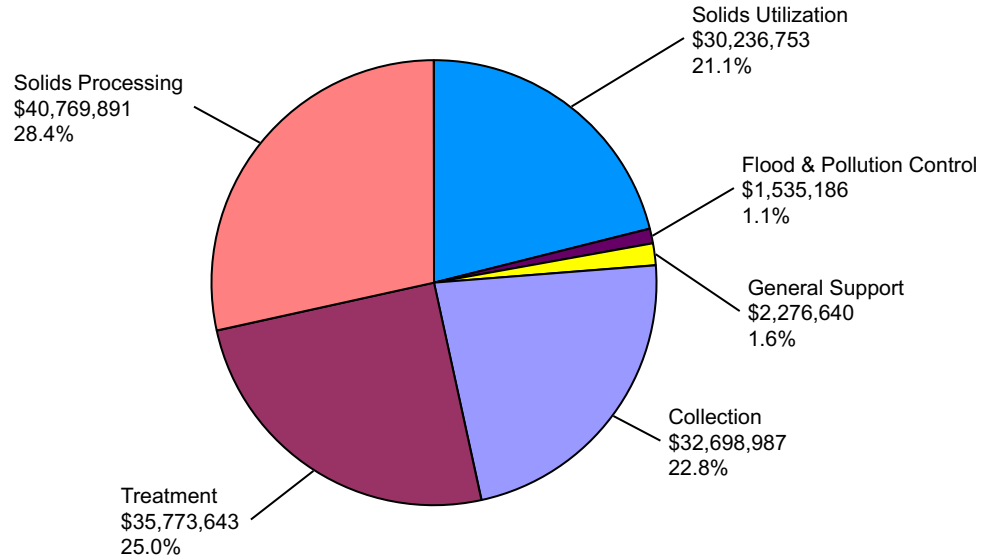
Fund: Corporate Dept: Maintenance & Operations Division: Calumet Service Area		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
PR5155	Carpenter Leadman	1	1		1	
PR5153	Carpenter	2	2		2	
PR7425	Electrical Instrument & Testing Mechanic Foreman	1	1		1	
PR7423	Electrical Instrument & Testing Mechanic	7	7		7	
PR7347	Electrical Mechanic Foreman	1	1		1	
PR7349	Electrical Mechanic Sub-Foreman	1	1		1	
PR7343	Electrical Mechanic	11	11		11	
PR6453	Hoisting Engineer	3	3		3	
PR7579	Machinist Foreman	1	1		1	
PR7573	Machinist	10	10		10	
PR5553	Painter	2	2		2	
PR7779	Pipefitter Foreman	1	1		1	
PR7773	Pipefitter	10	10		10	
PR5753	Plumber	2	2		2	
PR5975	Structural Ironworker Leadman	1	1		1	
PR5973	Structural Ironworker	5	5		5	
PR6479	Truck Driver Foreman	1	1		1	
PR6473	Truck Driver	6	6		6	
TOTAL 824	Maintenance Unit	71	71	8,290,674	71	8,571,597
<b>843</b>	<b>Buildings &amp; Grounds Unit</b>					
HP14	Engineering Technician V	1	1		1	
HP12	Engineering Technician IV	1	1		1	
NR8331	Laborer Foreman	2	2		2	
NR8651	Maintenance Laborer Class A	8	8		8	
NR8652	Maintenance Laborer Class B	10	10		10	
TOTAL 843	Buildings & Grounds Unit	22	22	1,792,086	22	1,797,776
TOTAL 820	Plant Engineering & Maintenance Section	111	111	12,278,632	111	12,540,206

Fund: Corporate Dept: Maintenance & Operations Division: Calumet Service Area		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>830</b>	<b>Plant Operations Section</b>					
<b>831</b>	<b>Administrative Unit</b>					
HP20	Managing Engineer	1	1		1	
HP18	Principal Engineer	1	1		1	
TOTAL 831	Administrative Unit	2	2	405,631	2	405,631
<b>832</b>	<b>Treatment Operations Unit</b>					
HP16	Treatment Plant Operator III	1	1		1	
HP15	Associate Civil Engineer	1	1		1	
HP14	Treatment Plant Operator II	8	8		8	
HP12	Treatment Plant Operator I	6	6		6	
NR8650	Maintenance Laborer Class A Shift	8	8		8	
NR8651	Maintenance Laborer Class A	1	1		1	
TOTAL 832	Treatment Operations Unit	25	25	2,468,184	25	2,510,705
<b>834</b>	<b>Mechanical Operations Unit</b>					
HP17	Chief Operating Engineer I	1	1		1	
HP16	Assistant Chief Operating Engineer	2	2		2	
NR6810	Fireman-Oiler	5	5		5	
NR8650	Maintenance Laborer Class A Shift	7	7		7	
NR6832	Operating Engineer II	12	12		12	
NR6831	Operating Engineer I	18	18		18	
TOTAL 834	Mechanical Operations Unit	45	45	5,214,263	45	5,214,263
<b>839</b>	<b>Lemont Operations Unit</b>					
HP14	Treatment Plant Operator II	1	1		1	
HP12	Treatment Plant Operator I	2	2		2	
TOTAL 839	Lemont Operations Unit	3	3	311,670	3	316,278
TOTAL 830	Plant Operations Section	75	75	8,399,749	75	8,446,878
<b>850</b>	<b>Solids Management Section</b>					
HP17	Senior Engineer	1	1		1	
HP14	Engineering Technician V	2	2		2	
HP12	Engineering Technician IV	1	1		1	

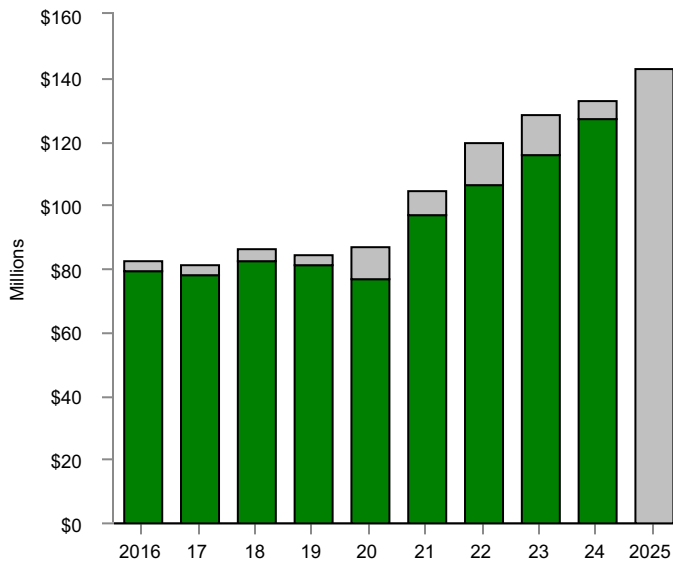
Fund: Corporate Dept: Maintenance & Operations Division: Calumet Service Area		POSITION ANALYSIS				
		2023	2024		2025	
					Proposed by the Executive Director	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
HP11	Engineering Technician III	2	2		2	
TOTAL 850	Solids Management Section	6	6	626,425	6	640,000
TOTAL	Maintenance & Operations Calumet Service Area	197	197	21,927,933	197	22,250,211
NOTE: Departmental appropriation totals for salaries in the Position Analysis differ from those contained in the Line Item Analysis by a factor identified to adjust for vacancies. Salary ranges corresponding to the pay plan and grade for each class title can be found in the table of Salary Schedules in the Appendix. Dollar amounts may not add up due to rounding.						

# MAINTENANCE & OPERATIONS - STICKNEY SERVICE AREA PROGRAMS

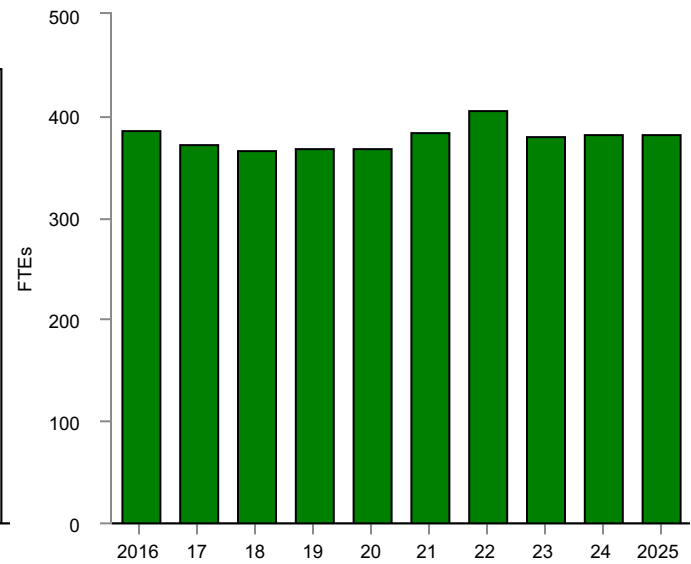
2025	\$143,291,100
2024	\$132,660,100
Increase	\$10,631,000



## APPROPRIATIONS & EXPENDITURES



## BUDGETED FTE POSITIONS



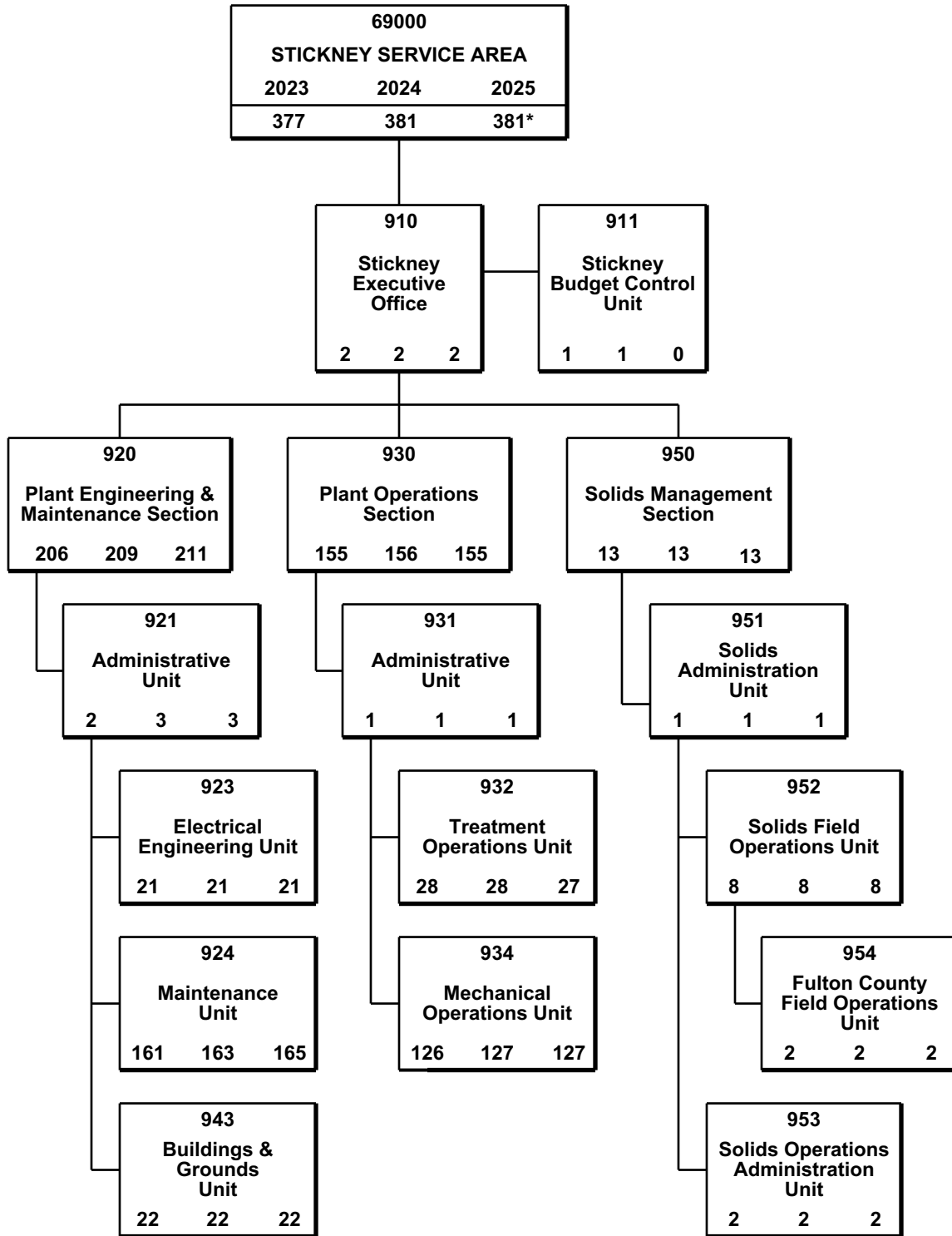
2024 Expenditures are estimated

■ EXPENDITURES      ■ APPROPRIATIONS

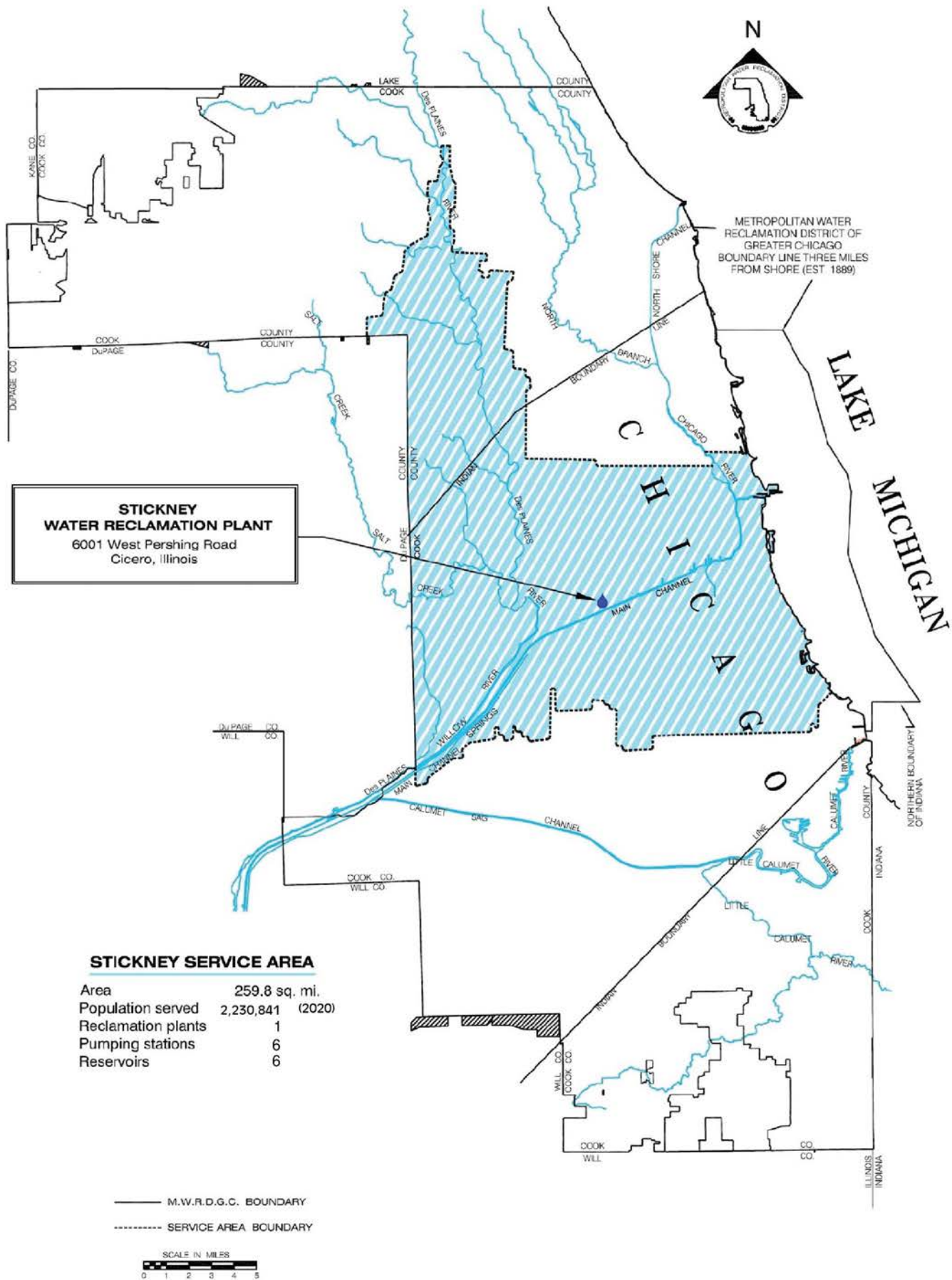
**2017** - Decreases are due to organizational redesign.  
**2021** - Increase is due to the transfer of the Solids Management Section from the General Division.  
**2023** - Decrease is due to organizational redesign.

**2019** - Decrease is due to the transfer of the Biosolids Processing Facility (Pelletizer) to the General Division.  
**2021** - Increase is due to the transfer of the Solids Management Section from the General Division.  
**2022-2023** - Increase is due to rising costs of electrical energy, natural gas, and chemicals.  
**2024** - Increase is due to rising costs of electrical energy and collection/process facility repairs.  
**2025** - Increase is due to rising costs for biosolids hauling.

# MAINTENANCE & OPERATIONS - STICKNEY SERVICE AREA



\* In 2025, nine positions in the Stickney Service Area are funded by the Stormwater Management Fund while the operations remain in the Maintenance & Operations Department, one in Unit 924 and eight in Unit 934.



**69000 M&O - STICKNEY SERVICE AREA**

**OBJECTIVES AND PROGRAM SUMMARY**

OBJECTIVES BY PRIORITY:				Cost	Percent
1.	COLLECTION & TREATMENT: The Stickney Service Area will collect and treat approximately 240.0 billion gallons of wastewater through its treatment facilities.			\$ 68,472,630	47.8 %
		Design:	Flows ^    CBOD *    SS *		
	Stickney Water Reclamation Plant		1,200 MGD    10 mg/L    12 mg/L		
	^ In millions of gallons per day (MGD).				
	* National Pollutant Discharge Elimination System monthly effluent quality standards in milligrams per liter:				
	CBOD - Carbonaceous Biochemical Oxygen Demand				
	SS - Suspended Solids				
2.	SOLIDS PROCESSING: The Stickney Service Area will remove 146,000 dry tons and process 190,000 dry tons of solids (includes 44,000 dry tons from North Service Area) through various systems, including heated anaerobic digestion, centrifuging, concentration, lagoon stabilization, and air drying.			\$ 40,769,891	28.4 %
3.	SOLIDS UTILIZATION: The Stickney Service Area will beneficially utilize 87,500 dry tons of biosolids for farmland application, District-funded green infrastructure projects, public works projects, highway authority projects, golf courses and parks, and other final utilization sites.			\$ 30,236,753	21.1 %
4.	FLOOD & POLLUTION CONTROL: The Stickney Service Area will work to prevent local area flooding through the operation of 6 detention reservoirs, in cooperation with local communities. It will also work to maintain the quality of the waterways system and associated District property, in cooperation with the debris boats and the channel maintenance and debris boat crews.			\$ 1,535,186	1.1 %
5.	GENERAL SUPPORT: The Stickney Service Area will provide technical and administrative support for other departments not directly related to the operational activities of Collection & Treatment, Solids Processing, Solids Utilization, and Flood & Pollution Control.			\$ 2,276,640	1.6 %
				<u>Division Totals</u>	<u>\$143,291,100</u> <u>100.0 %</u>
	Note: The dry tons of solids processed (Objective 2) exceed the dry tons utilized (Objective 3) due to digestion, which reduces the mass of solids to produce a renewable digester gas, additional losses from further post-digestion processing, and storing or stockpiling solids at the lagoons and drying sites.				

**69000 M&O - STICKNEY SERVICE AREA**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change	
Number	Name	Actual	FTEs	Dollars	Dollars	Percent
1000	Collection	\$ 27,179,005	2025 93	\$ 32,698,987	\$ (165,592)	(0.5)
			2024 93	\$ 32,864,579		
1100	Surface Interceptor Systems	\$ 300,513	2025 —	\$ 312,400	\$ (2,000)	(0.6)
			2024 —	\$ 314,400		
1200	Tunnel and Reservoir System	\$ 8,477,490	2025 15	\$ 8,945,100	\$ (156,400)	(1.7) a)
			2024 15	\$ 9,101,500		
1300	Pumping Station Facilities	\$ 11,272,837	2025 44	\$ 15,094,700	\$ (382,200)	(2.5) b)
			2024 44	\$ 15,476,900		
1900	Collection - Indirect Costs	\$ 7,128,165	2025 34	\$ 8,346,787	\$ 375,008	4.7 c)
			2024 34	\$ 7,971,779		
2000	Treatment	\$ 30,270,795	2025 114	\$ 35,109,443	\$ (2,624,582)	(7.0)
			2024 115	\$ 37,734,025		
2000	Pre-Treatment	\$ 2,296,065	2025 20	\$ 2,888,900	\$ 137,300	5.0
			2024 20	\$ 2,751,600		
2100	Primary Treatment	\$ 1,659,105	2025 12	\$ 1,314,500	\$ (265,800)	(16.8) d)
			2024 12	\$ 1,580,300		
2200	Secondary Treatment	\$ 11,594,459	2025 26	\$ 14,540,500	\$ (21,200)	(0.1)
			2024 26	\$ 14,561,700		
2300	Tertiary Treatment	\$ 17,265	2025 —	\$ 76,800	\$ 60,500	371.2 e)
			2024 —	\$ 16,300		
2900	Treatment - Indirect Costs	\$ 14,703,901	2025 56	\$ 16,288,743	\$ (2,535,382)	(13.5) f)
			2024 57	\$ 18,824,125		

a) Decrease is due to a reduced demand for electric services for Mainstream Pumping Station (MSPS) and Tunnel and Reservoir Plan (TARP) (\$305,800), offset by an increased demand for Limitorque parts and services (\$50,000), the purchase of one pedestal chopper pump (\$35,000), and Rockwell repairs at MSPS (\$27,000).

b) Decrease is due to a reduced demand for rehabilitation of rotating assemblies (\$250,400) and the repairs and alterations to plant facilities contract (\$188,000), offset by increased demand for electrical services for Racine Avenue Pumping Station (\$34,500).

c) Increase is due to a greater demand for spare electrical, plumbing and mechanical parts (\$146,000), the purchase of grounds maintenance equipment (\$60,000), parts for westside grit (\$57,500), services for air compressors (\$50,000), furnish and deliver one feed pump for phosphorus recovery system (\$36,000), and screw conveyor parts at southwest grit (\$36,000).

d) Decrease is due to a reduced demand for media replacement at westside primary tanks (\$250,000).

e) Increase is due to procurement of chemical pump skids (\$60,000).

f) Decrease is due to a reduced demand for Emerson Distributed Control Systems network upgrade (\$2,265,900), and furnish, deliver, and install gas monitoring equipment (\$270,000).



**69000 M&O - STICKNEY SERVICE AREA**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change		
Number	Name	Actual	FTEs	Dollars	Dollars	Percent	
3000	Solids Processing	\$ 33,473,107	2025 136	\$ 40,769,891	\$ 4,895,814	13.6	
			2024 136	\$ 35,874,077			
3100	Thickening	\$ 6,389,945	2025 25	\$ 7,282,900	\$ 873,500	13.6	g)
			2024 25	\$ 6,409,400			
3200	Stabilization	\$ 4,234,903	2025 34	\$ 5,232,200	\$ 22,400	0.4	
			2024 34	\$ 5,209,800			
3300	Dewatering	\$ 15,047,481	2025 41	\$ 19,759,200	\$ 3,350,900	20.4	h)
			2024 41	\$ 16,408,300			
3900	Solids Processing - Indirect Costs	\$ 7,800,778	2025 36	\$ 8,495,591	\$ 649,014	8.3	i)
			2024 36	\$ 7,846,577			
4000	Flood & Pollution Control	\$ 1,243,364	2025 8	\$ 1,535,186	\$ (65,747)	(4.1)	
			2024 7	\$ 1,600,933			
4200	Waterways Control and Stormwater Reservoirs	\$ 837,788	2025 8	\$ 900,700	\$ (220,800)	(19.7)	j)
			2024 7	\$ 1,121,500			
4900	Flood & Pollution Control - Indirect Costs	\$ 405,576	2025 —	\$ 634,486	\$ 155,053	32.3	k)
			2024 —	\$ 479,433			
5000	Solids Utilization	\$ 20,093,654	2025 23	\$ 30,236,753	\$ 8,331,269	38.0	
			2024 23	\$ 20,466,668			
5100	Solids Drying	\$ 4,510,213	2025 7	\$ 5,289,200	\$ 718,400	15.7	l)
			2024 7	\$ 4,570,800			
5200	Solids Distribution	\$ 13,390,151	2025 7	\$ 22,040,800	\$ 7,497,600	51.6	m)
			2024 7	\$ 14,543,200			
5900	Solids Utilization - Indirect Costs	\$ 2,193,290	2025 9	\$ 2,906,753	\$ 115,269	4.1	
			2024 9	\$ 2,791,484			

g) Increase is due to a greater demand for polymer (\$1,038,800), offset by a reduced demand for centrifuge rehabilitation services (\$244,700).

h) Increase is due to a greater demand for polymer (\$2,343,500), ferric chloride (\$607,900), and electrical repair parts for solids processing post-digestion centrifuges (\$350,000).

i) Increase is due to a greater demand for electric, plumbing and mechanical repair parts (\$206,800), increases for represented employees (\$133,100), parts for westside aerated grit (\$62,100), reallocation of salaries to more accurately reflect current operating conditions (\$61,800), screw conveyor parts for southwest aerated grit (\$51,000), a feed pump for the phosphorus recovery system (\$51,000), and railroad gate/signal crossing repair (\$10,000).

j) Decrease is due to a reduced demand for electric repair parts for power generation (\$276,500).

k) Increase is due to increases for represented employees (\$53,300), paid overtime (\$43,300), retirement, severance and termination (\$20,300), spare electrical, plumbing and mechanical repair parts (\$24,300), screw conveyor parts for southwest aerated grit (\$6,000), and a feed pump for phosphorus recovery system (\$6,000).

l) Increase is due to a greater demand for truck hauling of biosolids (\$440,000), the services of aerators and rotavators (\$150,000), and repair services of heavy equipment (\$100,000).

m) Increase is due to a greater demand for beneficial reuse of biosolids (\$6,940,000) and biosolids utilization (\$500,000).

**69000 M&O - STICKNEY SERVICE AREA**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change		
Number	Name	Actual	FTEs	Dollars	Dollars	Percent	
7000	General Support (excluding program number 7604)	\$ 2,759,532	2025	7 \$ 2,276,640	\$ 244,938	12.1	n)
			2024	7 \$ 2,031,702			
7604	Social Security and Medicare Contributions	\$ 595,205	2025	— \$ 664,200	\$ 14,900	2.3	
			2024	— \$ 649,300			
Division Totals		\$115,614,662	2025	381 \$ 143,291,100	\$ 10,631,000	8.0 %	*
			2024	381 \$ 132,660,100			

n) Increase is due to a greater demand for spare electrical, plumbing and mechanical repair parts (\$60,800), uninterruptible power supply replacement parts (\$50,000), fire suppression sprinkler services (\$50,000), screw conveyor parts (\$15,000), a feed pump for the phosphorus control system (\$15,000), and fire suppression sprinkler maintenance (\$10,000).

\* The 2025 position total for the Stickney Service Area is 381, with an additional nine positions budgeted in the Stormwater Management Fund.

**69000 M&O - STICKNEY SERVICE AREA**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated	
1000-2900	Collection & Treatment					
	Collect and Treat Wastewater at the Stickney Water Reclamation Plant	Mil. Gallons	244,620	240,000	240,000	
		Cost	\$ 57,449,800	\$ 70,598,604	\$ 67,808,430	a)
		Cost/Mil. Gallons	\$ 234.85	\$ 294.16	\$ 282.54	
3000	Solids Processing					
	Remove 146,000 Dry Tons of Solids and Process 190,000 Dry Tons of Solids (Includes 44,000 Dry Tons from North Service Area) Through Various Systems, Including Heated Anaerobic Digestion, Centrifuging, Concentration, Lagoon Stabilization, and Air Drying	Dry Tons	184,686	150,000	190,000	b)
		Cost	\$ 33,473,107	\$ 35,874,077	\$ 40,769,891	b)
		Cost/Dry Ton	\$ 181.24	\$ 239.16	\$ 214.58	
4000	Flood & Pollution Control					
	Operation and Maintenance of the Waterways to Minimize Area Flooding and Pollution					
4200	Minimize Area Flooding and Pollution of Lake Michigan Through the Continuous Control of Water Levels in Major Rivers and Canals and the Operation of Detention Reservoirs	Reservoirs	5	5	6	
		Cost	\$ 837,788	\$ 1,121,500	\$ 900,700	c)
		Cost/Reservoir	\$ 167,557.60	\$ 224,300.00	\$ 150,116.67	c)
4900	Flood & Pollution Control - Indirect Costs	Cost	\$ 405,576	\$ 479,433	\$ 634,486	d)
5000	Solids Utilization					
	Utilize Biosolids for Application at Final Utilization Sites such as Farmland, District-Funded Green Infrastructure Projects, Public Works Projects, Golf Courses, Highway Authorities, and Parks.	Dry Tons	75,179	57,000	87,500	e)
		Cost	\$ 15,539,491	\$ 15,022,484	\$ 23,260,453	e)
		Cost/Dry Ton	\$ 206.70	\$ 263.55	\$ 265.83	
5271	Pelletizer Disposal	Dry Tons	33,453	43,000	42,000	
	Control Management and Disposal of Solids by Private Contracts	Cost	\$ 4,554,163	\$ 6,883,000	\$ 6,976,300	
		Cost/Dry Ton	\$ 136.14	\$ 160.07	\$ 166.10	
7000	General Support (excluding program number 7604)					
	Technical and Administrative Support for Other Departments' Activities Indirectly Related to the Operational Activities of Collection and Treatment, Solids Processing, Flood & Pollution Control, and Solids Utilization	Cost	\$ 2,759,532	\$ 2,031,702	\$ 2,276,640	f)
7604	Social Security and Medicare Contributions	Cost	\$ 595,205	\$ 649,300	\$ 664,200	
	Division Totals		\$ 115,614,662	\$ 132,660,100	\$ 143,291,100	

- a) Decrease is due to the reduced demand for Emerson Distributed Control System network upgrade (\$2,265,900), and natural gas for process and building heating at SWRP (\$402,700).
- b) Increase is due to a greater demand for polymer (\$3,382,300), ferric chloride (\$607,900) and electrical repair parts for solids processing post digestion centrifuges (\$350,000), spare electrical parts (\$149,600), increases for represented employees (\$133,100), furnish and deliver one Ostara seed mill (\$120,000), liquid carbon dioxide at SWRP (\$81,000), and parts for westside aerated grit (\$62,100).
- c) Decrease is due to the reduced demand for electrical repair parts for power generation (\$276,500).
- d) Increase is due to increases for represented employees (\$53,300), paid overtime (\$43,300), retirement, severance and termination (\$20,300), spare electrical, plumbing and mechanical repair parts (\$24,300), screw conveyor parts for southwest aerated grit (\$6,000), and a feed pump for phosphorus recovery system (\$6,000).
- e) Increase is due to a greater demand for beneficial reuse of biosolids (\$6,940,000), biosolids utilization (\$500,000), truck hauling of biosolids (\$440,000), services of aerators/rotavators (\$150,000), and repair services for heavy equipment (\$100,000).
- f) Increase is due to a greater demand for spare electrical, plumbing and mechanical repair parts (\$60,800), uninterruptible power supply replacement parts (\$50,000), and fire suppression sprinkler services (\$50,000).

101 69000	Fund: Corporate Department: Maintenance & Operations Division: Stickney Service Area	LINE ITEM ANALYSIS						
		2023	2024			2025		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 40,312,959	\$ 42,376,800	\$ 42,331,000	\$ 31,144,123	\$ 39,850,100	\$ 43,136,900	\$ —
601060	Compensation Plan Adjustments	2,140,670	2,222,800	2,222,800	1,372,945	2,130,000	3,362,400	—
601070	Social Security and Medicare Contributions	595,205	649,300	649,300	481,744	625,000	664,200	—
601080	Salaries of Nonbudgeted Employees	84,923	5,000	50,800	28,606	28,700	5,000	—
601100	Tuition and Training Payments	28,728	114,900	114,900	44,273	60,000	117,100	—
100	TOTAL PERSONAL SERVICES	43,162,485	45,368,800	45,368,800	33,071,691	42,693,800	47,285,600	—
612010	Travel	5,461	10,100	10,000	2,496	8,900	10,100	—
612030	Meals and Lodging	24,958	36,600	35,500	19,501	31,500	36,600	—
612050	Compensation for Personally-Owned Automobiles	31,530	30,000	30,000	19,824	25,000	30,000	—
612080	Motor Vehicle Operating Services	47	300	300	20	100	300	—
612150	Electrical Energy	25,949,400	30,328,000	30,043,400	24,443,212	32,385,000	29,931,700	—
612160	Natural Gas	759,968	1,733,800	1,333,800	287,463	1,250,000	1,334,700	—
612170	Water and Water Services	1,232,790	1,754,000	1,454,000	589,946	1,390,000	1,498,400	—
612240	Testing and Inspection Services	25,321	228,400	228,400	192,401	65,000	200,700	—
612330	Rental Charges	133,058	148,100	416,800	413,086	360,100	161,700	—
612410	Governmental Service Charges	89,880	90,200	92,700	75,500	90,200	90,200	—
612420	Maintenance of Grounds and Pavements	697,012	1,081,700	1,081,700	1,075,569	850,000	1,352,000	—
612430	Payments for Professional Services	58,498	125,000	125,000	124,394	85,000	143,600	—
612490	Contractual Services, N.O.C.	599,273	765,100	765,100	739,466	540,000	792,100	—
612520	Waste Material Disposal Charges	11,389,367	9,754,700	12,513,300	12,468,902	12,900,000	17,989,600	—
612590	Sludge Disposal	3,554,243	5,800,000	5,200,000	5,200,000	3,200,000	5,900,000	—
612600	Repairs to Collection Facilities	2,302,210	3,882,700	2,883,300	2,608,546	2,371,000	3,495,300	—
612650	Repairs to Process Facilities	6,382,738	7,861,900	7,776,900	7,776,900	5,600,000	4,648,800	—
612670	Repairs to Railroads	93,150	536,000	496,000	467,266	450,400	396,000	—
612680	Repairs to Buildings	363,519	800,600	826,400	750,099	390,000	1,139,000	—
612760	Repairs to Material Handling and Farming Equipment	297,566	240,500	240,500	240,500	220,000	240,500	—
612780	Safety Repairs and Services	261,183	258,200	258,200	238,640	225,000	294,000	—
612820	Computer Software Maintenance	6,650	7,000	7,000	6,982	7,000	7,000	—
612860	Repairs to Vehicle Equipment	20,254	27,100	27,100	27,100	16,500	45,200	—
612990	Repairs, N.O.C.	5,103	24,000	24,000	14,220	5,900	24,000	—
200	TOTAL CONTRACTUAL SERVICES	54,283,182	65,524,000	65,869,400	57,782,033	62,466,600	69,761,500	—

101 69000	Fund: Corporate Department: Maintenance & Operations Division: Stickney Service Area	LINE ITEM ANALYSIS						
		2023	2024				2025	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623030	Metals	10,124	25,000	25,000	24,363	10,000	25,000	—
623070	Electrical Parts and Supplies	1,635,930	2,519,600	2,919,600	2,553,394	2,600,000	2,538,800	—
623090	Plumbing Accessories and Supplies	472,526	762,100	762,100	629,985	700,000	642,500	—
623110	Hardware	1,024	11,000	11,000	6,050	9,700	8,000	—
623130	Buildings, Grounds, Paving Materials, and Supplies	61,708	87,800	87,800	87,710	50,000	86,800	—
623170	Fiber, Paper, and Insulation Materials	4,237	5,500	5,500	5,500	3,000	7,000	—
623190	Paints, Solvents, and Related Materials	2,845	3,000	3,000	3,000	2,900	5,000	—
623250	Vehicle Parts and Supplies	82,633	124,400	124,400	119,710	116,000	151,900	—
623270	Mechanical Repair Parts	1,906,851	2,968,400	3,368,400	3,028,459	3,200,000	3,350,700	—
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	11,304	14,000	15,200	13,889	14,400	14,000	—
623530	Farming Supplies	3,880	4,000	4,000	3,960	4,000	4,000	—
623560	Processing Chemicals	12,117,965	12,976,800	14,356,800	14,105,632	13,500,000	16,901,100	—
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	2,037	4,000	4,000	3,211	2,900	4,000	—
623660	Cleaning Supplies	2,335	3,700	3,700	2,898	1,800	3,700	—
623680	Tools and Supplies	107,390	136,300	136,300	109,926	125,000	128,600	—
623700	Wearing Apparel	—	1,000	1,000	—	500	1,000	—
623780	Safety and Medical Supplies	4,504	400	400	255	300	2,000	—
623800	Computer Software	669	31,500	31,500	5,500	10,000	31,500	—
623810	Computer Supplies	5,947	17,000	23,300	23,294	20,700	17,000	—
623820	Fuel	252,070	369,000	369,000	369,000	325,000	356,000	—
623840	Gases	—	3,600	3,600	3,600	2,500	6,600	—
623860	Lubricants	11,383	35,200	28,200	15,558	26,000	35,200	—
623990	Materials and Supplies, N.O.C.	44,366	94,000	83,000	59,891	54,000	92,100	—
300	TOTAL MATERIALS AND SUPPLIES	16,741,728	20,197,300	22,366,800	21,174,785	20,778,700	24,412,500	—
634650	Equipment for Process Facilities	589,337	410,000	410,000	398,301	380,000	1,130,000	—
634760	Material Handling and Farming Equipment	602,000	580,000	580,000	579,703	575,000	540,000	—
634860	Vehicle Equipment	—	525,000	506,500	506,442	506,400	50,000	—

101 69000	Fund: Corporate Department: Maintenance & Operations Division: Stickney Service Area	LINE ITEM ANALYSIS						
		2023	2024				2025	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
634990	Machinery and Equipment, N.O.C.	235,932	55,000	92,600	83,324	83,300	111,500	—
400	TOTAL MACHINERY AND EQUIPMENT	1,427,269	1,570,000	1,589,100	1,567,770	1,544,700	1,831,500	—
TOTAL STICKNEY SERVICE AREA		\$115,614,664	\$ 132,660,100	\$ 135,194,100	\$ 113,596,279	\$127,483,800	\$ 143,291,100	\$ —

NOTES: 1. Amounts may not add up due to rounding.  
 2. Departmental appropriation totals for salaries in the Line Item Analysis may differ from those contained in the Position Analysis by a factor identified to adjust for vacancies.  
 Additionally, Estimated Expenditure may either exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.  
 3. For the M&O Department, Expenditure (Committed Budget plus Disbursement) may exceed Adjusted Appropriation for a specific division as funding is controlled at the M&O Overall department-level.

Fund: Corporate Dept: Maintenance & Operations Division: Stickney Service Area		POSITION ANALYSIS				
		2023	2024		2025	
					Proposed by the Executive Director	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
<b>910</b>	<b>Stickney Executive Office</b>					
HP23	Deputy Director of Maintenance & Operations	1	1		1	
HP12	Secretary #2 (Administrative Specialist) (New Grade HP11)	1	1		1	
TOTAL 910	Stickney Executive Office	2	2	402,003	2	402,003
<b>911</b>	<b>Stickney Budget Control Unit</b>					
HP11	Administrative Specialist	1	1		—	
TOTAL 911	Stickney Budget Control Unit	1	1	67,870	—	—
<b>920</b>	<b>Plant Engineering &amp; Maintenance Section</b>					
<b>921</b>	<b>Administrative Unit</b>					
HP21	Engineer of Treatment Plant Operations	1	1		1	
HP17	Senior Mechanical Engineer	—	1		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 921	Administrative Unit	2	3	459,057	3	463,001
<b>923</b>	<b>Electrical Engineering Unit</b>					
HP18	Principal Electrical Engineer	1	1		1	
HP17	Senior Electrical Engineer	—	1		1	
HP17	Senior Process Control Engineer	2	2		2	
HP15	Associate Process Control Engineer #1	1	—		—	
HP12	Engineering Technician IV	1	1		1	
NR6275	Chief Powerhouse Dispatcher I	1	1		1	
NR6272	Powerhouse Dispatcher	4	4		4	
NR6233	Electrical Operator II	11	11		11	
TOTAL 923	Electrical Engineering Unit	21	21	2,657,389	21	2,605,896
<b>924</b>	<b>Maintenance Unit</b>					
HP19	Master Mechanic II	1	1		1	
HP17	Assistant Master Mechanic	5	5		5	
HP14	Assistant Mechanical Engineer	1	1		1	
HP14	Engineering Technician V	1	1		1	
HP11	Administrative Specialist	1	1		1	
PR5935	Architectural Ironworker Leadman	1	1		1	
PR5933	Architectural Ironworker	3	3		3	
PR5353	Bricklayer	1	1		1	

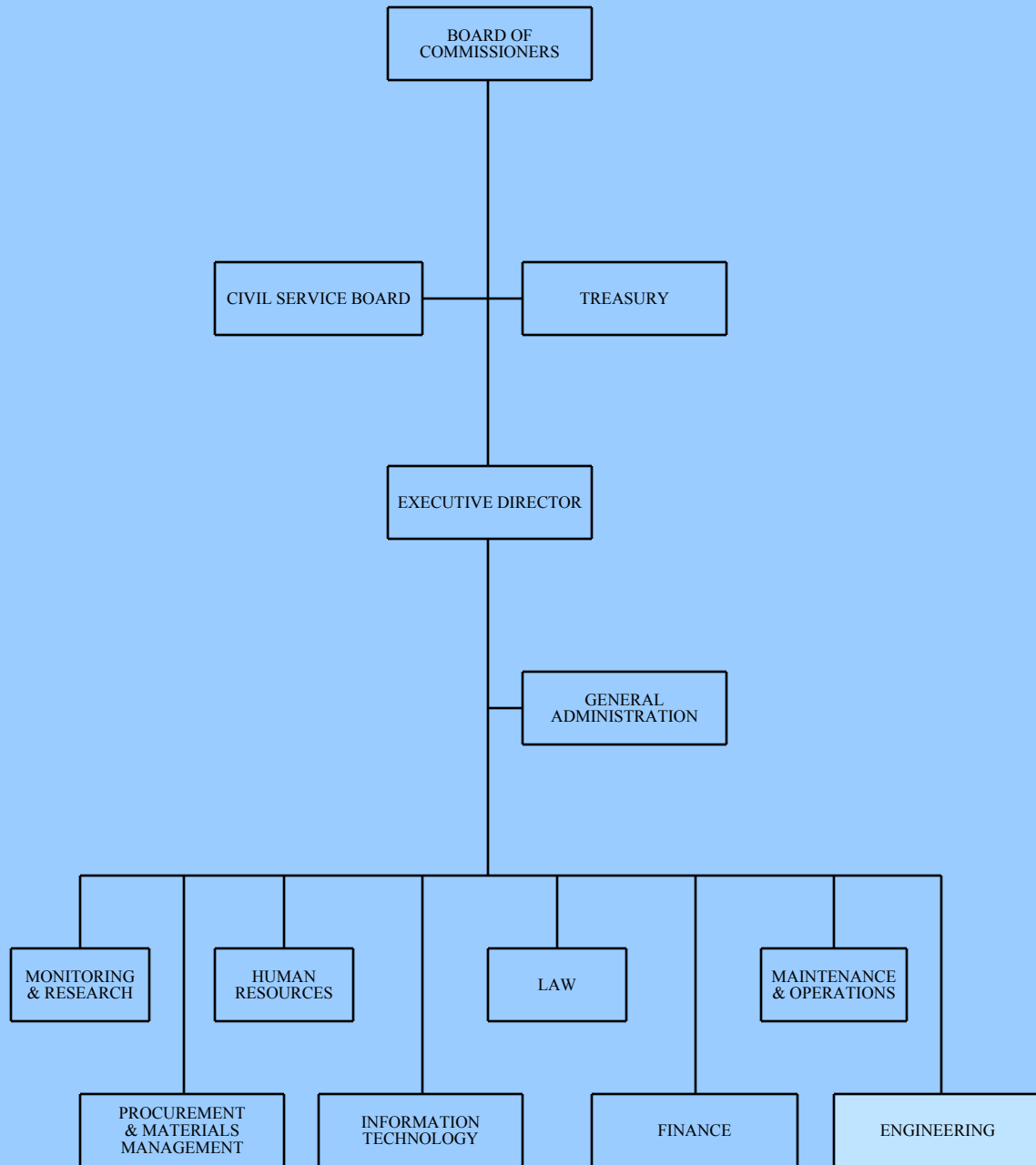
Fund: Corporate Dept: Maintenance & Operations Division: Stickney Service Area		POSITION ANALYSIS				
		2023	2024		2025	
					Proposed by the Executive Director	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
PR5159	Carpenter Foreman	1	1		1	
PR5155	Carpenter Leadman	1	1		1	
PR5153	Carpenter	6	6		6	
PR7425	Electrical Instrument & Testing Mechanic Foreman	1	1		1	
PR7424	Electrical Instrument & Testing Mechanic Leadman	1	1		1	
PR7423	Electrical Instrument & Testing Mechanic	13	13		13	
PR7347	Electrical Mechanic Foreman	1	1		1	
PR7349	Electrical Mechanic Sub-Foreman	2	2		2	
PR7343	Electrical Mechanic	19	19		20	
PR6459	Hoisting Engineer Foreman	1	1		1	
PR6453	Hoisting Engineer	9	10		10	
PR5989	Ironworker Foreman	1	1		1	
PR5973	Structural Ironworker	9	9		9	
PR7579	Machinist Foreman	1	1		1	
PR7575	Machinist Leadman	2	2		2	
PR7573	Machinist	26	26		26	
PR5555	Painter Leadman	1	1		1	
PR5553	Painter	3	3		3	
PR7743	Pipecoverer	2	2		2	
PR7779	Pipefitter Foreman	1	1		1	
PR7775	Pipefitter Leadman	2	2		2	
PR7773	Pipefitter	24	24		25	
PR5759	Plumber Foreman	1	1		1	
PR5753	Plumber	3	4		4	
PR5955	Sheet Metal Worker Leadman	1	1		1	
PR5953	Sheet Metal Worker	6	6		6	
PR6479	Truck Driver Foreman	1	1		1	
PR6473	Truck Driver	8	8		8	
TOTAL 924	Maintenance Unit	161	163	18,943,733	165	19,855,706
<b>943</b>	<b>Buildings &amp; Grounds Unit</b>					
HP17	Senior Engineer	1	1		1	
HP15	Associate Civil Engineer	1	1		1	



Fund: Corporate Dept: Maintenance & Operations Division: Stickney Service Area		POSITION ANALYSIS				
		2023	2024		2025	
					Proposed by the Executive Director	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
HP14	Engineering Technician V	2	2		2	
NR8331	Laborer Foreman	2	2		2	
NR8651	Maintenance Laborer Class A	7	7		7	
NR8652	Maintenance Laborer Class B	9	9		9	
TOTAL 943	Buildings & Grounds Unit	22	22	1,913,694	22	1,909,173
TOTAL 920	Plant Engineering & Maintenance Section	206	209	23,973,873	211	24,833,776
<b>930</b>	<b>Plant Operations Section</b>					
<b>931</b>	<b>Administrative Unit</b>					
HP21	Engineer of Treatment Plant Operations	1	1		1	
TOTAL 931	Administrative Unit	1	1	249,720	1	249,720
<b>932</b>	<b>Treatment Operations Unit</b>					
HP18	Principal Engineer	1	1		1	
HP17	Senior Engineer	1	1		1	
HP16	Treatment Plant Operator III	6	6		6	
HP15	Associate Civil Engineer	1	1		1	
HP14	Assistant Civil Engineer	1	1		1	
HP14	Treatment Plant Operator II	9	9		9	
HP12	Treatment Plant Operator I	6	6		6	
HP11	Administrative Specialist	1	1		1	
NR8331	Laborer Foreman	1	1		1	
NR8331	Laborer Foreman #1	—	1		—	
NR8651	Maintenance Laborer Class A (AC)	1	—		—	
TOTAL 932	Treatment Operations Unit	28	28	3,157,435	27	3,113,703
<b>934</b>	<b>Mechanical Operations Unit</b>					
HP18	Chief Operating Engineer II	1	1		1	
HP17	Chief Operating Engineer I	2	2		2	
HP16	Assistant Chief Operating Engineer	6	7		7	
NR6810	Fireman-Oiler	11	11		11	
NR8331	Laborer Foreman	1	1		1	
NR8650	Maintenance Laborer Class A Shift	40	40		40	
NR8651	Maintenance Laborer Class A	4	4		4	
NR6832	Operating Engineer II	35	35		35	

Fund: Corporate Dept: Maintenance & Operations Division: Stickney Service Area		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
NR6831	Operating Engineer I	26	26		26	
TOTAL 934	Mechanical Operations Unit	126	127	14,209,521	127	14,253,989
TOTAL 930	Plant Operations Section	155	156	17,616,676	155	17,617,412
<b>950</b>	<b>Solids Management Section</b>					
<b>951</b>	<b>Solids Administration Unit</b>					
HP20	Managing Engineer	1	1		—	
HP20	Managing Engineer #2 (Principal Engineer) (New Grade HP18)	—	—		1	
TOTAL 951	Solids Administration Unit	1	1	230,127	1	230,127
<b>952</b>	<b>Solids Field Operations Unit</b>					
HP15	Associate Civil Engineer	1	1		1	
HP14	Engineering Technician V	3	3		3	
HP12	Engineering Technician IV	3	3		3	
NR8651	Maintenance Laborer Class A	1	1		1	
TOTAL 952	Solids Field Operations Unit	8	8	877,389	8	862,768
<b>953</b>	<b>Solids Operations Administration Unit</b>					
HP17	Senior Engineer	2	2		2	
TOTAL 953	Solids Operations Administration Unit	2	2	330,727	2	330,727
<b>954</b>	<b>Fulton County Field Operations Unit</b>					
HP13	Agricultural Technician II	1	1		1	
HP11	Agricultural Technician I	1	1		1	
TOTAL 954	Fulton County Field Operations Unit	2	2	188,748	2	194,101
TOTAL 950	Solids Management Section	13	13	1,626,990	13	1,617,723
TOTAL	Maintenance & Operations Stickney Service Area	377	381	43,687,412	381	44,470,913

NOTE: Departmental appropriation totals for salaries in the Position Analysis differ from those contained in the Line Item Analysis by a factor identified to adjust for vacancies. Salary ranges corresponding to the pay plan and grade for each class title can be found in the table of Salary Schedules in the Appendix. Dollar amounts may not add up due to rounding.



**Metropolitan Water Reclamation District of Greater Chicago**

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

312.751.5600

September 10, 2024

Mr. Brian A. Perkovich  
Executive Director  
OFFICE

Dear Sir:

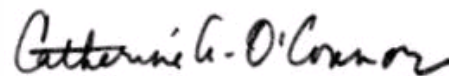
Subject: 2025 Program for the Engineering Department - Corporate Fund

The Engineering Department - Corporate Fund's program for 2025, as prepared in detail, is transmitted herewith. The budget presentation supports the request for funding of the department's 2025 initiatives in alignment with and in support of the Strategic Plan. The budget requests include all amendments as directed by you during the Executive Director Budget Hearings in August of this year.

The narrative provides a summary of the department, 2025 major initiatives and challenges, and 2024 accomplishments. Supporting schedules of objectives, performance, and staffing levels present three years of detailed budgetary information.

Thank you for the opportunity to present the proposed Engineering Department - Corporate Fund budget for 2025.

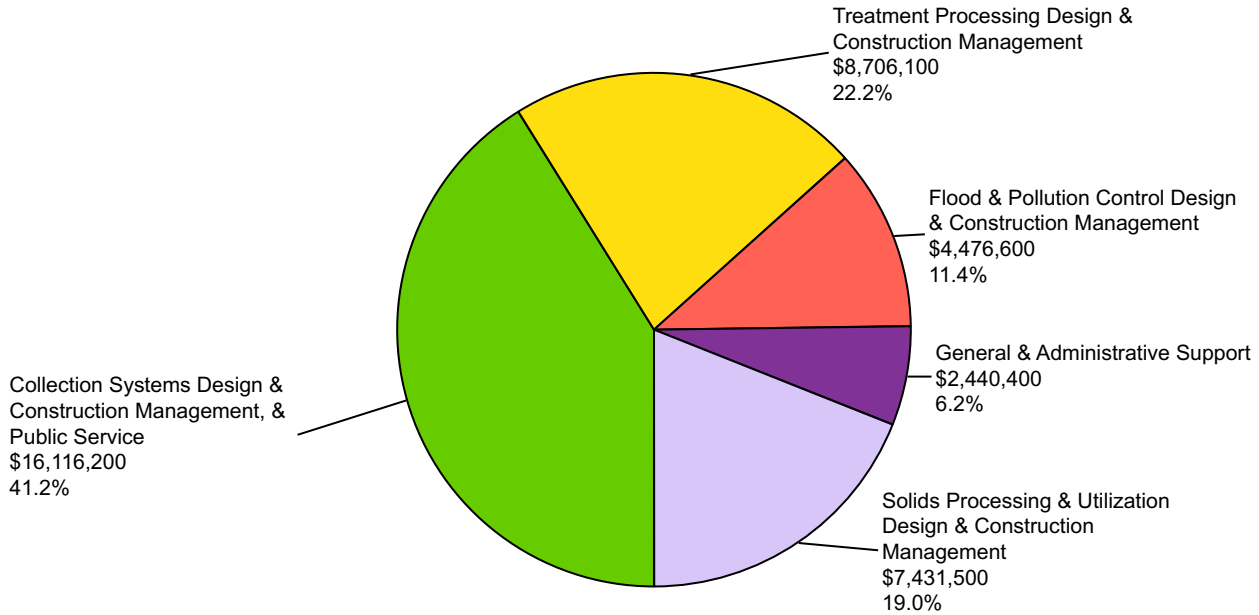
Respectfully submitted,



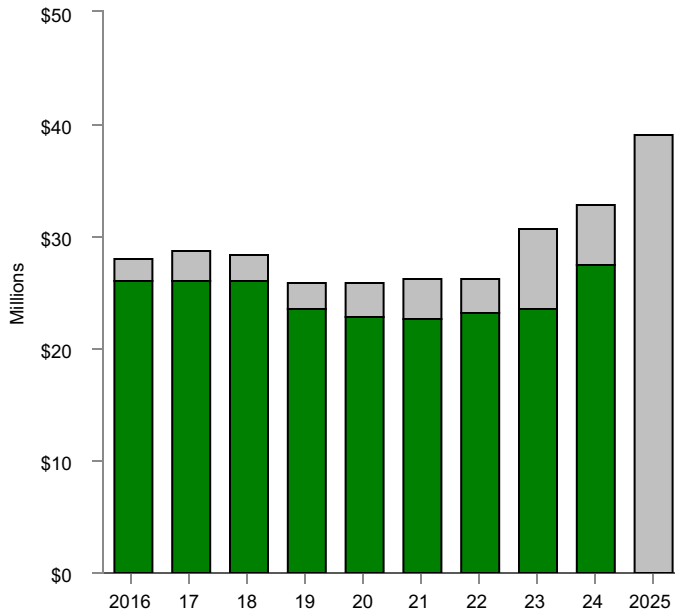
Catherine A. O'Connor  
Director of Engineering

# ENGINEERING - CORPORATE FUND PROGRAMS

2025	\$39,170,800
2024	\$32,820,600
Increase	\$6,350,200



## APPROPRIATIONS & EXPENDITURES



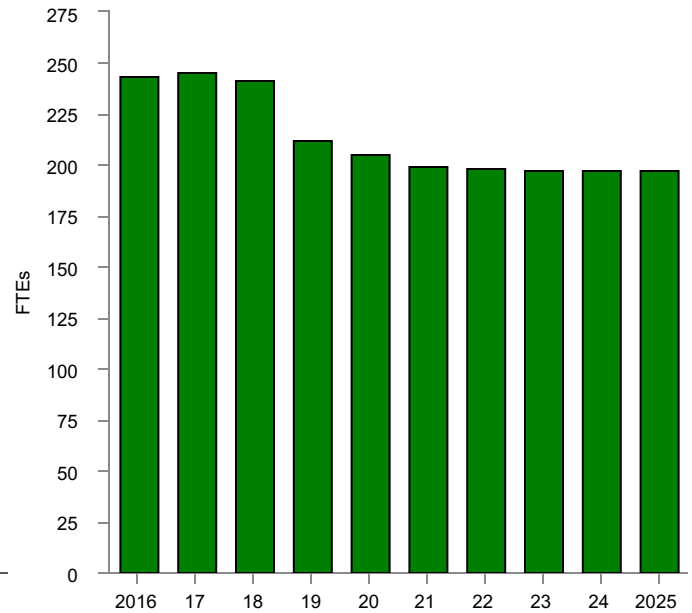
2024 Expenditures are estimated

■ EXPENDITURES      ■ APPROPRIATIONS

**2023** - Increase is due to the addition of a grant-funded project for inspection of local sanitary sewers to facilitate the removal of infiltration and inflow in disproportionately impacted communities.

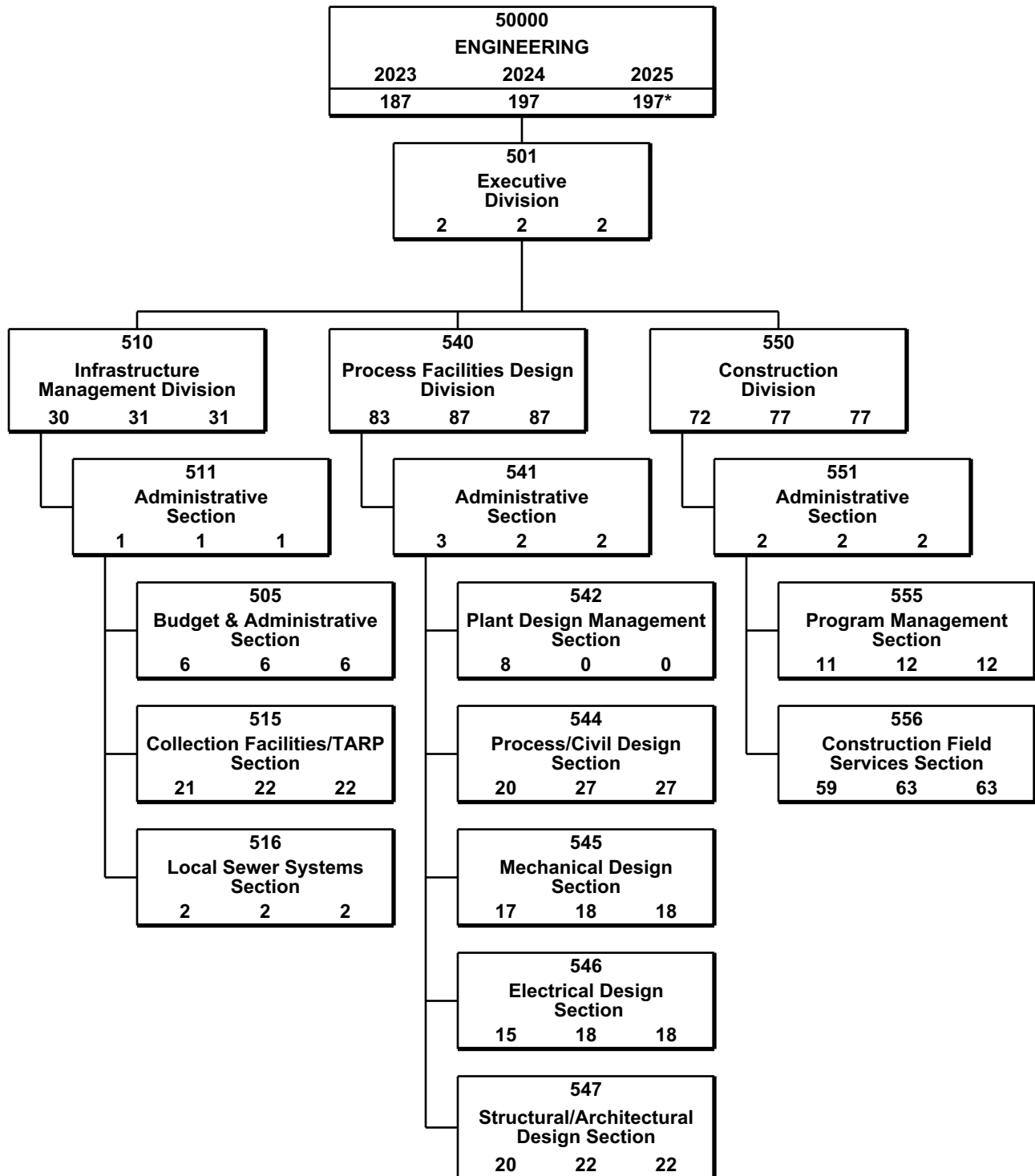
**2025** - Increase is due to the addition of McCook Reservoir Stage 1 Sediment Removal.

## BUDGETED FTE POSITIONS



**2019** - Decrease is due to the transfer out of 27 Corporate Fund Local Sewer Systems Section employees to the Stormwater Management Fund.

# ENGINEERING



\* The 2025 position total for the Engineering Department - Corporate Fund is 197. There are an additional 74 positions funded by the Stormwater Management Fund while the operations remain in the Engineering Department.

## **ENGINEERING CORPORATE FUND**

**The mission of the Engineering Department is to plan, design, and construct projects prioritized in the Capital Improvement Program and to regulate stormwater management, flood protection areas, and construction and maintenance of local sewers, which are tributary to the District's intercepting sewer system.**

### **Departmental Summary**

The programs of the Engineering Department are described in three sections of the budget: the Corporate Fund, described below; the Capital Budget, described in Section V; and the Stormwater Management Fund, described in Section VI. The Corporate Fund finances Engineering Department positions and corporate activities, while the Stormwater Management Fund finances Stormwater positions and regulatory activities. The Capital Budget finances projects executed by the Infrastructure Management Division, Process Facilities Design Division, and the Construction Division.

The Engineering Department's responsibilities are to:

- Plan, develop, and implement a Capital Improvement Program that meets the District's statutory responsibilities, complies with applicable state and federal regulations and requirements, and responds to the needs of the District's residents, as directed through the policies adopted by the Board of Commissioners in the areas of sewage treatment, stormwater management, resource recovery, and pollution control;
- Provide requested and required engineering assistance to other departments within the District in support of their missions. The Engineering Department engages internal staff for all intercepting sewer rehabilitation design, all construction management, and most of the District's process facilities design. By blending District staff's design expertise with design expertise of highly qualified outside firms, the Engineering Department can ensure that water reclamation plant upgrade, rehabilitation, and resource recovery projects are state of the art;
- Regulate impacts of development in suburban Cook County on stormwater runoff, wetlands, and floodplains, in accordance with the Watershed Management Ordinance. This is accomplished by reviewing and issuing Watershed Management Ordinance permits for development and inspecting the work performed.

### **Summary of 2024 Major Accomplishments**

- Televised and inspected 44 miles of intercepting sewers, and rehabilitated 435 linear feet of sewers found to have significant deterioration, under the Collection Asset Management Program;
- Completed contract documents for 15 projects under the District's Capital Improvement Program;
- Replaced carpeting and window blinds original to the building at the Stickney WRP Engineering Center;
- Designed and awarded a contract for the replacement of four original kitchenettes at the Stickney WRP Engineering Center;
- Designed and awarded a contract for the removal and disposal of approximately 56,000 cubic yards of sediment by means of hydraulic dredging and trucking from Stage 1 of the McCook Reservoir.

### **2025 Appropriation and Position Summary**

The 2025 appropriation for the Engineering Department - Corporate Fund is \$39,170,800, an increase of \$6,350,200, or 19.3 percent, from 2024. The Engineering Department's 2025 Budget provides direct support to the Capital Improvement Program. The staffing level remains unchanged at 197.

### **2025 Budget Highlights**

The following budget highlights support the District's Strategic Plan Goal of Resource Management. The initiatives highlighted below show how the District maintains a high level of performance in its core mission of protecting the public health and area waterways.

#### **Manage assets to maintain optimal performance and long-term sustainability**

- Execute a project as a part of the Forging Resilient Communities program which will use grant funding from the United States Environmental Protection Agency to rehabilitate sanitary sewers facilitating removal of infiltration and inflow in Bellwood, Country Club Hills, Dolton, Ford Heights, Harvey, Hazel Crest, Markham, Riverdale, and Stone Park;
- Removal and disposal of approximately 56,000 cubic yards of sediment by means of hydraulic dredging and trucking from Stage 1 of the McCook Reservoir;
- Focus on meeting or exceeding the industry standard of 120 percent of the originally scheduled contract time for completion of construction contracts, despite challenges such as supply chain disruptions;
- Ensure underground infrastructure remains functional into the future by continuing to fund the intercepting sewer televising and inspection contract;
- In conjunction with the Maintenance & Operations Department, protect the District's surface and subsurface infrastructure from damage due to planned and programmed construction, installation, and maintenance projects by transportation agencies, utility work, and private development. The District is planning to outsource some of this work in 2025 to better utilize resources.

**50000 ENGINEERING**

**OBJECTIVES AND PROGRAM SUMMARY**

OBJECTIVES BY PRIORITY:	Cost	Percent
1. TREATMENT PROCESSING DESIGN AND CONSTRUCTION MANAGEMENT: Design and manage construction of the projects to rehabilitate, modernize, and replace wastewater treatment facilities under the District's Capital Improvement Program.	\$ 8,706,100	22.2 %
2. SOLIDS PROCESSING AND UTILIZATION DESIGN AND CONSTRUCTION MANAGEMENT: Design and manage construction of projects to rehabilitate, modernize, and replace infrastructure for collection, treatment, and utilization of biosolids under the District's Capital Improvement Program.	\$ 7,431,500	19.0 %
3. COLLECTION SYSTEMS DESIGN AND CONSTRUCTION MANAGEMENT, AND PUBLIC SERVICE: Design and manage construction of projects to rehabilitate and upgrade the District's intercepting sewers, pumping stations, and force mains under the Capital Improvement Program. Protect public health through regulation of local sewer connections tributary to District infrastructure, administration of an infiltration and inflow control program, and providing infrastructure location information to the public and other agencies.	\$ 16,116,200	41.2 %
4. FLOOD AND POLLUTION CONTROL DESIGN AND CONSTRUCTION MANAGEMENT: Design and manage construction of projects to build tunnels, reservoirs, and control structures under TARP, and manage construction of projects to construct and rehabilitate flood control reservoirs, relocate streams, and improve conveyance channels.	\$ 4,476,600	11.4 %
5. GENERAL AND ADMINISTRATIVE SUPPORT: Support the work of the Engineering Department through application for grant and loan funding, budget preparation and administration, surveying, and administration of easements.	\$ 2,440,400	6.2 %
<b>Totals</b>	<b>\$ 39,170,800</b>	<b>100.0 %</b>



**50000 ENGINEERING**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change		
Number	Name	Actual	FTEs	Dollars	Dollars	Percent	
1000	Collection	\$ 4,224,616	2025 30	\$ 16,116,200	\$ 6,546,900	68.4	
			2024 31	\$ 9,569,300			
1530	Local Sewer Permit Activity	\$ 291,674	2025 2	\$ 301,900	\$ 4,500	1.5	
			2024 2	\$ 297,400			
1560	Local Sewer Public Service Coordination	\$ 66,376	2025 —	\$ 2,377,600	\$ (540,700)	(18.5)	a)
			2024 —	\$ 2,918,300			
1571	Local Sewer Rehabilitation Ordinance Enforcement Activity	\$ 11,974	2025 —	\$ 11,400	\$ 100	0.9	
			2024 —	\$ 11,300			
1700	Collection System Design	\$ 926,573	2025 7	\$ 1,114,200	\$ 35,900	3.3	
			2024 8	\$ 1,078,300			
1800	Collection Construction	\$ 2,928,019	2025 21	\$ 12,311,100	\$ 7,047,100	133.9	b)
			2024 21	\$ 5,264,000			
2000	Treatment	\$ 7,543,660	2025 66	\$ 8,706,100	\$ (450,000)	(4.9)	
			2024 66	\$ 9,156,100			
2700	Treatment Design	\$ 2,799,868	2025 24	\$ 3,435,300	\$ 70,900	2.1	
			2024 24	\$ 3,364,400			
2800	Treatment Construction	\$ 4,743,792	2025 42	\$ 5,270,800	\$ (520,900)	(9.0)	c)
			2024 42	\$ 5,791,700			
3000	Solids Processing	\$ 5,551,411	2025 50	\$ 7,147,900	\$ 126,100	1.8	
			2024 50	\$ 7,021,800			
3700	Solids Processing Design	\$ 2,587,451	2025 23	\$ 3,551,600	\$ 38,700	1.1	
			2024 23	\$ 3,512,900			
3800	Solids Processing Construction	\$ 2,963,960	2025 27	\$ 3,596,300	\$ 87,400	2.5	
			2024 27	\$ 3,508,900			

a) Decrease is due to the revised schedule of the Rehabilitation of Local Sewers project (\$529,100).  
 b) Increase is due to the award of the McCook Reservoir Stage 1 Sediment Removal project (\$7,000,000).  
 c) Decrease is due to the completion of the e-Builder Consulting Services contract (\$260,000) and the Selective Interior Finish Replacement at the Stickney WRP Engineering Center contract (\$207,000).

**50000 ENGINEERING**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change		
Number	Name	Actual	FTEs	Dollars	Dollars	Percent	
4000	Flood and Pollution Control	\$ 3,800,527	2025	32 \$ 4,476,600	\$ 91,400	2.1	
			2024	32 \$ 4,385,200			
4216	Bridge and Road Maintenance	\$ 6,054	2025	— \$ 40,000	\$ (70,000)	(63.6)	d)
			2024	— \$ 110,000			
4341	Planning/Design	\$ 52,977	2025	— \$ 54,300	\$ 800	1.5	
			2024	— \$ 53,500			
4343	Construction	\$ 561,750	2025	5 \$ 670,100	\$ 35,200	5.5	
			2024	5 \$ 634,900			
4700	Flood and Pollution Control Design	\$ 682,355	2025	5 \$ 879,000	\$ 128,700	17.2	e)
			2024	5 \$ 750,300			
4800	Flood and Pollution Control Construction	\$ 2,497,391	2025	22 \$ 2,833,200	\$ (3,300)	(0.1)	
			2024	22 \$ 2,836,500			
5000	Solids Utilization	\$ 278,879	2025	2 \$ 283,600	\$ 8,000	2.9	
			2024	2 \$ 275,600			
5700	Solids Utilization Design	\$ 11,835	2025	— \$ 11,900	\$ 200	1.7	
			2024	— \$ 11,700			
5800	Solids Utilization Construction	\$ 267,044	2025	2 \$ 271,700	\$ 7,800	3.0	
			2024	2 \$ 263,900			
7000	General Support (excluding program number 7604)	\$ 1,847,865	2025	17 \$ 2,057,700	\$ 23,400	1.2	
			2024	16 \$ 2,034,300			
7604	Social Security and Medicare Contributions	\$ 304,361	2025	— \$ 382,700	\$ 4,400	1.2	
			2024	— \$ 378,300			
Totals		\$23,551,319	2025	197 \$39,170,800	\$ 6,350,200	19.3 %	
			2024	197 \$32,820,600			

d) Decrease is due to the rotating nature of scheduled biennial bridge inspections each year (\$70,000).  
 e) Increase is due to the award of the Lake Michigan Discretionary Diversion After Water Year 2030 project (\$120,000).

**50000 ENGINEERING**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated	
1500	Local Sewer - Engineering Activity					
1530	Local Sewer Permit Activity					
1531	Review/Issuance of MWRD Sewer Permits (includes standard permits and notification and request for inspection permits)	Cost	\$ 291,674	\$ 297,400	\$ 301,900	
1560	Local Sewer - Public Service Coordination					
1561	Public Service	Cost	\$ 6,378	\$ 6,500	\$ 6,600	
1563	Interagency Coordination	Cost	\$ 59,998	\$ 2,911,800	\$ 2,371,000	a)
1571	Local Sewer Rehabilitation Ordinance Enforcement Activity	Cost	\$ 11,974	\$ 11,300	\$ 11,400	
1700	Collection System Design	Cost	\$ 926,573	\$ 1,078,300	\$ 1,114,200	
1800	Collection Construction	Cost	\$ 2,928,019	\$ 5,264,000	\$ 12,311,100	b)
2700	Treatment Design	Cost	\$ 2,799,868	\$ 3,364,400	\$ 3,435,300	
2800	Treatment Construction	Cost	\$ 4,743,792	\$ 5,791,700	\$ 5,270,800	c)
3700	Solids Processing Design	Cost	\$ 2,587,451	\$ 3,512,900	\$ 3,551,600	
3800	Solids Processing Construction	Cost	\$ 2,963,960	\$ 3,508,900	\$ 3,596,300	
4200	Waterways Control and Stormwater Detention Reservoirs	Cost	\$ 6,054	\$ 110,000	\$ 40,000	d)
4300	Stormwater Management	Cost	\$ 614,727	\$ 688,400	\$ 724,400	
4700	Flood and Pollution Control Design	Cost	\$ 682,355	\$ 750,300	\$ 879,000	e)
4800	Flood and Pollution Control Construction	Cost	\$ 2,497,391	\$ 2,836,500	\$ 2,833,200	
5700	Solids Utilization Design	Cost	\$ 11,835	\$ 11,700	\$ 11,900	
5800	Solids Utilization Construction	Cost	\$ 267,044	\$ 263,900	\$ 271,700	
7000	General Support (excluding program number 7604)	Cost	\$ 1,847,865	\$ 2,034,300	\$ 2,057,700	
7604	Social Security and Medicare Contributions	Cost	\$ 304,361	\$ 378,300	\$ 382,700	
		Totals	\$ 23,551,319	\$ 32,820,600	\$ 39,170,800	
<p>a) Decrease is due to the revised schedule of the Rehabilitation of Local Sewers project (\$529,100).</p> <p>b) Increase is due to the award of the McCook Reservoir Stage 1 Sediment Removal project (\$7,000,000).</p> <p>c) Decrease is due to the completion of the e-Builder Consulting Services contract (\$260,000) and the Selective Interior Finish Replacement at the Stickney WRP Engineering Center contract (\$207,000).</p> <p>d) Decrease is due to the rotating nature of scheduled biennial bridge inspections each year (\$70,000).</p> <p>e) Increase is due to the award of the Lake Michigan Discretionary Diversion After Water Year 2030 project (\$120,000).</p>						

101 50000	Fund: Corporate Department: Engineering	LINE ITEM ANALYSIS						
		2023	2024				2025	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 21,476,741	\$ 24,915,000	\$ 24,915,000	\$ 16,660,150	\$ 22,907,500	\$ 25,221,500	\$ —
601060	Compensation Plan Adjustments	364,323	803,200	803,200	250,534	255,600	771,500	—
601070	Social Security and Medicare Contributions	304,361	378,300	378,300	247,316	320,500	382,700	—
601100	Tuition and Training Payments	71,508	153,500	153,500	39,276	113,800	181,200	—
100	TOTAL PERSONAL SERVICES	22,216,933	26,250,000	26,250,000	17,197,276	23,597,400	26,556,900	—
612010	Travel	4,984	14,800	14,800	8,390	14,700	18,600	—
612030	Meals and Lodging	9,736	27,800	27,800	17,958	27,400	30,900	—
612040	Postage, Freight, and Delivery Charges	874	1,200	1,200	1,200	1,100	1,200	—
612050	Compensation for Personally-Owned Automobiles	1,094	8,000	8,000	1,813	3,800	3,000	—
612080	Motor Vehicle Operating Services	37	500	500	30	100	300	—
612090	Reprographic Services	2,011	8,500	8,500	8,500	8,400	8,500	—
612170	Water and Water Services	5,004	5,500	5,500	5,500	5,100	5,500	—
612240	Testing and Inspection Services	732,942	4,250,000	4,250,000	2,600,000	3,245,000	4,245,900	—
612330	Rental Charges	—	500	1,500	559	600	500	—
612410	Governmental Service Charges	10,000	—	—	—	—	—	—
612430	Payments for Professional Services	256,919	527,000	415,500	266,836	110,500	325,000	—
612490	Contractual Services, N.O.C.	5,652	4,500	4,500	1,000	2,000	4,500	—
612600	Repairs to Collection Facilities	—	1,200,000	1,150,000	—	—	670,900	—
612620	Repairs to Waterway Facilities	11,848	—	—	—	—	7,000,000	—
612680	Repairs to Buildings	111,090	262,000	422,500	421,856	311,900	50,000	—
612800	Repairs to Office Furniture and Equipment	5,001	7,100	8,400	4,859	6,800	8,900	—
612820	Computer Software Maintenance	—	12,800	11,500	11,244	11,300	—	—
612840	Communications Equipment Maintenance (Includes Software)	1,575	—	—	—	—	—	—
612970	Repairs to Testing and Laboratory Equipment	4,253	9,100	9,100	7,400	7,400	8,500	—
612990	Repairs, N.O.C.	1,159	2,000	2,000	2,000	1,800	5,000	—
200	TOTAL CONTRACTUAL SERVICES	1,164,178	6,341,300	6,341,300	3,359,145	3,757,900	12,387,200	—
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	32,672	53,200	59,300	57,552	46,000	57,500	—
623680	Tools and Supplies	12,916	20,000	20,000	14,833	17,400	24,200	—
623720	Books, Maps, and Charts	4,015	10,000	10,000	2,764	8,700	7,000	—
623780	Safety and Medical Supplies	—	1,000	1,000	—	—	—	—

101 50000	Fund: Corporate Department: Engineering	LINE ITEM ANALYSIS						
		2023	2024				2025	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623800	Computer Software	45,599	75,000	68,900	48,372	64,500	120,000	—
623990	Materials and Supplies, N.O.C.	—	8,500	8,500	7,303	7,400	18,000	—
300	TOTAL MATERIALS AND SUPPLIES	95,203	167,700	167,700	130,824	144,000	226,700	—
634650	Equipment for Process Facilities	12,780	11,600	13,000	12,995	13,000	—	—
634990	Machinery and Equipment, N.O.C.	62,224	50,000	48,600	—	—	—	—
400	TOTAL MACHINERY AND EQUIPMENT	75,004	61,600	61,600	12,995	13,000	—	—
<b>TOTAL ENGINEERING</b>		<b>\$ 23,551,318</b>	<b>\$ 32,820,600</b>	<b>\$ 32,820,600</b>	<b>\$ 20,700,240</b>	<b>\$ 27,512,300</b>	<b>\$ 39,170,800</b>	<b>\$ —</b>

NOTES: 1. Amounts may not add up due to rounding.  
 2. Departmental appropriation totals for salaries in the Line Item Analysis may differ from those contained in the Position Analysis by a factor identified to adjust for vacancies.  
 Additionally, Estimated Expenditure may either exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.

Fund: Corporate Dept: Engineering		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>501</b>	<b>Executive Division</b>					
EX15	Director of Engineering	1	1		1	
EX06	Secretary to Officer	1	1		1	
TOTAL 501	Executive Division	2	2	432,535	2	432,535
<b>510</b>	<b>Infrastructure Management Division</b>					
<b>505</b>	<b>Budget &amp; Administrative Section</b>					
HP18	Supervising Budget & Management Analyst	1	1		1	
HP16	Senior Budget & Management Analyst	2	2		2	
HP14	Budget & Management Analyst	2	2		2	
HP13	Senior Administrative Specialist	1	1		1	
TOTAL 505	Budget & Administrative Section	6	6	806,948	6	813,197
<b>511</b>	<b>Administrative Section</b>					
HP22	Assistant Director of Engineering	1	1		1	
TOTAL 511	Administrative Section	1	1	272,838	1	272,838
<b>515</b>	<b>Collection Facilities / TARP Section</b>					
HP20	Managing Civil Engineer	1	1		1	
HP18	Principal Civil Engineer	3	3		3	
HP17	Senior Civil Engineer	6	6		6	
HP15	Associate Civil Engineer	3	3		3	
HP14	Assistant Civil Engineer	2	4		4	
HP14	Engineering Technician V	1	1		1	
HP13	Engineering Draftsman III	1	1		1	
HP12	Engineering Technician IV	2	2		2	
HP11	Engineering Technician III	2	1		1	
TOTAL 515	Collection Facilities / TARP Section	21	22	2,838,787	22	2,856,989
<b>516</b>	<b>Local Sewer Systems Section</b>					
HP20	Managing Civil Engineer	1	1		1	

Fund: Corporate Dept: Engineering		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
HP15	Associate Civil Engineer	1	1		1	
TOTAL 516	Local Sewer Systems Section	2	2	356,560	2	362,499
TOTAL 510	Infrastructure Management Division	30	31	4,275,133	31	4,305,524
<b>540</b>	<b>Process Facilities Design Division</b>					
<b>541</b>	<b>Administrative Section</b>					
HP22	Assistant Director of Engineering	1	1		1	
HP16	Computer Aided Drafting and Design Administrator	—	1		1	
HP11	Administrative Specialist	2	—		—	
TOTAL 541	Administrative Section	3	2	423,589	2	319,252
<b>542</b>	<b>Plant Design Management Section</b>					
HP18	Principal Civil Engineer	2	—		—	
HP17	Senior Civil Engineer	4	—		—	
HP16	Computer Aided Drafting and Design Administrator	1	—		—	
HP15	Associate Civil Engineer	1	—		—	
TOTAL 542	Plant Design Management Section	8	—	—	—	—
<b>544</b>	<b>Process / Civil Design Section</b>					
HP20	Managing Civil Engineer	1	1		1	
HP18	Principal Civil Engineer	3	4		4	
HP17	Senior Civil Engineer	5	9		9	
HP17	Senior Process Control Engineer	1	1		1	
HP15	Associate Civil Engineer	3	4		4	
HP15	Associate Process Control Engineer	1	1		1	
HP14	Assistant Civil Engineer	3	3		3	
HP13	Engineering Draftsman III	1	1		1	
HP12	Engineering Draftsman II	2	2		2	
HP11	Administrative Specialist	—	1		1	
TOTAL 544	Process / Civil Design Section	20	27	3,761,088	27	3,830,306

Fund: Corporate Dept: Engineering		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>545</b>	<b>Mechanical Design Section</b>					
HP20	Managing Mechanical Engineer	1	1		1	
HP18	Principal Mechanical Engineer	2	2		2	
HP17	Senior Mechanical Engineer	4	5		5	
HP15	Associate Mechanical Engineer	3	3		3	
HP14	Assistant Mechanical Engineer	4	4		4	
HP13	Engineering Draftsman III	1	1		1	
HP12	Engineering Draftsman II	2	2		2	
TOTAL 545	Mechanical Design Section	17	18	2,289,622	18	2,304,437
<b>546</b>	<b>Electrical Design Section</b>					
HP20	Managing Electrical Engineer	1	1		1	
HP18	Principal Electrical Engineer	2	2		2	
HP17	Senior Electrical Engineer	4	5		5	
HP15	Associate Electrical Engineer	3	4		4	
HP14	Assistant Electrical Engineer	2	2		2	
HP13	Engineering Draftsman III	1	1		1	
HP12	Engineering Draftsman II	2	2		2	
HP11	Administrative Specialist	—	1		1	
TOTAL 546	Electrical Design Section	15	18	2,189,293	18	2,229,536
<b>547</b>	<b>Structural / Architectural Design Section</b>					
HP20	Managing Structural Engineer	1	1		1	
HP18	Principal Architect	1	1		1	
HP18	Principal Structural Engineer	2	2		2	
HP17	Senior Architect	2	2		2	
HP17	Senior Structural Engineer	4	5		5	
HP15	Associate Architect	2	3		3	
HP15	Associate Structural Engineer	3	3		3	



Fund: Corporate Dept: Engineering		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
HP14	Assistant Structural Engineer	3	3		3	
HP13	Engineering Draftsman III	1	1		1	
HP12	Engineering Draftsman II	1	1		1	
TOTAL 547	Structural / Architectural Design Section	20	22	2,846,696	22	2,881,028
TOTAL 540	Process Facilities Design Division	83	87	11,510,287	87	11,564,559
<b>550</b>	<b>Construction Division</b>					
<b>551</b>	<b>Administrative Section</b>					
HP22	Assistant Director of Engineering	1	1		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 551	Administrative Section	2	2	326,315	2	337,455
<b>555</b>	<b>Program Management Section</b>					
HP20	Managing Civil Engineer	1	1		1	
HP18	Principal Civil Engineer	1	1		1	
HP17	Senior Civil Engineer	2	2		2	
HP15	Associate Civil Engineer	2	2		2	
HP14	Assistant Civil Engineer	—	1		1	
HP14	Assistant Electrical Engineer	1	—		—	
HP14	Engineering Technician V	1	2		2	
HP13	Senior Administrative Specialist	1	1		1	
HP12	Engineering Technician IV	1	1		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 555	Program Management Section	11	12	1,533,871	12	1,544,798
<b>556</b>	<b>Construction Field Services Section</b>					
HP20	Managing Civil Engineer	2	2		2	
HP18	Principal Civil Engineer	3	3		3	
HP18	Principal Electrical Engineer	1	1		1	
HP18	Principal Mechanical Engineer	1	—		—	
HP18	Principal Mechanical Engineer #2 (Principal Civil Engineer)	—	1		1	

Fund: Corporate Dept: Engineering		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
HP17	Senior Civil Engineer	8	8		8	
HP17	Senior Electrical Engineer	3	3		3	
HP17	Senior Mechanical Engineer	2	2		2	
HP15	Associate Civil Engineer	8	8		8	
HP15	Associate Electrical Engineer	1	3		3	
HP15	Associate Mechanical Engineer	3	3		3	
HP14	Assistant Civil Engineer	2	3		3	
HP14	Assistant Electrical Engineer	2	3		3	
HP14	Assistant Mechanical Engineer	1	1		1	
HP14	Engineering Technician V	9	7		7	
HP12	Administrative Assistant #2 (Administrative Specialist) (New Grade HP11)	1	1		1	
HP12	Engineering Technician IV	6	7		7	
HP11	Engineering Technician III	6	7		7	
TOTAL 556	Construction Field Services Section	59	63	7,711,993	63	7,621,770
TOTAL 550	Construction Division	72	77	9,572,179	77	9,504,024
TOTAL	Engineering	187	197	25,790,134	197	25,806,642

NOTE: Departmental appropriation totals for salaries in the Position Analysis differ from those contained in the Line Item Analysis by a factor identified to adjust for vacancies. Salary ranges corresponding to the pay plan and grade for each class title can be found in the table of Salary Schedules in the Appendix. Dollar amounts may not add up due to rounding.

**NOTE PAGE**

# SECTION V

## CAPITAL BUDGET

The Capital Improvement Program is the District's plan for the construction, rehabilitation, and modernization of District-owned and operated infrastructure. It includes plans to protect Lake Michigan from pollution, to clean up approximately 532 miles of rivers and streams within the District's jurisdiction to meet federal and state standards, and to reduce the level of flooding which has persistently plagued many municipalities within the District's jurisdiction.

The Capital Budget includes the Construction Fund and the Capital Improvements Bond Fund. To understand the Capital Budget, it is necessary to visualize existing facilities as well as the program for the next year and the long-term plan.

The type of funding for each fund corresponds to the estimated useful life of the project and statutory restrictions on bond sales. The Tax Cap Law imposes restrictions on the non-referendum bonding authority of the District. There are exceptions in the Tax Cap Law to allow non-referendum bonds to be sold to finance certain District projects. Bonds or long-term debt are only utilized to finance projects with useful lives beyond 20 years. Capital projects not eligible for bond financing, or with shorter useful lives, are funded on a pay-as-you-go basis and financed primarily by property taxes. The Capital Improvements Bond Fund receives most of its resources from bond sales, State Revolving Fund loans, and federal and state grants. It provides for major plant and sewer construction, flood control facilities, and land acquisition. The Construction Fund is financed primarily through a property tax levy and provides for much of the District's infrastructure rehabilitation and modernization.

The narrative discussion of the District's 2025 Capital Improvement Program places the 2025 program within the context of our long-range plan. Information is provided on the levels of funding in 2025 and in the future. The graphs, charts, figures, and descriptions of the Construction Fund and Capital Improvements Bond Fund Program within this section aid the reader in understanding this component of the Budget. The impact on operating costs associated with capital projects scheduled for award in 2025 is presented in the Capital Improvement Program narrative.

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Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

312.751.5600

September 10, 2024

Mr. Brian A. Perkovich  
Executive Director  
OFFICE

Dear Sir:

Subject: 2025 Program for the Capital Funds

The Capital Funds' program for 2025, as prepared in detail, is transmitted herewith. The budget presentation supports the request for funding of the District's 2025 Capital Plan initiatives in alignment with and in support of the Strategic Plan. The budget requests include all amendments as directed by you during the Executive Director Budget Hearings in August of this year.

The narrative by fund provides a summary of the 2025 major initiatives and challenges and 2024 accomplishments. Supporting schedules of objectives and performance present three years of detailed budgetary information.

Thank you for the opportunity to present the proposed Capital Funds budget for 2025.

Respectfully submitted,

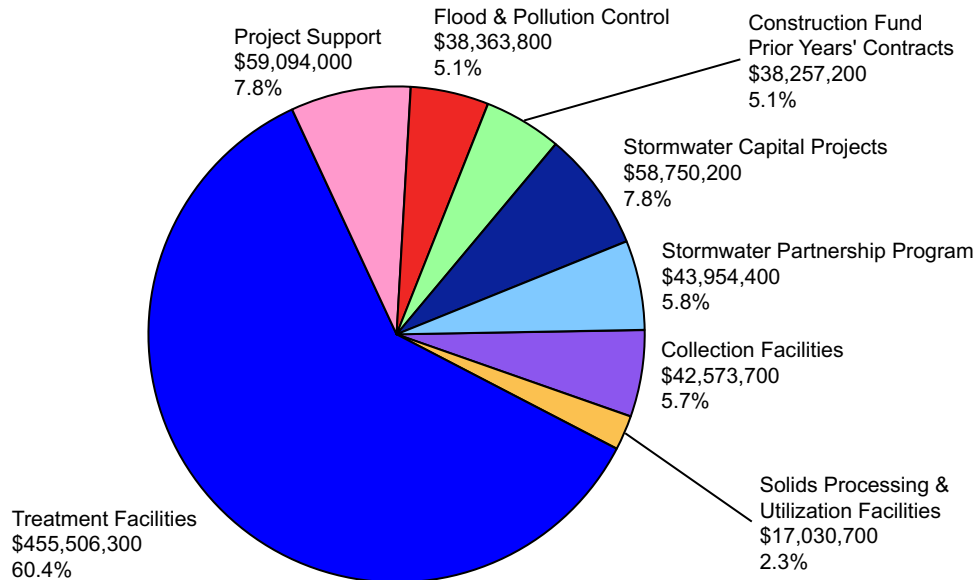
Catherine A. O'Connor  
Director of Engineering

John P. Murray  
Director of Maintenance & Operations

Edward W. Podczewinski  
Director of Monitoring & Research

## CAPITAL IMPROVEMENT PROGRAM PROGRAMS

2025	\$753,530,300
2024	\$495,448,600
Increase	\$258,081,700



The District utilizes the Construction, Stormwater Management, and Capital Improvements Bond Funds for the Capital Improvement Program. Capital improvements comprise all new facilities and projects that preserve the useful life of District facilities or increase the capacity or efficiency of these facilities. The project support activities of the Construction, Stormwater Management, and Capital Improvements Bond Funds consist of planning, designing, and constructing District infrastructure, acting as a liaison to the United States Environmental Protection Agency and the Illinois Environmental Protection Agency. Funding for capital projects includes pay-as-you-go funding in the Construction and Stormwater Management Funds, federal and state grants, state revolving loan programs for wastewater and stormwater, and alternate revenue and general obligation bonds.

### Budget Highlights

The 2025 appropriation for the Capital Improvement Program is \$753,530,300, an increase of \$258,081,700, or 52.1 percent, from 2024 due to the timing of project awards scheduled for 2025. A total of 187 projects funded by the Construction, Stormwater Management, or Capital Improvements Bond Funds will be under planning, design, or construction in 2025.

**The mission of the Capital Improvement Program is to plan, develop, and implement projects for new facilities, preserve the useful life of facilities, or increase the capacity or efficiency of facilities to ensure that the District complies with our statutory responsibilities in the areas of sewage treatment and pollution control.**

**Capital Improvement Program Policy**

The District’s Capital Improvement Program consists of those projects identified as necessary to ensure safe and uninterrupted operation of our facilities, meet existing and new statutory and regulatory requirements, and maintain efficiency in a cost-effective manner. Projects are identified based on asset management audits, Governmental Accounting Standards Board Statement 34 inspections, and need, such as regulatory requirements or long-term strategic planning. Following identification, projects must be justified and vetted by an interdepartmental review panel. Projects are prioritized using an evaluation and scoring system that values preservation of infrastructure, improvements to environmental quality, and commitment to community. Projects are added to the Capital Improvement Program and scheduled for award according to priority and resource availability after they have been through the review panel.

Governmental Accounting Standards Board Statement 34 became effective in 2003. By adopting the modified approach for reporting infrastructure assets, the District agrees to perform condition assessments of our facilities, establish service levels for our infrastructure, and appropriate funds to maintain these high standards, thus protecting the environment and avoiding the detrimental impacts of deferred maintenance. The results of these assessments are reported in the Annual Comprehensive Financial Report.

**Beneficial Impacts of Capital Projects**

Through proper operation, maintenance, rehabilitation, and replacement of equipment and facilities, the District ensures continuous efficient and reliable service, protects our investment and infrastructure, and meets National Pollutant Discharge Elimination System permit requirements. The Capital Improvement Program identifies and prioritizes projects to upgrade and modernize obsolete equipment and facilities.

**Program Funding**

Sources of funding for the Capital Improvement Program consist of capital improvements bond sales, general property tax revenues, State Revolving Fund (SRF) loans, and federal grants and reimbursements. The District is also evaluating additional low-cost funding options including financing through the United States Environmental Protection Agency (EPA) Water Infrastructure Finance and Innovation Act (WIFIA) loan program. The table below shows the anticipated method of financing for projects scheduled to be awarded in fiscal years 2025-2029.

**Method of Financing for Projects Scheduled to be Awarded in Fiscal Years 2025-2029 (in thousands)**

	State Revolving Fund Loans	General Obligation Bonds	Army Corps of Engineers	Grants & Reimbursements	Pay-As-You-Go	Total
Tunnel and Reservoir Plan	\$ —	\$ 99,037	\$ 17,109	\$ —	\$ 11,510	\$ 127,656
Water Reclamation Plant Expansion and Improvements	472,018	66,033	—	—	30,762	568,813
Solids Management	—	97,300	—	—	18,100	115,400
Collection Facilities	—	126,750	—	—	28,550	155,300
Replacement of Facilities	—	213,000	—	—	87,354	300,354
Stormwater	—	—	—	17,025	124,531	141,556
<b>Total</b>	<b>\$ 472,018</b>	<b>\$ 602,120</b>	<b>\$ 17,109</b>	<b>\$ 17,025</b>	<b>\$ 300,807</b>	<b>\$ 1,409,079</b>

**Construction Fund**

The Construction Fund is a property tax supported, pay-as-you-go capital fund authorized by State Statute, which provides for the acquisition of infrastructure assets or the rehabilitation of existing structures that increase the efficiency or extend the useful life of the structure. The useful life of the improvement is at least 15 years and project values are generally less than \$3.0 million. Section 12 of “An act to create sanitary districts and to remove obstructions in the Des Plaines and Illinois Rivers,” approved May 29, 1889, as amended, provides that the Board of Commissioners of the District can levy and collect taxes for construction purposes for the year 1985 and each year thereafter, which shall be at a rate not to exceed 0.10 percent of the assessed valuation of all taxable property within the District as equalized and determined for state and local taxes. In 2025, the Construction Fund has 41 projects scheduled for award and 11 projects already under construction.

## **Stormwater Management Fund**

The Stormwater Management Fund is utilized to plan, implement, and finance stormwater management activities throughout Cook County, including stream maintenance in areas that currently lie outside the District's boundaries. The fund consolidates the District's stormwater management activities and supports the activities outlined in the Cook County Stormwater Management Plan, which serves as a framework for the District's countywide Stormwater Management Program. One of the initial goals of the Stormwater Management Program was to develop detailed watershed plans for each of the watersheds in Cook County. The detailed watershed plans identified and prioritized "regional" stormwater projects based on a benefit to cost ratio. These include streambank stabilization projects, which involve addressing critical active streambank erosion threatening public safety, structures, and/or infrastructure, or flood control projects. The Board of Commissioners has approved over 30 regional projects for design and construction.

## **Capital Improvements Bond Fund**

Section 9.6(a) of "An act to create sanitary districts and to remove obstructions in the Des Plaines and Illinois Rivers," approved May 29, 1889, as amended, provides that the Board of Commissioners of the District is authorized to issue bonds for District purposes. The District issues bonds to provide funds to replace, remodel, complete, alter, construct, and enlarge sewage treatment or flood control facilities, to acquire air pollution control equipment, and to build or acquire sewers. The total allowable bond debt at any given time cannot exceed 3.35 percent of the last known equalized assessed valuation of all taxable property within the District. The ordinance authorizing the issuance of the bonds provides for the levy of a tax on all taxable property within the District adequate to pay principal and interest on the bonds when due, including a provision for loss in the collection of taxes.

Tax Cap laws enacted in Illinois have a significant impact on the funding of the District's Capital Improvement Program through bond sales. Under Public Act 89-0001, the District's non-referendum bond authority is restricted to fund only projects initiated prior to October 1, 1991, which generally covers only Tunnel and Reservoir Plan (TARP) projects. However, Public Act 89-0385 provided additional non-referendum authority to the District by authorizing the issuance of "limited bonds." These "limited bonds" allow the District to issue non-referendum debt for projects initiated after October 1, 1991. "Limited bonds" can be issued up to the debt service extension base established by the Act. This "limited bond" authority was expanded for the District by passage of Public Act 90-0485 in the 1997 legislative session. This Act excludes debt associated with the TARP program from the "limited bond" limitation. The use of general obligation and alternate revenue bonds comprises only a portion of the District's capital project financing.

## **Loans Programs**

For many years, the major sources of funding for District projects were federal grants and the Build Illinois Compliance Grants, both of which were discontinued. Under the grant program, the District received approximately \$1.9 billion between 1973 and 1993, leaving 25 percent of the project cost to be borne by the District. The District continues to aggressively pursue federal and state funding to minimize the impact on our constituency. Low-interest SRF loans are an integral part of the District's capital improvements financing. SRF revenues are based on the award and construction schedule of specific projects, and funding is contingent upon how active other communities are in the program. In recent years, incentives such as principal forgiveness and reduced interest rates for disadvantaged and small communities have expanded participation in the program. Additionally, since 2021, available SRF funding has been reduced due to earmarks appropriated by Congress for projects at the community level. It is estimated that the District will receive approximately \$50.0 million annually in SRF loans for the next several years, which is a decrease from previous years. The District is also evaluating funding options through the EPA's WIFIA loan program to maximize taxpayer value.

## **Operating Cost Impacts of Capital Improvement Projects**

The annual maintenance and/or operating costs associated with new capital projects provide an important part of the decision-making process for the selection of capital projects. The operating cost impacts of proposed capital projects are analyzed by design personnel, as well as operating staff, in order to implement a Capital Improvement Program that meets operating needs in the most cost-effective manner. For example, the Mainstream TARP pump rehabilitation project, currently under construction and scheduled for completion in 2027, will increase energy efficiency. This project includes the rehabilitation of Mainstream TARP Pumps 1, 3, and 5, initially placed into service in 1985, including the rehabilitation of associated motors and discharge cone valves and actuators. Capital projects also serve as opportunities to evaluate new technology at one location and assess whether implementing that technology will reduce operating costs at other locations throughout the District. For example, in 2024 the District began installation of a biogas combined heat and power (CHP) system at the Egan Water Reclamation Plant (WRP), which will maximize the utilization of biogas throughout the year. Currently, the District uses biogas for heating, but during warmer months biogas is not fully utilized. The CHP project will provide an opportunity for assessment of the technology and its viability for production of electricity, analysis of options for pre-digestion treatment to increase biogas production, and a review of the financial return on investment, carbon offsets, and market risks. Although this is only a trial project, the technology could potentially be installed at other WRPs. It is anticipated that running one CHP unit will save



approximately \$44,000 annually and running two CHP units will save approximately \$100,000 annually. Operating impacts for each project are included on the individual project fact sheets.

**Phosphorus Removal Projects**

In the coming years, the District will be required to comply with more stringent phosphorus effluent limits prescribed by the National Pollutant Discharge Elimination System permits for each of the water reclamation plants. Table 1 below provides planned project awards for the fiscal years 2024-2029 which will be necessary to comply with the phosphorus effluent limits as shown in Table 3. There are currently no projects scheduled for award in 2026, 2027, and 2029. Table 2 below provides planned project awards which will also be necessary to comply with the phosphorus effluent limits, but are planned for award beyond the five-year forecast period. There are currently two projects scheduled for award during this period, in 2031 and 2033.

The District’s approach to compliance with phosphorus effluent limits has been to maximize phosphorus uptake in the biological process and, where appropriate, within the existing plant footprint. The District’s commitment to pursuing the biological process first provides environmental benefits - the phosphorus remains biologically available for future use as a fertilizer and in biosolids, which would not occur with chemical precipitation where the phosphorus is not readily available.

**Table 1: Planned Phosphorus Removal Project Awards for the Fiscal Years 2024-2029 (in thousands)**

Project Name	Project Number	2024	2025	2026	2027	2028	2029
Battery A Improvements and Battery B Installation of Mechanical Mixers, SWRP	08-174-3D	\$ 54,500					
Overburden Removal at Location of Battery E, OWRP	23-098-3P	7,384					
Phosphorus Removal, KWRP	19-375-3P		\$ 10,300				
Chemical Phosphorus Removal, OWRP	20-087-3P		14,000				
Battery E Activated Sludge Facility, OWRP	21-092-3P		367,751				
Plant Improvements, HPWRP	18-540-3P					\$ 20,000	
Phosphorus Removal, EWRP	19-415-3P					30,000	
Fermentation and Ancillary Facilities for Biological Phosphorus Removal Phase I, OWRP	20-085-3P					100,000	
<b>Total</b>		<b>\$ 61,884</b>	<b>\$ 392,051</b>	<b>\$ —</b>	<b>\$ —</b>	<b>\$ 150,000</b>	<b>\$ —</b>

**Table 2: Planned Phosphorus Removal Project Awards Beyond the Five-Year Forecast (in thousands)**

Project Name	Project Number	2030	2031	2032	2033	2034	2035
Fermentation and Ancillary Facilities for Biological Phosphorus Removal Phase II, OWRP	20-086-3P		\$ 30,000				
Fermentation and Ancillary Facilities for Biological Phosphorus Removal, CWRP	12-245-3P				\$ 6,000		
<b>Total</b>		<b>\$ —</b>	<b>\$ 30,000</b>	<b>\$ —</b>	<b>\$ 6,000</b>	<b>\$ —</b>	<b>\$ —</b>

Phosphorus removal efforts at the Stickney WRP have been underway since 2011 with research, pilot testing, and subsequent infrastructure improvements. With past construction projects and favorable influent conditions, biological efforts to remove phosphorus have been extremely successful using existing infrastructure. No plant expansion was necessary to meet the effluent limits for phosphorus. To manage occasional biological phosphorus removal challenges, a temporary chemical dosing system was constructed and placed in service in 2021. Mechanical mixers were installed in Batteries A, C, and D, and a construction project to install mechanical mixers in Battery B will begin in 2024. The Ostara® Nutrient Recovery Facility produces a phosphorus and nitrogen-rich fertilizer. This process, while returning a limited resource to the economy, also helps to stabilize the biological process to remove phosphorus, thereby contributing to WRP compliance. However, in order to ensure permit compliance under all foreseeable conditions, a permanent chemical addition backup system is also being installed. Construction on this backup system began in 2022 and is scheduled to be completed in 2025.

Phosphorus removal efforts at the Calumet WRP have shown that either additional carbon to supplement the biological process or chemical addition is necessary. The construction of a chemical phosphorus removal facility began in 2022 in order to meet the Calumet WRP’s effluent phosphorus limit of 1.0 mg/L which took affect in 2024. The chemical cost to remove phosphorus at the Calumet WRP is estimated to be \$12.2 million annually. The District remains committed to pursuing biological means to

remove phosphorus. The District completed a successful pilot of sidestream enhanced biological phosphorus removal in January 2022 and is now performing an engineering evaluation based on the data collected to determine what modifications can be installed to most sustainably remove phosphorus from the effluent flows. In the longer term, the District intends to use source control to reduce the phosphorus loads at the Calumet WRP which would make biological phosphorus removal more feasible, and we therefore anticipate a future project for fermentation and ancillary facilities to aid the biological process.

At the O’Brien WRP, there are several projects in planning and/or design necessary to meet the upcoming phosphorus limits, as well as upgrades to the aeration batteries that originally commenced service in 1928. The first scheduled project, Phosphorus Removal Modifications to Battery D, OWRP, will install infrastructure and reconfigure flow through the battery to implement sidestream enhanced biological phosphorus removal, and began construction in 2023. The results of this project will help to inform the design of biological phosphorus removal in the remaining batteries. In simultaneous, phased projects, the remaining aeration batteries will be upgraded to support biological phosphorus removal beginning in 2028. Phase I upgrades to Battery C includes similar biological phosphorus removal infrastructure, as well as influent gate replacement, removal of the center walls, installation of a new aeration system and improved sludge returning to increase efficiency, and replacement of deteriorating century old concrete. Phase II of this project will mimic the Battery C improvements in either Battery A or B. In addition to modernizing the existing batteries, design of a new aeration battery, Battery E, with biological phosphorus removal capability has also begun, with construction scheduled to begin in 2025. This additional battery will replace treatment capacity for the plant at the times the existing batteries are retrofitted with the implementation of the biological phosphorus removal processes. To prepare for the construction of Battery E, a project has been awarded in 2024 to remove the overburden from the site, which should shorten the construction time for Battery E. The Phase I and II battery upgrade projects will begin after the construction of Battery E has been completed, to minimize disruptions at the plant and maintain treatment capacity, with construction anticipated to begin in 2028 and 2031, respectively. Finally, the installation of a chemical backup system, scheduled to be awarded in 2025, will ensure permit compliance when the phosphorus level of the effluent will be 1.0 mg/L or lower by August 2027 and 0.5 mg/L by January 2030.

**Table 3: Effluent Phosphorus Permit Schedule**

<b>Water Reclamation Plant</b>	<b>Effluent Phosphorus Limit</b>	<b>Permit Timeframe</b>
Stickney WRP	1.0 mg/L 0.5 mg/L	2021 (Permit active) January 2030
Calumet WRP	1.0 mg/L 0.5 mg/L	2024 (Permit active) January 2030
O'Brien WRP	1.0 mg/L 0.5 mg/L	August 2027 January 2030
Kirie WRP	1.0 mg/L 0.5 mg/L	August 2026 January 2030
Egan WRP	1.0 mg/L	January 2031 or 2032 depending on method
Hanover Park WRP	1.0 mg/L	May 2031 or 2032 depending on method
Lemont WRP	1.0 mg/L 0.5 mg/L	To be determined January 2030

The Kirie WRP has successfully implemented biological phosphorus removal through the use of existing infrastructure and temporary measures such as baffle walls and return sludge pumps. While the Kirie WRP is currently removing phosphorus, a more permanent system is still required in order to ensure continued permit compliance, and is scheduled for construction in 2025. This project will install large bubble mixers and baffles to enhance the stability of the biological phosphorus removal process and also install a backup chemical system. As a participant in the DuPage River Salt Creek Watershed workgroup, the new phosphorus permit limit for the Egan and Hanover Park WRPs is further in the future. The District, however, is prepared to construct the necessary phosphorus removal facilities for the Egan and Hanover Park WRPs and complete the modernization and reconfiguration of the last aeration battery at the O’Brien WRP in the coming years. Small scale pilots are currently underway at the Egan and Hanover Park WRPs to assist with determining the best methods to achieve permit required phosphorus reductions. Depending on the outcome of these pilots, a temporary configuration may be constructed at one or both WRPs and information learned from these studies will guide decisions on the required modifications to the facilities. Projects for phosphorus removal modifications at the Hanover Park and Egan WRPs are anticipated to begin in 2031.

**Overall Capital Improvement Program Costs**

The District’s 2025 Capital Improvement Program includes 2025 project awards, program support, and projects under construction at award value with a total estimated cost of approximately \$1,476.3 million. A breakdown of these projects (in millions of dollars) is as follows:

2025 project awards	\$ 722.4
2025 program support (project support and land)	59.1
Projects currently under construction (award value)	<u>694.8</u>
Total	\$ 1,476.3

◆ A breakdown of projects scheduled for 2025 award by fund is as follows:

Construction Fund projects	\$ 117.7
Capital Improvements Bond Fund projects	512.9
Stormwater Management Fund projects	<u>91.8</u>
Total	\$ 722.4

◆ A breakdown of projects under construction (award value) by fund is as follows:

Construction Fund projects	\$ 64.0
Capital Improvements Bond Fund projects	501.4
Stormwater Management Fund projects	<u>129.4</u>
Total	\$ 694.8

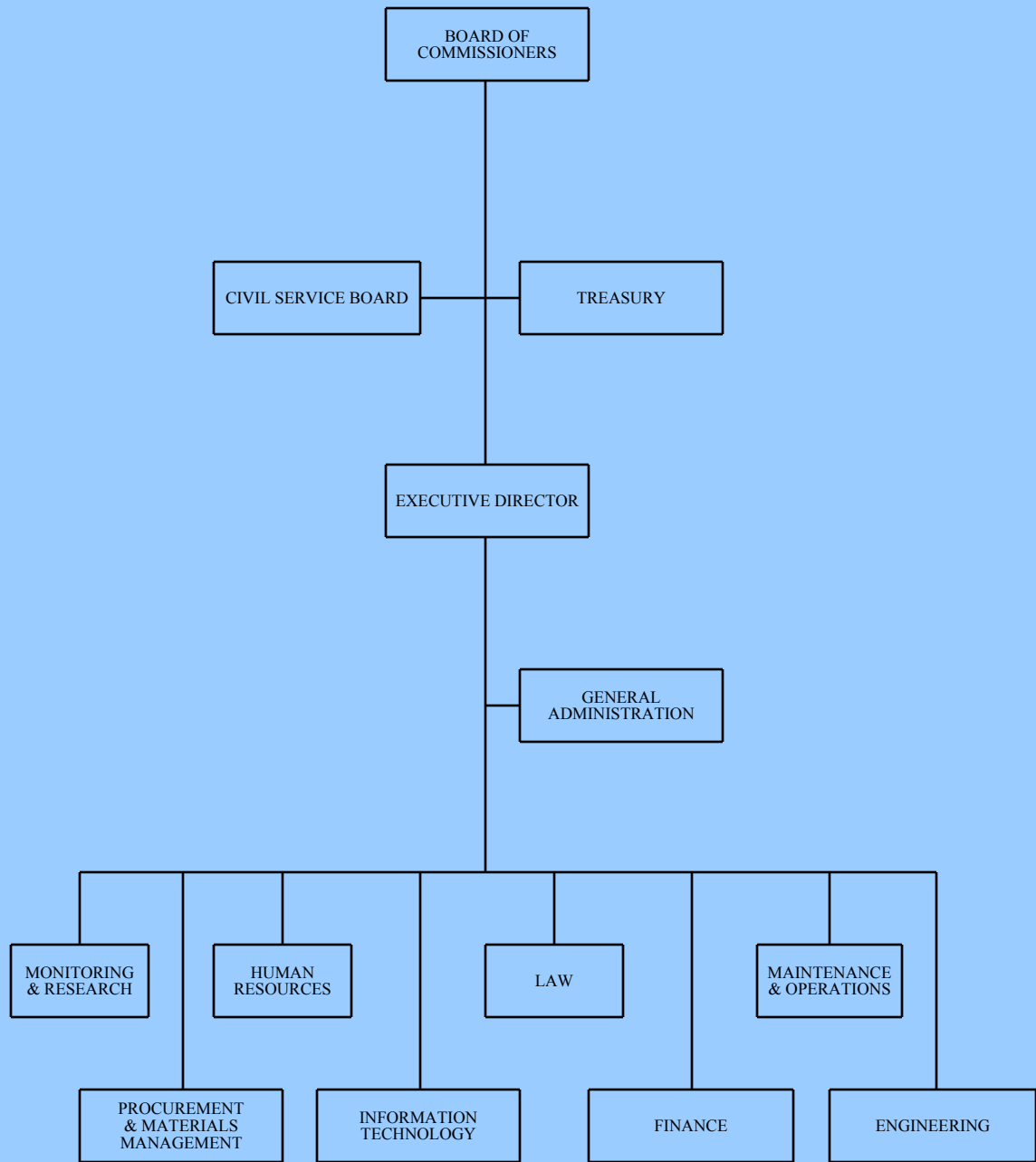
The table on the next page shows the 10-year construction cost projections for the Capital Improvement Program, including Stormwater Management capital projects.

**10-YEAR CAPITAL IMPROVEMENT PROGRAM SUMMARY  
2020 - 2029 CAPITAL PROJECT CONSTRUCTION COST**

	ACTUAL CASH DISBURSEMENTS					ESTIMATED CASH DISBURSEMENTS					TOTAL
	2020	2021	2022	2023	2024*	2025	2026	2027	2028	2029	2020-2029
<b>BY CATEGORY</b>											
Water Reclamation Plants and Solids Management	\$ 52.8	\$ 46.2	\$ 27.5	\$ 58.3	\$ 50.2	\$ 145.7	\$ 206.2	\$ 262.6	\$ 102.4	\$ 122.7	\$ 1,074.8
Replacement of Facilities	\$ 5.3	\$ 2.4	\$ 4.4	\$ 10.6	\$ 33.5	\$ 61.4	\$ 57.5	\$ 21.8	\$ 17.3	\$ 28.4	\$ 242.4
Collection Facilities	\$ 3.8	\$ 0.1	\$ 0.2	\$ 2.8	\$ 41.4	\$ 85.5	\$ 46.3	\$ 31.1	\$ 31.2	\$ 28.7	\$ 271.3
Stormwater Management	\$ 47.2	\$ 41.7	\$ 30.0	\$ 38.0	\$ 73.2	\$ 69.0	\$ 57.9	\$ 52.7	\$ 49.6	\$ 48.2	\$ 507.4
Tunnel and Reservoir Plan	\$ 15.8	\$ 7.2	\$ 31.3	\$ 17.9	\$ 4.1	\$ 14.0	\$ 22.1	\$ 11.3	\$ 13.3	\$ 41.3	\$ 178.4
<b>TOTAL</b>	<b>\$ 124.9</b>	<b>\$ 97.5</b>	<b>\$ 93.4</b>	<b>\$ 127.7</b>	<b>\$ 202.4</b>	<b>\$ 375.5</b>	<b>\$ 390.1</b>	<b>\$ 379.6</b>	<b>\$ 213.8</b>	<b>\$ 269.4</b>	<b>\$ 2,274.3</b>
<b>BY FUND</b>											
Stormwater Management Fund	\$ 25.8	\$ 21.9	\$ 23.6	\$ 31.4	\$ 73.2	\$ 67.0	\$ 57.8	\$ 52.5	\$ 49.5	\$ 48.2	\$ 450.8
Construction Fund	\$ 7.7	\$ 7.2	\$ 6.5	\$ 21.9	\$ 26.4	\$ 40.5	\$ 32.3	\$ 34.0	\$ 27.9	\$ 25.6	\$ 230.2
Capital Improvements Bond Fund	\$ 91.5	\$ 68.3	\$ 63.3	\$ 74.4	\$ 102.8	\$ 268.0	\$ 299.9	\$ 293.0	\$ 136.4	\$ 195.6	\$ 1,593.2
<b>TOTAL</b>	<b>\$ 124.9</b>	<b>\$ 97.5</b>	<b>\$ 93.4</b>	<b>\$ 127.7</b>	<b>\$ 202.4</b>	<b>\$ 375.5</b>	<b>\$ 390.1</b>	<b>\$ 379.6</b>	<b>\$ 213.8</b>	<b>\$ 269.4</b>	<b>\$ 2,274.3</b>

- Notes:
1. All project costs are in millions of dollars.
  2. Summary includes project construction costs.
  3. Information regarding the distribution of funds between the sub-items in the Construction and Capital Improvements Bond Funds can be found in the Five-Year Financial Forecast.
  4. Amounts are rounded.

\* PROJECTED CASH DISBURSEMENTS



## CONSTRUCTION FUND

### Fund Summary

The Construction Fund provides for the acquisition of infrastructure assets or the rehabilitation of existing structures that increase the efficiency or extend the useful life of the structure. The useful life of the improvement is at least 15 years and the values are generally less than \$3.0 million. The Construction Fund is a pay-as-you-go capital fund and is funded primarily by property taxes. Recognizing the need to invest in modernizing aging infrastructure, the District allocated \$25.0 million in Personal Property Replacement Tax revenue to the Construction Fund in 2023 and 2024 and plans to allocate \$18.0 million in 2025 and \$15.0 million each year from 2026 to 2029 to finance smaller capital projects on a pay-as-you-go basis.

### Summary of 2024 Major Accomplishments

- Completed the installation of a new aeration diffuser system in the North Aeration Battery at the Egan WRP. A study of the aeration system will be performed to identify operational and maintenance improvements;
- Completed the multi-year study that entailed formulating conceptual plans aimed at achieving energy neutrality at one WRP by 2030 and District-wide by 2035. Items from the plan need to be reviewed further to ensure feasibility and to determine how best to incorporate into the District's overall Capital Improvement Plan to embed resiliency throughout the organization;
- Awarded a contract to assist the District with modernizing the biosolids management facilities for the Stickney WRP. The contract will explore opportunities to recover, reuse, and monetize resources from the District's biosolids operations;
- Completed the construction of a phosphorus removal facility at the Calumet WRP. The facility will enable the WRP to meet the permit limit for phosphorus removal (1.0 mg/L), which became effective in 2024. Achieving 100 percent permit compliance is a key element of the Strategic Plan Goal of Resource Management;
- Removed failed hydraulic gates at the Stickney WRP for improved control of the influent flow to the Stickney WRP and the Mainstream Tunnel from the Tunnel and Reservoir Plan;
- Continued to invest in new HVAC equipment and systems. These systems are essential to keeping critical equipment, such as laboratory assets, operating continuously and reliably and maintaining air quality and temperatures at acceptable levels. A contract for the Calumet and Stickney Service Areas at an estimated cost of approximately \$19.0 million dollars is scheduled for award in December. A separate contract, also managed by the M&O Department's Asset Management Section, which includes HVAC improvements for the North Service Area at an estimated cost of approximately \$9.0 million dollars for the HVAC component, is scheduled to be advertised in late 2024 and awarded in early 2025;
- Prepared a contract to install new truck scales and all appurtenances at the Stickney WRP and biosolids management sites. The scales, needed to weigh incoming and outgoing biosolids, are critical assets of the biosolids management program;
- Began a multi-phase project to regrade the lagoons at the Calumet Solids Management Area, which are used for storing biosolids. The restoration of the lagoons will increase storage capacity, which is important to effectively managing the flow of incoming and outgoing biosolids;
- Initiated a major project to implement mechanical process improvements in the North and Stickney Service Areas. The resulting modifications and improvements should reduce equipment failures, downtime, and maintenance costs, hallmarks of a strong asset management program;
- Rehabilitated digester covers in the North Service Area. Digesters, used to treat wastewater solids, are subject to the deterioration that occurs in a harsh operating environment;
- Began a District-wide effort to replace failing roof systems and pavement. Maintaining critical infrastructure, like roofs and roads, contributes to organizational resiliency;
- Restored the exterior facade of the Walters Road Pumping Station in the North Service Area, which was commissioned in 1963. The work eliminated structural deficiencies while modernizing the look of the building to better integrate with the architecture and design of the surrounding residential neighborhood. Projects like these demonstrate the District's commitment to acting as an accountable and responsive neighbor;
- Rehabilitated the Nicholas J. Melas Centennial Fountain, a Chicago landmark, that was built in 1989 to commemorate the 100th anniversary of the District. The fountain serves as a reminder of the District's longstanding environmental advocacy;
- Installed harmonic filters at the tunnel access pump stations, West Side primary tanks, and the aerated grit facility at the Stickney WRP. The filters will improve power quality, prevent damage to equipment, and reduce operational downtime;
- Completed the project to upgrade fire detection systems at various locations, which included removing obsolete equipment and installing new programmable field devices. Fire safety is a fundamental mandate for all District facilities;
- Completed a machine learning study and statistical evaluation to inform a conceptual plan to reduce odors and organic solids in the Thornton Composite Reservoir.

## 2025 Appropriation

The 2025 appropriation for the Construction Fund is \$81,080,900, an increase of \$6,482,100, or 8.7 percent, from 2024. For the 2025 budget, in addition to the tax levy and existing assets appropriable, which are generally the primary sources of funding, an additional \$18.0 million will be allocated from the Personal Property Replacement Tax. The 2025 value of the Construction Fund Program includes \$38,257,200 for projects under construction and \$37,500,000 for projects scheduled for award in 2025. An additional \$5,323,700 is appropriated for purposes not specifically associated with listed project costs, such as professional engineering services for capital project design and programs and initiatives in connection with biosolids management, energy conservation and neutrality, and process master planning. There are no staff positions budgeted in the Construction Fund.

## 2025 Budget Highlights

The following budget highlights support the District's Strategic Plan Goal of Resource Management, defined as maintaining a high level of performance while fulfilling the District's core mission of protecting the public health and area waterways and pursuing opportunities to recover and reuse resources. The initiatives described below exemplify the District's goal of maintaining and operating its facilities and assets to provide that high level of service.

### **Design and maintain a Capital Improvement Program that emphasizes preserving and improving assets for optimal performance, long-term sustainability, and equitable and consistent service delivery**

- Design and implement projects with the purpose of providing valuable equipment redundancies, preventing system failures, and maximizing equipment uptime for permit compliance;
- Carefully assess outside forces and influences, such as stakeholder concerns and perceptions and environmental and economic forecasts and conditions, when planning for capital infrastructure needs;
- Continue to build an Asset Management Program that is sustainable, optimizes the life cycle of critical assets, and considers the long-term environmental and financial implications of all plans and activities;
- Allocate resources to ensure that the operating capacity of the District's assets is maintained at a high level. In 2025, the District will oversee 41 new and 11 existing Construction Fund projects related to the core programs and functions of collection, treatment, solids processing and utilization, and flood and pollution control. An additional 25 projects are under development and should be awarded over the five-year planning cycle;
- Provide funding for several major, multi-year projects managed by the Maintenance & Operations Department's Asset Management Section, including mechanical process improvements in the North and Stickney Service Areas, HVAC improvements in the Calumet, North, and Stickney Service Areas, building management system improvements at the Egan WRP, aeration blower improvements at the Stickney WRP, post-digestion centrifuge rehabilitation at the Stickney WRP, gas monitoring system replacements in the North and Stickney Service Areas, installation of shaftless screw conveyors at the Calumet WRP and mechanical equipment improvements for the Tunnel and Reservoir Plan in the Calumet Service Area;
- Upgrade the building automation system infrastructure at operations facilities at the Calumet and Egan WRPs. The building management systems manage and monitor the electrical and mechanical equipment, which control the heating, ventilation, and air conditioning. The precise control of the systems that manage the ambient environment is critical to the safety of the individuals who work with the welding, cutting, and torching equipment and operate the heavy equipment, trucks, and machines in the those areas. The upgraded systems will also incorporate improved technologies;
- Update the controls of the Ostara reactors, which are the core of the Ostara nutrient recovery process at the Stickney WRP. To assist with the enhanced biological phosphorus removal (EBPR) process (implemented to meet stricter discharge permit limits), the phosphorus from the post-digestion centrifuge recycle stream is reclaimed using Ostara nutrient recovery technologies. Without the Ostara system, the untreated phosphorus rich recycle stream would circle back to the main treatment process, add to the incoming phosphorus load, and potentially interfere with the stability of the EBPR process. The Ostara system has proven to help stabilize mainstream EBPR performance and reduce the need for polishing chemicals that are used under certain conditions to boost the process. Another major benefit of the Ostara system is its ability to remove phosphorus and nitrogen from the feed water and convert them into a high-value fertilizer and soil conditioner used by a variety of industries;
- Continue to pursue research programs focused on addressing impending or anticipated future regulatory actions, achieving energy savings and resource recovery, and driving innovation, all of which are success measures of Resource Management.

The following budget highlights support the District's Strategic Plan Goal of Community Engagement. The initiative described below illustrates the District's determination to serve as a critical community asset, a responsive neighbor, and an inclusive business partner.

**Collaborate with similarly motivated agencies and organizations to advance the mission and goals of the District and improve the communities in which they operate**

- Maintain membership in the DuPage River Salt Creek Workgroup (DRSCW), which is a non-profit organization formed by local communities, water reclamation plants, and environmental organizations to address water quality issues at the watershed level. The District recently funded and managed a project to remove the Graue Mill Dam to stabilize banks and enhance the surrounding habitat. The project, which is substantially complete, fulfills the District's commitment to support capital improvement projects along the waterway and complies with the Egan and Hanover Park WRPs' National Pollutant Discharge Elimination System provisions to support such waterway improvements in lieu of establishing additional nutrient removal facilities at the WRPs. The total cost of the project is approximately \$9.3 million cost of which the District will pay \$6,010,000. The remainder will be paid by the DRSCW as a reimbursement to the District.

**Act as a good neighbor by funding projects designed to preserve and improve the appearance and safety of District properties and facilities and generate community goodwill**

- Continue the second phase of a project to replace the fence that borders the Hanover Park WRP and the adjacent elementary school with one that is more secure, durable, and aesthetically pleasing.

The following budget highlight supports the District's Strategic Plan Goal of Resource Management. The initiative described below reflects the District's dedication to establishing resource management practices that strengthen the District's operational position, resulting in reliable and cost-effective services.

**Pursue resource recovery opportunities to increase sustainability, recover costs, and improve functionality in the face of a changing environment**

- Install a biogas combined heat and power system at the Egan WRP, which will provide a first-hand opportunity to assess and examine the technology and its potential for electricity generation, analyze options for pre-digestion treatment to increase biogas production, and evaluate the return on investment, carbon offsets, and market risks. The biogas-to-energy system is an efficient approach to generating electricity from biogas (a byproduct of the wastewater treatment process) at the point of use. Instead of flaring the biogas and wasting its energy potential, it will be used to recover heat and produce electricity. Extracting the value from biogas is a prime example of what can be recovered and ultimately achieved with a wastewater treatment process that incorporates smart designs and systems.



**Construction Fund Program****Awards in 2025**

Project Name	Project Number	Est. Construction Cost	2025 Appropriation	Duration (days)	Est. Award Date
Upper Des Plaines Dropshafts 1/1A and 5 Rehabilitation and Calumet Dropshaft 34 Modification, NSA and CSA	23-378-3S	\$ 6,500	\$ 4,923	458	Jan 2025
Fox River Water Reclamation District (FRWRD) Plantwide Electrical Improvements	23-IGA-36	9,049	943	1,001	Jan 2025
Construction Trailer and Modifications of Supports for Raw Sewage Pump Discharge Pipes, KWRP	22-377-2D	5,215	1,137	730	Feb 2025
Kirie - Egan Solids Pipeline Rehabilitation Section No. 1, NSA	23-416-2S	4,800	2,083	464	Feb 2025
Fox River Water Reclamation District (FRWRD) Albin D. Pagorski WRP Bar Screens	23-IGA-35	625	272	616	Feb 2025
Replace Gas Monitoring Systems, Various Locations	23-635-21	2,000	250	670	Mar 2025
Aeration Blower Improvements, SWRP	24-901-21	5,100	1,500	1,401	Mar 2025
Rehabilitate Aeration Blowers, SWRP	24-908-21	3,600	2,100	670	Mar 2025
Specialized Railroad Car Rehabilitation, SSA	25-922-21	1,800	900	670	Mar 2025
Modify Air Vent Elevation, DS-M13, SSA	J66679-002	350	350	305	Mar 2025
Lockport Powerhouse Buoy Barrier, SSA	25-605-21	235	235	274	Apr 2025
Roof Rehabilitation, Various Locations	25-612-21	4,000	3,000	639	Apr 2025
Remove and Replace Pavement, Various Locations	25-651-21	4,000	3,000	639	Apr 2025
Calumet Union Ditch Wing Wall and Bank Restoration, CSA	J66634-03	150	150	274	Apr 2025
SEPA No. 3 Paver Walkway Improvement, CSA	J66679-05	200	200	274	Apr 2025
Roof Replacement of Building 29, CWRP	J68843-033	324	324	90	Apr 2025
Lagoons 4 and 6 Slope Regrade, CALSMA	J68850-003	500	500	61	Apr 2025
HVAC Improvements to UV Building and Switchgear Building, OWRP	22-093-2M	3,000	581	501	May 2025
Permeable Paver Restoration, EWRP	25-721-21	150	150	60	May 2025
Fence Installation Phase 2, HPWRP	25-724-21	300	300	60	May 2025
Rehabilitation of Algae Removal System, KWRP	25-725-21	270	270	213	May 2025
Rehabilitate Roads and Floor at the Gloria Alitto Majewski Reservoir, KWRP	J67783-47	300	300	91	May 2025
Access Platform Installation, KWRP	J67785-09	200	200	183	May 2025
Replace Epoxy Floor, KWRP	J67785-10	250	250	183	May 2025
Exhaust Fan System Replacements, NSA	J67795-016	300	300	122	May 2025
Pump and Blower Building Floor Modifications, CWRP	J68843-032	370	370	91	May 2025
Fox River Water Reclamation District (FRWRD) Operations and Maintenance Building Replacement	21-IGA-21	416	23	399	Jun 2025
Underground Storage Tank Improvements, Various Locations	22-602-21	900	150	943	Jun 2025
TARP Mechanical Equipment Improvements, CWRP	23-801-21	14,500	1,750	943	Jun 2025

<b>Awards in 2025 (continued)</b>						
Project Name	Project Number	Est. Construction Cost	2025 Appropriation	Duration (days)	Est. Award Date	
Centrifuge Rehabilitation, SWRP	24-902-21	\$ 3,900	\$ 1,300	943	Jun 2025	
Building Management System Improvements, CWRP and EWRP	25-629-21	6,000	3,500	578	Jun 2025	
Roof Rehabilitation, EWRP	25-727-21	2,300	2,300	121	Jun 2025	
Replace Ostara Process Controls, SWRP	25-929-21	1,200	1,200	152	Aug 2025	
Low Voltage Pump and Blower Switchgear and Aerated Grit Motor Control Center Replacement, SWRP	19-156-2E	6,750	379	492	Sep 2025	
HVAC and Sludge Pump Improvements, Various Locations	25-624-21	15,500	500	1,217	Sep 2025	
Installation of Shaftless Screw Conveyors in the Aerated Grit Tanks, CWRP	25-821-21	8,200	200	790	Sep 2025	
Remove and Replace One 23XL Chiller, Main Office Building	22-404-21	700	350	180	Oct 2025	
Trash Rake Improvements, MSPS	25-923-21	2,200	200	456	Oct 2025	
Rehabilitate One Electric Motor, SWRP	25-926-21	600	100	608	Oct 2025	
Centennial Fountain Stair Restoration, SSA	J66631-26	210	210	91	Oct 2025	
Railroad Track Improvements, SSA	20-907-21	750	750	365	Nov 2025	
Total 2025 Awards		\$ 117,714	\$ 37,500			

<b>Projects Under Construction</b>						
Project Name	Project Number	Est. Construction Cost	2025 Appropriation	Duration (days)	Award Date	
Biogas Combined Heat and Power System, EWRP	20-415-2S	\$ 10,596	\$ 6,096	848	Jan 2024	
Rehabilitate Digester Covers, Various Locations	23-684-22D	751	500	699	Feb 2024	
Biosolids Management Strategy, SWRP	23-RFP-19	1,500	950	903	Jul 2024	
Replacement of Telemetry, Various Locations	20-861-2E	3,154	2,964	353	Sep 2024	
Remove and Replace Pavement, Various Locations	24-651-21	1,076	1,076	437	Sep 2024	
Mechanical Process Improvements, Various Locations	24-601-21	18,000	10,500	790	Nov 2024	
HVAC System Replacement, Various Locations	24-638-21	19,144	9,442	1,155	Nov 2024	
Centrifuge Improvements at Post-Digestion Centrifuge Facility, SWRP	22-903-21	5,400	2,400	760	Dec 2024	
Bathroom Renovation, SWRP	24-110-21	380	350	360	Dec 2024	
Roof Rehabilitation, Various Locations	24-612-22	2,400	2,400	360	Dec 2024	
Truck Scale Replacements, Various Locations	24-695-22	1,579	1,579	377	Dec 2024	
Total Projects Under Construction		\$ 63,979	\$ 38,257			

**Projects Under Development**

Project Name	Project Number	Est. Construction Cost	2025 Appropriation	Duration (days)	Est. Award Date
Furnish, Deliver, and Install Turbo Blowers, EWRP and KWRP	23-704-21	\$ 2,500	\$ —	364	Jan 2026
Fire Suppression System for Generators, LPH	26-607-21	150	—	333	Feb 2026
Lighting Improvements, CSA	J68823-003	500	—	333	Feb 2026
Elevator Upgrades, KWRP and OWRP	21-701-21	4,000	—	1,036	Mar 2026
Lockport Turbine Generator Rehabilitation, SSA	25-601-21	4,200	—	670	Mar 2026
Building Splash Guard, LPH	26-610-21	2,000	—	305	Mar 2026
Expand Building Automation System, Main Office Building	J15090-082	1,500	—	670	Mar 2026
Furnish, Deliver, and Install 480V Power Feeds to Aeration Batteries A, B, and C, CWRP	J68823-001	250	—	365	Mar 2026
Edelweiss Slope Restoration, CSA	J66679-06	200	—	274	Apr 2026
6th Street Construction and Utility Tunnel Rehabilitation and Various Roof Replacements, CWRP	19-257-2D	5,000	—	426	May 2026
Discharge Valve Rehabilitation on Main Sewage Pumps 1-4, SWRP	25-921-21	1,000	—	609	May 2026
Primary Tank Improvements, SWRP	25-924-21	250	—	578	Jun 2026
Furnish, Deliver, and Install Protective Relays, LPH	25-621-21	100	—	548	Jul 2026
Rehabilitation of the Overhead Bridge Crane in the Discharge Valve Chamber, MSPS	21-903-21	1,100	—	456	Oct 2026
Replace Coarse Screens, OWRP	22-702-21	7,800	—	456	Oct 2026
Rehabilitation of Gates and Actuators for Wheel Gates G3 and G4, MSPS	23-903-21	4,000	—	1,187	Oct 2026
Gate Control Equipment Upgrade at TARP Control Structures, KWRP, NSA	06-358-2M	3,000	—	515	Dec 2026
Furnish, Deliver, and Install AC Drives for South Post-Digestion Centrifuges, SWRP	25-925-21	1,050	—	699	Feb 2027
Transformer Fire Barrier, LPH	J66634-04	175	—	305	Mar 2027
Low-Water Crossing Removal, LPH	27-615-21	800	—	274	Apr 2027
Digester Rehabilitation, HPWRP	19-541-2P	6,000	—	512	Jun 2027
Battery C Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-129-2D	3,000	—	513	Sep 2027
Replacement of Locomotive Terminal Building, SWRP	18-143-2D	8,000	—	532	Dec 2027
Stickney Effluent Reuse Line, SSA	14-107-2S	1,100	—	192	Apr 2028
Fox River Water Reclamation District (FRWRD) Biosolids Gas Utilization	21-IGA-20	887	—	589	Sep 2028
Total Future Awards		\$ 58,562			
Cumulative 2025 Awards, Projects Under Construction, and Future Awards		\$ 240,256			

**Note: All cost figures are in thousands of dollars.**

**CAPITAL PROJECTS LISTED BY SERVICE AREA - CONSTRUCTION FUND**

The following is a list of capital projects within the District’s three major service areas. They are presented by their association with a water reclamation plant (WRP) and by their completion status: projects for 2025 award, under construction, or under development.

**STICKNEY  
SERVICE  
AREA (SSA)**

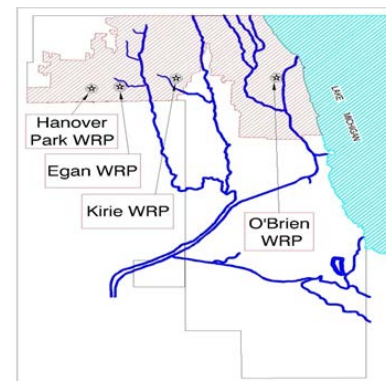


**Stickney Water Reclamation Plant (SWRP)**

		<b>Estimated Substantial Completion Date</b>	<b>Estimated Construction Cost</b>
<b>Projects for 2025 Award</b>			
19-156-2E	Low Voltage Pump and Blower Switchgear and Aerated Grit Motor Control Center Replacement, SWRP		\$ 6,750,000
20-907-21	Railroad Track Improvements, SSA		750,000
22-404-21	Remove and Replace One 23XL Chiller, Main Office Building		700,000
22-602-21	Underground Storage Tank Improvements, Various Locations		900,000
24-901-21	Aeration Blower Improvements, SWRP		5,100,000
24-902-21	Centrifuge Rehabilitation, SWRP		3,900,000
24-908-21	Rehabilitate Aeration Blowers, SWRP		3,600,000
25-605-21	Lockport Powerhouse Buoy Barrier, SSA		235,000
25-612-21	Roof Rehabilitation, Various Locations		4,000,000
25-651-21	Remove and Replace Pavement, Various Locations		4,000,000
25-922-21	Specialized Railroad Car Rehabilitation, SSA		1,800,000
25-923-21	Trash Rake Improvements, MSPS		2,200,000
25-926-21	Rehabilitate One Electric Motor, SWRP		600,000
25-929-21	Replace Ostara Process Controls, SWRP		1,200,000
J66631-26	Centennial Fountain Stair Restoration, SSA		210,000
J66679-002	Modify Air Vent Elevation, DS-M13, SSA		350,000
		<b>Total</b>	<b>\$ 36,295,000</b>
<b>Projects Under Construction</b>			
22-903-21	Centrifuge Improvements at Post-Digestion Centrifuge Facility, SWRP	12/26	\$ 5,400,000
23-RFP-19	Biosolids Management Strategy, SWRP	12/26	1,500,000
24-110-21	Bathroom Renovation, SWRP	11/25	380,000
24-612-22	Roof Rehabilitation, Various Locations	11/25	2,400,000
24-638-21	HVAC System Replacement, Various Locations	12/27	19,144,000
24-651-21	Remove and Replace Pavement, Various Locations	11/25	1,076,000
24-695-22	Truck Scale Replacements, Various Locations	12/25	1,579,000
		<b>Total</b>	<b>\$ 31,479,000</b>

<b>Projects Under Development</b>		<b>Estimated Substantial Completion Date</b>	<b>Estimated Construction Cost</b>
14-107-2S	Stickney Effluent Reuse Line, SSA		\$ 1,100,000
16-129-2D	Battery C Final Settling Tanks, Rehabilitation of Concrete, SWRP		3,000,000
18-143-2D	Replacement of Locomotive Terminal Building, SWRP		8,000,000
21-903-21	Rehabilitation of the Overhead Bridge Crane in the Discharge Valve Chamber, MSPS		1,100,000
23-903-21	Rehabilitation of Gates and Actuators for Wheel Gates G3 and G4, MSPS		4,000,000
25-601-21	Lockport Turbine Generator Rehabilitation, SSA		4,200,000
25-621-21	Furnish, Deliver, and Install Protective Relays, LPH		100,000
25-921-21	Discharge Valve Rehabilitation on Main Sewage Pumps 1-4, SWRP		1,000,000
25-924-21	Primary Tank Improvements, SWRP		250,000
25-925-21	Furnish, Deliver, and Install AC Drives for South Post-Digestion Centrifuges, SWRP		1,050,000
26-607-21	Fire Suppression System for Generators, LPH		150,000
26-610-21	Building Splash Guard, LPH		2,000,000
27-615-21	Low-Water Crossing Removal, LPH		800,000
J15090-082	Expand Building Automation System, Main Office Building		1,500,000
J66634-04	Transformer Fire Barrier, LPH		175,000
		Total	<b>\$ 28,425,000</b>
		Stickney Service Area Grand Total	<b>\$ 96,199,000</b>

**NORTH  
SERVICE  
AREA (NSA)**

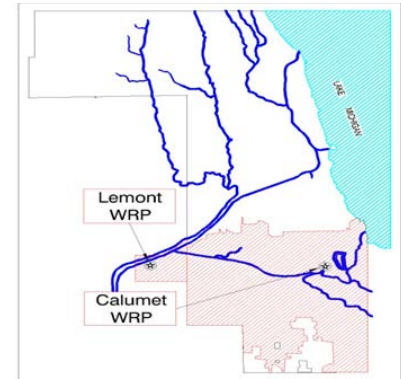


**Terrence J. O'Brien Water Reclamation Plant (OWRP)  
John E. Egan Water Reclamation Plant (EWRP)  
James C. Kirie Water Reclamation Plant (KWRP)  
Hanover Park Water Reclamation Plant (HPWRP)**

<b>Projects for 2025 Award</b>		<b>Estimated Substantial Completion Date</b>	<b>Estimated Construction Cost</b>
21-IGA-21	Fox River Water Reclamation District (FRWRD) Operations and Maintenance Building Replacement		\$ 416,300
22-093-2M	HVAC Improvements to UV Building and Switchgear Building, OWRP		3,000,000
22-377-2D	Construction Trailer and Modifications of Supports for Raw Sewage Pump Discharge Pipes, KWRP		5,215,000
23-378-3S	Upper Des Plaines Dropshafts 1/1A and 5 Rehabilitation and Calumet Dropshaft 34 Modification, NSA and CSA		6,500,000
23-416-2S	Kirie - Egan Solids Pipeline Rehabilitation Section No. 1, NSA		4,800,000
23-635-21	Replace Gas Monitoring Systems, Various Locations		2,000,000
23-IGA-35	Fox River Water Reclamation District (FRWRD) Albin D. Pagorski WRP Bar Screens		624,500
23-IGA-36	Fox River Water Reclamation District (FRWRD) Plantwide Electrical Improvements		9,049,300
25-624-21	HVAC and Sludge Pump Improvements, Various Locations		15,500,000
25-629-21	Building Management System Improvements, CWRP and EWRP		6,000,000
25-721-21	Permeable Paver Restoration, EWRP		150,000
25-724-21	Fence Installation Phase 2, HPWRP		300,000
25-725-21	Rehabilitation of Algae Removal System, KWRP		270,000
25-727-21	Roof Rehabilitation, EWRP		2,300,000
J67783-47	Rehabilitate Roads and Floor at the Gloria Alitto Majewski Reservoir, KWRP		300,000
J67785-09	Access Platform Installation, KWRP		200,000
J67785-10	Replace Epoxy Floor, KWRP		250,000
J67795-016	Exhaust Fan System Replacements, NSA		300,000
<b>Total</b>			<b>\$ 57,175,100</b>

		<b>Estimated Substantial Completion Date</b>	<b>Estimated Construction Cost</b>
<b>Projects Under Construction</b>			
20-415-2S	Biogas Combined Heat and Power System, EWRP	5/26	\$ 10,595,800
24-601-21	Mechanical Process Improvements, Various Locations	12/26	18,000,000
Total			<b>\$ 28,595,800</b>
 <b>Projects Under Development</b>			
06-358-2M	Gate Control Equipment Upgrade at TARP Control Structures, KWRP, NSA		\$ 3,000,000
19-541-2P	Digester Rehabilitation, HPWRP		6,000,000
21-701-21	Elevator Upgrades, KWRP and OWRP		4,000,000
21-IGA-20	Fox River Water Reclamation District (FRWRD) Biosolids Gas Utilization		887,000
22-702-21	Replace Coarse Screens, OWRP		7,800,000
23-704-21	Furnish, Deliver, and Install Turbo Blowers, EWRP and KWRP		2,500,000
Total			<b>\$ 24,187,000</b>
North Service Area Grand Total			<b>\$ 109,957,900</b>

**CALUMET  
SERVICE  
AREA (CSA)**



**Calumet Water Reclamation Plant (CWRP)  
Lemont Water Reclamation Plant (LWRP)**

		<b>Estimated Substantial Completion Date</b>	<b>Estimated Construction Cost</b>
<b>Projects for 2025 Award</b>			
23-801-21	TARP Mechanical Equipment Improvements, CWRP		\$ 14,500,000
25-821-21	Installation of Shaftless Screw Conveyors in the Aerated Grit Tanks, CWRP		8,200,000
J66634-03	Calumet Union Ditch Wing Wall and Bank Restoration, CSA		150,000
J66679-05	SEPA No. 3 Paver Walkway Improvement, CSA		200,000
J68843-032	Pump and Blower Building Floor Modifications, CWRP		370,000
J68843-033	Roof Replacement of Building 29, CWRP		324,000
J68850-003	Lagoons 4 and 6 Slope Regrade, CALSMA		500,000
		<b>Total</b>	<b>\$ 24,244,000</b>
<b>Projects Under Construction</b>			
20-861-2E	Replacement of Telemetry, Various Locations	8/25	\$ 3,153,600
23-684-22D	Rehabilitate Digester Covers, Various Locations	12/25	751,000
		<b>Total</b>	<b>\$ 3,904,600</b>
<b>Projects Under Development</b>			
19-257-2D	6th Street Construction and Utility Tunnel Rehabilitation and Various Roof Replacements, CWRP		\$ 5,000,000
J66679-06	Edelweiss Slope Restoration, CSA		200,000
J68823-001	Furnish, Deliver, and Install 480V Power Feeds to Aeration Batteries A, B, and C, CWRP		250,000
J68823-003	Lighting Improvements, CSA		500,000
		<b>Total</b>	<b>\$ 5,950,000</b>
	<b>Calumet Service Area Grand Total</b>		<b>\$ 34,098,600</b>
	<b>Capital Projects Grand Total - All Service Areas</b>		<b>\$ 240,255,500</b>



## Low Voltage Pump and Blower Switchgear and Aerated Grit Motor Control Center Replacement, SWRP

**Project Number** 19-156-2E

**Service Area** Stickney

**Location** Stickney WRP

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$6,750,000

**Contract Award Date** September 2025

**Substantial Completion Date** January 2027

**Project Description** This project will replace low voltage switchgear and motor control centers.

**Project Justification** The electrical equipment is over 30 years old and is in poor condition. To avoid failure and ensure the appropriate level of service, the equipment must be replaced.

**Project Status** Planning



### Biogas Combined Heat and Power System, EWRP

<b>Project Number</b>	20-415-2S
<b>Service Area</b>	North
<b>Location</b>	Egan WRP
<b>Engineering Consultant</b>	Baxter & Woodman/Boller Construction, LLC
<b>Engineering Contractor</b>	Baxter & Woodman/Boller Construction, LLC
<b>Estimated Construction Cost</b>	\$10,595,800
<b>Contract Award Date</b>	January 2024
<b>Substantial Completion Date</b>	May 2026
<b>Project Description</b>	This project entails the installation of a biogas combined heat and power (CHP) system.
<b>Project Justification</b>	This project will utilize biogas from the CHP system, which is typically flared, to produce electricity and recover the heat from the engine for beneficial reuse (hot water heat recovery). The biogas, a byproduct of wastewater treatment, will be beneficially reused. It is anticipated that running one CHP unit will save approximately \$44,000 annually and running two CHP units will save approximately \$100,000 annually.
<b>Project Status</b>	Construction



### Replacement of Telemetry, Various Locations

<b>Project Number</b>	20-861-2E
<b>Service Area</b>	Calumet, North, and Stickney
<b>Location</b>	District-wide
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	Connelly Electric Co.
<b>Estimated Construction Cost</b>	\$3,153,600
<b>Contract Award Date</b>	September 2024
<b>Substantial Completion Date</b>	August 2025



**Project Description** This project is to furnish, deliver, and install replacement communications equipment and services for the existing copper phone lines that provide visibility and control of various District remote sites from their respective supervisory plants. The equipment selected will provide secure, bidirectional, periodic commands and readings over cellular radio link to the telecommunications provider's network, as well as the ability to retrieve diagnostic data of the networking equipment itself. The contractor will provide turnkey installation from the Supervisory Control and Data Acquisition interface to the complete field installation.

**Project Justification** The existing point-to-point copper telemetry lines have been labeled as obsolete by AT&T, which is the District's current service provider. Through this project, these obsolete telemetry lines will be replaced with AT&T fiber connection as the primary interface and cellular as the secondary fail-over service that will communicate between the field and their supervisory plants. It is expected that the new communication system and its associated operating costs will realize actual savings of more than 30 percent.

**Project Status** Construction

### Railroad Track Improvements, SSA

**Project Number** 20-907-21

**Service Area** Stickney

**Location** Stickney Service Area

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$750,000

**Contract Award Date** November 2025

**Substantial Completion Date** November 2026



**Project Description** This project entails removing and replacing two railroad grade crossings, providing for track drainage improvements, and rehabilitating eight retaining walls. The grade crossings are located outside and to the west of the Stickney WRP.

**Project Justification** Improvements are necessary to ensure the integrity of the track gauge and prevent derailments. The existing grade crossing under Interstate 55 has noticeably degraded. At other locations outside the Stickney WRP, heavy traffic loads have degraded the crossing and it must be replaced to restore its integrity. There are numerous locations along the track system where poor track drainage causes the track ballast to become fouled with dirt and sediments. Rainwater carries ballast away from the track bed, and existing underdrain piping has been damaged or is no longer at an elevation sufficient to provide effective drainage. At certain locations, the surrounding terrain drains onto the track bed instead of away from it. These conditions keep the wood crossties saturated for extended periods of time and deposit significant amounts of dirt onto the ballast, which in turn impairs the ability of the ballast to retain the rail in place and results in increased maintenance. During more extreme wet weather events at the most susceptible locations, track flooding can reach the top of the rail, forcing the shutdown of the railroad until the floodwaters subside. Retaining walls in the area are in various stages of dilapidation, and some have completely failed, allowing the previously retained material to gradually migrate onto the track bed and interfere with the wheel flanges of the locomotives and dump cars.

**Project Status** Planning

## Fox River Water Reclamation District (FRWRD) Operations and Maintenance Building Replacement

**Project Number** 21-IGA-21

**Service Area** North

**Location** Albin D. Pagorski WRP

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$416,300

**Contract Award Date** June 2025

**Substantial Completion Date** July 2026

**Project Description** This project will replace the operations and maintenance facility with new construction. All the current facilities will be replaced and updated, and new processes incorporated as needed.

**Project Justification** This project will replace the operations and maintenance facility, which is past its useful life. A modern facility is needed to support updated and new processes at the facility.

**Project Status** Negotiation / Evaluation



## HVAC Improvements to UV Building and Switchgear Building, OWRP

**Project Number** 22-093-2M

**Service Area** North

**Location** O'Brien WRP

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$3,000,000

**Contract Award Date** May 2025

**Substantial Completion Date** October 2026

**Project Description** The project entails installing new heating, ventilation, and air conditioning rooftop units in the ultraviolet building and new air handling rooftop units in the switchgear building. The existing equipment is unreliable and ineffective.

**Project Justification** The existing heat exchangers are not functioning as intended and the dehumidifiers are not necessary.

**Project Status** Design



## Construction Trailer and Modifications of Supports for Raw Sewage Pump Discharge Pipes, KWRP

<b>Project Number</b>	22-377-2D
<b>Service Area</b>	North
<b>Location</b>	Kirie WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$5,215,000
<b>Contract Award Date</b>	February 2025
<b>Substantial Completion Date</b>	February 2027
<b>Project Description</b>	This project will provide a new modular building for use by construction staff and also modify the pipe supports for the raw sewage pump discharge risers.
<b>Project Justification</b>	The modification of pipe supports is required to strengthen structural supports and accommodate thermal movements. Modifying the supports will restore capacity, extend their service life, and prevent damage to the pipes. A modular building is required for use by Construction Division staff.
<b>Project Status</b>	Design



## Remove and Replace One 23XL Chiller, Main Office Building

<b>Project Number</b>	22-404-21
<b>Service Area</b>	Stickney
<b>Location</b>	Main Office Building
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$700,000
<b>Contract Award Date</b>	October 2025
<b>Substantial Completion Date</b>	March 2026



**Project Description** The project entails removing and replacing one 23XL Carrier chiller unit at the Main Office Building. The new unit must be energy efficient, use less harmful refrigerant, and be tied into the building automation system.

**Project Justification** The chiller was installed in 1997. The American Society of Heating, Refrigerating, and Air-Conditioning Engineers' standard for useful life of centrifugal chillers is 23 years. This chiller has now been operational for 24 years. Failure of either existing chiller could have adverse effects on the working conditions of all employees in the Main Office Building due to the inability to regulate the temperature during the summer months. The current unit is also expensive to recharge and uses R-22 refrigerant, an ozone-depleting chemical. Water and electrical energy usage levels are expected to decrease significantly due to the new model's higher efficiency and the automated controls.

**Project Status** Planning



## Underground Storage Tank Improvements, Various Locations

**Project Number** 22-602-21

**Service Area** North and Stickney

**Location** North and Stickney Service Areas

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$900,000

**Contract Award Date** June 2025

**Substantial Completion Date** December 2027

**Project Description** This project entails improving the District's underground storage tanks, which are used for fleet fueling operations, by installing containment sumps on the submersible turbine pumps and fuel dispensers.

**Project Justification** By 2028, regulations issued by the Illinois Office of the State Fire Marshal will require that all submersible turbine pumps and fuel dispensers have containment sumps installed.

**Project Status** Planning



## Centrifuge Improvements at Post-Digestion Centrifuge Facility, SWRP

<b>Project Number</b>	22-903-21
<b>Service Area</b>	Stickney
<b>Location</b>	Stickney WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$5,400,000
<b>Contract Award Date</b>	December 2024
<b>Substantial Completion Date</b>	December 2026



**Project Description** The Post-Digestion Centrifuge Facility at the Stickney WRP is currently operated by obsolete equipment. This project entails upgrading and replacing the old equipment. A fiber optic network/backbone will also be installed to enable the new equipment to communicate seamlessly with the existing network.

**Project Justification** The current controllers and input/output modules are part of a line of hardware that was discontinued in 2017. Procuring hardware, software, and technical support has become increasingly difficult and costly due to the equipment's obsolescence. The project upgrading to a new system will make the facility's network more reliable and sustainable.

**Project Status** Planning

## Upper Des Plaines Dropshafts 1/1A and 5 Rehabilitation and Calumet Dropshaft 34 Modification, NSA and CSA

<b>Project Number</b>	23-378-3S
<b>Service Area</b>	North and Calumet
<b>Location</b>	Chicago, Des Plaines and Mount Prospect, IL
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$6,500,000
<b>Contract Award Date</b>	January 2025
<b>Substantial Completion Date</b>	April 2026




<b>Project Description</b>	This project will include rehabilitation work at the Upper Des Plaines Dropshaft 5 by means of slip lining or form and pour, repairing 100 feet of 108-inch pipe by either cured-in-place pipe lining or geopolymer lining, repairing 100 feet of the dropshaft exit conduit with geopolymer, replacing deteriorated louvers and grating, abandonment of an existing odor control structure, installing a suppression weir in the Upper Des Plaines Tunnel near Dropshaft 1/1A, installation of new timber backflow gates in Calumet Dropshaft 34, and other necessary work.
<b>Project Justification</b>	This project will reduce events of geysering and restore the structural integrity of existing structures.
<b>Project Status</b>	Design

### Kirie - Egan Solids Pipeline Rehabilitation Section No. 1, NSA

<b>Project Number</b>	23-416-2S
<b>Service Area</b>	North
<b>Location</b>	Egan WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$4,800,000
<b>Contract Award Date</b>	February 2025
<b>Substantial Completion Date</b>	June 2026
<b>Project Description</b>	This project will consist of the rehabilitation of 2,705 feet of 18-inch sewer by flexible fabric reinforced pipe lining process between stations 0+00 and 27+05. Four manholes will be rehabilitated with spray-on epoxy products and by carbon fiber reinforced polymer lining system.
<b>Project Justification</b>	There have been a total of four breaks along the existing 18-inch solids pipeline between stations 0+00 and 27+05 as reported by the Maintenance & Operations Department. The subject contract will rehabilitate the existing pipeline between these stations to address the aforementioned critical areas.
<b>Project Status</b>	Design



## Replace Gas Monitoring Systems, Various Locations

<b>Project Number</b>	23-635-21	
<b>Service Area</b>	North and Stickney	
<b>Location</b>	North Service Area and Stickney WRP	
<b>Engineering Consultant</b>	In-house design	
<b>Engineering Contractor</b>	To be determined	
<b>Estimated Construction Cost</b>	\$2,000,000	
<b>Contract Award Date</b>	March 2025	
<b>Substantial Completion Date</b>	December 2026	
<b>Project Description</b>	This project will replace gas monitoring systems at the Egan, Hanover Park, O'Brien, and Stickney WRPs and the North Branch Pumping Station.	
<b>Project Justification</b>	The current gas monitoring systems are aging and becoming unreliable due to the obsolescence and unavailability of repair parts. The new systems will provide reliable service and provide more efficient communication technology, which will result in a safer work environment.	
<b>Project Status</b>	Planning	

## Rehabilitate Digester Covers, Various Locations

<b>Project Number</b>	23-684-22D
<b>Service Area</b>	Calumet and North
<b>Location</b>	Calumet and Hanover Park WRPs
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	Era Valdivia Contractors, Inc.
<b>Estimated Construction Cost</b>	\$751,000
<b>Contract Award Date</b>	February 2024
<b>Substantial Completion Date</b>	December 2025



**Project Description** The rehabilitation of six digester covers each at the Calumet and Hanover Park WRPs will be achieved through surface restoration and the application of a protective coating to reverse the deterioration that occurs in the harsh environment of a wastewater treatment plant. The project will result in the extension of the equipment life cycle.

**Project Justification** The current condition of the digester covers includes surface deterioration, rust, and foaming sludge buildup. These factors compound the rate of corrosion over time and must be mitigated to prolong the life of the digesters.

**Project Status** Construction

## TARP Mechanical Equipment Improvements, CWRP

**Project Number** 23-801-21

**Service Area** Calumet

**Location** Calumet WRP

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$14,500,000

**Contract Award Date** June 2025

**Substantial Completion Date** December 2027



**Project Description** The project entails rehabilitating the suction and discharge valves in the main sewage pumps at the Calumet Tunnel and Reservoir Plan (TARP), integrating the medium voltage drive auxiliary chillers into the house-chilled water system, balancing and aligning rotating assemblies, and upgrading obsolete prime-mover vibration and temperature monitoring systems. Improvements will also be made to the West TARP seal water and compressed air feed systems.

**Project Justification** The suction and discharge valves are original to the pump station (circa 1985). The valves leak and do not hold a seal which requires the entire pump house to be dewatered and taken out of service to isolate the pumps for routine service. The medium voltage drive auxiliary chillers have proven to be a reliability risk, thus reducing the availability of the pumps.

**Project Status** Planning

### Fox River Water Reclamation District (FRWRD) Albin D. Pagorski WRP Bar Screens

**Project Number** 23-IGA-35

**Service Area** North

**Location** Albin D. Pagorski WRP

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$624,500

**Contract Award Date** February 2025

**Substantial Completion Date** October 2026

**Project Description** This project is for the replacement of outdated bar screens at the Fox River Water Reclamation District’s Albin D. Pagorski WRP. The new screens will be selected for their improved ability to capture debris. The preliminary design will determine the hydraulic profile.

**Project Justification** The bar screens are past their useful life. New screens are required to capture more debris to protect the process facilities.

**Project Status** Negotiation / Evaluation





## Fox River Water Reclamation District (FRWRD) Plantwide Electrical Improvements

**Project Number** 23-IGA-36

**Service Area** North

**Location** Albin D. Pagorski, WRP

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$9,049,300

**Contract Award Date** January 2025

**Substantial Completion Date** October 2027

**Project Description** This project is for the replacement and updating of electrical systems at the Fox River Water Reclamation District's Albin D. Pagorski WRP.

**Project Justification** The electrical systems needs to be replaced to support new facilities and ensure safety.

**Project Status** Negotiation / Evaluation



### Biosolids Management Strategy, SWRP

<b>Project Number</b>	23-RFP-19
<b>Service Area</b>	Stickney
<b>Location</b>	Stickney WRP
<b>Engineering Consultant</b>	Black & Veatch Corporation
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$1,500,000
<b>Contract Award Date</b>	July 2024
<b>Substantial Completion Date</b>	December 2026
<b>Project Description</b>	This project will provide an evaluation of biosolids processing options, perform preliminary engineering for a biosolids processing facility, and prepare a contract for constructing the facility.
<b>Project Justification</b>	A new biosolids management facility to process the biosolids from the Stickney WRP is needed to replace the existing pelletizing facility when it reaches the end of its useful life.
<b>Project Status</b>	Awarded



### Bathroom Renovation, SWRP

<b>Project Number</b>	24-110-21
<b>Service Area</b>	Stickney
<b>Location</b>	Stickney WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$380,000
<b>Contract Award Date</b>	December 2024
<b>Substantial Completion Date</b>	November 2025
<b>Project Description</b>	This project entails demolishing and completely renovating two (2) bathrooms/locker rooms at the SWRP Laboratory building to conform with current Americans with Disabilities Act (ADA) standards.
<b>Project Justification</b>	The men's and women's bathroom and locker room areas are original to the building (circa 1960) and not ADA compliant. Many of the fixtures are beyond repair and refurbishment. The upgrades will improve the functionality of the locker rooms and conform to ADA accessibility standards.
<b>Project Status</b>	Planning



## Mechanical Process Improvements, Various Locations

**Project Number** 24-601-21

**Service Area** North and Stickney

**Location** North and Stickney Service Areas

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$18,000,000

**Contract Award Date** November 2024

**Substantial Completion Date** December 2026



**Project Description** This project entails improving and replacing various mechanical systems and assets in the North and Stickney Service Areas. At the O'Brien and Hanover Park WRPs, launder covers will be installed to prevent undesirable algae growth. Additional improvements to the mechanical systems at the O'Brien WRP include the installation of 18 slide gates with actuators for final settling tanks 15-18 located in Batteries A, B, and C, the installation of a second sodium hypochlorite tank in the grit building, the installation of fabricated drives with precision bearings on primary tanks 9-16, the installation of underground piping, which runs from the final tanks to the scum concentration building, the installation of a rotating slotted pipe system made of non-corrosive materials to remove scum from the primary tank, and the rehabilitation of eight primary tank influent gate actuators and three splitter gate actuators. Additional improvements at the Hanover Park WRP include the rehabilitation of the actuators and valves on the aeration tanks. Other improvements to the mechanical systems in the North Service Area include the installation of upgraded drive shafts made of carbon fiber and reinforced polymer on raw sewage pumps 2 and 4 at the Kirie WRP, the installation of new dewatering pumps at the O'Hare Reservoir, the installation of an insulated heating blanket on the bisulfite tank at the Egan WRP, and the replacement of the seal water break tank and piping at the North Branch Pumping Station. At the Stickney WRP, two final tank drives will be replaced, and six final tank drives will have torque limiters installed to reduce damage in case of rake arm jamming. In all cases, the new equipment is superior to the existing equipment and will improve process performance and reduce equipment failures, downtime, and maintenance costs.

**Project Justification** The project will result in mechanical systems and assets that perform better due to process modifications and improvements and require less maintenance due to their new or like-new condition.

**Project Status** Planning

### Roof Rehabilitation, Various Locations

<b>Project Number</b>	24-612-22
<b>Service Area</b>	Calumet, North, and Stickney
<b>Location</b>	Calumet, North, and Stickney Service Areas
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$2,400,000
<b>Contract Award Date</b>	December 2024
<b>Substantial Completion Date</b>	November 2025



**Project Description** This project entails the rehabilitation of existing roofs at various locations, which are showing signs of significant wear. The scope of work covers localized roof deck restoration including slope remediation, full roofing membrane and insulation replacement, full masonry, and flashing repairs at roof parapets to eliminate water infiltration.

**Project Justification** Rehabilitation of roofs extends the overall life of the roofs and prevents damage or further degradation to building structures. The need for rehabilitation is based on age, life expectancy, and reliability. The project will minimize future maintenance costs and protect the District's assets. Failure of existing roofs could have adverse effects on vulnerable and sensitive equipment housed in various buildings, which would be extremely costly to replace or repair and could adversely affect District operations. Many roofs have exceeded their expected useful life of 20 years and are no longer under warranty. Rehabilitation of District roofs also ensures a safe working environment for District employees.

**Project Status** Planning

## HVAC System Replacement, Various Locations

<b>Project Number</b>	24-638-21
<b>Service Area</b>	Calumet and Stickney
<b>Location</b>	Calumet Stickney Service Areas
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$19,144,000
<b>Contract Award Date</b>	November 2024
<b>Substantial Completion Date</b>	December 2027



**Project Description** This project entails replacing and improving heating, ventilating, and air conditioning systems at various locations. At the Calumet WRP, a cross-connection between cooling towers will be installed for the Tunnel and Reservoir Plan, the old chiller and cooling towers will be removed at the Pump and Blower Building, and gas and water lines will be installed in the Heavy Equipment Building. At the 95th Street Pumping Station, ventilation improvements will be made in the Screenings Room. At the Stickney WRP, the heating, ventilation, and air conditioning (HVAC) system and two chillers will be replaced, the building management system controls will be upgraded in the Engineering Building, two heat exchangers will be replaced in the Monitoring and Research Building.

**Project Justification** The need for replacement is based on age, life expectancy, and reliability. The equipment being replaced has experienced chronic failures due to equipment corrosion and leaking coils and piping. The project will minimize future maintenance costs and ensure increased reliability to protect District assets, improve air quality, and provide a safe working environment

**Project Status** Planning

## Remove and Replace Pavement, Various Locations

<b>Project Number</b>	24-651-21
<b>Service Area</b>	Calumet, North, and Stickney
<b>Location</b>	Calumet, North, and Stickney Service Areas
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	K-Five Construction Corporation and McGill Construction Company
<b>Estimated Construction Cost</b>	\$1,076,000
<b>Contract Award Date</b>	September 2024
<b>Substantial Completion Date</b>	November 2025



**Project Description** This project entails the removal and replacement of deteriorating pavement. The scope of work includes clearing and excavating existing pavement, saw cutting, installing Illinois Department of Transportation type B patch, replacing curbs and gutters, cleaning and sealing cracks, incorporating proper sloping and grading, and resurfacing asphalt pavement in the North, Stickney, and Calumet Service Areas.

**Project Justification** Roadway and parking lot pavements in the Calumet, North, and Stickney Service Areas show signs of significant deterioration, which create potential driving and pedestrian hazards. Cracks as wide as six inches and potholes are noted at various facilities at numerous locations. Asphalt cold patch has been applied every year in the past but will not last. The poor condition of the pavement has a negative impact on District vehicles as well as employees' and visitors' vehicles. This project will extend the useful life of the roadways and parking lots and provide safe driving conditions in the WRPs.

**Project Status** Construction

### Truck Scale Replacements, Various Locations

**Project Number** 24-695-22

**Service Area** Calumet and Stickney

**Location** Calumet and Stickney Service Areas

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$1,579,000

**Contract Award Date** December 2024

**Substantial Completion Date** December 2025

**Project Description** This project is for the installation of new truck scales and all appurtenances at the Stickney WRP, Calumet East, Calumet West, Marathon, and Vulcan biosolids management sites.

**Project Justification** The existing truck scales are more than 25 years old and in need of replacement.

**Project Status** Planning





## Aeration Blower Improvements, SWRP

<b>Project Number</b>	24-901-21
<b>Service Area</b>	Stickney
<b>Location</b>	Stickney WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$5,100,000
<b>Contract Award Date</b>	March 2025
<b>Substantial Completion Date</b>	December 2028
<b>Project Description</b>	The Aeration Blower Facility at the Stickney WRP is currently operated by obsolete equipment. This project entails upgrading and replacing the old equipment.
<b>Project Justification</b>	The current controllers and input/output modules are part of a line of hardware that was discontinued in 2017. Procuring hardware, software, and technical support has become increasingly difficult and costly due to the equipment's obsolescence. Upgrading to a new system will make the facility's equipment more reliable and sustainable. In addition to the upgraded temperature and vibration monitor system field devices, the aeration blowers will be outfitted with enhanced fast acting blower blow-off valves and actuators.
<b>Project Status</b>	Planning



## Centrifuge Rehabilitation, SWRP

<b>Project Number</b>	24-902-21
<b>Service Area</b>	Stickney
<b>Location</b>	Stickney WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	Alfa Laval, Inc.
<b>Estimated Construction Cost</b>	\$3,900,000
<b>Contract Award Date</b>	June 2025
<b>Substantial Completion Date</b>	December 2027
<b>Project Description</b>	This project entails inspecting, rehabilitating, and overhauling 16 thickening (pre-digestion) and 21 dewatering (post-digestion) centrifuges at the Stickney WRP. All work will be performed by the sole source vendor.
<b>Project Justification</b>	The current configuration of the Stickney WRP includes 16 pre-digestion centrifuges and 21 post-digestion centrifuges. The project will provide for the full rehabilitation of both styles of centrifuges to ensure that there is adequate machine capacity available to dewater biosolids for processing and eventual beneficial reuse at the Pelletizer Facility and at other outlets, such as farms, golf courses, and public works projects.
<b>Project Status</b>	Planning



### Rehabilitate Aeration Blowers, SWRP

**Project Number** 24-908-21

**Service Area** Stickney

**Location** Stickney WRP

**Engineering Consultant** In-house design

**Engineering Contractor** Siemens Energy, Inc.

**Estimated Construction Cost** \$3,600,000

**Contract Award Date** March 2025

**Substantial Completion Date** December 2026



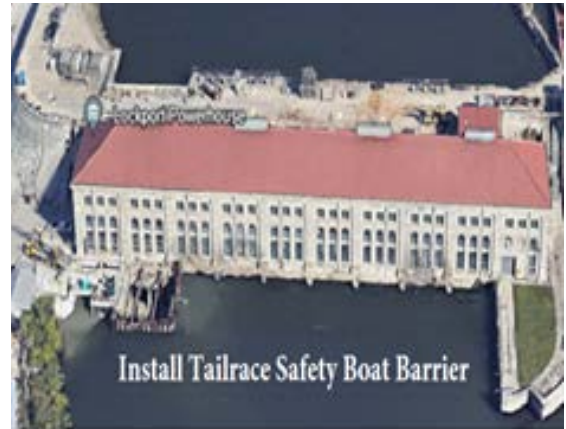
**Project Description** This project entails inspecting, rehabilitating, and overhauling four blowers at the Stickney WRP.

**Project Justification** Four axial flow blowers (Nos. 4 through 7) at the Stickney WRP are used to provide air to the aeration tanks and airlifts. Blower No. 7's guide vane stator has sustained damage, preventing it from moving. The stator is critical as it is used to adjust the air flow based on the WRP's need. The stator on blower No. 4 also needs to be replaced. The blowers are due for an overhaul (every eight years is recommended). The project will include the inspection, rehabilitation, balancing, and replacement of worn parts for blowers Nos. 4 and 6.

**Project Status** Planning

### Lockport Powerhouse Buoy Barrier, LPH

<b>Project Number</b>	25-605-21
<b>Service Area</b>	Stickney
<b>Location</b>	Lockport Powerhouse
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$235,000
<b>Contract Award Date</b>	April 2025
<b>Substantial Completion Date</b>	December 2025



<b>Project Description</b>	This project entails installing a public safety boat barrier at the tailrace of the Lockport Powerhouse to prevent and protect boaters from traveling or drifting dangerously close to the powerhouse during generator and pit gate operations.
<b>Project Justification</b>	Recreational boaters and fishermen are often dangerously close to the tailrace of the powerhouse despite warning signs. The installation of a barrier will keep them at a safe distance.
<b>Project Status</b>	Planning

## Roof Rehabilitation, Various Locations

<b>Project Number</b>	25-612-21
<b>Service Area</b>	Calumet, North, and Stickney
<b>Location</b>	Calumet, North, and Stickney Service Areas
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$4,000.000
<b>Contract Award Date</b>	April 2025
<b>Substantial Completion Date</b>	December 2026



**Project Description** This project entails the replacement and rehabilitation of existing roofs at various locations, which are showing signs of wear, to extend their service life. The scope of work includes the complete removal of the existing roofing systems, including base, flashings, felts, toppings, insulation, gravel, roof accessories, expansion joints, etc. Reinstallation may include a new vapor barrier, new insulation to enable positive drainage and all associated perimeter and penetration metal details and counter flashings. Rehabilitation work can include localized roof deck restoration including slope remediation, full roofing membrane and insulation replacement, masonry, and flashing repairs at roof parapet to eliminate water infiltration.

**Project Justification** Replacement and rehabilitation of roofs extends the overall life of the roofs and prevents damage or further degradation to building structures. The need for rehabilitation is based on age, life expectancy and reliability. The project will minimize future maintenance costs and protect the District's assets. Failure of existing roofs could have adverse effects on vulnerable and sensitive equipment housed in various buildings, which would be extremely costly to replace or repair and could adversely affect District operations. Many roofs have exceeded their expected useful life of 20 years and are no longer under warranty. Rehabilitating District roofs also ensures a safe working environment for District Employees.

This project is part of a large-scale undertaking to rehabilitate roofing systems across the three service areas. The first stage of work will be completed under 24-612-22, Roof Rehabilitation, Various Locations.

**Project Status** Planning

## HVAC and Sludge Pump Improvements, Various Locations

<b>Project Number</b>	25-624-21
<b>Service Area</b>	Calumet and North
<b>Location</b>	Calumet, Kirie, Egan, and O'Brien WRPs
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$15,500,000
<b>Contract Award Date</b>	September 2025
<b>Substantial Completion Date</b>	December 2028



**Project Description** This project entails replacing and improving heating, ventilating, and air conditioning systems at various locations. At the Egan WRP, upgrades will be made to the chilled water system by replacing chillers, cooling towers, and chilled water pumps. HVAC upgrades at the O'Brien WRP include replacing the air handling unit and upgrading controls at the Pump and Blower House. At the Kirie WRP, two chillers will be replaced, and the HVAC building management system will be upgraded by converting the controls from pneumatic to electric. The project also incorporates sludge pump improvements. At the Egan WRP, the digester transfer pumps will also be upgraded to pump waste sludge directly to the O'Brien WRP. At the Calumet WRP, five recessed impeller scum pumps will be replaced with chopper pumps, and four screw type impeller primary sludge pumps will be replaced with non-clog pumps.

**Project Justification** The need for replacement is based on age, life expectancy, and reliability. The equipment being replaced has experienced chronic failures due to equipment corrosion and leaking coils and piping. The project will minimize future maintenance costs and ensure increased reliability to protect District assets, improve air quality, and provide a safe working environment.

**Project Status** Planning

## Building Management System Improvements, CWRP and EWRP

**Project Number** 25-629-21

**Service Area** Calumet and North

**Location** Calumet and Egan WRPs

**Engineering Consultant** In-house design

**Engineering Contractor** Johnson Controls, Inc.

**Estimated Construction Cost** \$6,000,000

**Contract Award Date** June 2025

**Substantial Completion Date** December 2026



**Project Description** The sole source vendor shall provide all necessary services, including labor, supervision, transportation, tools, parts, materials, instruments, insurance, management, expertise, and equipment to replace building management systems at the Calumet WRP’s high-level pump station and aerated grit facility and the Egan WRP. The building management system manages and monitors the electrical and mechanical equipment, which control the heating, ventilation, and air conditioning systems.

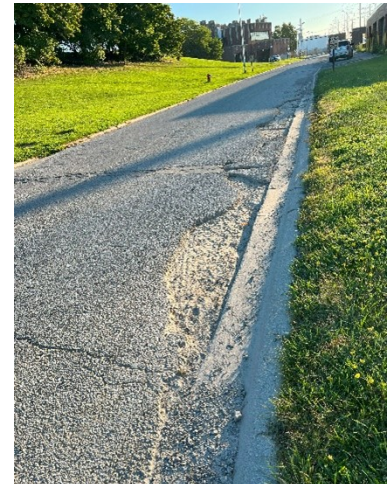
**Project Justification** The precise control of the ventilation system is critical to the safety of the individuals who work with the welding, cutting, and torching equipment and operate the heavy equipment, trucks, and machines in those areas. The existing systems are obsolete and prone to malfunction, and parts are no longer available from the manufacturer. The expected useful life of the replacement panels is 25 years.

**Project Status** Planning



## Remove and Replace Pavement, Various Locations

<b>Project Number</b>	25-651-21
<b>Service Area</b>	Calumet, North, and Stickney
<b>Location</b>	Calumet, North, and Stickney Service Areas
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$4,000.000
<b>Contract Award Date</b>	April 2025
<b>Substantial Completion Date</b>	December 2026



**Project Description** This project entails the removal and replacement of deteriorating pavement. Scope of work includes clearing and excavation of existing concrete pavement, saw cutting, doweling, sealing, stripping, curb and gutter removal and replacement, cleaning and sealing of cracks, proper sloping and grading and asphalt pavement resurfacing in the North, Stickney, and Calumet Service Areas.

**Project Justification** Roadway and parking lot pavements show signs of deterioration, developing many potholes, thus creating driving and pedestrian hazards at the North, Stickney, and Calumet Service Areas. Cracks are as wide as six inches and potholes are noted at numerous locations in various facilities. Asphalt cold patch has been applied every year in the past but is not a permanent solution. The poor condition of pavement has a negative impact on District vehicles as well as employees' and visitors' vehicles. This project will extend the useful life of the roadways and parking lots, provide safe driving conditions in the plants, and protect vehicles.

This project is part of a large-scale undertaking to rehabilitate pavement across the three service areas. The first stage of work will be completed under 24-651-21, Remove and Replace Pavement, Various Locations.

**Project Status** Planning



### Permeable Paver Restoration, EWRP

**Project Number** 25-721-21

**Service Area** North

**Location** Egan WRP

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$150,000

**Contract Award Date** May 2025

**Substantial Completion Date** June 2025

**Project Description** Restore the permeable pavement parking lot at the Egan WRP, which includes replacing stone joint material, cracked or damaged pavers, and leveling as needed.

**Project Justification** The permeable pavement parking lot at the Egan WRP naturally diverts stormwater and includes an underdrain system to help alleviate flooding while safeguarding our rivers and natural water resources from pollutants during large rain events. Rehabilitation, including the releveling and replacement, as needed, of the pavers that top this system is required to ensure the drainage system continues to work effectively.

**Project Status** Planning



### Fence Installation Phase 2, HPWRP

<b>Project Number</b>	25-724-21
<b>Service Area</b>	North
<b>Location</b>	Hanover Park WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$300,000
<b>Contract Award Date</b>	May 2025
<b>Substantial Completion Date</b>	June 2025
<b>Project Description</b>	This project includes removing the barbed-wire, chain-link fence, which is adjacent to an elementary school, and replacing it with an eight-foot vinyl fence from the eastern edge of the school property to the farm access road.
<b>Project Justification</b>	The original barbed-wire and chain-link fencing is functional but visually unappealing. The area of the Hanover Park WRP that contains the digesters borders an elementary school property, along which runs a narrow 2000-foot-long walkway. An upgrade to vinyl fencing will provide better screening and improve the overall aesthetics of the area.
<b>Project Status</b>	Planning



## Rehabilitation of Algae Removal System, KWRP

<b>Project Number</b>	25-725-21
<b>Service Area</b>	North
<b>Location</b>	Kirie WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	Ford Hall Company, Inc.
<b>Estimated Construction Cost</b>	\$270,000
<b>Contract Award Date</b>	May 2025
<b>Substantial Completion Date</b>	November 2025
<b>Project Description</b>	Rehabilitation and replacement of brushes and mechanical components for the Weir Wolf (trademark), Algae Sweep Automation (trademark) equipment systems. The work will be performed by the sole source vendor.
<b>Project Justification</b>	The Algae Sweep Automation system prevents algae growth, reducing suspended solids during the treatment process. Worn and malfunctioning parts fail to prevent excess algae growth. This growth adds solid volume to the treatment process which inhibits the effectiveness of the treatment and can negatively affect turbidity levels required by permit.
<b>Project Status</b>	Planning



### Roof Rehabilitation, EWRP

**Project Number** 25-727-21

**Service Area** North

**Location** Egan WRP

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$2,300,000

**Contract Award Date** June 2025

**Substantial Completion Date** September 2025



**Project Description** This project entails replacing the roofing systems of the maintenance, thickener, and pre-treatment buildings at the Egan WRP. The project scope includes the complete tear off and replacement of approximately 78,000 square feet of existing foam roofing systems and the replacement of obsolete roof top equipment and all necessary flashing.

**Project Justification** The roofs have reached the end of their useful lives and must be replaced. Failure to replace the roofing systems could result in interior and structural damage to the buildings.

**Project Status** Planning

## Installation of Shaftless Screw Conveyors in the Aerated Grit Tanks, CWRP

**Project Number** 25-821-21

**Service Area** Calumet

**Location** Calumet WRP

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$8,200,000

**Contract Award Date** September 2025

**Substantial Completion Date** October 2027



**Project Description** This project entails the demolition of eight traveling bridges and the installation of seven shaftless screw conveyors and eight tank covers/ E-fans.

**Project Justification** The Calumet WRP Grit Building has eight traveling bridge grit tanks which were installed nine years ago. There have been seven bridge misalignment issues in four years. The festoon rollers have been replaced at a cost of approximately \$4,500 per tank. There have also been numerous problems with proximity and limit switches. The District has investigated putting the bridges on rails to eliminate misalignments. The cost of parts alone is \$177,880. A grit conveyor was installed on Grit Tank #2 for \$405,000. Screw conveyors are less complex than the traveling bridges because they have fewer moving parts. Electrical components on the traveling bridges are prone to failure due to hydrogen sulfide. The screw conveyors will be controlled through a distributed control system, so very few electrical components will be exposed to hydrogen sulfide. The grit tanks will be covered and connected to the existing exhaust fans to reduce hydrogen sulfide in the building.

**Project Status** Planning

### Specialized Railroad Car Rehabilitation, SSA

<b>Project Number</b>	25-922-21
<b>Service Area</b>	Stickney
<b>Location</b>	Stickney WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$1,800,000
<b>Contract Award Date</b>	March 2025
<b>Substantial Completion Date</b>	December 2026
<b>Project Description</b>	The purpose of this project is to rehabilitate rail mounted dump cars use to transport biosolids cake from the Stickney WRP’s Post Digestion facility to the Harlem Avenue, Lawndale Avenue, and Vulcan biosolids drying sites. Dump cars will be transported out to the service provider's shop and returned via the Canadian National Railroad network system.
<b>Project Justification</b>	A comprehensive rehabilitation of the rail-mounted biosolids dump cars is required to ensure the continuity and reliability of the critical biosolids operation in the Stickney Service Area.
<b>Project Status</b>	Planning



## Trash Rake Improvements, MSPS

**Project Number** 25-923-21

**Service Area** Stickney

**Location** Mainstream Pumping Station

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$2,200,000

**Contract Award Date** October 2025

**Substantial Completion Date** December 2026

**Project Description** The trash rake facility at the Mainstream Pumping Station is currently operated by obsolete control equipment. This project entails upgrading and replacing the programmable logic controller, input/output, and human machine interface graphic communication hardware and software for the east and west trash rakes and clamshell which service the north and south pump houses. The trash rakes help clean the screens and trash rakes to ensure water continues to flow unimpeded into the plant.

**Project Justification** The current controllers and input/output modules are part of a line of hardware that was discontinued in 2017. Procuring hardware, software, and technical support has become increasingly difficult and costly due to the equipment's obsolescence. Upgrading to a new system will make the facility's network more reliable and sustainable.

**Project Status** Planning



### Rehabilitate One Electric Motor, SWRP

<b>Project Number</b>	25-926-21
<b>Service Area</b>	Stickney
<b>Location</b>	Pump and Blower Facility, Stickney WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$600,000
<b>Contract Award Date</b>	October 2025
<b>Substantial Completion Date</b>	June 2027
<b>Project Description</b>	This project entails rewinding the motor stator and refurbishing the rotor on aeration blower motor No. 7 at the Stickney WRP.
<b>Project Justification</b>	Overhaul testing revealed that the stator windings are nearing the end of their useful life. To restore the blower to operation, the motor stator must be rewound, and new temperature monitoring devices installed. The rotor will be tested and refurbished.
<b>Project Status</b>	Planning





## Replace Ostara Process Controls, SWRP

<b>Project Number</b>	25-929-21
<b>Service Area</b>	Stickney
<b>Location</b>	Stickney WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$1,200,000
<b>Contract Award Date</b>	August 2025
<b>Substantial Completion Date</b>	December 2025



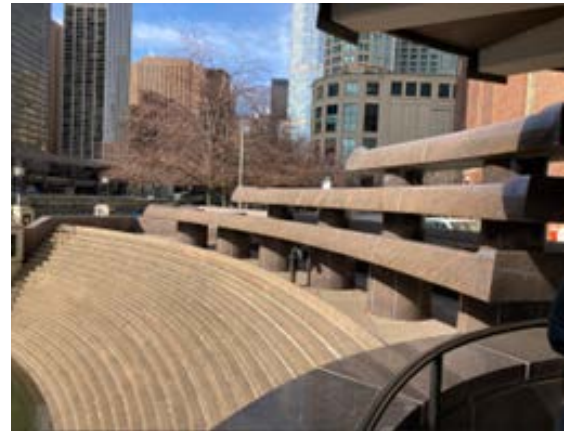
**Project Description** This project entails the removal and replacement of process control hardware and software for the Ostara Phosphorus Recovery System at Stickney WRP. The Ostara process recovers phosphorus from the centrifuge centrate and removes it from the process stream. The phosphorus recovery, in addition to the enhanced biological nutrient removal occurring at the Stickney WRP, lowers the District's effluent phosphorus concentration and returns the phosphorus back to the supply chain. Scope of work includes installation of new hardware, including power supplies and inputs/outputs, installation of redundant processors, new operator human machine interface (HMI) and restoration and testing of the operating system once the upgrades are complete.

**Project Justification** The hardware for the Ostara operating system that is presently installed is no longer supported by the manufacturer. Parts availability has significantly decreased in the last several years and the ability to perform repairs will become even more limited. The Phosphorus Recovery System is integral to the District's long term sustainable goals and ensuring its continued operation into the future is important. This project will safeguard the availability of the equipment and provide increased redundancy and reliability to operations.

**Project Status** Planning

### Centennial Fountain Stair Restoration, SSA

<b>Project Number</b>	J66631-26
<b>Service Area</b>	Stickney
<b>Location</b>	Nicholas J. Melas Centennial Fountain
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	Anchor Mechanical, Inc.
<b>Estimated Construction Cost</b>	\$210,000
<b>Contract Award Date</b>	October 2025
<b>Substantial Completion Date</b>	December 2025



**Project Description** This project entails removing failing and deteriorated caulking material from the cascading water stairs at Centennial Fountain.

**Project Justification** Leakage from the pools directly above the cascading water stairs has deteriorated and pushed out caulking material between the granite stairs. Replacing the caulking material will reseal the joints between the cascading stairs and improve the aesthetics of the fountain. Replacing the caulking material will also eliminate remnant amounts of asbestos containing material.

**Project Status** Planning

### Calumet Union Ditch Wing Wall and Bank Restoration, CSA

<b>Project Number</b>	J66634-03
<b>Service Area</b>	Calumet
<b>Location</b>	Hazel Crest, Illinois
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	McDonagh Demolition, Inc.
<b>Estimated Construction Cost</b>	\$150,000
<b>Contract Award Date</b>	April 2025
<b>Substantial Completion Date</b>	December 2025
<b>Project Description</b>	This project entails replacing and installing a new outfall concrete wing wall and restoring the eroded bank of the Calumet Union Ditch Pool No. 5.
<b>Project Justification</b>	Replacing the wing wall and restoring the bank will prevent erosion occurrences and the deterioration of Pool No. 5 in the overall reservoir system.
<b>Project Status</b>	Planning



### Modify Air Vent Elevation, DS-M13, SSA

<b>Project Number</b>	J66679-002
<b>Service Area</b>	Stickney
<b>Location</b>	Dropshaft M13
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	Anchor Mechanical, Inc.
<b>Estimated Construction Cost</b>	\$350,000
<b>Contract Award Date</b>	March 2025
<b>Substantial Completion Date</b>	December 2025
<b>Project Description</b>	This project will raise the elevation of Tunnel and Reservoir Plan (TARP) Dropshaft M13 air vent by eight feet. The work will include removing the existing steel grating and beams, extending the existing air vent shaft core with reinforced concrete, and installing new steel girders and new 72-inch diameter grating.
<b>Project Justification</b>	During severe rain events, the dropshaft air vent experiences stormwater geysering, causing the steel grating to lift and shift from the structure. The air vent is the first point of pressure relief. Extending the structure eight feet above the current ground elevation and above the dropshaft will safely contain the geysering effect. This solution was implemented within the Mainstream TARP system and has proven to be reliable.
<b>Project Status</b>	Planning



### SEPA No. 3 Paver Walkway Improvement, CSA

<b>Project Number</b>	J66679-05
<b>Service Area</b>	Calumet
<b>Location</b>	Blue Island, Illinois
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	McDonagh Demolition, Inc.
<b>Estimated Construction Cost</b>	\$200,000
<b>Contract Award Date</b>	April 2025
<b>Substantial Completion Date</b>	December 2025
<b>Project Description</b>	This project entails removing, salvaging, re-leveling, and re-installing pavers to create a walkway surface that is substantially compliant with recommendations articulated in the Americans with Disabilities Act.
<b>Project Justification</b>	Area residents with disabilities find it challenging to traverse the existing paver walkways around and through Sidestream Elevated Pool Aeration Station No. 3 due to the uneven surface caused by tree roots, failing base material, etc. The existing pavers will be removed and salvaged, deficient areas repaired and re-leveled, and pavers re-reinstalled to make it easier for all residents to visit the station.
<b>Project Status</b>	Planning



## Rehabilitate Roads and Floor at the Gloria Alitto Majewski Reservoir, KWRP

<b>Project Number</b>	J67783-47
<b>Service Area</b>	North
<b>Location</b>	Kirie WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	McDonagh Demolition, Inc
<b>Estimated Construction Cost</b>	\$300,000
<b>Contract Award Date</b>	May 2025
<b>Substantial Completion Date</b>	July 2025
<b>Project Description</b>	The concrete road located on the outer rim of the Gloria Alitto Majewski Reservoir provides access to the reservoir floor. It is original to the facility and has failing concrete sections that require rehabilitation and reinforcement. The floor of the reservoir, also concrete, requires full cut, removal, and replacement of concrete slabs.
<b>Project Justification</b>	The concrete road is utilized by trucks to plow the bottom of the reservoir for odor control. It also provides access for inspections by the U.S. Army Corps of Engineers. Concrete reinforcement and replacement are necessary to provide safe and reliable access to this area.
<b>Project Status</b>	Planning



### Access Platform Installation, KWRP

<b>Project Number</b>	J67785-09
<b>Service Area</b>	North
<b>Location</b>	Kirie WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	McDonagh Demolition, Inc.
<b>Estimated Construction Cost</b>	\$200,000
<b>Contract Award Date</b>	May 2025
<b>Substantial Completion Date</b>	October 2025
<b>Project Description</b>	Contractor will design, furnish, and install permanent access elevated walkways in the grit garage of the pre-treatment building at the Kirie WRP. Materials include platform walk grates and stair treads constructed of galvanized bar grate to be mechanically fastened at all corners.
<b>Project Justification</b>	The walkways are necessary to provide safe access and egress around four dumpster locations while the dumpsters are loading with grit and staff are raking the fine screens.
<b>Project Status</b>	Planning



### Replace Epoxy Floor, KWRP

**Project Number** J67785-10

**Service Area** North

**Location** Kirie WRP

**Engineering Consultant** In-house design

**Engineering Contractor** McDonagh Demolition, Inc.

**Estimated Construction Cost** \$250,000

**Contract Award Date** May 2025

**Substantial Completion Date** October 2025

**Project Description** This project entails removing and replacing the epoxy flooring at Building 3, the pre-treatment building at the Kirie WRP.

**Project Justification** The existing epoxy flooring is original to the building and has chipped away creating a tripping hazard for personnel. The uneven floor surface is also hard to clean and leaves areas that cannot be properly disinfected.

**Project Status** Planning





## Exhaust Fan System Replacements, NSA

<b>Project Number</b>	J67795-016
<b>Service Area</b>	North
<b>Location</b>	Egan, Hanover Park, Kirie, and O'Brien WRPs
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	McDonagh Demolition, Inc.
<b>Estimated Construction Cost</b>	\$300,000
<b>Contract Award Date</b>	May 2025
<b>Substantial Completion Date</b>	August 2025
<b>Project Description</b>	The project entails removing and replacing existing exhaust fan networks in various areas of the Egan, Hanover Park, Kirie, and O'Brien WRPs. Many of the existing exhaust systems are more than 40 years old and original to the buildings.
<b>Project Justification</b>	Exhaust systems are crucial to the safety and design of these facilities. Fumes from processing sludge, if allowed to concentrate, are combustible and hazardous when inhaled. The prioritized replacement of exhaust systems ensures the safety of District employees and the protection of its facilities. Newer systems also provide an energy efficiency over models produced when these systems were first installed.
<b>Project Status</b>	Planning



## Pump and Blower Building Floor Modifications, CWRP

<b>Project Number</b>	J68843-032
<b>Service Area</b>	Calumet
<b>Location</b>	Calumet WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	McDonagh Demolition, Inc.
<b>Estimated Construction Cost</b>	\$370,000
<b>Contract Award Date</b>	May 2025
<b>Substantial Completion Date</b>	July 2025
<b>Project Description</b>	Replace the existing Pump and Blower Building floor beams and install in-fills. The work includes the saw cut of misaligned concrete edges and the installation of steel with concrete decking to match the finished floor. The contractor will lower the beams/in-fills 1" or as needed to accommodate the new matching finished floor.
<b>Project Justification</b>	Five blowers were removed from the Pump and Blower Building at the Calumet WRP, leaving behind five large holes in the concrete flooring. Three holes remain; they are located two stories above the subfloor. The structural modifications will provide for safe egress. This project also provides an opportunity to repurpose the space for the expansion of the machine shop.
<b>Project Status</b>	Planning



### Roof Replacement of Building 29, CWRP

**Project Number** J68843-033

**Service Area** Calumet

**Location** Calumet WRP

**Engineering Consultant** In-house design

**Engineering Contractor** McDonagh Demolition, Inc.

**Estimated Construction Cost** \$324,000

**Contract Award Date** April 2025

**Substantial Completion Date** June 2025

**Project Description** Replace Section 1 of the Building 29 roof. The roof specification shall be the District standard Styrene-Butadiene-Styrene (SBS) modified bituminous roofing system. The area of roof work is 6,200 square feet at a height of 16 Feet and is located on the northeast side of building.

**Project Justification** Replacing the roof is necessary to stop water leakage into the storage room office spaces and lunchroom where personnel detected ceiling damage and mold growth on walls.

**Project Status** Planning



## Lagoons 4 and 6 Slope Regrade, CALSMA

<b>Project Number</b>	J68850-003
<b>Service Area</b>	Calumet
<b>Location</b>	Calumet Solids Management Area
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	McDonagh Demolition, Inc.
<b>Estimated Construction Cost</b>	\$500,000
<b>Contract Award Date</b>	April 2025
<b>Substantial Completion Date</b>	June 2025



**Project Description** Many of the biosolids lagoons at the Calumet WRP still have the original clay-lined bottoms that over time have been compromised due to the use of heavy equipment to remove and process the biosolids for beneficial reuse. Services are required to restore the lagoons to their original slope. This project will provide restoration that includes regrading and adding material.

**Project Justification** The lagoons cannot be emptied in their entirety due to the compromised state of the slope, which, when properly graded allows solids to drain to draw off boxes at the low end of the lagoons. The project will provide restoration that will add to the useful life of the lagoons and ensure all space is efficiently emptied and available for future operations.

**Project Status** Planning

**50000 CONSTRUCTION FUND**

**OBJECTIVES AND PROGRAM SUMMARY**

OBJECTIVES BY PRIORITY:		Cost	Percent
1.	COLLECTION FACILITIES: Pursue projects, such as the replacement of Tunnel and Reservoir Plan equipment at the Calumet WRP, which will reduce operation and maintenance costs and/or provide facility improvements.	\$ 7,823,700	9.7 %
2.	TREATMENT FACILITIES: Pursue projects, such as the replacement of heating, ventilation, and air conditioning systems, District-wide and the rehabilitation of centrifuges at the Stickney WRP, which will reduce operation and maintenance costs and/or provide facility improvements.	\$ 28,955,500	35.7 %
3.	SOLIDS PROCESSING AND UTILIZATION FACILITIES: Pursue projects, such as the rehabilitation of the railroad tracks used to transport biosolids in the Stickney Service Area, which will reduce costs and/or provide facility improvements.	\$ 3,030,700	3.7 %
4.	FLOOD AND POLLUTION CONTROL: Provide funding for construction projects addressing flood control.	\$ 763,800	0.9 %
5.	CONSTRUCTION FUND PROJECT COST: Provide funding for contracts awarded prior to 2025.	\$ 38,257,200	47.2 %
6.	PROJECT SUPPORT: Development, design, and administration of current and future contracts, funding support, construction materials, and utility support services.	\$ 2,250,000	2.8 %
Totals		<u>\$ 81,080,900</u>	<u>100.0 %</u>

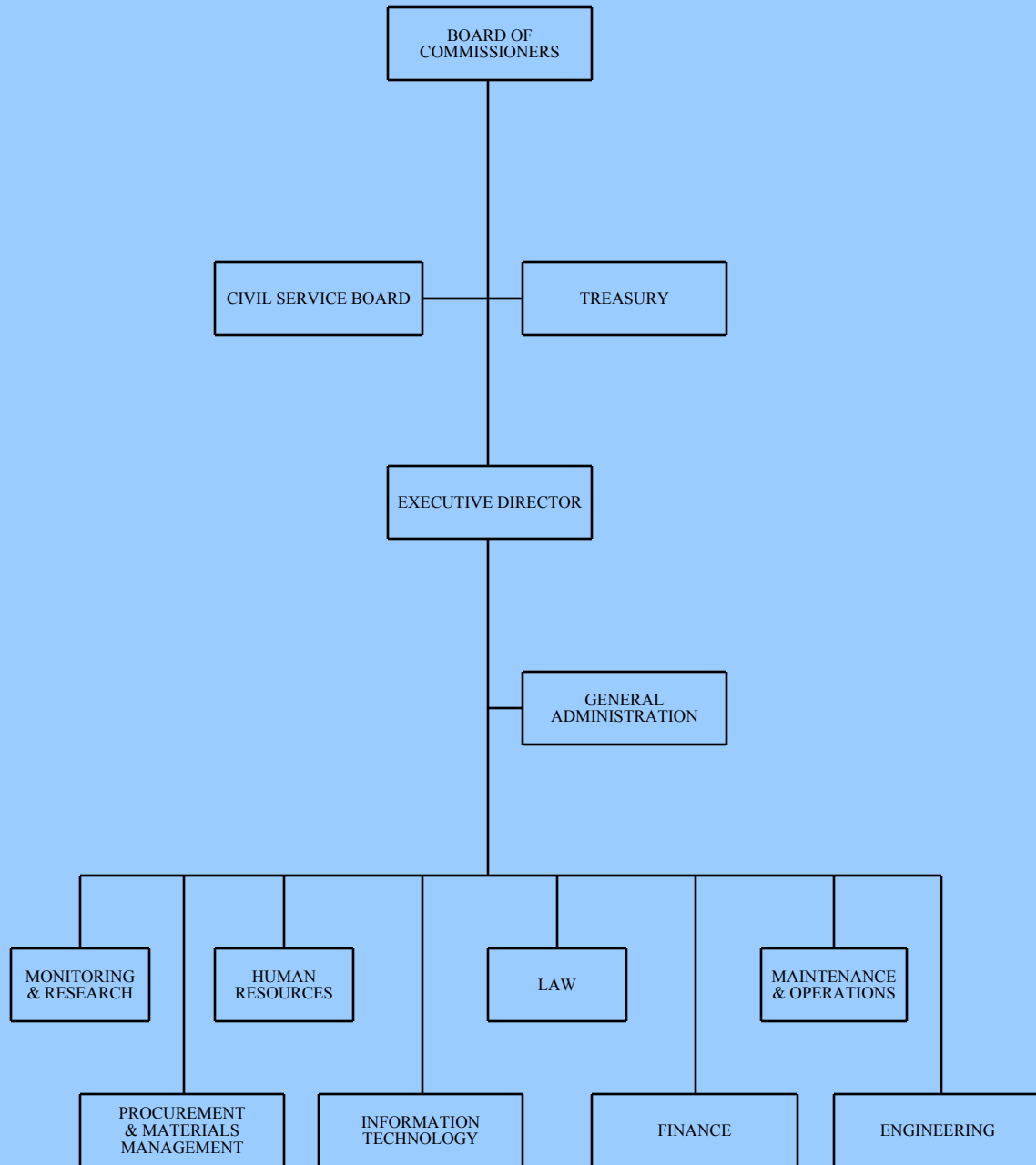
PROGRAMS BY PRIORITY:		2023	Budgeted		Change	
Number	Name	Actual	FTEs	Dollars	Dollars	Percent
1700	Collection System Design	\$ —	2025	— \$ 117,700	\$ 117,700	100.0
			2024	— \$ —		
1800	Collection Construction	\$ 814,770	2025	— \$ 10,670,400	\$(1,034,000)	(8.8)
			2024	— \$ 11,704,400		
2800	Treatment Construction	\$16,074,588	2025	— \$ 52,873,500	\$19,688,800	59.3
			2024	— \$ 33,184,700		
3700	Solids Processing Design	\$ —	2025	— \$ 350,900	\$(1,360,000)	(79.5)
			2024	— \$ 1,710,900		
3800	Solids Processing Construction	\$ 125,789	2025	— \$ 9,925,600	\$ 821,500	9.0
			2024	— \$ 9,104,100		
4207	Centennial Fountain	\$ 19,291	2025	— \$ 210,000	\$(3,512,300)	(94.4)
			2024	— \$ 3,722,300		
4600	Monitoring	\$ 2,396,901	2025	— \$ 1,900,000	\$ 400,000	26.7
			2024	— \$ 1,500,000		
4800	Flood and Pollution Control Construction	\$ 1,557,343	2025	— \$ 1,853,800	\$(8,011,100)	(81.2)
			2024	— \$ 9,864,900		
5800	Solids Utilization Construction	\$ 926,813	2025	— \$ 2,829,000	\$ 121,500	4.5
			2024	— \$ 2,707,500		
7460	Main Office Building Complex Services	\$ —	2025	— \$ 350,000	\$(750,000)	(68.2)
			2024	— \$ 1,100,000		
Totals		\$21,915,495	2025	— \$ 81,080,900	\$ 6,482,100	8.7 %
			2024	— \$ 74,598,800		

Projects budgeted in the Construction Fund, a pay-as-you-go capital fund, are prioritized based on operational needs, design time frames, and available funding. Year-over-year variances in program area budgets are the result of project timing within the five-year capital planning cycle.

201 50000	Fund: Construction Department: Engineering	LINE ITEM ANALYSIS						
		2023	2024				2025	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
612240	Testing and Inspection Services	\$ 178,433	\$ 366,000	\$ 366,000	\$ 336,867	\$ 262,000	\$ 448,500	\$ —
612400	Intergovernmental Agreements	1,789,772	10,657,700	10,657,700	7,268,149	6,210,900	2,206,700	—
612430	Payments for Professional Services	555,858	850,000	850,000	572,813	572,900	1,450,000	—
612440	Preliminary Engineering Reports and Studies	—	—	—	—	—	117,700	—
612450	Professional Engineering Services for Construction Projects	432,007	3,338,300	3,338,300	2,007,519	1,410,000	987,900	—
200	TOTAL CONTRACTUAL SERVICES	2,956,070	15,212,000	15,212,000	10,185,348	8,455,800	5,210,800	—
645620	Waterway Facilities Structures	—	—	—	—	—	235,000	—
645650	Process Facilities Structures	14,161,405	11,682,600	11,682,600	11,281,686	7,362,600	6,675,600	—
645680	Buildings	739,613	2,643,400	2,643,400	737,306	1,023,200	2,071,200	—
645700	Preservation of Collection Facility Structures	362,707	12,164,400	12,164,400	5,142,896	2,161,200	11,170,400	—
645720	Preservation of Waterway Facility Structures	19,291	3,908,400	3,908,400	2,077,905	2,000,000	560,000	—
645750	Preservation of Process Facility Structures	1,374,750	15,186,300	15,186,300	3,932,230	1,904,000	30,010,600	—
645780	Preservation of Buildings	1,374,845	11,544,200	11,544,200	3,224,677	2,764,900	22,847,300	—
645790	Preservation of Capital Projects, N.O.C.	926,813	2,257,500	2,257,500	845,671	767,500	2,300,000	—
500	TOTAL CAPITAL PROJECTS	18,959,425	59,386,800	59,386,800	27,242,371	17,983,400	75,870,100	—
TOTAL CONSTRUCTION FUND		\$ 21,915,495	\$ 74,598,800	\$ 74,598,800	\$ 37,427,719	\$ 26,439,200	\$ 81,080,900	\$ —

NOTES: 1. Amounts may not add up due to rounding.  
 2. Estimated Expenditure may either exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.

**NOTE PAGE**





# CAPITAL IMPROVEMENTS BOND FUND

## Fund Summary

The Capital Improvements Bond Fund is used when acquiring an asset that meets the definition of a capital asset: the cost typically exceeds \$500,000 and generally, the useful life will be at least 20 years. Capital projects pursued by the Engineering Department are: (a) preservation/rehabilitation of existing infrastructure to maintain service levels, (b) improvement of environmental quality, or (c) commitment to community through process optimization. The Capital Improvements Bond Fund is funded by the sale of bonds and receipt of loans from the Illinois Environmental Protection Agency and State Revolving Loan Fund. The use of these funds is governed by state statutes and federal guidelines.

## Summary of 2024 Major Accomplishments

- In support of the Strategic Plan initiative of maintaining a high level of permit compliance as requirements evolve, the District awarded contracts including:
  - 08-174-3D, Battery A Improvements and Battery B Installation of Mechanical Mixers, SWRP;
  - 23-098-3P, Overburden Removal at Location of Battery E, OWRP.
- In support of the Strategic Plan initiative of managing assets to maintain optimal performance and long-term sustainability, the District awarded contracts for the rehabilitation of intercepting sewers and other collection system improvements, including:
  - 01-103-AS, 39th Street Conduit Rehabilitation - Phase II, SSA;
  - 10-047-3S, North Shore 1 Rehabilitation, NSA;
  - 20-161-3S, Salt Creek Intercepting Sewer No. 3 Rehabilitation, SSA.
- Continuing its efforts to perform condition assessments of roofs, pumping stations, roads, and concrete structures located at treatment plants and to prepare contracts for rehabilitation as required, the District awarded contracts including:
  - 19-083-3P, Upgrade Wilmette Lift Station, NSA;
  - 22-094-3D, Rehabilitation of Elevated Deck and Boat Dock at North Branch Pumping Station, NSA.
- Continuing its efforts to add value and be a good neighbor, the District awarded the following contract:
  - 17-273-4P, Furnish and Install Odor Control System at Thornton Reservoir.

## 2025 Appropriation

The 2025 appropriation for the Capital Improvements Bond Fund is \$560,924,500, an increase of \$252,645,900, or 82.0 percent, from 2024. There are no staff positions budgeted in the Capital Improvements Bond Fund. The 2025 appropriation includes construction costs for capital projects to be awarded in 2025 in the amount of \$512.9 million. The remaining \$48.0 million includes funding for the acquisition of easements, bond issuance costs, allowances for contract change orders, and legal and other support services relating to capital projects.

## 2025 Budget Highlights

The following budget highlights support the District's Strategic Plan Goal of Resource Management. The initiatives highlighted below illustrate how the District is maintaining a high level of performance on the core mission of protecting the public health and area waterways while pursuing opportunities to recover, reuse, and monetize resources.

### Maintain a high level of permit compliance as requirements evolve

- To comply with the requirements of the National Pollutant Discharge Elimination System permit for the Kirie and O'Brien WRPs, the District will award three contracts with an estimated construction cost of \$392.1 million:
  - 19-375-3P, Phosphorus Removal, KWRP;
  - 20-087-3P, Chemical Phosphorus Removal, OWRP;
  - 21-092-3P, Battery E Activated Sludge Facility, OWRP.

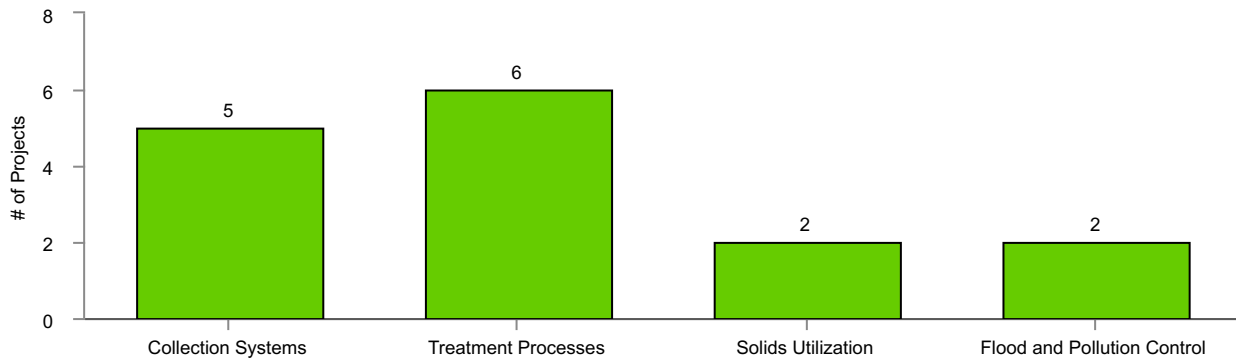
### Manage assets to maintain optimal performance and long-term sustainability

- Award four contracts for the rehabilitation of intercepting sewers and other collection system work, with an estimated construction cost of \$35.4 million:
  - 12-369-3S, Upper Des Plaines Intercepting Sewer 11D Rehabilitation, NSA;
  - 20-160-4H, TARP Mainstream Dropshaft DS-M73E at Armitage Avenue, SSA;
  - 20-162-3S, West Side Intercepting Sewer No. 2 Rehabilitation, SSA;
  - 23-173-3S, Southwest Side Intercepting Sewer No. 15, 16, and 17B Rehabilitation, SSA.
- Award three contracts for improvements to process facilities and mechanical equipment, with an estimated construction cost of \$32.0 million:
  - 19-255-3D, Rehabilitation of Pump and Blower House, CWRP;
  - 24-098-3S, North Side Sludge Pipeline Replacement - Section 2, OWRP;
  - 24-269-3P, Install Pipe Casing and Utilities Under Rail Road Tracks to Dewatering Facility, CWRP.

- Award two contracts for the modernization of power distribution and control systems, with an estimated construction cost of \$37.0 million:
  - 19-856-3E, TARP Control System Replacement, CSA, NSA, SSA;
  - 23-379-3E, Switchgear and Motor Control Center Replacement, KWRP.
- Continue the Engineering Department’s 30-year program to rehabilitate concrete structures, roofs, pumps, roads, and outlying stations to ensure the continued reliability and longevity of its facilities for the next 100 years. Three contracts will be awarded in support of this program, with an estimated construction cost of \$16.5 million:
  - 19-154-3E, Low Voltage Switchgear Replacement, MSPS;
  - 24-176-3H, North and South Guard Valve Chambers Shotcrete Lining Rehabilitation, MSPS;
  - 24-384-3D, Rehabilitation of Service Tunnel Expansion Joints and Replacement of Road E, KWRP.

In 2025, there are 15 projects scheduled for award in the Capital Improvements Bond Fund. The breakdown by program is displayed in the exhibit below.

**Capital Improvements Bond Fund Projects Scheduled for 2025 Award**



**Capital Improvements Bond Fund Program**

<b>Awards in 2025</b>					
Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date	
Chemical Phosphorus Removal, OWRP	20-087-3P	\$ 14,000	684	Jan 2025	
Switchgear and Motor Control Center Replacement, KWRP	23-379-3E	12,000	355	Jan 2025	
Rehabilitation of Service Tunnel Expansion Joints and Replacement of Road E, KWRP	24-384-3D	4,500	970	Feb 2025	
Phosphorus Removal, KWRP	19-375-3P	10,300	316	Mar 2025	
Upper Des Plaines Intercepting Sewer 11D Rehabilitation, NSA	12-369-3S	7,750	402	Apr 2025	
<b>TARP Mainstream Dropshaft DS-M73E at Armitage Avenue, SSA</b>	<b>20-160-4H</b>	12,600	347	Apr 2025	
Rehabilitation of Pump and Blower House, CWRP	19-255-3D	18,000	692	May 2025	
North Side Sludge Pipeline Replacement - Section 2, OWRP	24-098-3S	2,000	352	May 2025	
Battery E Activated Sludge Facility, OWRP	21-092-3P	367,751	981	Jun 2025	
Low Voltage Switchgear Replacement, MSPS	19-154-3E	9,000	682	Sep 2025	
North and South Guard Valve Chambers Shotcrete Lining Rehabilitation, MSPS	24-176-3H	3,000	704	Sep 2025	
TARP Control System Replacement, CSA, NSA, SSA	19-856-3E	25,000	503	Oct 2025	
West Side Intercepting Sewer No. 2 Rehabilitation, SSA	20-162-3S	3,000	492	Oct 2025	
Southwest Side Intercepting Sewer No. 15, 16, and 17B Rehabilitation, SSA	23-173-3S	12,000	564	Oct 2025	
Install Pipe Casing and Utilities Under Rail Road Tracks to Dewatering Facility, CWRP	24-269-3P	12,000	443	Oct 2025	
Total 2025 Awards		\$ 512,901			

**Projects Under Construction**

Projects under construction in the Capital Improvements Bond Fund were appropriated in prior years using the full encumbrance (obligation) method of budgetary accounting. The construction contract award amount and the full project duration are provided in this table.

Project Name	Project Number	Est. Construction Cost	Duration (days)	Award Date
Mainstream TARP Pumps Rehabilitation at the Stickney Water Reclamation Plant	18-144-3M	\$ 23,558	2,124	Apr 2021
Furnish, Deliver, and Install Coarse Screens, SWRP	20-903-31	4,188	1,411	May 2021
Central Boiler Facility and Electrical Updates, Hanover Park Water Reclamation Plant, Rebid	19-542-3MR	14,046	1,412	Nov 2021
Chemical Addition Backup System, Stickney Water Reclamation Plant	19-159-3P	8,777	1,102	Feb 2022
Furnish, Deliver, and Install Disc Filters at the Egan Water Reclamation Plant	18-702-31	9,143	1,043	Mar 2022
Rehabilitation of Steel Spandrel Beams of Pump and Blower House, O'Brien Water Reclamation Plant	15-069-3D	22,324	1,518	Apr 2022
Sludge Pumping Improvements, Various Locations	21-603-31	8,595	1,108	Apr 2022
North Side Sludge Pipeline Replacement - Section 1, NSA, Rebid	07-027-3SR	27,897	1,173	Jun 2022
Roof Replacement of the Lue-Hing M&R Complex, Stickney Water Reclamation Plant	17-135-3V	11,379	844	Dec 2022
Calumet 18E Relief Connecting Structure and Sewer Work, CSA	21-262-3S	3,108	857	Dec 2022
A/B and C/D Service Tunnel Rehabilitation - Phase Three, Stickney Water Reclamation Plant, Rebid	16-127-3DR	28,993	1,056	Feb 2023
Boilers 3, 4, 5, and MCC Replacement, Stickney Water Reclamation Plant, Rebid	19-155-3MR	21,884	1,284	May 2023
Upper Des Plaines Intercepting Sewer 14B Rehabilitation, NSA, Rebid	06-360-3SR	36,112	1,015	Jun 2023
Phosphorus Removal Modifications to Battery D, O'Brien Water Reclamation Plant	21-091-3P	15,311	752	Jun 2023
Upper Des Plaines Intercepting Sewer 11D, Ext. C Rehabilitation, NSA	11-404-3S	8,416	499	Sep 2023
Digester Rehabilitation and Gas Piping Replacement - Phase II, Stickney Water Reclamation Plant	18-148-3P	52,358	2,245	Nov 2023
Westchester Pumping Station Relief Sewer, SSA	21-168-3S	6,777	565	Dec 2023
North Shore 1 Rehabilitation, NSA	10-047-3S	44,991	967	Jan 2024
Upgrade Wilmette Lift Station, NSA	19-083-3P	1,839	316	Mar 2024
Rehabilitation of Elevated Deck and Boat Dock at North Branch Pumping Station, NSA	22-094-3D	22,594	878	Mar 2024
Overburden Removal at Location of Battery E, OWRP	23-098-3P	7,384	390	Sep 2024
39th Street Conduit Rehabilitation - Phase II, SSA	01-103-AS	39,418	663	Oct 2024
Battery A Improvements and Battery B Installation of Mechanical Mixers, SWRP	08-174-3D	54,500	877	Oct 2024
<b>Furnish and Install Odor Control System at Thornton Reservoir</b>	<b>17-273-4P</b>	3,888	322	Nov 2024
Salt Creek Intercepting Sewer No. 3 Rehabilitation, SSA	20-161-3S	17,000	553	Nov 2024
<b>Total Projects Under Construction</b>		<b>\$ 494,480</b>		

**Projects Under Development**

Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date
Kirie - Egan Solids Pipeline Rehabilitation Section No. 2, NSA	23-417-3S	\$ 12,500	275	Apr 2026
Decommissioning of Battery B and C Imhoff Tanks and Skimming Tanks 9-16, SWRP	19-152-3P	10,000	513	Jul 2026
Additional Grit Removal Tank and Construction of New Plant Entrance, LWRP	19-717-3P	6,000	553	Nov 2026
Calumet Intercepting Sewer No. 13 Rehabilitation, CSA	23-264-3S	14,500	65	Nov 2026
Replacement of TARP Coarse Screen Hoist and Installation of Low-Level Interceptor Screen, CWRP	24-278-3M	6,000	445	Dec 2026
Switchgear and Motor Control Center Replacement, CWRP	19-258-3E	23,000	632	Jan 2027
Replacement of Dewatering Facility, CWRP	24-268-3P	65,000	1,453	Jan 2027
Kirie - Egan Solids Pipeline Rehabilitation Section No. 3, NSA	23-418-3S	13,500	562	Jun 2027
Howard Avenue Junction Chamber Modification to Upper Des Plaines Intercepting Sewer No. 6, SSA	24-175-3S	2,000	457	Jun 2027
Harms Road Intercepting Sewer Extension No. 1 Rehabilitation, NSA	23-096-3S	9,000	564	Aug 2027
Gravity Belt Thickener Installation and Building Rehabilitation, CWRP	22-263-3P	20,000	352	Sep 2027
Calumet Intercepting Sewer No. 17K, 19C Relief and 18H Ext. B Rehabilitation, CSA	23-265-3S	6,500	562	Nov 2027
Plant Improvements, HPWRP	18-540-3P	20,000	683	Jan 2028
Gloria Alitto Majewski Reservoir Rehabilitation, NSA	22-376-3P	25,000	353	Mar 2028
Phosphorus Removal, EWRP	19-415-3P	30,000	452	Apr 2028
<b>McCook Reservoir Stage 2 Final Reservoir Preparation, SSA</b>	<b>17-132-4F</b>	24,796	482	May 2028
Switchgear Replacement at HPWRP and Motor Control Center Replacement at Upper DuPage Reservoir, NSA	19-543-3E	9,750	682	May 2028
Rehabilitation of Service Tunnel Expansion Joints, OWRP	24-006-3D	3,500	968	Jun 2028
Install Lagoon and Upgrade Drainage and Riser System at Fisher Farm, HPWRP	24-545-3P	13,300	1,453	Jun 2028
Kirie - Egan Solids Pipeline Rehabilitation Section No. 4, NSA	23-419-3S	12,500	562	Aug 2028
Scum System Improvements, SWRP	24-177-3P	30,000	942	Aug 2028
West Side Intercepting Sewer No. 3-D Rehabilitation, SSA	24-174-3S	19,000	562	Oct 2028
Lemont Intercepting Sewer No. 4 Rehabilitation, CSA	23-266-3S	11,000	562	Nov 2028
Fermentation and Ancillary Facilities for Biological Phosphorus Removal Phase I, OWRP	20-085-3P	100,000	802	Dec 2028
Battery B Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-128-3D	20,000	513	Feb 2029
Replacement of Devon Avenue Instream Aeration Station, NSA	24-099-3P	13,000	942	May 2029
Replacement of Scale House, Scale, Shop and Storage Buildings, and City Water with Canal Water Service, LASMA	24-185-3D	3,500	970	Jun 2029
Convert WASSTRIP Tanks to Waste Activated Sludge Thickening Tanks and Install Sludge Screen, SWRP	24-178-3P	15,000	1,194	Jul 2029
Install Drain Tile at Blower Building and Porous Pavement Parking Lot, CWRP	24-270-3P	10,000	956	Jul 2029
Calumet Intercepting Sewer Nos. 2, 3, 4, and 10 Rehabilitation, CSA	24-267-3S	30,000	562	Nov 2029
Total Future Awards		<u>\$ 578,346</u>		
Cumulative 2025 and Future Awards		<u>\$ 1,091,247</u>		

Note: All cost figures are in thousands of dollars.

**Bold type indicates projects to be financed by "Unlimited Tax Bonds."**

### TARP PHASE II PROJECT COSTS

Phase I of TARP was completed in 2006 and two of the Phase II reservoirs, Majewski and Thornton, are now fully operational. Stage 1 of the McCook Reservoir became operational in December 2017 and Stage 2 will continue to be mined with completion scheduled for 2029. Though only partially complete, TARP has already been effective in reducing pollution and flooding. The Phase II Reservoir project costs are shown in the table below.

Project Name	Project Number	Design/Construction Status	Project Costs (4)	Funded by Army Corps of Engineers
<b>Majewski Reservoir</b>				
I - Army Corps of Engineers Contracts	73-315-2S	Construction completed in 1998	\$40,819,000	75%
II - Betterments (1)	93-339-2F	Construction completed in 1998	\$3,992,000	No
<b>Thornton Reservoir</b>				
I - Vincennes Avenue Relocation	77-235-AF	Construction completed in 2001	\$4,398,000	See Note (3)
II - Transitional Reservoir GW Monitoring Wells	77-235-CF	Construction completed in 2002	\$529,000	
III - Transitional Reservoir (2)	77-235-BF	Construction completed in 2003	\$54,707,000	
IV - Mining, Land, and Corps Costs	77-235-2F	Mining completed in 2013	\$65,210,000	
V - Tollway Dam and Grout Curtain	04-201-4F	Construction completed in 2015	\$80,750,000	
VI - TARP Inlet/Outlet Tunnels and Gates	04-202-4F	Construction completed in 2015	\$147,000,000	
VII - Final Reservoir Preparation	04-203-4F	Construction completed in 2015	\$63,479,000	
VIII - Surface Aeration	04-203-AF	Construction completed in 2017	\$1,921,000	
IX - Decommissioning Thornton Transitional Reservoir	15-266-4H5	Construction completed in 2023	\$26,117,000	
X - Rock Dam Treatment	21-260-4H	Construction completed in 2023	\$6,101,000	
<b>McCook Reservoir</b>				
I - Stages 1 and 2 - Army Corps of Engineers Contracts	73-161-2H	Reservoir constructed under several contracts	\$615,937,000	75%
II - Site Preparation, Lagoons 1-10	73-161-BH	Construction completed in 2000	\$889,000	\$307,000 Credited
III - 73rd Street Tunnel Relocation	97-156-2H	Construction completed in 2002	\$15,132,000	Credited
IV - Willow Springs Berm	96-249-2P	Construction completed in 2002	\$3,593,000	No
V - Vulcan Primary Crusher Furnish and Deliver	PO3030920	Crusher purchased in 2005	\$1,626,000	No
VI - Conveyance Tunnel	73-161-AH	Construction completed in 2006	\$5,428,000	No
VII - Vulcan Mining Trucks and Loaders	73-161-HH	Vehicles delivered in 2007	\$11,105,000	No
VIII - Vulcan Miscellaneous Mining Vehicles	73-161-GH	Vehicles delivered in 2007 and 2008	\$4,409,000	No
IX - Conveyance System and Maintenance Facilities	73-161-FH	Construction completed in 2008	\$32,381,000	\$1.84M Credited
X - LASMA Overburden Removal	73-161-CH	Construction completed in 2010	\$66,316,000	No
XI - Vulcan Rock Mining Hard Costs Less Royalty	73-161-EH	Mining underway	\$115,370,000	No
XII - Stage 2 Miscellaneous Overburden Removal	73-161-JH	Construction completed in 2012	\$6,510,000	No
XIII - Expanded Stage 2 Overburden Removal	73-161-DH	Construction completed in 2016	\$18,743,000	No
XIV - Des Plaines Inflow Tunnel	13-106-4F	Construction completed in 2022	\$109,906,000	No
XV - Expanded Stage 2 Slope Stabilization	16-125-4F	Construction completed in 2019	\$8,897,000	No
XVI - McCook Reservoir Rock Wall Stabilization and Geotechnical Instrumentation	17-131-4FR	Under Construction	\$22,079,000	53%
XVII - McCook Reservoir Stage 2 Final Reservoir Preparation	17-132-4F	Future	\$24,796,000	69%
XVIII - Professional Services for Geotechnical Work with McCook & Thornton Reservoirs	19-151-4C	Underway	\$1,150,000	75%
Total Project Cost			\$1,559,290,000	

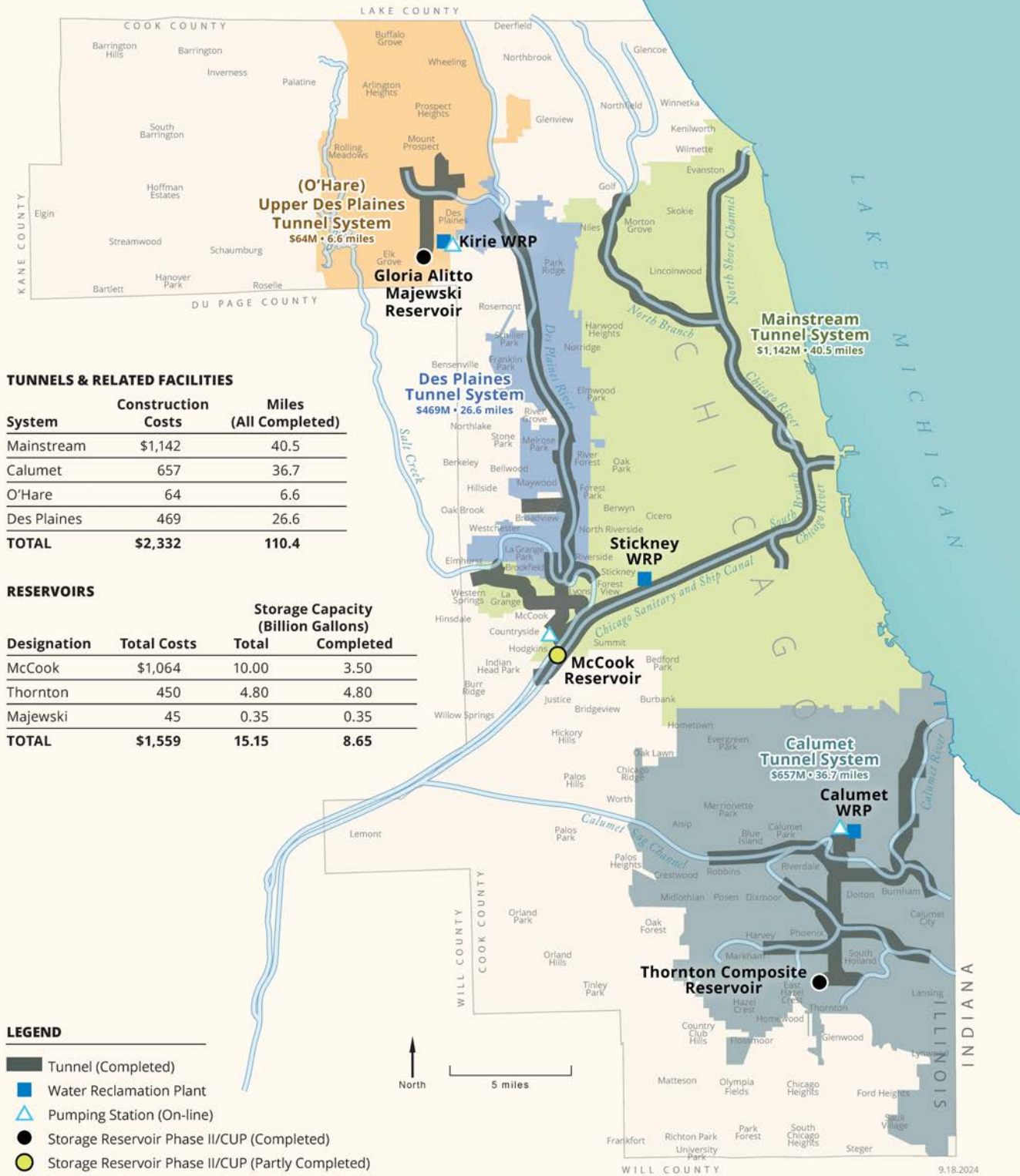
Notes:

- (1) Betterment includes a control building, reservoir outflow control gates, and monitoring system.
- (2) Cost shown is the total cost of the Transitional Reservoir. Facilities that will be re-used for the Thornton Composite Reservoir account for \$30,337,000 of the cost.
- (3) The District designed and constructed the Thornton Composite Reservoir in anticipation of receiving reimbursement or credits from the Army Corps of Engineers. To date, the District has received reimbursements totaling \$39,200,000.
- (4) Includes land, engineering, and construction costs.



# TUNNEL and RESERVOIR PLAN PROJECT STATUS

Figure 1



**TUNNELS & RELATED FACILITIES**

System	Construction Costs	Miles (All Completed)
Mainstream	\$1,142	40.5
Calumet	657	36.7
O'Hare	64	6.6
Des Plaines	469	26.6
<b>TOTAL</b>	<b>\$2,332</b>	<b>110.4</b>

**RESERVOIRS**

Designation	Total Costs	Storage Capacity (Billion Gallons)	
		Total	Completed
McCook	\$1,064	10.00	3.50
Thornton	450	4.80	4.80
Majewski	45	0.35	0.35
<b>TOTAL</b>	<b>\$1,559</b>	<b>15.15</b>	<b>8.65</b>

**LEGEND**

- Tunnel (Completed)
- Water Reclamation Plant
- Pumping Station (On-line)
- Storage Reservoir Phase II/CUP (Completed)
- Storage Reservoir Phase II/CUP (Partly Completed)

**CAPITAL PROJECTS LISTED BY SERVICE AREA - CAPITAL IMPROVEMENTS BOND FUND**

The following is a list of capital projects within the District’s three major service areas. They are presented by their association with a water reclamation plant (WRP) and by their completion status: projects for 2025 award, under construction, or under development.

**Bold Type indicates projects to be financed by "Unlimited Tax Bonds."**

**STICKNEY  
SERVICE  
AREA (SSA)**



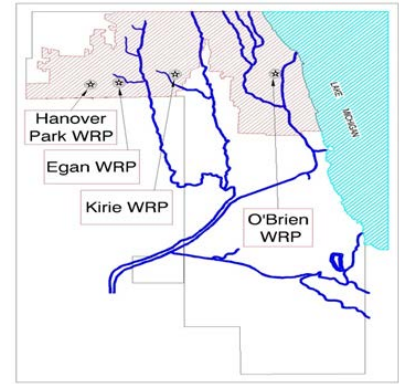
**Stickney Water Reclamation Plant (SWRP)**

		<b>Estimated Substantial Completion Date</b>	<b>Estimated Construction Cost</b>
<b>Projects for 2025 Award</b>			
19-154-3E	Low Voltage Switchgear Replacement, MSPS		\$ 9,000,000
19-856-3E	TARP Control System Replacement, CSA, NSA, SSA		25,000,000
<b>20-160-4H</b>	<b>TARP Mainstream Dropshaft DS-M73E at Armitage Avenue, SSA</b>		12,600,000
20-162-3S	West Side Intercepting Sewer No. 2 Rehabilitation, SSA		3,000,000
23-173-3S	Southwest Side Intercepting Sewer No. 15, 16, and 17B Rehabilitation, SSA		12,000,000
24-176-3H	North and South Guard Valve Chambers Shotcrete Lining Rehabilitation, MSPS		3,000,000
		<b>Total</b>	<b>\$ 64,600,000</b>
<b>Projects Under Construction</b>			
01-103-AS	39th Street Conduit Rehabilitation - Phase II, SSA	07/26	\$ 39,418,164
08-174-3D	Battery A Improvements and Battery B Installation of Mechanical Mixers, SWRP	03/27	54,500,000
11-187-3F	^* Addison Creek Channel Improvements, SSA	05/26	5,600,000
13-199-3F	^* Lyons and McCook Levee Improvements Project	10/25	1,358,335
16-127-3DR	A/B and C/D Service Tunnel Rehabilitation - Phase Three, Stickney Water Reclamation Plant, Rebid	12/25	28,992,841
17-135-3V	Roof Replacement of the Lue-Hing M&R Complex, Stickney Water Reclamation Plant	03/25	11,378,716
18-144-3M	Mainstream TARP Pumps Rehabilitation at the Stickney Water Reclamation Plant	01/27	23,558,151
18-148-3P	Digester Rehabilitation and Gas Piping Replacement - Phase II, Stickney Water Reclamation Plant	01/30	52,358,395
19-155-3MR	Boilers 3, 4, 5, and MCC Replacement, Stickney Water Reclamation Plant, Rebid	11/26	21,883,980
19-159-3P	Chemical Addition Backup System, Stickney Water Reclamation Plant	02/25	8,776,938
20-161-3S	Salt Creek Intercepting Sewer No. 3 Rehabilitation, SSA	05/26	17,000,000
20-903-31	Furnish, Deliver, and Install Coarse Screens, SWRP	03/25	4,188,423



		<b>Estimated Substantial Completion Date</b>	<b>Estimated Construction Cost</b>
<b>Projects Under Construction (continued)</b>			
21-168-3S	Westchester Pumping Station Relief Sewer, SSA	07/25	\$ 6,776,716
21-603-31	Sludge Pumping Improvements, Various Locations	04/25	8,594,678
Total			<b>\$ 284,385,337</b>
<b>Projects Under Development</b>			
16-128-3D	Battery B Final Settling Tanks, Rehabilitation of Concrete, SWRP		\$ 20,000,000
<b>17-132-4F</b>	<b>McCook Reservoir Stage 2 Final Reservoir Preparation, SSA</b>		24,796,187
19-152-3P	Decommissioning of Battery B and C Imhoff Tanks and Skimming Tanks 9-16, SWRP		10,000,000
24-174-3S	West Side Intercepting Sewer No. 3-D Rehabilitation, SSA		19,000,000
24-175-3S	Howard Avenue Junction Chamber Modification to Upper Des Plaines Intercepting Sewer No. 6, SSA		2,000,000
24-177-3P	Scum System Improvements, SWRP		30,000,000
24-178-3P	Convert WASSTRIP Tanks to Waste Activated Sludge Thickening Tanks and Install Sludge Screen, SWRP		15,000,000
24-185-3D	Replacement of Scale House, Scale, Shop and Storage Buildings, and City Water with Canal Water Service, LASMA		3,500,000
Total			<b>\$ 124,296,187</b>
Stickney Service Area Grand Total			<b>\$ 473,281,524</b>

**NORTH  
SERVICE  
AREA (NSA)**

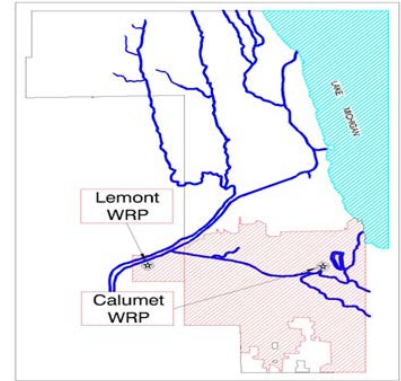


**Terrence J. O'Brien Water Reclamation Plant (OWRP)  
John E. Egan Water Reclamation Plant (EWRP)  
James C. Kirie Water Reclamation Plant (KWRP)  
Hanover Park Water Reclamation Plant (HPWRP)**

		<b>Estimated Substantial Completion Date</b>	<b>Estimated Construction Cost</b>
<b>Projects for 2025 Award</b>			
12-369-3S	Upper Des Plaines Intercepting Sewer 11D Rehabilitation, NSA		\$ 7,750,000
19-375-3P	Phosphorus Removal, KWRP		10,300,000
20-087-3P	Chemical Phosphorus Removal, OWRP		14,000,000
21-092-3P	Battery E Activated Sludge Facility, OWRP		367,750,800
23-379-3E	Switchgear and Motor Control Center Replacement, KWRP		12,000,000
24-098-3S	North Side Sludge Pipeline Replacement - Section 2, OWRP		2,000,000
24-384-3D	Rehabilitation of Service Tunnel Expansion Joints and Replacement of Road E, KWRP		4,500,000
		<b>Total</b>	<b>\$ 418,300,800</b>
<b>Projects Under Construction</b>			
06-360-3SR	Upper Des Plaines Intercepting Sewer 14B Rehabilitation, NSA, Rebid	03/26	\$ 36,112,121
07-027-3SR	North Side Sludge Pipeline Replacement - Section 1, NSA, Rebid	09/25	27,897,074
10-047-3S	North Shore 1 Rehabilitation, NSA	09/26	44,990,757
11-404-3S	Upper Des Plaines Intercepting Sewer 11D, Ext. C Rehabilitation, NSA	01/25	8,416,282
15-069-3D	Rehabilitation of Steel Spandrel Beams of Pump and Blower House, O'Brien Water Reclamation Plant	06/26	22,324,318
18-702-31	Furnish, Deliver, and Install Disc Filters at the Egan Water Reclamation Plant	01/25	9,143,393
19-083-3P	Upgrade Wilmette Lift Station, NSA	01/25	1,839,000
19-542-3MR	Central Boiler Facility and Electrical Updates, Hanover Park Water Reclamation Plant, Rebid	09/25	14,046,353
21-091-3P	Phosphorus Removal Modifications to Battery D, O'Brien Water Reclamation Plant	07/25	15,310,592
22-094-3D	Rehabilitation of Elevated Deck and Boat Dock at North Branch Pumping Station, NSA	08/26	22,593,795
23-098-3P	Overburden Removal at Location of Battery E, OWRP	10/25	7,384,250
		<b>Total</b>	<b>\$ 210,057,935</b>
<b>Projects Under Development</b>			
18-540-3P	Plant Improvements, HPWRP		\$ 20,000,000
19-415-3P	Phosphorus Removal, EWRP		30,000,000
19-543-3E	Switchgear Replacement at HPWRP and Motor Control Center Replacement at Upper DuPage Reservoir, NSA		9,750,000

		<b>Estimated Substantial Completion Date</b>	<b>Estimated Construction Cost</b>
<b>Projects Under Development (continued)</b>			
20-085-3P	Fermentation and Ancillary Facilities for Biological Phosphorus Removal Phase I, OWRP		\$ 100,000,000
22-376-3P	Gloria Alitto Majewski Reservoir Rehabilitation, NSA		25,000,000
23-096-3S	Harms Road Intercepting Sewer Extension No. 1 Rehabilitation, NSA		9,000,000
23-417-3S	Kirie - Egan Solids Pipeline Rehabilitation Section No. 2, NSA		12,500,000
23-418-3S	Kirie - Egan Solids Pipeline Rehabilitation Section No. 3, NSA		13,500,000
23-419-3S	Kirie - Egan Solids Pipeline Rehabilitation Section No. 4, NSA		12,500,000
24-006-3D	Rehabilitation of Service Tunnel Expansion Joints, OWRP		3,500,000
24-099-3P	Replacement of Devon Avenue Instream Aeration Station, NSA		13,000,000
24-545-3P	Install Lagoon and Upgrade Drainage and Riser System at Fisher Farm, HPWRP		13,300,000
		Total	<u>\$ 262,050,000</u>
		North Service Area Grand Total	<u><u>\$ 890,408,735</u></u>

**CALUMET  
SERVICE  
AREA (CSA)**



**Calumet Water Reclamation Plant (CWRP)  
Lemont Water Reclamation Plant (LWRP)**

		<b>Estimated Substantial Completion Date</b>	<b>Estimated Construction Cost</b>
<b>Projects for 2025 Award</b>			
19-255-3D	Rehabilitation of Pump and Blower House, CWRP		\$ 18,000,000
24-269-3P	Install Pipe Casing and Utilities Under Rail Road Tracks to Dewatering Facility, CWRP		12,000,000
		Total	<b>\$ 30,000,000</b>
<b>Projects Under Construction</b>			
17-273-4P	<b>Furnish and Install Odor Control System at Thornton Reservoir</b>	10/25	\$ 3,887,890
21-262-3S	Calumet 18E Relief Connecting Structure and Sewer Work, CSA	04/25	3,108,314
		Total	<b>\$ 6,996,204</b>
<b>Projects Under Development</b>			
19-258-3E	Switchgear and Motor Control Center Replacement, CWRP		\$ 23,000,000
19-717-3P	Additional Grit Removal Tank and Construction of New Plant Entrance, LWRP		6,000,000
22-263-3P	Gravity Belt Thickener Installation and Building Rehabilitation, CWRP		20,000,000
23-264-3S	Calumet Intercepting Sewer No. 13 Rehabilitation, CSA		14,500,000
23-265-3S	Calumet Intercepting Sewer No. 17K, 19C Relief and 18H Ext. B Rehabilitation, CSA		6,500,000
23-266-3S	Lemont Intercepting Sewer No. 4 Rehabilitation, CSA		11,000,000
24-267-3S	Calumet Intercepting Sewer Nos. 2, 3, 4, and 10 Rehabilitation, CSA		30,000,000
24-268-3P	Replacement of Dewatering Facility, CWRP		65,000,000
24-270-3P	Install Drain Tile at Blower Building and Porous Pavement Parking Lot, CWRP		10,000,000
24-278-3M	Replacement of TARP Coarse Screen Hoist and Installation of Low-Level Interceptor Screen, CWRP		6,000,000
		Total	<b>\$ 192,000,000</b>
		Calumet Service Area Grand Total	<b>\$ 228,996,204</b>
		Capital Projects Grand Total - All Service Areas	<b>\$ 1,592,686,463</b>

^ These projects are part of the Stormwater Management Program. Detailed information about this fund and these project fact sheets appear in Section VI of this budget document.

\* These projects are funded by the Capital Improvements Bond Fund and the Stormwater Management Fund.

### 39th Street Conduit Rehabilitation - Phase II, SSA

**Project Number** 01-103-AS

**Service Area** Stickney

**Location** Chicago, IL

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$39,418,164

**Contract Award Date** October 2024

**Substantial Completion Date** July 2026



**Project Description** This project will rehabilitate a portion of the 100+ year-old conduit lying under 39th Street (Pershing Road), stretching from a former pumping station near Lake Michigan to its discharge at the Racine Avenue Pumping Station (RAPS). The project includes approximately 3,280 feet of concrete intercepting sewer rehabilitation from Halsted Street to RAPS, as well as associated manholes and connecting structures.

- The 39th Street conduit consists of the following three segments:
1. The first segment is a 22'0" x 23'0" horseshoe constructed of reinforced concrete that extended the conduit westward approximately 2,466 feet from Halsted Street to east of Racine Avenue.
  2. The second segment is a 24'0" x 27'0" horseshoe constructed of reinforced concrete that runs northwest for approximately 367 feet and drops into the double-barrel sewer connecting to RAPS.
  3. The third segment is the 16'0" x 12'0" RAPS double-barrel rectangular reinforced concrete connecting sewer, with invert elevation approximately 10-feet lower than the invert of the rest of the 39th Street conduit. This runs west approximately 447 feet and curves into RAPS.

**Project Justification** The 39th Street conduit is approximately 110 years old. The conduit receives combined sewage from a service area of approximately nine square miles on the southeast side of Chicago. Video inspection of this conduit indicates severe deterioration, including loss of bricks, infiltrating joints, and mineral deposits at a number of places, which could eventually lead to a collapse. Under Phase I of the project, a bypass tunnel was constructed to allow for the rehabilitation of the 39th Street conduit. Rehabilitation of the conduit will ensure long-term drainage for over 145,000 people in its service area.

**Project Status** Design

## Upper Des Plaines Intercepting Sewer 14B Rehabilitation, NSA, Rebid

**Project Number** 06-360-3SR

**Service Area** North

**Location** Wheeling, IL

**Engineering Consultant** In-house design

**Engineering Contractor** Michels Trenchless, Inc.

**Estimated Construction Cost** \$36,112,121

**Contract Award Date** June 2023

**Substantial Completion Date** March 2026

**Project Description** This project entails rehabilitating 2,888 feet of 48-inch diameter sewer and 11,908 feet of 69-inch diameter sewer by cured-in-place pipe lining and/or the slip lining method, rehabilitating 28 manholes/structures and the abandonment of one offset manhole.

**Project Justification** The sewers were inspected by the Maintenance & Operations Department with a closed-circuit television inspection system. The video inspection tapes show cracks (circular and longitudinal), sewage solids deposits, sags, offset joints, root intrusion, infiltration, and concrete erosion. Physical inspection of the manholes revealed cracks and holes in the walls and bases of the manholes and in one offset manhole, which is part of a control structure, and 85 feet of 3'6" x 4'6" pipe.

**Project Status** Construction



## North Side Sludge Pipeline Replacement - Section 1, NSA, Rebid

**Project Number** 07-027-3SR

**Service Area** North

**Location** Chicago, Lincolnwood, and Skokie, IL

**Engineering Consultant** In-house design

**Engineering Contractor** Joel Kennedy Constructing Corp.

**Estimated Construction Cost** \$27,897,074

**Contract Award Date** June 2022

**Substantial Completion Date** September 2025



**Project Description** This project will replace Section 1 of the existing North Side Sludge Pipeline with 19,000 feet of 20-inch diameter force main, construct air relief, blow off and clean out structures, and rehabilitate 43 existing structures located in the City of Chicago and the Villages of Lincolnwood and Skokie.

**Project Justification** Due to external corrosion and damage caused by construction activities of others in the area, the pipeline developed numerous holes over the years resulting in sludge overflowing into the North Shore Channel. In order to increase the reliability of sludge conveyance, the pipeline needs to be rehabilitated and/or replaced. The structures were inspected by the Maintenance & Operations Department in January 2008 with a closed-circuit television inspection system and by physical inspection. The video inspection shows that the piping and valves inside the structures have corroded. Due to the importance of the North Side Sludge Pipeline, the piping and valves in the 43 structures will be removed and replaced. New automatic air release valves will be installed in the remaining existing structures to preserve the useful life of those structures.

**Project Status** Construction

## Battery A Improvements and Battery B Installation of Mechanical Mixers, SWRP

<b>Project Number</b>	08-174-3D
<b>Service Area</b>	Stickney
<b>Location</b>	Stickney WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$54,500,000
<b>Contract Award Date</b>	October 2024
<b>Substantial Completion Date</b>	March 2027



**Project Description** This project entails concrete rehabilitation and the installation of railing at the Battery A final settling tanks and influent channels, air piping replacement in the Battery A aeration tanks, and the installation of mechanical mixers in the Battery B aeration tanks at the Stickney WRP. This project also includes the installation of a transfer slab below "F" Street to protect the Battery A main effluent conduit below and allow heavy traffic over the road.

**Project Justification** This project will rehabilitate the 80-year-old concrete in the Battery A final settling tanks, which is severely deteriorated in some locations and falling into the tanks. The addition of railing around final settling tanks and along the mixed liquor channel will safeguard against employees, contractors, and/or visitors falling into the tanks and channels. The addition of safety davit sleeves will allow for the use of portable davit hoists, making any necessary emergency retrieval of injured person(s) from tanks safer and quicker. In addition, this project will replace the air drops in the Battery A aeration tanks which are corroded and broken in multiple locations, resulting in inefficient aeration. Mechanical mixers will be installed in the Battery B aeration tanks, which is required to properly mix the anaerobic zones in the biological phosphorus removal process. Lastly, the installation of a load transfer slab over the main effluent conduit will permit the replacement of "F" Street to allow heavy truck and construction traffic. Historically, traffic on this street has been limited to light single axle vehicles. Increasing the road capacity will improve construction access and facilitate improvements in the future.

**Project Status** Design



### North Shore 1 Rehabilitation, NSA

<b>Project Number</b>	10-047-3S
<b>Service Area</b>	North
<b>Location</b>	Evanston, Kenilworth, Wilmette, and Winnetka, IL
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	Inliner Solutions, LLC
<b>Estimated Construction Cost</b>	\$44,990,757
<b>Contract Award Date</b>	January 2024
<b>Substantial Completion Date</b>	September 2026



**Project Description** This project will rehabilitate a 10,108-foot long 6'0" x 9'0" sewer, a 4,264-foot long 6'0" x 8'0" sewer, a 520-foot long 15-inch sewer, and 23 manhole structures in Kenilworth, Wilmette, and Winnetka. The project will also construct three manholes on the Evanston Intercepting Sewer No. 1 and modify DS-M105E in Evanston.

**Project Justification** The sewers were inspected by the Maintenance & Operations Department with a closed-circuit television inspection system. The video shows infiltration and concrete/metal deterioration due to hydrogen sulfide. In order to restore the hydraulic and structural integrity of the sewers, they need to be rehabilitated. The manholes and structures exhibit similar signs of deterioration and also need to be rehabilitated. Construction of new manholes along the Evanston intercepting sewer is necessary to provide access to the sewer at pipe bends and longer segments. Modifications to DS-M105E will disconnect a City of Evanston storm sewer from the combined sewer system. The storm sewer will be reconnected to an outfall to discharge stormwater to the nearest waterway.

**Project Status** Construction

## Upper Des Plaines Intercepting Sewer 11D, Ext. C Rehabilitation, NSA

**Project Number** 11-404-3S

**Service Area** North

**Location** Palatine Township, IL

**Engineering Consultant** In-house design

**Engineering Contractor** Benchmark Construction Co., Inc.

**Estimated Construction Cost** \$8,416,282

**Contract Award Date** September 2023

**Substantial Completion Date** January 2025



**Project Description** This project entails the rehabilitation of 10,828 linear feet of 36-inch sewer pipe, 24 manholes, and one connecting structure in Arlington Heights, Palatine, and Rolling Meadows.

**Project Justification** The sewers were inspected by the Maintenance & Operations Department with a closed-circuit television inspection system. The video shows infiltration and concrete/metal deterioration due to hydrogen sulfide. In order to restore the hydraulic and structural integrity of the sewers, they need to be rehabilitated. The manholes and structures exhibit similar signs of deterioration and also need to be rehabilitated.

**Project Status** Construction

## Upper Des Plaines Intercepting Sewer 11D Rehabilitation, NSA

<b>Project Number</b>	12-369-3S
<b>Service Area</b>	North
<b>Location</b>	Elk Grove Village and Mount Prospect, IL
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$7,750,000
<b>Contract Award Date</b>	April 2025
<b>Substantial Completion Date</b>	May 2026



<b>Project Description</b>	This project entails the rehabilitation of 13,460 feet of 36-inch sewer and 1,089 feet of 54-inch sewer by cured-in-place pipe lining and the rehabilitation of 42 manholes by spray-on products.
<b>Project Justification</b>	The sewer was inspected by a closed-circuit television system. The video shows infiltration and concrete/metal deterioration due to hydrogen sulfide. The manholes and structures exhibit similar signs of deterioration. In order to restore the hydraulic and structural integrity of the sewer and manholes/structure, they need to be rehabilitated.
<b>Project Status</b>	Design

## Rehabilitation of Steel Spandrel Beams of Pump and Blower House, O'Brien Water Reclamation Plant

<b>Project Number</b>	15-069-3D
<b>Service Area</b>	North
<b>Location</b>	O'Brien WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	IHC Construction Companies, LLC
<b>Estimated Construction Cost</b>	\$22,324,318
<b>Contract Award Date</b>	April 2022
<b>Substantial Completion Date</b>	June 2026



**Project Description** This project consists of rehabilitating the Pump and Blower House building roof and facade components at the O'Brien WRP. Besides protecting, rehabilitating, and structurally strengthening steel frame beams and columns embedded in the masonry wall, the scope of work includes localized roof deck rehabilitation including roof slope remediation, full roofing membrane and insulation replacement, full masonry and flashing rehabilitation at roof parapet walls, localized windows and exterior doors rehabilitation, localized tuckpointing, and other miscellaneous rehabilitation work associated or incidental to a facade/roof rehabilitation project. The District's Structural/Architectural Design Section will be working with RME, Inc., a Chicago-based consulting company. District staff will manage the rehabilitation design process, review, and approve all submitted rehabilitation documents, administer the contract, and oversee the construction. In addition, the District will manage the contract budget and payments. The project goal is to rehabilitate the Pump and Blower House roof and facade and extend the building life span for another 50 to 90 years.

**Project Justification** The Pump and Blower House has not undergone major structural rehabilitation since it was built in 1926. During its 90 years of service, the building has undergone general maintenance including reroofing, window repair, and tuckpointing. In 2013, a portion of the south parapet wall collapsed due to corrosion of the steel spandrel beams that frame the upper roof and support the parapet walls. The steel roof beams that are part of the building's vertical (gravity) and lateral (wind/seismic) loads resisting system were compromised by water infiltration. Subsequent inspection openings were made to examine the embedded steel framing, and similar damage was found around the perimeter of the building. Reinforcing the existing steel framing will extend the useful service life of the structure and prevent further damage to the existing masonry and limestone.

**Project Status** Construction

## A/B and C/D Service Tunnel Rehabilitation - Phase Three, Stickney Water Reclamation Plant, Rebid

<b>Project Number</b>	16-127-3DR
<b>Service Area</b>	Stickney
<b>Location</b>	Stickney WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	IHC Construction Companies, LLC
<b>Estimated Construction Cost</b>	\$28,992,841
<b>Contract Award Date</b>	February 2023
<b>Substantial Completion Date</b>	December 2025
<b>Project Description</b>	This project will rehabilitate approximately 1,000 feet of the A/B Service Tunnel north of column line 31 and approximately 1,000 feet of the C/D Service Tunnel north of column line 37. This project continues the scope of work from contracts 04-131-2D and 04-132-3D.
<b>Project Justification</b>	This project will address significant structural deterioration that has occurred since the tunnels were constructed approximately 80 years ago. Rehabilitating the tunnels will restore capacity, extend their service life, and prevent further damage to the utilities inside the tunnels.
<b>Project Status</b>	Construction



## Roof Replacement of the Lue-Hing M&R Complex, Stickney Water Reclamation Plant

**Project Number** 17-135-3V

**Service Area** Stickney

**Location** Stickney WRP

**Engineering Consultant** In-house design

**Engineering Contractor** IHC Construction Companies, LLC

**Estimated Construction Cost** \$11,378,716

**Contract Award Date** December 2022

**Substantial Completion Date** March 2025



**Project Description** This project will replace roof areas 1, 2, 3, 5, and 6 of the Monitoring & Research Department's laboratory at the Stickney WRP. The project scope includes a complete tear off of the existing roof membrane in the specified areas, replacement of the rooftop equipment that has exceeded its useful life, removal of obsolete rooftop equipment, and additional work associated with the Monitoring & Research Department's east addition at the Stickney WRP.

**Project Justification** The roof has reached the end of its useful life and needs to be replaced. In addition, old, disconnected, and no longer used equipment will be removed for safety considerations.

**Project Status** Construction

## Furnish and Install Odor Control System at Thornton Reservoir

**Project Number** 17-273-4P

**Service Area** Calumet

**Location** Thornton Reservoir

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$3,887,890

**Contract Award Date** November 2024

**Substantial Completion Date** October 2025



**Project Description** This project entails installing a carbon filter odor control system to treat exhaust from two dropshafts located northeast of the Thornton Reservoir at Indiana Avenue and State Street.

**Project Justification** This project will reduce the odor emissions that affect the District's neighbors and staff.

**Project Status** Design

## Mainstream TARP Pumps Rehabilitation at the Stickney Water Reclamation Plant

<b>Project Number</b>	18-144-3M
<b>Service Area</b>	Stickney
<b>Location</b>	Mainstream Pumping Station
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	IHC Construction Companies, LLC
<b>Estimated Construction Cost</b>	\$23,558,151
<b>Contract Award Date</b>	April 2021
<b>Substantial Completion Date</b>	January 2027



**Project Description** This project will completely overhaul Tunnel and Reservoir Plan Pumps 1 and 3 in the South Pump House and Pump 5 in the North Pump House of the Mainstream Pumping Station, including the associated motors and discharge cone valves and actuators, in order to restore capacity and reliability. The complete overhaul of the pump and motor involves the furnishing and installing of new parts, refurbishing existing salvageable parts, replacing motor exciter panels, and upgrading pump control components.

**Project Justification** This project will reduce the maintenance labor required, allow for better pump and motor monitoring, and improve reliability. Once the overhaul is complete, there will be a reduction in the electrical energy usage to power pumps, as the pump will operate more efficiently by being able to pump more fluid in less time. The overhaul will also extend the useful life of the pumps and motors, which have been in service since May 1985.

**Project Status** Construction



## Digester Rehabilitation and Gas Piping Replacement - Phase II, Stickney Water Reclamation Plant

<b>Project Number</b>	18-148-3P
<b>Service Area</b>	Stickney
<b>Location</b>	Stickney WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	IHC Construction Companies, LLC
<b>Estimated Construction Cost</b>	\$52,358,395
<b>Contract Award Date</b>	November 2023
<b>Substantial Completion Date</b>	January 2030
<b>Project Description</b>	This project entails the replacement of digester gas piping in which recent work uncovered extensive fouling and iron sulfide buildup. Replacement of gas piping is required to ensure safety of operations and adequate capacity to convey the additional digester gas expended from the conversion of the Imhoff Tanks to primary settling tanks. Rehabilitation and replacement of the gas mixing piping within the digesters will allow for installation of the final mixing system under a separate contract, without the need to drain the digester.
<b>Project Justification</b>	Gas piping needs to be replaced to ensure safety of operations and adequate capacity.
<b>Project Status</b>	Construction



## Furnish, Deliver, and Install Disc Filters at the Egan Water Reclamation Plant

**Project Number** 18-702-31

**Service Area** North

**Location** Egan and Hanover Park WRPs

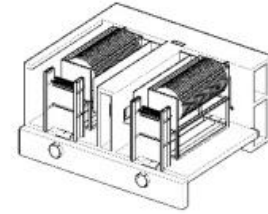
**Engineering Consultant** In-house design

**Engineering Contractor** Independent Mechanical Industries, Inc.

**Estimated Construction Cost** \$9,143,393

**Contract Award Date** March 2022

**Substantial Completion Date** January 2025



**Project Description** This project will replace three pairs of tertiary filter beds with six disc filters. In addition, the sodium bisulfite tank is being replaced. It is at the end of its useful life. Two raw sewage pumps are being rehabilitated and four raw sewage pump motors are being rehabilitated. Flow meters are being installed on the discharge of the six raw sewage pumps to verify their performance is within specifications. At the Hanover Park WRP a vault which is leaking is being rehabilitated.

**Project Justification** The designed maximum capacity of the secondary treatment is 50 million gallons per day (MGD). The maximum tertiary capacity is 44 MGD. During a backwash cycle the total tertiary capacity would drop to 34 MGD. The Egan WRP has six pairs of filter beds. Installing disc filters in filter beds 1, 2, and 6 can increase filtering capacity from 34 to 60 MGD with no loss in capacity during a backwash cycle. The disc filters will reduce the filter backwash from eight percent to less than five percent. The enclosed disc filters will reduce the midge flies in the filter building.

**Project Status** Construction

## Upgrade Wilmette Lift Station, NSA

<b>Project Number</b>	19-083-3P
<b>Service Area</b>	North
<b>Location</b>	Wilmette Lift Station
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	IHC Construction Companies, LLC
<b>Estimated Construction Cost</b>	\$1,839,000
<b>Contract Award Date</b>	March 2024
<b>Substantial Completion Date</b>	January 2025
<b>Project Description</b>	This project entails the installation of duplex pumps and the rehabilitation and/or rebuilding of the existing 20'6" x 12'0" x 18'0" underground structure.
<b>Project Justification</b>	During maintenance and repairs of the existing pump, flow is diverted to TARP. An additional pump is needed to provide continuous operation. The existing underground structure was built in 1937, and the concrete is in poor condition.
<b>Project Status</b>	Construction



## Low Voltage Switchgear Replacement, MSPS

**Project Number** 19-154-3E

**Service Area** Stickney

**Location** Mainstream Pumping Station

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$9,000,000

**Contract Award Date** September 2025

**Substantial Completion Date** July 2027

**Project Description** This project will replace six double-ended 480V switchgears (Switchgears SG-LV-SSB, SG-LV-NSB, SG-LV-ESS, SG-LV-VS, SG-LV-VN, and SG-LV-TRB) at the Mainstream Pumping Station. Each switchgear lineup consists of two 1,500 kVA, 13.2kV/480-277V transformers which will also be replaced.

**Project Justification** The electrical equipment is over 30 years old and is in poor condition. In order to avoid failure and ensure the appropriate level of service, the equipment must be replaced.

**Project Status** Design



## Boilers 3, 4, 5, and MCC Replacement, Stickney Water Reclamation Plant, Rebid

<b>Project Number</b>	19-155-3MR
<b>Service Area</b>	Stickney
<b>Location</b>	Stickney WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	Path Construction Company, Inc.
<b>Estimated Construction Cost</b>	\$21,883,980
<b>Contract Award Date</b>	May 2023
<b>Substantial Completion Date</b>	November 2026
<b>Project Description</b>	This project will install new replacement boilers that will have co-firing of digester gas and natural gas to maximize the available digester gas. Existing boilers Nos. 3, 4, and 5, and motor control centers (MCCs) are at the end of their useful lives and require excessive maintenance. A deaerator will also be installed to provide for complete redundancy. Upgrades also include the boiler chemical systems and controls, the boiler MCCs, and lighting.
<b>Project Justification</b>	This project replaces existing boilers Nos. 3, 4, and 5, and MCCs which are at the end of their useful lives and require excessive maintenance.
<b>Project Status</b>	Construction



## Chemical Addition Backup System, Stickney Water Reclamation Plant

**Project Number** 19-159-3P

**Service Area** Stickney

**Location** Stickney WRP

**Engineering Consultant** In-house design

**Engineering Contractor** IHC Construction Companies, LLC

**Estimated Construction Cost** \$8,776,938

**Contract Award Date** February 2022

**Substantial Completion Date** February 2025



**Project Description** This project will provide a secondary phosphorus removal system in the event that the biological phosphorus system is interrupted. This will allow the treatment plant to achieve compliance with the National Pollution Discharge Elimination System permit phosphorus effluent limit during any upsets with the biological process. Without a working biological removal process, the annual chemical costs are estimated to be \$11.0 million to meet the 1.0 mg/L effluent phosphorus concentration limit. The District has established a working biological phosphorus removal process at the Stickney WRP. The process has proven to be effective in achieving the 2030 phosphorus effluent requirement of 0.5 mg/L. The District believes that this system will only be used as a back-up system for unforeseen problems with the biological removal process.

**Project Justification** This project addresses the District's National Pollution Discharge Elimination System permit, which will require a 1.0 ppm effluent limit for phosphorus. The District currently employs enhanced biological phosphorus removal treatment operations and a sidestream phosphorus recovery facility to meet these limitations. At times, the phosphorus loading to the plant can result in exceedances. This new facility will allow chemical polishing to ensure that the limitations are consistently met.

**Project Status** Construction

## Rehabilitation of Pump and Blower House, CWRP

<b>Project Number</b>	19-255-3D
<b>Service Area</b>	Calumet
<b>Location</b>	Calumet WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$18,000,000
<b>Contract Award Date</b>	May 2025
<b>Substantial Completion Date</b>	April 2027



<b>Project Description</b>	<p>This project consists of rehabilitating the Pump and Blower House building roof and facade components at the Calumet WRP. Besides protecting, rehabilitating, and structurally strengthening steel frame beams and columns embedded in the masonry wall, the scope of work includes roof slope remediation, full roofing membrane and insulation replacement, masonry and flashing rehabilitation at roof parapets, localized tuckpointing, and other miscellaneous rehabilitation work associated or incidental to a facade/roof rehabilitation project. The District's Structural/Architectural Design Section will be working with RME, Inc., a Chicago-based consulting company. District staff will manage the rehabilitation design process, review and approve all submitted rehabilitation documents, administer the contract, and oversee the construction. In addition, the District will manage the contract budget and payments. The project goal is to rehabilitate the Pump and Blower House roof and facade and extend the building life span for another 50 to 90 years.</p>
<b>Project Justification</b>	<p>The envelope of the building is in poor condition. Rehabilitation is required to ensure the structural integrity and long-term operation and maintenance requirements of the building.</p>
<b>Project Status</b>	Design

### Phosphorus Removal, KWRP

**Project Number** 19-375-3P

**Service Area** North

**Location** Kirie WRP

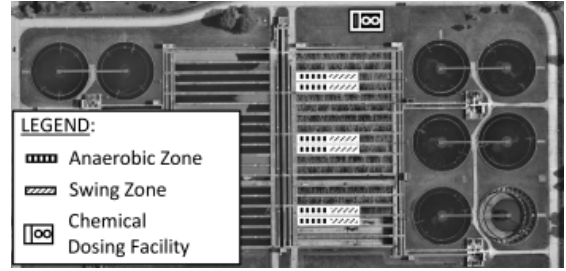
**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$10,300,000

**Contract Award Date** March 2025

**Substantial Completion Date** January 2026



**Project Description** This project includes the conversion of the six aeration tanks in Battery A to an enhanced biological phosphorus removal process by installing baffle walls, large-bubble mixers, and actuated air valves; a chemical phosphorus removal backup system, including chemical storage tanks, feed pumps, and piping; and odor control for the Coarse Screen Building, including removal of existing fans, installation of new fans, and ductwork.

**Project Justification** The Kirie WRP has a total phosphorus effluent limit of 1.0 mg/L that takes effect within five years of the effective date of the permit as part of the Lower Des Plaines Watershed Workgroup, which is currently scheduled to be in August 2026. Based on the initial results from the phosphorus removal feasibility study, the Kirie WRP will be able to meet the 1.0 mg/L total phosphorus effluent limit at its current average flow with modifications. The odor control work will effectively address the odors currently being exhausted from the Coarse Screen Building.

**Project Status** Design



## Central Boiler Facility and Electrical Updates, Hanover Park Water Reclamation Plant, Rebid

<b>Project Number</b>	19-542-3MR
<b>Service Area</b>	North
<b>Location</b>	Hanover Park WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	IHC Construction Companies, LLC
<b>Estimated Construction Cost</b>	\$14,046,353
<b>Contract Award Date</b>	November 2021
<b>Substantial Completion Date</b>	September 2025



**Project Description** This project will remove two natural gas boilers and provide five new boilers (two natural gas and three digester gas/natural gas) in the Pump and Blower Building. Five digester gas/natural gas boilers will be removed from the Digester Complex. All associated mechanical piping, electrical, control, civil, and structural work needed to provide hot water for process and building heating demands will be completed. Replace digester gas piping and remove and replace all electrical equipment, such as motor control center, motors, conduit, gas alarm system, fire alarm system, lighting, etc., with explosion-proof equipment in the classified areas to meet National Fire Protection Association 820 requirements.

**Project Justification** This project replaces the boilers in the Digester Complex which are 10 to 20 years old and do not perform properly, as the control systems are not reliable (due to hydrogen sulfide gas-related corrosion) and need to be removed to comply with National Fire Protection Association 820 requirements. Centralized boiler operation will maximize the use of available digester gas. Existing electrical equipment in the Digester Complex does not meet the National Fire Protection Association 820 requirement and needs to be replaced with explosion-proof rated equipment or relocated to an unclassified location. The natural gas boilers in the Pump and Blower Building are more than 35 years old, parts are no longer supported by the original equipment manufacturer, and procuring the replacement parts has been increasingly difficult and costly. Also, the State of Illinois Boiler Inspector recommended the boilers be operated in low fire only, due to their poor conditions.

**Project Status** Construction

## TARP Control System Replacement, CSA, NSA, SSA

**Project Number** 19-856-3E

**Service Area** Calumet, North, and Stickney

**Location** Calumet, North, and Stickney WRPs

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$25,000,000

**Contract Award Date** October 2025

**Substantial Completion Date** February 2027

**Project Description** This project entails the replacement of the communication and control system for TARP control structures throughout the District. Line of sight radio communications are to be replaced with secure cellular network communications. The existing controllers at TARP control structures and reporting sites are to be replaced and reconfigured to communicate with cellular transmission. This project will provide distributed control system upgrades at the Lockport Powerhouse.

**Project Justification** The control system equipment is no longer available. In order to avoid failure and ensure the appropriate level of service, the equipment must be replaced.

**Project Status** Design



## Chemical Phosphorus Removal, OWRP

**Project Number** 20-087-3P

**Service Area** North

**Location** O'Brien WRP

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$14,000,000

**Contract Award Date** January 2025

**Substantial Completion Date** December 2026



**Project Description** This project will provide a chemical phosphorus removal system at the O'Brien WRP. Aluminum sulfate (alum) is the chemical that will be used to remove phosphorus from the treatment process. It will be dosed at the influent to the primary tanks and at the effluent channel of aeration tanks in Batteries A, B, C, and D. Once Battery E is constructed, alum will also be dosed to its final tanks. The project will include chemical storage tanks and alum feed pumps as well as piping, instruments, and electrical work. Chemical phosphorus removal will be used as a back-up for the future enhanced biological phosphorus removal process in Batteries A, B, C, D and E.

**Project Justification** This project addresses the District's National Pollutant Discharge Elimination System (NPDES) permit, which will require a 1.0 mg/L effluent limit for phosphorus by 2027. The chemical removal system will allow the O'Brien WRP to achieve compliance with the NPDES permit phosphorus effluent limit during any upsets with the future enhanced biological phosphorus removal process in Batteries A, B, C, D and in the future Battery E. The process has proven to be effective in achieving the 2030 phosphorus effluent requirement of 0.5 mg/L. This new facility will allow chemical polishing to ensure that the effluent phosphorus limitations in the NPDES permit are consistently met.

**Project Status** Design

## TARP Mainstream Dropshaft DS-M73E at Armitage Avenue, SSA

**Project Number** 20-160-4H

**Service Area** Stickney

**Location** Chicago, IL

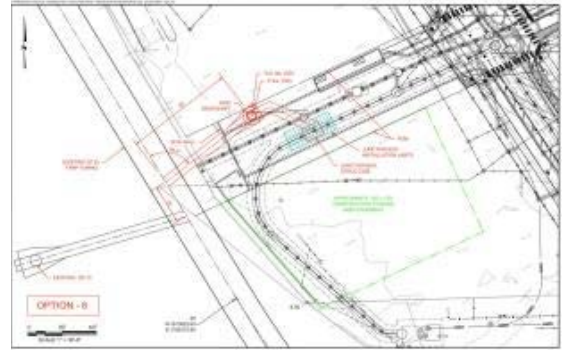
**Engineering Consultant** Stantec Consulting Services, Inc.

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$12,600,000

**Contract Award Date** April 2025

**Substantial Completion Date** March 2026



**Project Description** This project includes constructing a connecting sewer and TARP dropshaft which will connect to the existing Mainstream Tunnel at approximately Armitage Avenue and the Chicago River. The overflow structure to be built by the City of Chicago on a new sewer will divert stormwater flow to the dropshaft. The new shaft will be constructed within the right-of-way of the proposed extension of Armitage Avenue.

**Project Justification** Recent modeling has shown that three combined sewer outfalls located on the east bank of the Chicago River between Webster Avenue and McLean Avenue discharge combined sewer overflow into the river in storms exceeding a six-month storm event. Flow from the municipal sewers connected to all three outfalls is conveyed by the West Side Intersecting Sewer 9. The capacity of the West Side Intersecting Sewer 9 is limited in storm events by a siphon under the river. The new dropshaft will convey storm flows to the Mainstream Tunnel upstream of the siphon to minimize combined sewer overflows at these three locations while there is still capacity in TARP.

**Project Status** Design

### Salt Creek Intercepting Sewer No. 3 Rehabilitation, SSA

**Project Number** 20-161-3S

**Service Area** Stickney

**Location** Brookfield and La Grange Park, IL

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$17,000,000

**Contract Award Date** November 2024

**Substantial Completion Date** May 2026

**Project Description** This project consists of rehabilitating 10,681 feet of 42-inch by 60-inch diameter concrete sewer pipe, as well as 4,410 feet of 36-inch diameter concrete sewer pipe by the cured-in-place pipe lining and/or the slip lining method, filling large voids and holes in the sewer invert, and rehabilitating 31 manholes.

**Project Justification** The sewers were inspected by the Maintenance & Operations Department with a closed-circuit television inspection system and via man entry. The inspection showed cracks (circular and longitudinal), sewage solid deposits, voids, missing concrete, offset joints, root intrusion, infiltration, and concrete erosion. Physical inspection of the manholes revealed cracks and holes in the walls and bases of the manholes.

**Project Status** Design



## West Side Intercepting Sewer No. 2 Rehabilitation, SSA

**Project Number** 20-162-3S

**Service Area** Stickney

**Location** Chicago, IL

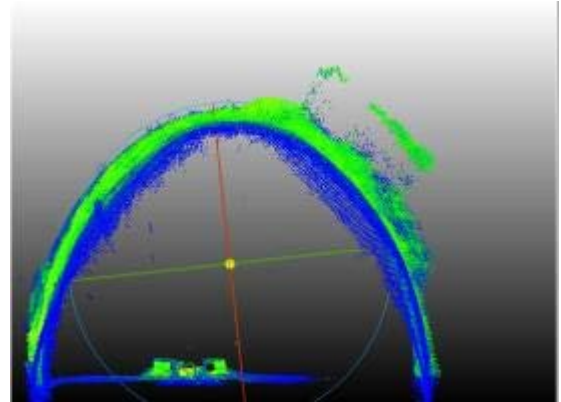
**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$3,000,000

**Contract Award Date** October 2025

**Substantial Completion Date** March 2027



**Project Description** This project entails the rehabilitation of West Side Intercepting Sewer No. 2 which has been found to have multiple holes. The areas with holes have been identified and quantified using multi-sensor inspection. All of the major defects and the area surrounding the defects will be rehabilitated.

**Project Justification** West Side Intercepting Sewer No. 2 is a main sewer feed into the Stickney WRP. The sewer also runs under major roadways and the Cook County Department of Corrections facility near 28th Street and South California Avenue in Chicago. Failure of this line could cause significant damage to surrounding areas.

**Project Status** Design

## Furnish, Deliver, and Install Coarse Screens, SWRP

<b>Project Number</b>	20-903-31
<b>Service Area</b>	Stickney
<b>Location</b>	Stickney WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	IHC Construction Companies, LLC
<b>Estimated Construction Cost</b>	\$4,188,423
<b>Contract Award Date</b>	May 2021
<b>Substantial Completion Date</b>	March 2025



**Project Description** This project entails the removal of existing climber-style southwest coarse screens at the Stickney WRP and installation of new chain and sprocket-style coarse screens.

**Project Justification** The southwest coarse screens at the Stickney WRP protect the main sewage pumps in the Pump and Blower Building from debris in the influent flow. The current climber-style screens have a number of issues. The hydraulic systems for each coarse screen have caused frequent failures and the annual maintenance costs for the screens are exceedingly high. Also, the coarse screens see heavy debris and the bar screen spacing is too fine for this application. Because of this, the screens are frequently "blinded" due to the extended cycle time required for climber screens. This causes additional maintenance costs as well as issues with the operation of the main sewage pumps downstream of the screens. This project will replace the existing southwest coarse screens with more heavy-duty, reliable, chain and sprocket-style screens and significantly reduce maintenance costs and operational issues caused by the current coarse screens.

**Project Status** Construction



## Phosphorus Removal Modifications to Battery D, O'Brien Water Reclamation Plant

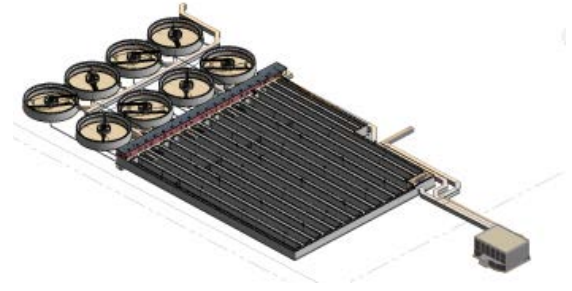
<b>Project Number</b>	21-091-3P
<b>Service Area</b>	North
<b>Location</b>	O'Brien WRP
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	IHC Construction Companies, LLC
<b>Estimated Construction Cost</b>	\$15,310,592
<b>Contract Award Date</b>	June 2023
<b>Substantial Completion Date</b>	July 2025
<b>Project Description</b>	This project will include pumps (including a new pump building to house return activated sludge pumps), piping, mixers, and baffles to support side stream enhanced biological phosphorus removal in Battery D at the O'Brien WRP.
<b>Project Justification</b>	Per the compliance schedule in the National Pollutant Discharge Elimination System permit, the O'Brien WRP must install biological phosphorus removal in all batteries by July 31, 2025 to meet a new total phosphorus effluent limit of 1.0 mg/L beginning August 1, 2027. Side stream enhanced biological phosphorus removal through return activated sludge fermentation will be used to meet these new limits. The fermentation of return activated sludge in this process encourages the growth of phosphorus-accumulating organisms, stabilizes phosphorus removal, and allows for greater phosphorus removal under less favorable influent conditions.
<b>Project Status</b>	Construction





### Battery E Activated Sludge Facility, OWRP

<b>Project Number</b>	21-092-3P
<b>Service Area</b>	North
<b>Location</b>	O'Brien WRP
<b>Engineering Consultant</b>	AECOM Technical Services
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$367,750,800
<b>Contract Award Date</b>	June 2025
<b>Substantial Completion Date</b>	February 2028



**Project Description** This project will construct a new activated sludge facility entitled Battery E, which shall consist of an aeration tank battery, return activated sludge fermenter tank, final settling tanks, operating gallery building, influent and effluent conduits, post aeration channel, utility tunnel, and all other supporting infrastructure.

**Project Justification** Per the National Pollutant Discharge Elimination System permits for the O'Brien WRP, the District must meet a new 1.0 mg/L monthly average total phosphorus effluent limit beginning August 1, 2027, and a 0.5 mg/L annual geometric mean total phosphorus effluent limit by January 1, 2030. Sidestream enhanced biological phosphorus removal through return activated sludge fermentation will be used to meet these new limits. The addition of sidestream enhanced biological phosphorus removal will decrease aeration volume and existing capacity by almost 16 percent by converting existing aeration tankage to return activated sludge fermentation tanks. Therefore, a new activated sludge aeration battery, Battery E, is required to make up for the lost aeration volume. Battery E will also allow for more extensive rehabilitation of existing Batteries A, B, and C, which are nearing 100 years old, to ensure continued operation of the O'Brien WRP for another 100 years.

**Project Status** Design

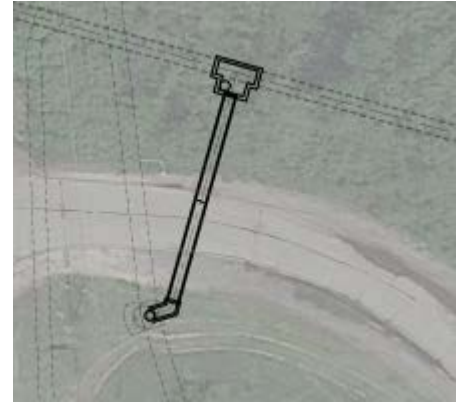
## Westchester Pumping Station Relief Sewer, SSA

<b>Project Number</b>	21-168-3S
<b>Service Area</b>	Stickney
<b>Location</b>	Westchester, IL
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	Rausch Infrastructure, LLC
<b>Estimated Construction Cost</b>	\$6,776,716
<b>Contract Award Date</b>	December 2023
<b>Substantial Completion Date</b>	July 2025
<b>Project Description</b>	This project entails the installation of a 45-inch diameter sewer in order to provide relief to the Berkley-Hillside Intercepting Sewer and Broadview-Bellwood Intercepting Sewer during wet weather by diverting flow to the Roosevelt Road leg of TARP at DS-D34-AI.
<b>Project Justification</b>	The Westchester Pumping Station was constructed in 1951 to provide relief to both the Berkley-Hillside Intercepting Sewer and the Broadview-Bellwood Intercepting Sewer. The Westchester Pumping Station relieves the intercepting sewer by discharging combined sewer overflow into Addison Creek. The construction of the proposed sewer should reduce the frequency of combined sewer overflow events in Addison Creek by diverting the flow to the Roosevelt Road leg of TARP at DS-D34-AI.
<b>Project Status</b>	Construction



### Calumet 18E Relief Connecting Structure and Sewer Work, CSA

<b>Project Number</b>	21-262-3S
<b>Service Area</b>	Calumet
<b>Location</b>	Alsip, IL
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	Rausch Infrastructure, LLC
<b>Estimated Construction Cost</b>	\$3,108,314
<b>Contract Award Date</b>	December 2022
<b>Substantial Completion Date</b>	April 2025
<b>Project Description</b>	This project consists of one new connecting structure, 100 linear feet of 48-inch diameter concrete sewer, one new connection to an existing access manhole, and the installation of a louver system in an existing access manhole.
<b>Project Justification</b>	This project entails the construction of a 48-inch diameter sewer and connection structure in order to provide relief to the Calumet Intercepting Sewer 18F ext. A, Calumet Intercepting Sewer 18F, Calumet Intercepting Sewer 18E, and the Palos Hills Pumping Station during wet weather by diverting flow to the 78-inch Calumet Intercepting Sewer 20R-2.
<b>Project Status</b>	Construction



## Sludge Pumping Improvements, Various Locations

<b>Project Number</b>	21-603-31
<b>Service Area</b>	Calumet, North, and Stickney
<b>Location</b>	Calumet, O'Brien, and Stickney WRPs
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	Independent Mechanical Industries, Inc.
<b>Estimated Construction Cost</b>	\$8,594,678
<b>Contract Award Date</b>	April 2022
<b>Substantial Completion Date</b>	April 2025



**Project Description** This project will furnish, deliver, and install non-clog centrifugal pumps to replace existing screw-centrifugal pumps in the waste activated and primary sludge pumping streams at the Stickney WRP, higher capacity sludge pumping systems at the O'Brien WRP, and variable frequency drives for selected pumping systems at the Calumet WRP.

**Project Justification** The existing sludge pumps at the Stickney WRP do not provide reliable pumping. Installation of various non-clog centrifugal pumps will restore reliable pumping capacity for the separated sludge streams now in place throughout the plant. The pumping systems at the Calumet and O'Brien WRPs require additional variable speed pumping capability.

**Project Status** Construction

## Rehabilitation of Elevated Deck and Boat Dock at North Branch Pumping Station, NSA

<b>Project Number</b>	22-094-3D
<b>Service Area</b>	North
<b>Location</b>	North Branch Pumping Station
<b>Engineering Consultant</b>	In-house design
<b>Engineering Contractor</b>	Path Construction Company, Inc.
<b>Estimated Construction Cost</b>	\$22,593,795
<b>Contract Award Date</b>	March 2024
<b>Substantial Completion Date</b>	August 2026



**Project Description** This project will replace deteriorated exterior concrete decking, stairs, boat dock, and balustrades at the North Branch Pumping Station and will also replace flap gates at nearby Dropshaft DS-91.

**Project Justification** The North Branch Pumping Station is nearly 100 years old and structural rehabilitation is required to address deterioration of the exterior elevated concrete deck, boat dock, and boat dock stairs. Upon completion of the structural rehabilitation, new cast stone balustrade and light pylons will be installed. The project will also replace the flap gates at the nearby connecting structure to Dropshaft DS-91.

**Project Status** Construction

## Overburden Removal at Location of Battery E, OWRP

**Project Number** 23-098-3P

**Service Area** North

**Location** O'Brien WRP

**Engineering Consultant** In-house design

**Engineering Contractor** Berger Excavating Contractors, Inc

**Estimated Construction Cost** \$7,384,250

**Contract Award Date** September 2024

**Substantial Completion Date** October 2025



**Project Description** This project will remove the overburden soil pile at the southwest corner of the O'Brien WRP that needs to be removed to prepare the site for construction of a new battery. The soil pile covers approximately 10 acres, and its volume is approximately 120,000 cubic yards. A portion of the soil includes some contamination that will require hauling to a contaminated soil disposal/remediation facility.

**Project Justification** To meet the upcoming new effluent phosphorus limit, a new Battery E is planned to be constructed at the southwest corner of the O'Brien WRP. There is an overburden soil pile at that site location that needs to be removed prior to construction of the new battery. Removal of the overburden will shorten construction time for Battery E and allow existing soils to be better evaluated for foundation design.

**Project Status** Construction

## Southwest Side Intercepting Sewer No. 15, 16, and 17B Rehabilitation, SSA

**Project Number** 23-173-3S

**Service Area** Stickney

**Location** Stickney Service Area

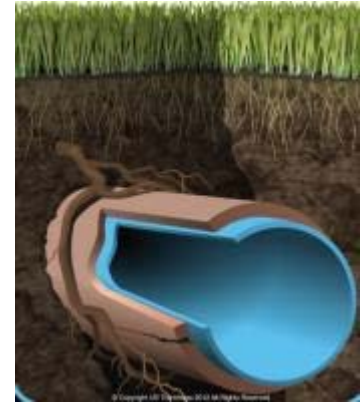
**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$12,000,000

**Contract Award Date** October 2025

**Substantial Completion Date** May 2027



**Project Description** This project entails the rehabilitation of Southwest Side No. 15 intercepting sewer for 3,333 linear feet of 27-inch diameter sewer pipe, 182 linear feet of 54-inch diameter sewer pipe and 12 manholes in the Village of Hodgkins and Township of Lyons. This project also entails the rehabilitation of Southwest Side No. 16 intercepting sewer for 5,269 linear feet of 24-inch diameter sewer pipe and 13 manholes in the Village of Hodgkins. Finally, this project entails the rehabilitation of Southwest Side No. 17B intercepting sewer for 2,118 feet of 24-inch diameter sewer pipe, 2,242 feet of 54-inch diameter sewer pipe, 347 feet of 54-inch diameter sewer pipe, and four manholes.

**Project Justification** The sewers were inspected by the Engineering Department with a closed-circuit television inspection system. The video shows infiltration and concrete/metal deterioration due to hydrogen sulfide. In order to restore the hydraulic and structural integrity of the sewers, they need to be rehabilitated. The manholes and structures exhibit similar signs of deterioration and also need to be rehabilitated.

**Project Status** Design

## Switchgear and Motor Control Center Replacement, KWRP

**Project Number** 23-379-3E

**Service Area** North

**Location** Kirie WRP

**Engineering Consultant** Greeley & Hansen

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$12,000,000

**Contract Award Date** January 2025

**Substantial Completion Date** January 2026



**Project Description** This project will replace medium voltage switchgear M11, eight motor control centers and metering for substations and ground fault detectors and arc flash mitigation at the Majewski Reservoir.

**Project Justification** The electrical equipment is over 30 years old and is in poor condition. In order to avoid failure and ensure the appropriate level of service, the equipment must be replaced. Switchgear M11 will have the ability to transfer buses. Currently, bus transfer can only be done at the Commonwealth Edison-owned transfer switch, which requires costly upkeep.

**Project Status** Design



## North Side Sludge Pipeline Replacement - Section 2, OWRP

**Project Number** 24-098-3S

**Service Area** North

**Location** O'Brien WRP

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$2,000,000

**Contract Award Date** May 2025

**Substantial Completion Date** May 2026



**Project Description** This project will make improvements within the O'Brien WRP from the Process Control Building to Structure A, including the demolition of approximately 330 linear feet of existing 18-inch ductile iron force main and approximately 55 linear feet of existing 14-inch ductile iron force main, and the construction of approximately 330 linear feet of 20-inch ductile iron force main and approximately 55 linear feet of 16-inch ductile iron force main.

**Project Justification** The existing force main pipelines and associated piping, casings, reducers, splices, supports, and process piping from the Process Control Building to Structure A are deteriorated and have reached their designed service life. The existing force main pipelines are in need of upgrades and improvements in order to meet design capacity and daily outputs.

**Project Status** Design

## North and South Guard Valve Chambers Shotcrete Lining Rehabilitation, MSPS

<b>Project Number</b>	24-176-3H
<b>Service Area</b>	Stickney
<b>Location</b>	Mainstream Pumping Station
<b>Engineering Consultant</b>	Stantec Consulting Services, Inc.
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$3,000,000
<b>Contract Award Date</b>	September 2025
<b>Substantial Completion Date</b>	August 2027



**Project Description** This project will rehabilitate shotcrete lining, replace the Dewatering Building metal staircase, and deteriorating utilities within the North and South Guard Valve Galleries and the Distribution Chamber Shaft at the Mainstream Pumping Station.

**Project Justification** Inspection of the North and South Guard Valve gallery and Distribution Chamber Shaft took place on April 5, 2023. Within the Distribution Chamber Shaft, existing steel plates along the vertical walls are showing signs of corrosion. The steel plates are brittle to the touch and easily shear off with minor force. Groundwater infiltration was also observed along the shaft walls near the elevator. Within the North and South Guard Valve gallery, existing shotcrete walls are showing signs of cracks and missing sections exposing the natural limestone walls. Existing steel conduits running near the vertical walls are showing signs of corrosion possibly due to water infiltration from the weep holes. Existing HVAC ductwork running along the Gallery ceiling are showing signs of peeling paint throughout. In addition, the Dewatering Building staircase is in disrepair and needs replacement.

**Project Status** Design

## Install Pipe Casing and Utilities Under Rail Road Tracks to Dewatering Facility, CWRP

**Project Number** 24-269-3P

**Service Area** Calumet

**Location** Calumet WRP

**Engineering Consultant** In-house design

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$12,000,000

**Contract Award Date** October 2025

**Substantial Completion Date** January 2027



**Project Description** This project will install new pipe casing and utilities, including digested sludge, centrate, city water, effluent water, digester gas, communications, and electrical service from the main Calumet campus to the area of the Centrifuge Dewatering Building. Concrete structures at both ends will allow for future tie-ins at the main campus and dewatering campus.

**Project Justification** The Chicago Transit Authority (CTA) is extending their Red Line route to 130th Street. CTA tracks will parallel existing South Shore tracks in this location. Existing utilities to the Centrifuge Dewatering Building are in poor condition and cannot be reused. This project should be complete prior to the CTA installing their tracks and equipment. Sludge dewatering will be completed under a separate project.

**Project Status** Design

## Rehabilitation of Service Tunnel Expansion Joints and Replacement of Road E, KWRP

<b>Project Number</b>	24-384-3D
<b>Service Area</b>	North
<b>Location</b>	Kirie WRP
<b>Engineering Consultant</b>	Rubinos and Messia Engineers, Inc.
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$4,500,000
<b>Contract Award Date</b>	February 2025
<b>Substantial Completion Date</b>	October 2027

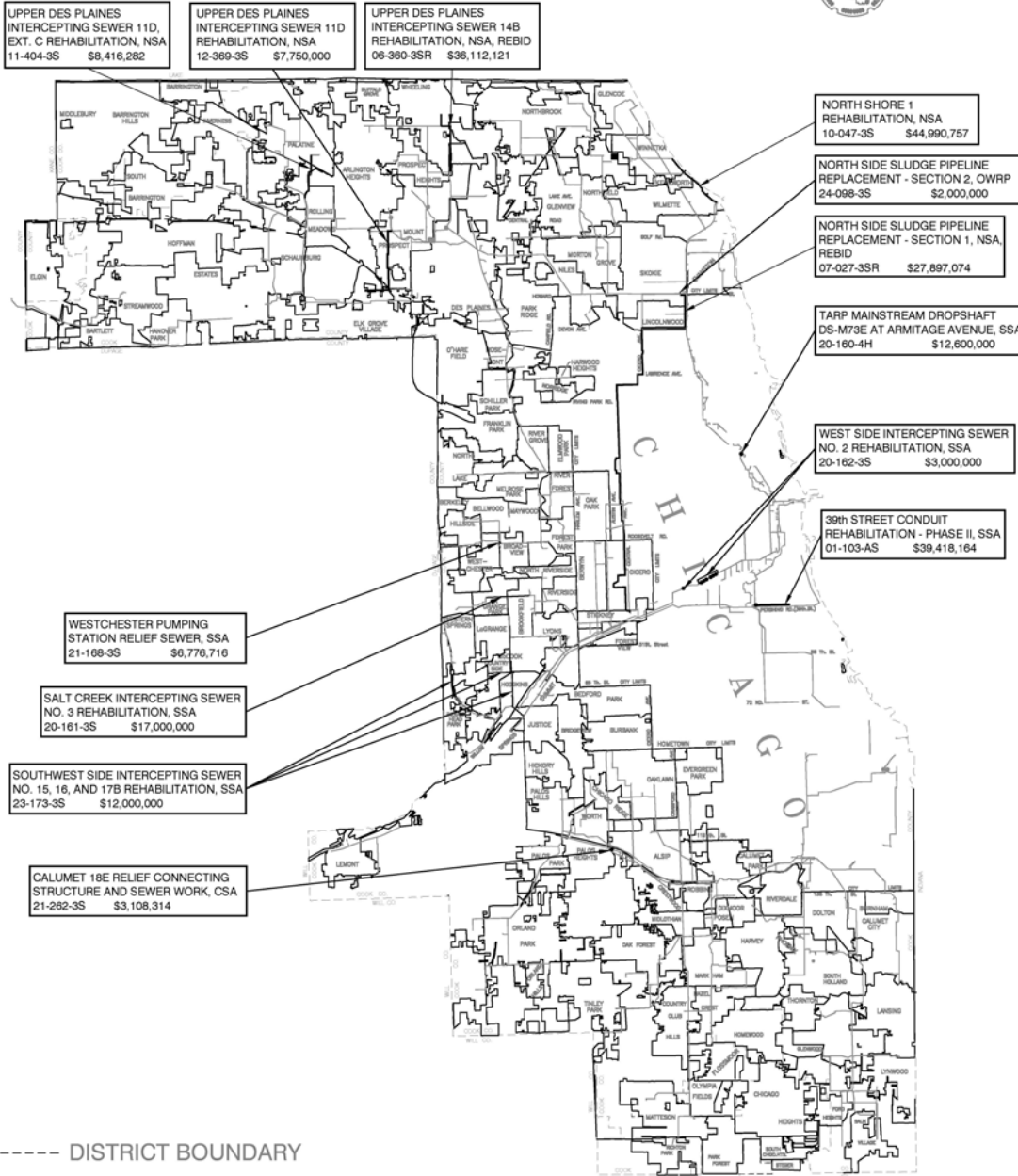


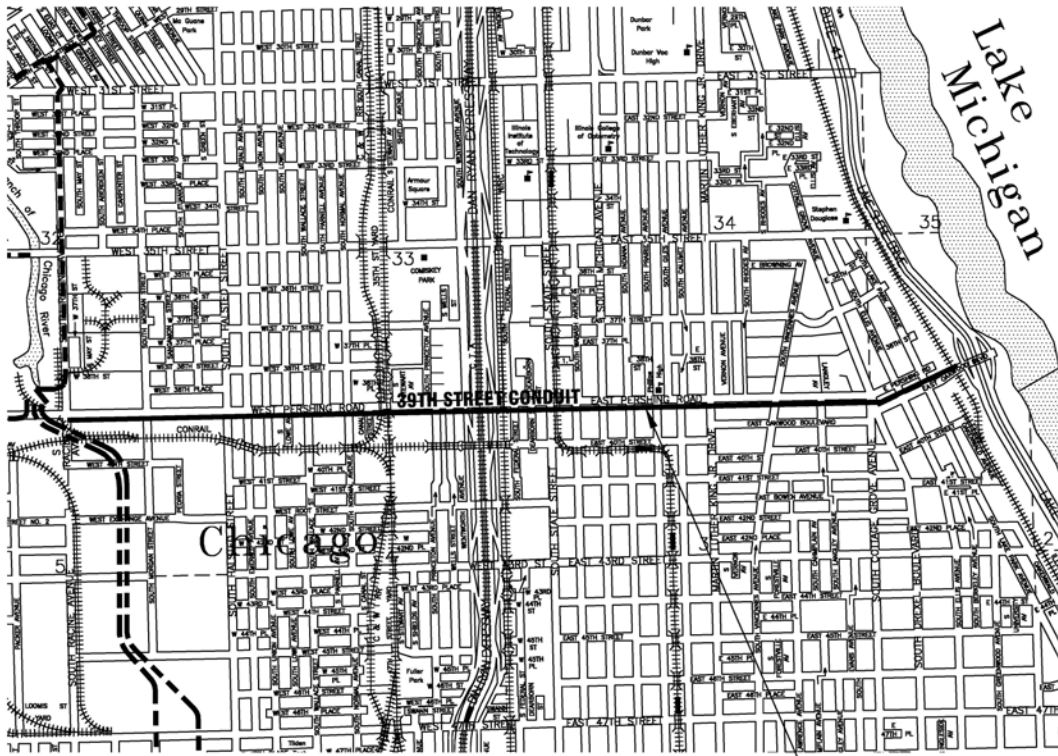
**Project Description** This project will repair deteriorated tunnel expansion joints and provide other concrete repairs in the tunnels. Road "E" will also be removed and replaced.

**Project Justification** The service tunnels at the Kirie WRP are approximately 50 years old and were built as a part of the original plant construction. Over time, a number of tunnel expansion joints have deteriorated and leaking cracks have developed in the tunnel walls and slabs. The tunnels/galleries and associated utilities are essential to each water reclamation plant's functionality and need to remain operational indefinitely. Repairing the deteriorated expansion joints and cracks will eliminate water infiltration, thereby extending the useful life of the tunnels and preventing damage to the utilities. Road "E" will also be removed and replaced.

**Project Status** Design

### SEWER DESIGN PROJECT MAP 2025





LOCATION MAP

39th STREET CONDUIT REHABILITATION - PHASE II, SSA  
 REHABILITATION OF 367 FEET OF 24' X 27' SEMI-ELLIPTIC CONCRETE  
 SEWER, 2,466 FEET OF 22' X 23' SEMI-ELLIPTIC CONCRETE SEWER, 459  
 FEET OF 12' X 16' DOUBLE BARREL CONCRETE SEWER, 10 CONNECTING  
 STRUCTURES, AND SIX MANHOLES; AND REPLACEMENT OF A DAMAGED  
 FLAP GATE IN A CONNECTING STRUCTURE  
 COST: \$39,418,164

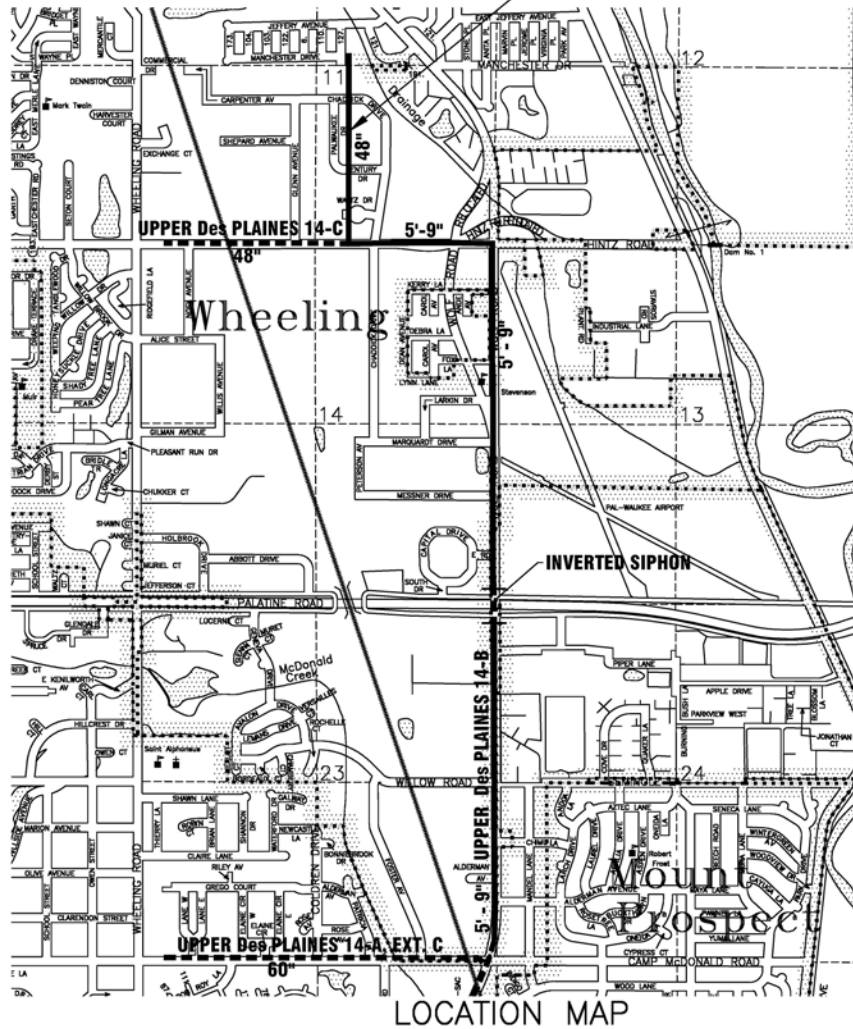
**LEGEND:**

- = SEWER TO BE REHABILITATED
- - - -** = EXISTING SEWER

**39th STREET CONDUIT REHABILITATION - PHASE II, SSA  
 CONTRACT 01-103-AS**



UPPER DES PLAINES INTERCEPTING SEWER 14B  
 REHABILITATION, NSA, REBID  
 2,888 FEET OF 48-INCH DIAMETER SEWER  
 11,908 FEET OF 69-INCH DIAMETER SEWER  
 28 MANHOLES/STRUCTURES  
 ABANDONING ONE OFFSET MANHOLE  
 ABANDONING PART OF A CONTROL STRUCTURE  
 ABANDONING 85 FEET OF 3'6" x 4'6" SEWER  
 COST: \$36,112,121



**LEGEND:**

- = SEWER TO BE REHABILITATED
- ..... = EXISTING SEWER

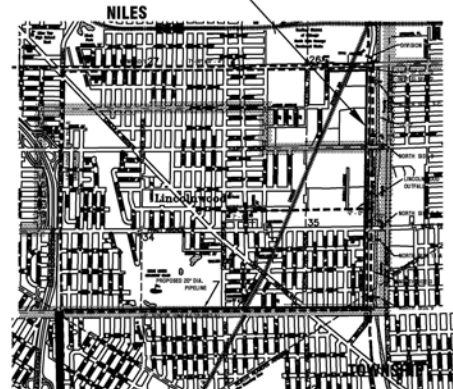
**UPPER DES PLAINES INTERCEPTING SEWER 14B REHABILITATION, NSA, REBID  
 CONTRACT 06-360-3SR**



N  
 NORTH SIDE SLUDGE PIPELINE REPLACEMENT - SECTION 1, NSA, REBID  
 19,000 FEET OF 20-INCH DIAMETER FORCE MAIN  
 AIR RELIEF, BLOW OFF AND CLEANOUT STRUCTURES  
 REHABILITATION OF 43 STRUCTURES  
 COST: \$27,897,074



LOCATION MAP



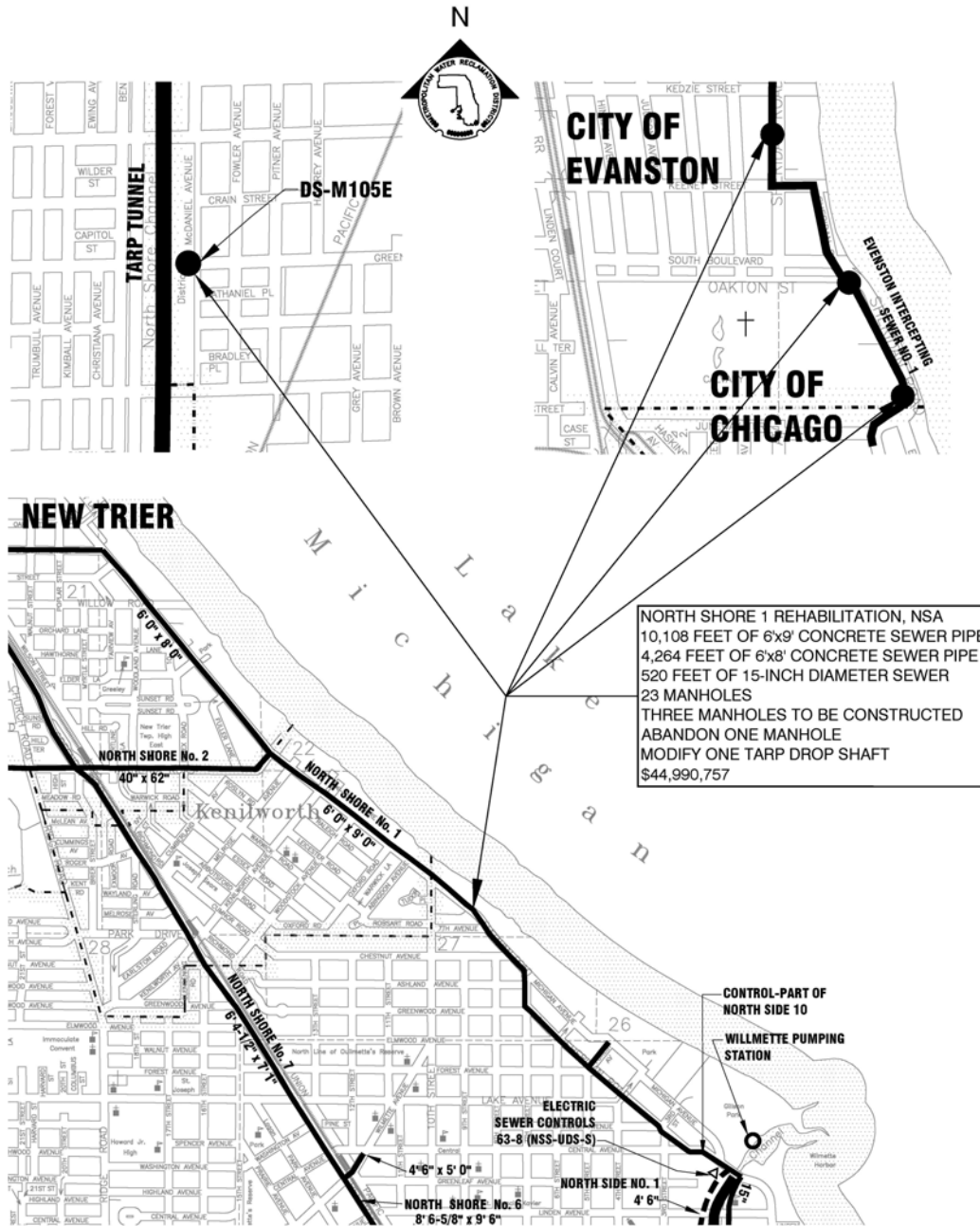
LOCATION MAP

LEGEND:

- = SEWER TO BE REHABILITATED
- .....** = EXISTING SEWER

**NORTH SIDE SLUDGE PIPELINE REPLACEMENT - SECTION 1, NSA, REBID  
 CONTRACT 07-027-3SR**





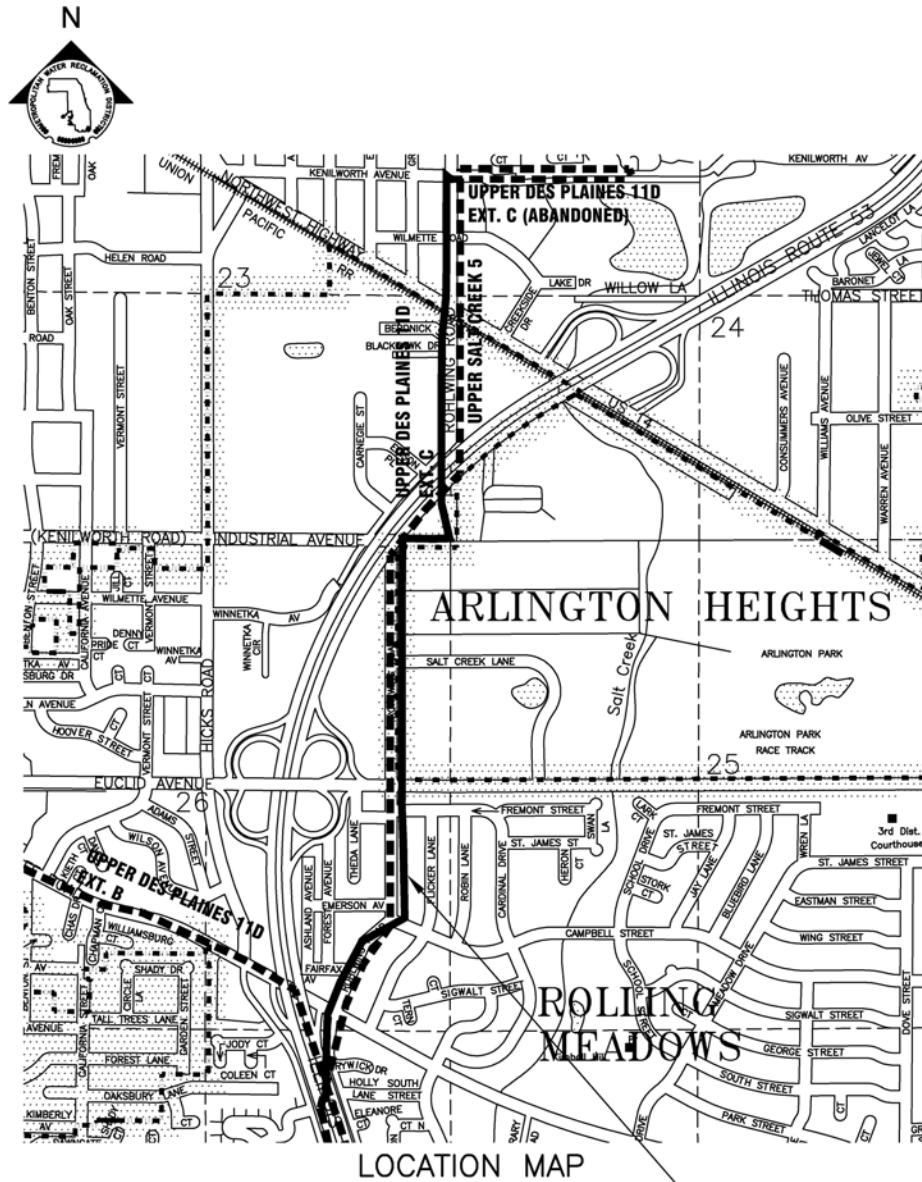
NORTH SHORE 1 REHABILITATION, NSA  
 10,108 FEET OF 6'x9' CONCRETE SEWER PIPE  
 4,264 FEET OF 6'x8' CONCRETE SEWER PIPE  
 520 FEET OF 15-INCH DIAMETER SEWER  
 23 MANHOLES  
 THREE MANHOLES TO BE CONSTRUCTED  
 ABANDON ONE MANHOLE  
 MODIFY ONE TARP DROP SHAFT  
 \$44,990,757

LOCATION MAP

**LEGEND:**

- = SEWER TO BE REHABILITATED
- .....** = EXISTING SEWER

**NORTH SHORE 1 REHABILITATION, NSA  
 CONTRACT 10-047-3S**



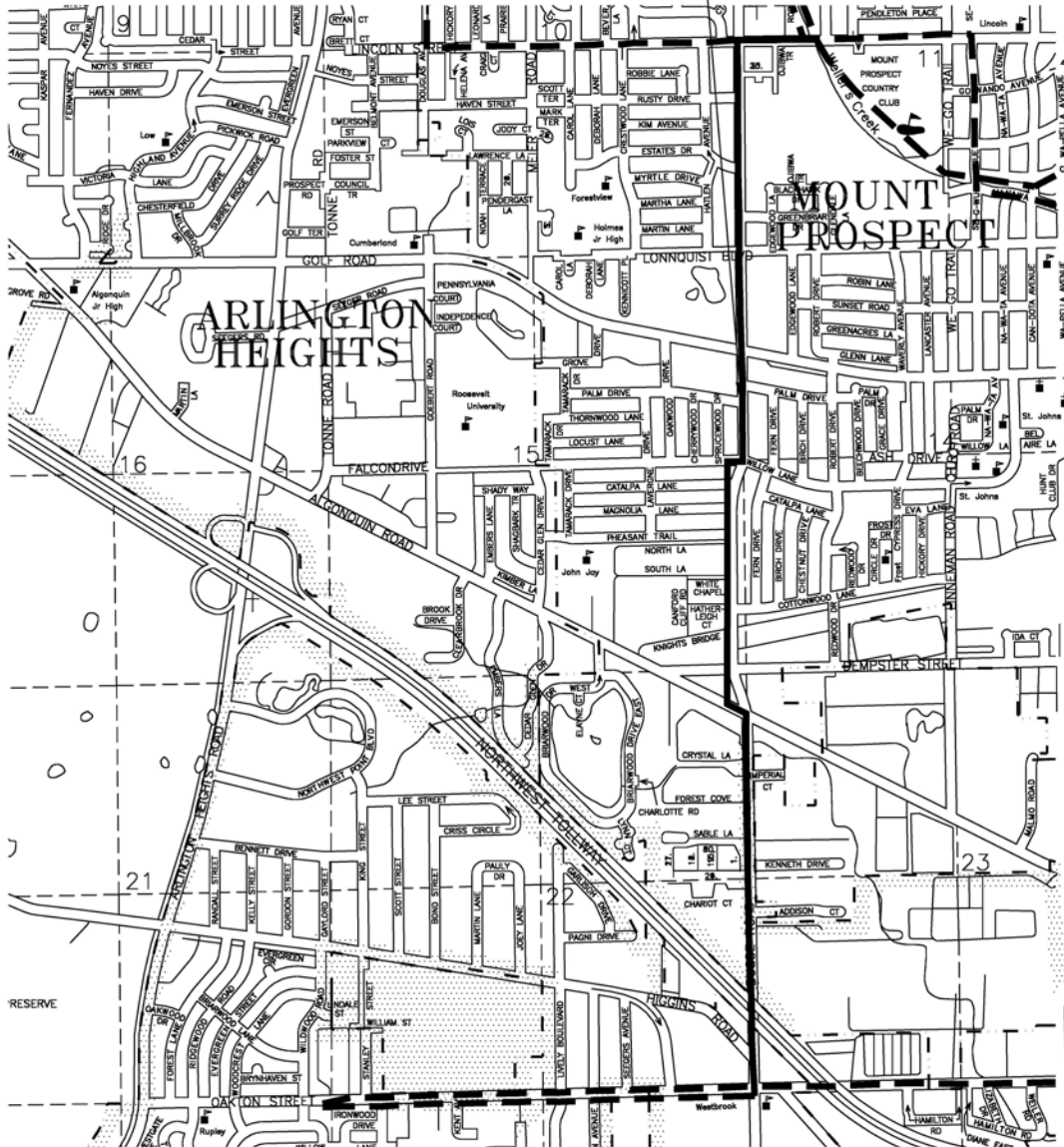
UPPER DES PLAINES INTERCEPTING SEWER 11D, EXT. C REHABILITATION, NSA 10,828 FEET OF 36-INCH DIAMETER SEWER 24 MANHOLES AND ONE CONNECTING STRUCTURE COST: \$8,416,282

**LEGEND:**

- = SEWER TO BE REHABILITATED
- - - - = EXISTING SEWER

**UPPER DES PLAINES INTERCEPTING SEWER 11D, EXT. C REHABILITATION, NSA CONTRACT 11-404-3S**

UPPER DES PLAINES INTERCEPTING SEWER 11D  
 REHABILITATION, NSA  
 13,460 FEET OF 36-INCH DIAMETER SEWER  
 1,089 FEET OF 54-INCH DIAMETER SEWER  
 42 MANHOLES  
 COST: \$7,750,000



LOCATION MAP

**LEGEND:**

- = SEWER TO BE REHABILITATED
- - -** = EXISTING SEWER

**UPPER DES PLAINES INTERCEPTING SEWER 11D REHABILITATION, NSA  
 CONTRACT 12-369-3S**



TARP MAINSTREAM DROPSHAFT DS-M73E AT ARMITAGE AVENUE, SSA  
CONSTRUCTION OF A 7'2" DIAMETER CONCRETE LINED DROPSHAFT  
256-FEET DEEP, CONNECTING SEWER AND LIVE CONNECTION TO  
THE MAINSTREAM TARP TUNNEL.  
COST: \$12,600,000



LOCATION MAP

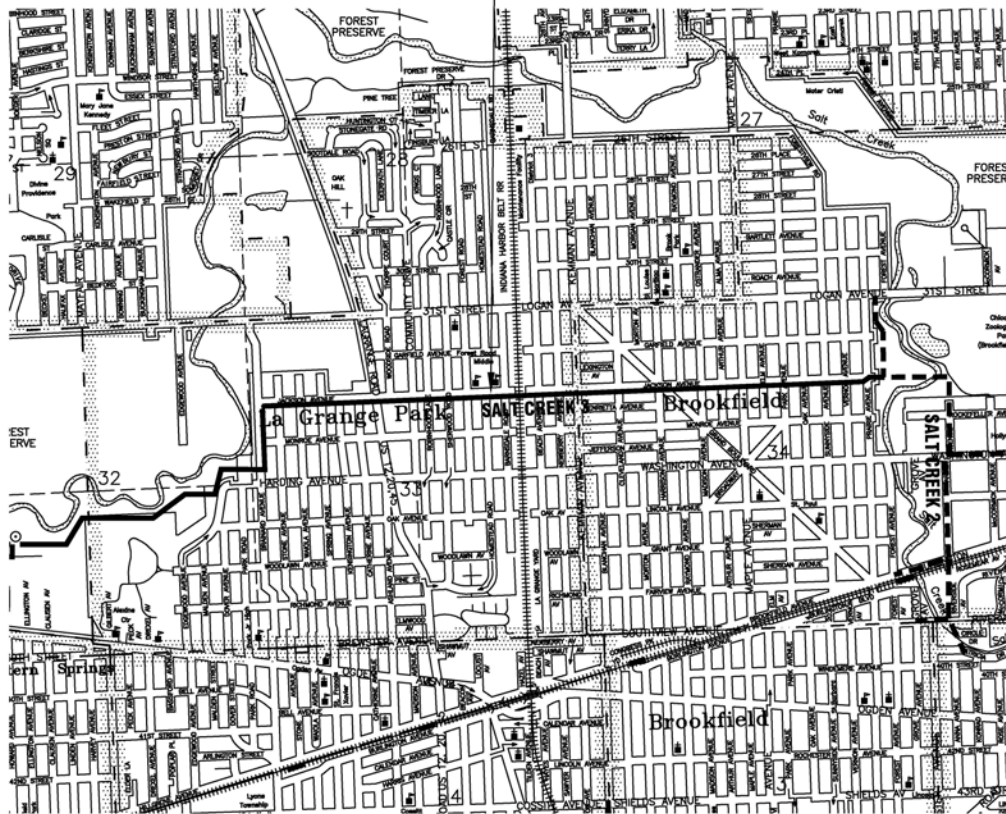
LEGEND:

- = PROPOSED DROP SHAFT
- = EXISTING SEWER

**TARP MAINSTREAM DROPSHAFT DS-M73E AT ARMITAGE AVENUE, SSA  
CONTRACT 20-160-4H**



SALT CREEK INTERCEPTING SEWER NO. 3 REHABILITATION, SSA  
 10,681 FEET OF 42"x60" CONCRETE SEWER PIPE  
 4,410 FEET OF 36-INCH DIAMETER CONCRETE SEWER PIPE  
 31 MANHOLES  
 FILLING VOIDS IN SEWER INVERT  
 COST: \$17,000,000



LOCATION MAP

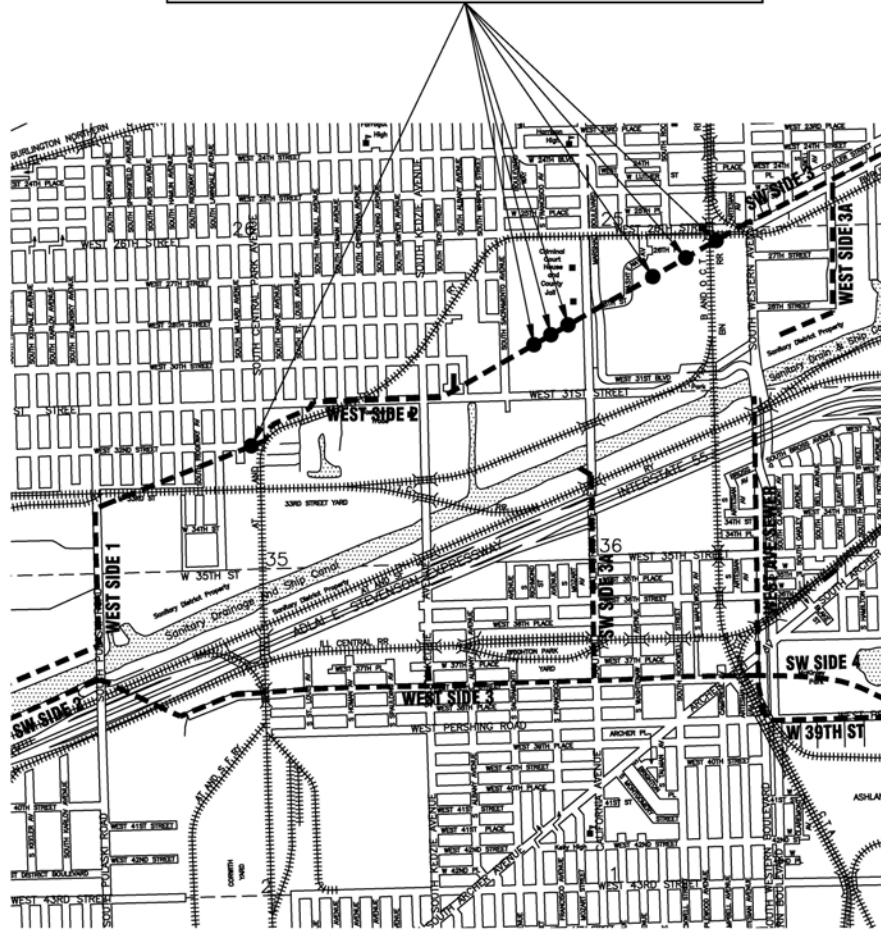
**LEGEND:**

- = SEWER TO BE REHABILITATED
- - - -** = EXISTING SEWER

**SALT CREEK INTERCEPTING SEWER NO. 3 REHABILITATION, SSA  
 CONTRACT 20-161-3S**



WEST SIDE INTERCEPTING SEWER NO. 2 REHABILITATION, SSA  
 VARIOUS POINT REPAIRS  
 COST: \$3,000,000



LOCATION MAP

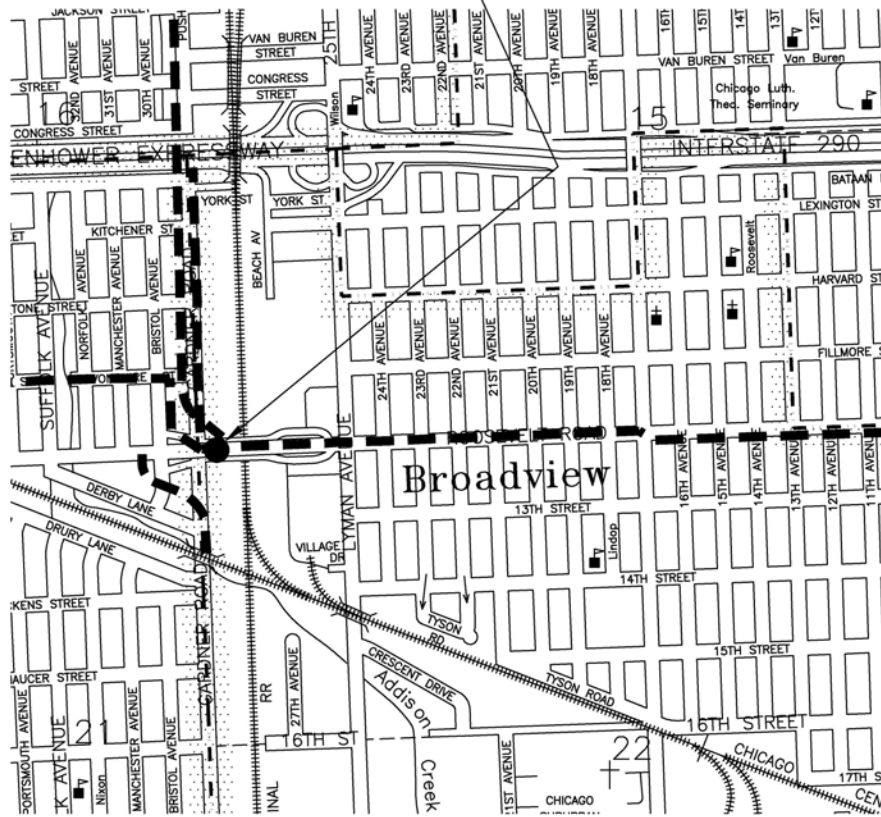
**LEGEND:**

- = LOCATION OF POINT REPAIRS
- = EXISTING SEWER

**WEST SIDE INTERCEPTING SEWER NO. 2 REHABILITATION, SSA  
 CONTRACT 20-162-3S**



WESTCHESTER PUMPING STATION RELIEF SEWER, SSA  
 ONE 36-INCH DIAMETER MANHOLE  
 320 FEET OF 45-INCH DIAMETER SEWER  
 COST: \$6,776,716



LOCATION MAP

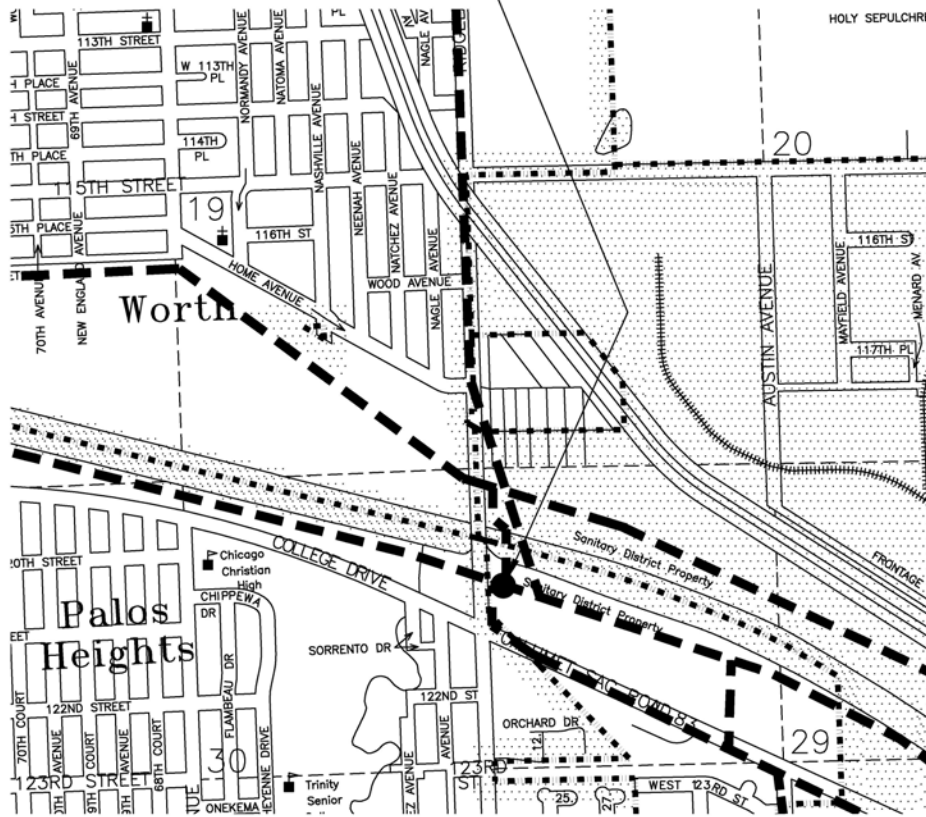
**LEGEND:**

- = LOCATION OF SEWER MODIFICATIONS
- = EXISTING SEWER

**WESTCHESTER PUMPING STATION RELIEF SEWER, SSA  
 CONTRACT 21-168-3S**



CALUMET 18E RELIEF CONNECTING STRUCTURE AND SEWER WORK, CSA  
 1 CONNECTING STRUCTURE  
 100 FEET OF 48-INCH DIAMETER CONCRETE SEWER PIPE  
 INSTALLATION OF A LOUVER SYSTEM IN THE CALUMET INTERCEPTING SEWER 20R-2 ACCESS MANHOLE  
 COST: \$3,108,314



LOCATION MAP

**LEGEND:**

- = LOCATION OF SEWER MODIFICATIONS
- - - = EXISTING SEWER

**CALUMET 18E RELIEF CONNECTING STRUCTURE AND SEWER WORK, CSA  
 CONTRACT 21-262-3S**





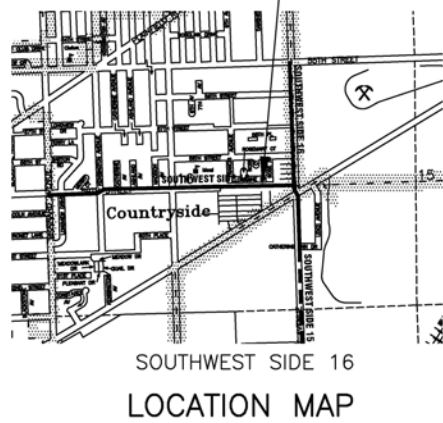
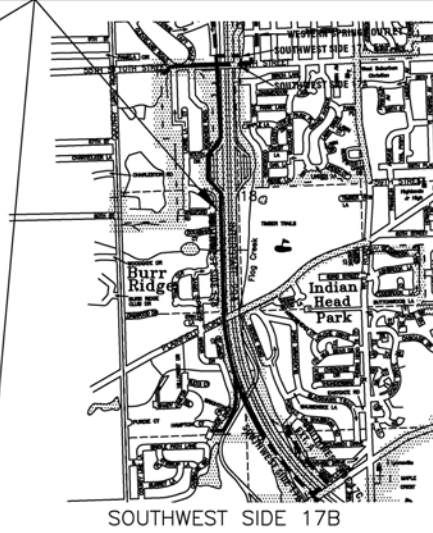
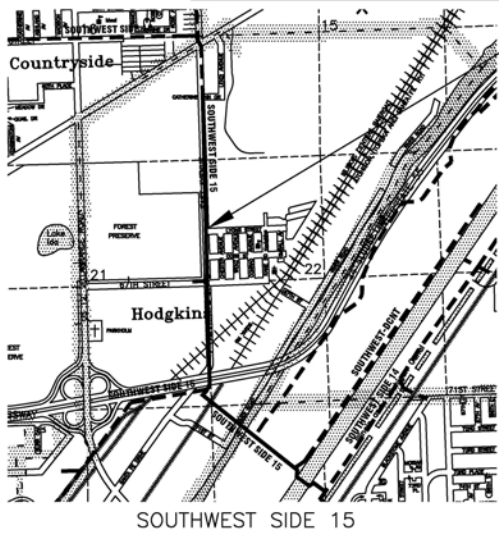
SOUTHWEST SIDE INTERCEPTING SEWER NO. 15, 16, AND 17B REHABILITATION, SSA

**SOUTHWEST SIDE 15**  
 3,333 FEET OF 27-INCH DIAMETER REINFORCED CONCRETE SEWER PIPE  
 182 FEET OF 54-INCH DIAMETER REINFORCED CONCRETE SEWER PIPE  
 12 MANHOLES/STRUCTURES

**SOUTHWEST SIDE 16**  
 5,269 FEET OF 24-INCH DIAMETER REINFORCED CONCRETE SEWER PIPE  
 13 MANHOLES/STRUCTURES

**SOUTHWEST SIDE 17B**  
 2,118 FEET OF 24-INCH DIAMETER REINFORCED CONCRETE SEWER PIPE  
 2,242 FEET OF 54-INCH x 60-INCH REINFORCED CONCRETE SEWER PIPE  
 347 FEET OF 54-INCH DIAMETER REINFORCED CONCRETE SEWER PIPE  
 4 MANHOLES/STRUCTURES

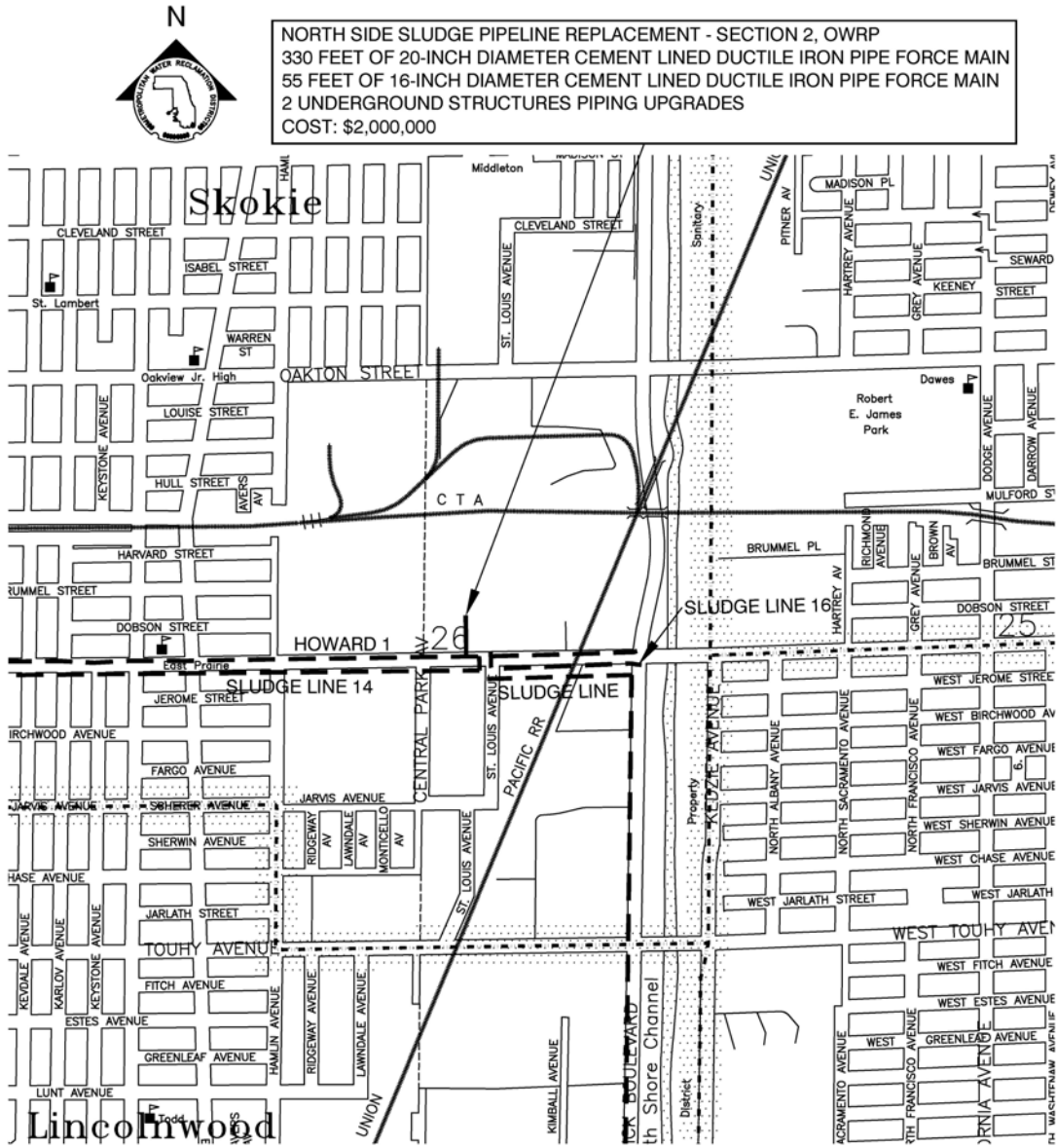
COST: \$12,000,000



**LEGEND:**

- = SEWER TO BE REHABILITATED
- ..... = EXISTING SEWER

**SOUTHWEST SIDE INTERCEPTING SEWER NO. 15, 16, AND 17B  
 REHABILITATION, SSA  
 CONTRACT 23-173-3S**



LOCATION MAP

**NORTH SIDE SLUDGE PIPELINE REPLACEMENT - SECTION 2, OWRP  
 CONTRACT 24-098-3S**

**Stormwater Management Capital Improvements Bond Fund Program**

**Projects Under Construction**

Projects under construction in the Capital Improvements Bond Fund were appropriated in prior years using the full encumbrance (obligation) method of budgetary accounting. The construction contract award amount and the anticipated project duration are provided in this table.

Project Name	Project Number	Est. Construction Cost	Duration (days)	Award Date
* Lyons and McCook Levee Improvements Project	13-199-3F	\$ 1,358	2,605	Sep 2018
* Addison Creek Channel Improvements, SSA	11-187-3F	5,600	1,026	Jul 2023
Total Projects Under Construction		\$ 6,958		

\* These projects are funded by the Capital Improvements Bond Fund and the Stormwater Management Fund.

Refer to Section VI Stormwater Management Fund for more information about the Stormwater Management Capital Improvement Program.

**Note: All cost figures are in thousands of dollars.**

**50000 CAPITAL IMPROVEMENTS BOND FUND**

**OBJECTIVES AND PROGRAM SUMMARY**

OBJECTIVES BY PRIORITY:	Cost	Percent
1. COLLECTION FACILITIES: Award five construction projects: Southwest Side Intercepting Sewer No. 15, 16, and 17B Rehabilitation, SSA, Low Voltage Switchgear Replacement, MSPS, Upper Des Plaines Intercepting Sewer 11D Rehabilitation, NSA, West Side Intercepting Sewer No. 2 Rehabilitation, SSA, and North and South Guard Valve Chambers Shotcrete Lining Rehabilitation, MSPS.	\$ 34,750,000	6.2 %
2. TREATMENT FACILITIES: Award six construction projects: Battery E Activated Sludge Facility, OWRP, Rehabilitation of Pump and Blower House, CWRP, Chemical Phosphorus Removal, OWRP, Switchgear and Motor Control Center Replacement, KWRP, Phosphorus Removal, KWRP, and Rehabilitation of Service Tunnel Expansion Joints and Replacement of Road E, KWRP.	\$ 426,550,800	76.0 %
3. SOLIDS PROCESSING AND UTILIZATION FACILITIES: Award two construction projects: Install Pipe Casing and Utilities Under Rail Road Tracks to Dewatering Facility, CWRP and North Side Sludge Pipeline Replacement - Section 2, OWRP.	\$ 14,000,000	2.5 %
4. FLOOD AND POLLUTION CONTROL: Award two construction projects: TARP Control System Replacement, CSA, NSA, SSA and TARP Mainstream Dropshaft DS-M73E at Armitage Avenue, SSA.	\$ 37,600,000	6.7 %
5. LAND AND RIGHT-OF-WAY ACQUISITION COSTS: Acquisition of land for the expansion of reservoir projects and payments for land easements.	\$ 550,000	0.1 %
6. PROJECT SUPPORT: Administration, design, and construction inspection for current and future contracts, funding support, and construction services such as concrete and soil testing.	\$ 47,473,700	8.5 %
<b>Totals</b>	<b>\$ 560,924,500</b>	<b>100.0 %</b>

**50000 CAPITAL IMPROVEMENTS BOND FUND**

**OBJECTIVES AND PROGRAM SUMMARY**

PROGRAMS BY PRIORITY:		2023	Budgeted		Change	
Number	Name	Actual	FTEs	Dollars	Dollars	Percent
1700	Collection Design	\$ 223,931	2025	— \$ —	\$ (900,000)	(100.0)
			2024	— \$ 900,000		
1800	Collection Construction	\$ 3,376,335	2025	— \$ 38,087,500	\$ (69,497,400)	(64.6)
			2024	— \$ 107,584,900		
2700	Treatment Design	\$ 1,751,810	2025	— \$ 3,150,000	\$ 3,066,400	3,667.9
			2024	— \$ 83,600		
2800	Treatment Construction	\$ 31,063,033	2025	— \$ 454,878,400	\$ 323,698,400	246.8
			2024	— \$ 131,180,000		
3700	Solids Processing Design	\$ 2,900,033	2025	— \$ —	\$ —	—
			2024	— \$ —		
3800	Solids Processing Construction	\$ 23,353,175	2025	— \$ 15,910,000	\$ 15,885,000	63,540.0
			2024	— \$ 25,000		
4341	Flood Mitigation Projects Planning and Design	\$ 40,666	2025	— \$ —	\$ —	—
			2024	— \$ —		
4343	Flood Mitigation Projects Construction	\$ 4,810,126	2025	— \$ —	\$ —	—
			2024	— \$ —		
4700	Flood and Pollution Control Design	\$ 7,469	2025	— \$ 5,000,000	\$ (2,000,000)	(28.6)
			2024	— \$ 7,000,000		
4800	Flood and Pollution Control Construction	\$ 27,010,870	2025	— \$ 41,785,000	\$ (17,755,000)	(29.8)
			2024	— \$ 59,540,000		
5800	Solids Utilization Construction	\$ 9,379,960	2025	— \$ 500,000	\$ —	—
			2024	— \$ 500,000		
7601	Capital Financing Program and Other Related Costs	\$ —	2025	— \$ 1,363,600	\$ 148,500	12.2
			2024	— \$ 1,215,100		
7740	Land and Easements	\$ 102,186	2025	— \$ 250,000	\$ —	—
			2024	— \$ 250,000		
Totals		\$ 104,019,594	2025	— \$ 560,924,500	\$ 252,645,900	82.0 %
			2024	— \$ 308,278,600		

Projects budgeted in the Capital Improvements Bond Fund are prioritized based on operational needs, design time frames, and available funding. Year-over-year variances in program area budgets are the result of project timing within the five-year capital planning cycle. The Capital Improvements Bond Fund is budgeted on an obligation basis, meaning the projects are budgeted at their full value in the year they are awarded, whether the project expenditures occur in the same budget year or not.

Account Number	Account Name	LINE ITEM ANALYSIS						
		2023	2024				2025	
		Expenditure	Original Appropriation *	Adjusted Appropriation 09/30/24 **	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
401	Fund: Capital Improvements Bond							
50000	Department: Engineering							
612090	Reprographic Services	\$ —	\$ 10,000	\$ 10,000	\$ —	\$ —	\$ 5,000	\$ —
612250	Court Reporting Services	—	25,000	25,000	—	—	10,000	—
612400	Intergovernmental Agreements	—	150,000	150,000	—	50,000	100,000	—
612430	Payments for Professional Services	287,240	133,600	809,934	676,334	530,300	100,000	—
612450	Professional Engineering Services for Construction Projects	5,028,676	7,900,000	19,008,553	11,708,262	4,769,400	9,650,000	—
612470	Personal Services for Post-Award Engineering for Construction Projects	143,096	—	2,461,500	2,461,500	20,000	—	—
612780	Safety Repairs and Services	—	100,000	100,000	—	—	100,000	—
200	TOTAL CONTRACTUAL SERVICES	5,459,012	8,318,600	22,564,988	14,846,096	5,369,700	9,965,000	—
645600	Collection Facilities Structures	2,026,335	500,000	11,862,705	11,512,434	7,050,100	500,000	—
645620	Waterway Facilities Structures	14,303,544	17,230,000	49,744,409	40,974,286	5,328,400	15,230,000	—
645630	Army Corps of Engineers Services	10,964,998	—	9,728,082	7,678,699	4,105,100	—	—
645650	Process Facilities Structures	22,846,575	58,025,000	97,298,497	58,891,769	19,419,500	429,253,400	—
645680	Buildings	—	500,000	1,014,091	—	—	500,000	—
645700	Preservation of Collection Facility Structures	4,634,638	106,934,900	172,933,666	172,783,491	25,663,800	34,337,500	—
645720	Preservation of Waterway Facility Structures	3,186,428	42,000,000	54,078,569	27,743,957	3,043,900	26,250,000	—
645750	Preservation of Process Facility Structures	26,996,598	53,105,000	155,503,271	150,536,543	23,276,500	23,075,000	—
645780	Preservation of Buildings	9,109,516	19,900,000	47,079,304	24,628,801	10,200,500	19,900,000	—
500	TOTAL CAPITAL PROJECTS	94,068,632	298,194,900	599,242,594	494,749,980	98,087,800	549,045,900	—
656010	Land	—	300,000	300,000	—	150,000	300,000	—
600	TOTAL LAND	—	300,000	300,000	—	150,000	300,000	—
667340	Payments for Easements	102,186	250,000	250,000	88	150,100	250,000	—
727102	Principal - Capital Lease	3,297,094	—	22,584,899	22,584,899	3,458,900	—	—
727112	Interest - Capital Lease	1,092,671	—	3,660,488	3,660,488	930,900	—	—
767300	Bond Issuance Costs	—	1,215,100	1,270,953	55,854	15,800	1,363,600	—
700	TOTAL FIXED AND OTHER CHARGES	4,491,951	1,465,100	27,766,340	26,301,329	4,555,700	1,613,600	—
<b>TOTAL CAPITAL IMPROVEMENTS BOND FUND</b>		<b>\$104,019,594</b>	<b>\$ 308,278,600</b>	<b>\$ 649,873,922</b>	<b>\$ 535,897,405</b>	<b>\$108,163,200</b>	<b>\$ 560,924,500</b>	<b>\$ —</b>

\* The Capital Improvements Bond Fund is budgeted and accounted for on an obligation basis.  
 \*\* The appropriation in the Capital Improvements Bond Fund is adjusted to carry forward open value of contracts from the prior year.  
 NOTES: 1. Amounts may not add up due to rounding.  
 2. Estimated Expenditure may exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.  
 3. The Capital Improvements Bond Fund appropriation is controlled on the Summary Object level.

# SECTION VI

## STORMWATER MANAGEMENT FUND

Stormwater Management is organized with all revenues and expenditures accounted for in a separate fund. The District assumed responsibility for stormwater management following the passage of Public Act 93-1049 in November 2004. This law gives the District responsibility for stormwater management for all of Cook County, including areas that currently lie outside the District's boundaries.

The District has established six watershed planning councils. The purpose of the watershed planning councils is to advise the District on the development and implementation of the countywide stormwater management plan, representing concerns of local governments. Municipal leagues are responsible for coordinating the activities of the watershed planning councils.

### Stormwater Management Fund:

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**Metropolitan Water Reclamation District of Greater Chicago**

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

312.751.5600

September 10, 2024

Mr. Brian A. Perkovich  
Executive Director  
OFFICE

Dear Sir:

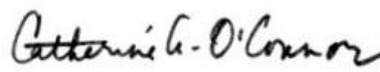
Subject: 2025 Program for the Stormwater Management Fund

The Stormwater Management Fund's program for 2025, as prepared in detail, is transmitted herewith. The budget presentation supports the request for funding of the 2025 initiatives in alignment with and in support of the Strategic Plan. The budget requests include all amendments as directed by you during the Executive Director Budget Hearings in August of this year.

The narrative provides a summary of the fund, 2025 major initiatives and challenges, and 2024 accomplishments. Supporting schedules of objectives, performance, and staffing levels present three years of detailed budgetary information.

Thank you for the opportunity to present the proposed Stormwater Management Fund budget for 2025.

Respectfully submitted,



Catherine A. O'Connor  
Director of Engineering

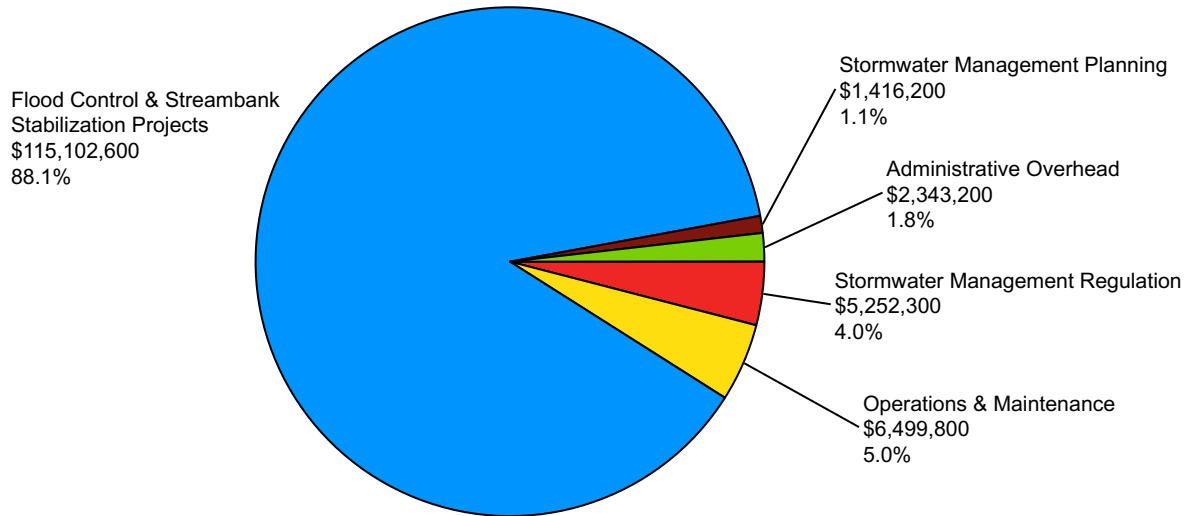


John P. Murray  
Director of Maintenance & Operations

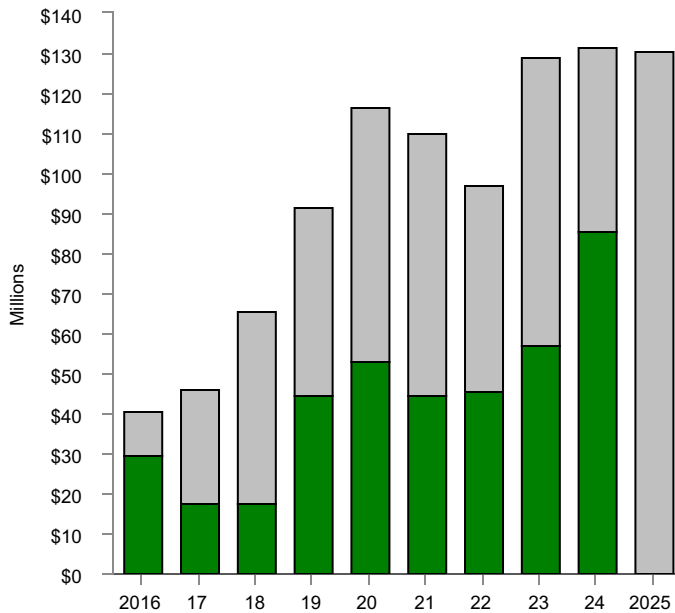


# STORMWATER MANAGEMENT FUND PROGRAMS

2025	\$130,614,100
2024	\$131,517,700
Decrease	(\$903,600)



## APPROPRIATIONS & EXPENDITURES

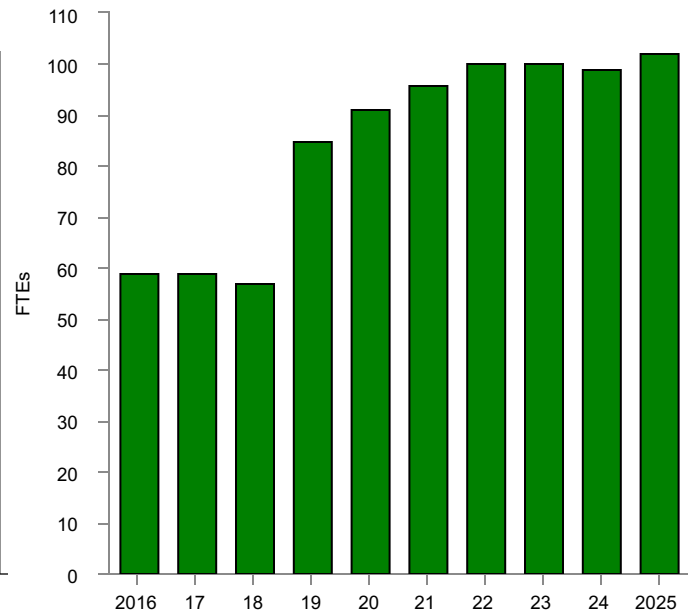


2024 Expenditures are estimated

■ EXPENDITURES      ■ APPROPRIATIONS

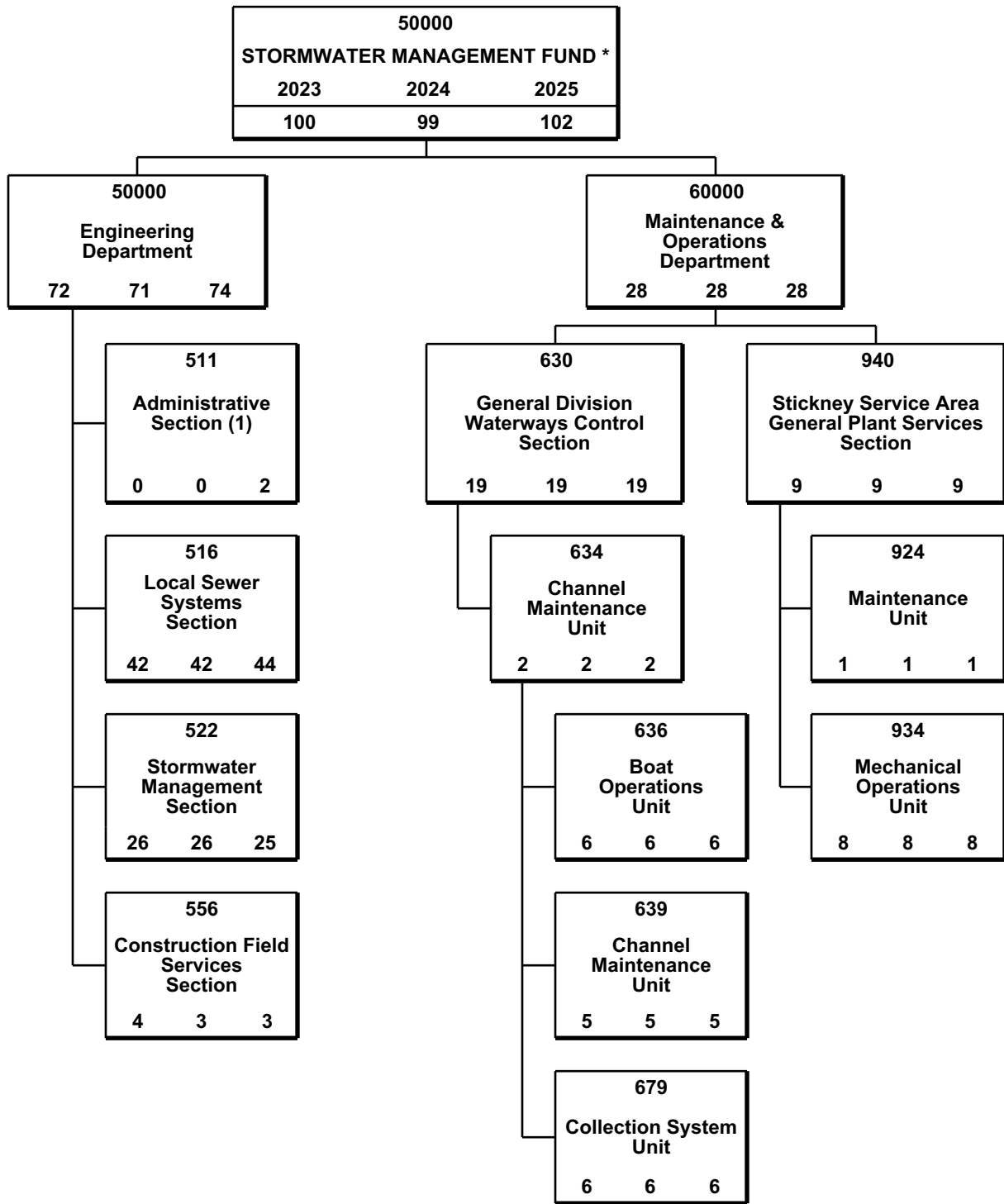
Year-over-year fluctuations in appropriations are the result of project timing.

## BUDGETED FTE POSITIONS



Starting in 2019, year-over-year fluctuations are the result of organizational redesign.

# STORMWATER MANAGEMENT FUND



\* Positions funded by the Stormwater Management Fund are operationally controlled by the Engineering and Maintenance & Operations Departments.

(1) Effective 01/01/25, Section 511, Administrative Section, was added.

## STORMWATER MANAGEMENT FUND

**The mission of the Stormwater Management Fund is to protect the safety of Cook County’s residents and minimize flooding damage by coordinating, planning, implementing, financing, and operating regional stormwater management projects and to develop and enforce reasonable rules with respect to watershed development.**

### Fund Summary

The Stormwater Management Fund consolidates the stormwater management activities of the Engineering and Maintenance & Operations Departments and supports the activities outlined in the Cook County Stormwater Management Plan, which serves as a framework for the District’s countywide Stormwater Management Program. Under this program, the District has completed Detailed Watershed Plans (DWPs) for all six major watersheds in Cook County, initiated a Stormwater Management Capital Improvement Program, initiated a Small Streams Maintenance Program (SSMP), and adopted and implemented the Watershed Management Ordinance (WMO). Through a variety of engineered solutions, both green and gray, and flood-prone property acquisitions, the District’s Stormwater Management Program addresses both regional and local flooding problems throughout Cook County. The District has made significant investments in developing over 260 capital stormwater projects since it assumed the authority for stormwater management in 2004. The implementation of these projects, which range in both size and scope, provides flood protection for thousands of homes, businesses, and critical infrastructure. The Stormwater Management Fund supports the work of the Local Sewer Systems Section, which is responsible for the implementation and enforcement of the WMO. The WMO regulates developments throughout Cook County, sewer construction within the District’s service area, and requires compliance with the Infiltration/Inflow Control Program. Information on the Stormwater Management Program and WMO can be found at [mwr.org/stormwater](http://mwr.org/stormwater) and [mwr.org/wmo](http://mwr.org/wmo), respectively.

### Summary of 2024 Major Accomplishments

- Advanced preliminary engineering, intergovernmental agreements, and design of stormwater projects through a subrecipient agreement with Cook County that provides for \$18.0 million in American Rescue Plan Act funding;
- Finalized an intergovernmental agreement with the Forest Preserve District of Cook County and advanced negotiations for a partnership with the Chicago Park District for the planning, prioritization, design, and oversight of green infrastructure projects and other Stormwater Management initiatives. Through regular coordination with the City of Chicago, additional partnerships with City agencies are also being developed;
- Assisted communities impacted from severe storm events in July and September 2023 to identify and prioritize flood mitigation projects and funding to prepare for future storm events;
- Advanced construction of channel improvements along Addison Creek in the communities of Northlake, Melrose Park, Stone Park, Bellwood, Westchester, and Broadview;
- Identified 26 flood-prone structures for acquisition throughout Cook County;
- Contributed \$1.3 million to the Village Commons Parking Lots Permeable Paver Project in North Riverside, which can capture up to 539,000 gallons of stormwater that could otherwise overwhelm village sewers during heavy storm events;
- Amended the WMO to ensure requirements reflect the District’s intent and to facilitate compliance for permittees and co-permittees.

### 2025 Appropriation and Position Summary

The 2025 appropriation for the Stormwater Management Fund is \$130,614,100, a decrease of \$903,600, or 0.7 percent, from 2024. The staffing level has increased from 99 to 102 positions due to the addition of one Assistant Civil Engineer position, one Associate Civil Engineer position, one Grant Administrator position, and one Grant Writer position. The staffing level increase is offset by the drop of one Administrative Specialist position. In addition, a crosshatch #1 was added to one Public Affairs Specialist position.

### 2025 Budget Highlights

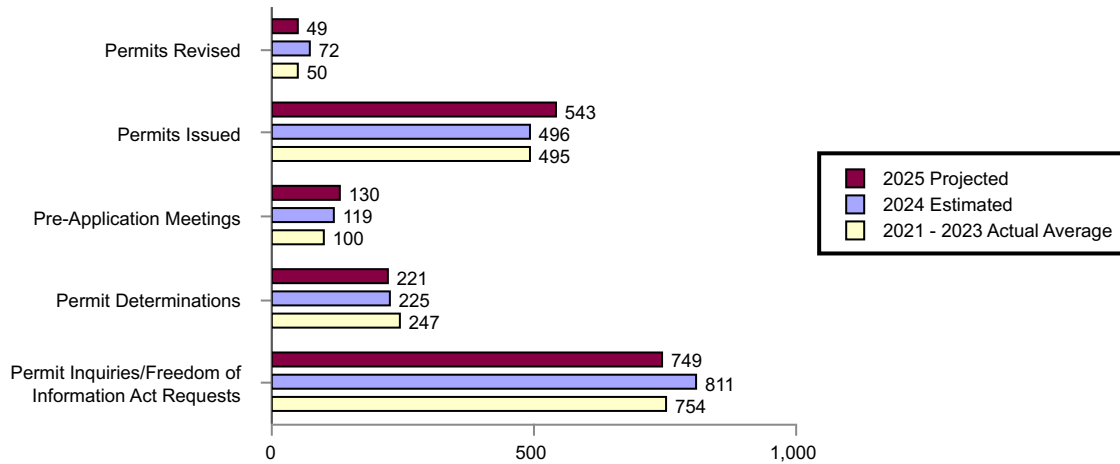
The following budget highlights support the District’s Strategic Plan Goal of Stormwater Management. The initiatives below illustrate how the District continues to mitigate flooding across Cook County through a proactive, equitable, stormwater management program.

#### Develop comprehensive framework to guide proactive implementation of stormwater solutions

- Issue WMO permits and provide information to design engineers, property owners, and municipalities to facilitate the permit submittal process, as shown on the bar on the next page;
- Update sections of the Technical Guidance Manual to facilitate compliance with the WMO;
- Provide guidance to satellite entities to help them achieve compliance with the Infiltration/Inflow Control Program;
- Initiate the proceedings of amending the WMO to update permit fee requirements;
- Respond to requests for removal of debris from small streams and rivers under the SSMP;

- Continue implementation of the Volumetric Approach to the Stormwater Master Planning and prioritize areas identified with additional storage opportunities to address flooding problems.

**Permit Activity**



**Identify and pursue opportunities for partnering on multi-benefit projects**

- Advance strategic partnerships with the Chicago Park District, Forest Preserve District of Cook County, and other agencies to facilitate projects that provide stormwater and other environmental benefits;
- Provide technical assistance in the identification and evaluation of solutions to local stormwater issues through preliminary engineering services;
- Advance stormwater partnerships for green infrastructure, local stormwater projects, and flood-prone property acquisitions with local communities and other agencies;
- Identify and pursue opportunities for partnering on multi-benefit projects and for coordinating with other agencies to minimize the cost of potential stormwater management projects through grants and other funding resources.

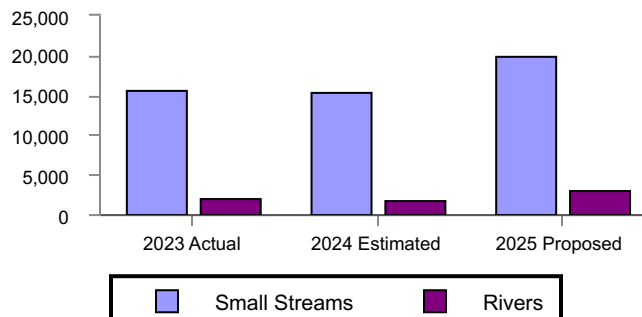
**Identify and pilot stormwater management best practices**

- Provide technical guidance to property owners interested in constructing offsite stormwater detention and volume control facilities in accordance with the ongoing pilot study;
- Advance the pilot study for a suburban green schoolyard program.

**SMALL STREAMS MAINTENANCE PROGRAM**

Through the management of the SSMP, the Maintenance & Operations Department works to reduce flooding in urbanized areas. Cook County has little elevation fluctuation; therefore, its streams tend to move slowly and are naturally prone to flooding. Many developed areas were originally uninhabited muddy marshes with meandering streams that often overtopped their banks. The streams that flow through the neighborhoods of Cook County are more than just a scenic part of the landscape or a habitat for wildlife. They serve the vital function of draining stormwater and preventing flooding. In order to function properly, the streams must be maintained. The SSMP’s top priorities are removing blockages such as log jams, beaver dams, and other material and debris from the streams and preventing future blockages by removing dead and unhealthy trees and invasive species, such as buckthorn and honeysuckle, which choke out native vegetation from the streambanks.

**Cubic Yards of Debris Removed from Small Streams and Rivers in Cook County**



## **CAPITAL IMPROVEMENT PROGRAM**

The focus of many of the Stormwater Capital Improvement Program's projects is on regional waterways in highly urbanized areas. During the design of these projects, the District focuses on utilizing natural methods for addressing streambank erosion, including the use of biostabilization measures, such as vegetated geogrids, geocells, turf reinforcing mats, and native vegetation, wherever practical.

The Board of Commissioners prioritizes potential projects arising from the DWPs on a countywide basis. Two categories have been established for DWP projects. The first category is streambank stabilization, which involves addressing critical active streambank erosion threatening public safety, structures, and/or infrastructure. The second category is flood control, which addresses regional overbank flooding.

The Stormwater Management Capital Improvement Program utilizes a variety of financing methods including bonds, state revolving fund loans, and grants, while the majority of projects are funded by property tax supported pay-as-you-go financing. The District actively pursues Federal and State grants to fund regional and local flood control projects. In 2024, the District expects to receive \$31.4 million in grants and reimbursements, including \$10.0 million from the Hazard Mitigation Grant Program for the Addison Creek Channel Improvements project and \$20.0 million from the Army Corps of Engineers as reimbursement for the District's work on the design and construction of the Thornton Composite Reservoir. Partnering with Cook County, up to \$18.0 million in American Rescue Plan Act funding to address localized flooding will be received over four years, including an estimated \$1.1 million in 2024 and \$7.1 million in 2025. Additional grants are also being pursued for the Suburban Green Schoolyard pilots and other flood mitigation projects.

Maps of flood control projects, existing flood control reservoirs, intergovernmental agreement projects, and green infrastructure projects can be found on pages [507](#) - [509](#).

## **FLOOD-PRONE PROPERTY ACQUISITION PROGRAM**

The District's statutory authority for Stormwater Management in Cook County (70 ILCS 2605/7h) was amended in 2014 to allow for the acquisition of flood-prone properties. Subsequent to amending the Cook County Stormwater Management Plan to be consistent with Public Act 98-0652, the District's Board of Commissioners adopted a policy on the selection and prioritization of projects for acquiring flood-prone property, which is comprised of three distinct components, as follows:

- Local Sponsorship Assistance Program: The District's top priority will be to facilitate the Illinois Emergency Management Agency's federally funded program by assisting local sponsor communities in providing their share of the cost for property acquisition;
- District Initiated Program: The cost of a property acquisition alternative will be estimated for any approved project and compared to the estimated cost of the structural project determined through a preliminary engineering analysis. Should the cost of the property acquisition alternative be less than the structural project, and the benefits at least equivalent, the acquisition alternative will be pursued in lieu of the structural project;
- Local Government Application Program: The District will consider applications directly from local governments requesting property acquisition of specific flood-prone structures.

The District solicited applications from municipalities and townships for assistance with the acquisition of flood-prone structures located throughout Cook County and entered into intergovernmental agreements to partner with three communities to acquire five flood-prone structures. These acquisitions were completed in 2023 and 2024. Based on the success of the District's program, additional solicitations will be made to identify opportunities to assist local communities with flood-prone property acquisitions in the future.

## Stormwater Management Fund Program

<b>Awards in 2025</b>						
Project Name	Project Number	Est. Construction Cost	2025 Appropriation	Duration (days)	Est. Award Date	
Public Library Permeable Parking Lot in Northlake	24-IGA-15	\$ 573	\$ 573	105	Jan 2025	
Green Alley Project in Hillside	24-IGA-17	325	325	130	Jan 2025	
LeMoyne Street and Maypole Avenue Underground Storage Projects in Chicago	24-IGA-19	6,000	6,000	217	Jan 2025	
IDOT 55th Street Relief Sewer - West Phase II in Countryside	24-IGA-21	1,622	—	150	Jan 2025	
I-290 Frontage Road Sewer and Outfall in Maywood	24-IGA-23	5,707	2,000	135	Jan 2025	
Flood Control Project on Willow Road at McDonald Creek Tributary A in Prospect Heights, Illinois	20-IGA-23	1,800	1,800	307	Feb 2025	
Public Library Green Roof in Blue Island	24-IGA-06	306	306	100	Feb 2025	
Town Center Green Infrastructure Improvements in Willow Springs	24-IGA-16	1,085	1,085	100	Feb 2025	
Green Alley Project 2 in Forest Park	24-IGA-09	313	313	104	Apr 2025	
Village Hall Green Parking Lot in Hoffman Estates	24-IGA-12	472	472	100	Apr 2025	
Green Alley Project in North Riverside	24-IGA-14	689	689	100	Apr 2025	
Streambank Stabilization Project along Tinley Creek	19-IGA-22	3,800	3,700	203	May 2025	
Citation Lake Stormwater Improvements in Northfield Township	23-IGA-44	3,000	1,500	390	May 2025	
17th and Lexington Public Parking Lot Improvements in Broadview	24-IGA-07	360	360	100	May 2025	
Green Parking Lot Improvements in Brookfield	24-IGA-08	192	192	100	May 2025	
Green Alley Program in Markham	24-IGA-13	469	469	100	May 2025	
Central Park Stormwater Detention Basin and Separate Storm Sewer Improvements in Harvey	18-249-AF	9,849	527	452	Jun 2025	
Thorn Ditch Flood Mitigation Project in South Holland	24-IGA-05	5,860	1,500	504	Jun 2025	
Pacific Avenue and Washington Street Green Infrastructure in Franklin Park	24-IGA-10	214	214	100	Jun 2025	
Flood Control Project on Prairie Creeks, NSA	12-056-5F	33,941	2,185	713	Sep 2025	
Stormwater Storage at Community High School District 218 Administration Sports Field and Storm Sewer Improvements in Oak Lawn	23-IGA-11	3,500	3,150	393	Sep 2025	
Flood Control Project in the Worth Woods Subdivision in Worth	14-256-5F	2,500	500	450	Oct 2025	
Flood Control Project for the Washington Street Area in Blue Island	21-IGA-28	5,700	900	294	Nov 2025	
Roberts Road Drainage Improvements in Palos Hills, Illinois	23-IGA-12	3,500	—	241	Nov 2025	
Total 2025 Awards		\$ 91,777	\$ 28,760			

**Projects Under Construction**

Project Name	Project Number	Est. Construction Cost	2025 Appropriation	Duration (days)	Award Date
* Lyons and McCook Levee Improvements Project	13-199-3F	\$ 2,545	\$ 2,545	2,605	Sep 2018
Acquisition of Flood-Prone Properties Des Plaines Phase IV, NSA	20-IGA-24	5,000	2,300	987	Oct 2022
Acquisition of Flood-Prone Properties in Lyons, SSA	21-IGA-24	3,000	580	1,165	Oct 2022
Groveland Avenue Levee Improvements in Riverside, SSA	18-IGA-20	2,506	1,500	1,396	Dec 2022
* Addison Creek Channel Improvements, SSA	11-187-3F	71,761	23,961	1,026	Jul 2023
Green Infrastructure at Chicago Public Schools - Space to Grow Program Phase III	24-IGA-02	15,900	5,300	824	Jun 2024
Flood Control Project on Midlothian Creek in Robbins, Illinois	14-253-5FR	19,842	12,100	553	Jul 2024
Flood Control Project in the Vicinity of 131st Street and Cypress Lane in Palos Heights	14-259-5F	697	188	290	Jul 2024
Drainage Improvements in Schiller Park	23-IGA-30	1,500	1,000	451	Jul 2024
Craig Manor Drainage System Improvements in Des Plaines	23-IGA-33	1,000	1,000	245	Jul 2024
Acquisition of Flood-Prone Properties in Buffalo Grove	24-IGA-03	2,100	500	442	Sep 2024
Acquisition of Flood-Prone Properties and Construction of Stormwater Storage in Lyons Township	23-IGA-43	2,500	1,000	660	Oct 2024
Springdale Drainage Improvements in Western Springs	23-IGA-29	1,000	1,000	320	Nov 2024
Total Projects Under Construction		\$ 129,351	\$ 52,974		

**Projects Under Development**

Project Name	Project Number	Est. Construction Cost	2025 Appropriation	Duration (days)	Est. Award Date
Flood Control Project on Central Road from the Des Plaines River to Glenwood Lane, NSA	14-065-5F	\$ 29,000	\$ —	961	Feb 2026
Flood Control Project on Calumet-Sag Tributary C in Midlothian and Crestwood	21-IGA-18	3,780	1,000	171	Feb 2026
Flood Control Project along Plainfield Road in Countryside, La Grange, McCook, and Lyons Township	14-112-5F	17,000	—	683	Aug 2026
Total Future Awards		\$ 49,780			
Cumulative Projects Under Construction, 2025 Awards, and Future Awards		\$ 270,908			

\* This project is funded by the Capital Improvements Bond Fund and the Stormwater Management Fund. Refer to Section V Capital Budget for more information about Stormwater Management projects funded by alternate revenue bonds.

**Note: All cost figures are in thousands of dollars.**

The Stormwater Management local cost-sharing programs for green infrastructure projects and stormwater projects, along with flood-prone property acquisitions and projects that are in the preliminary stages of design, will continue to be a priority for the District in addressing flooding due to increased intense rain events that overwhelm current infrastructure throughout Cook County. The table below provides planned expenditures for the fiscal years 2026-2029 not included in the detailed list of Projects Under Development presented on the previous page.

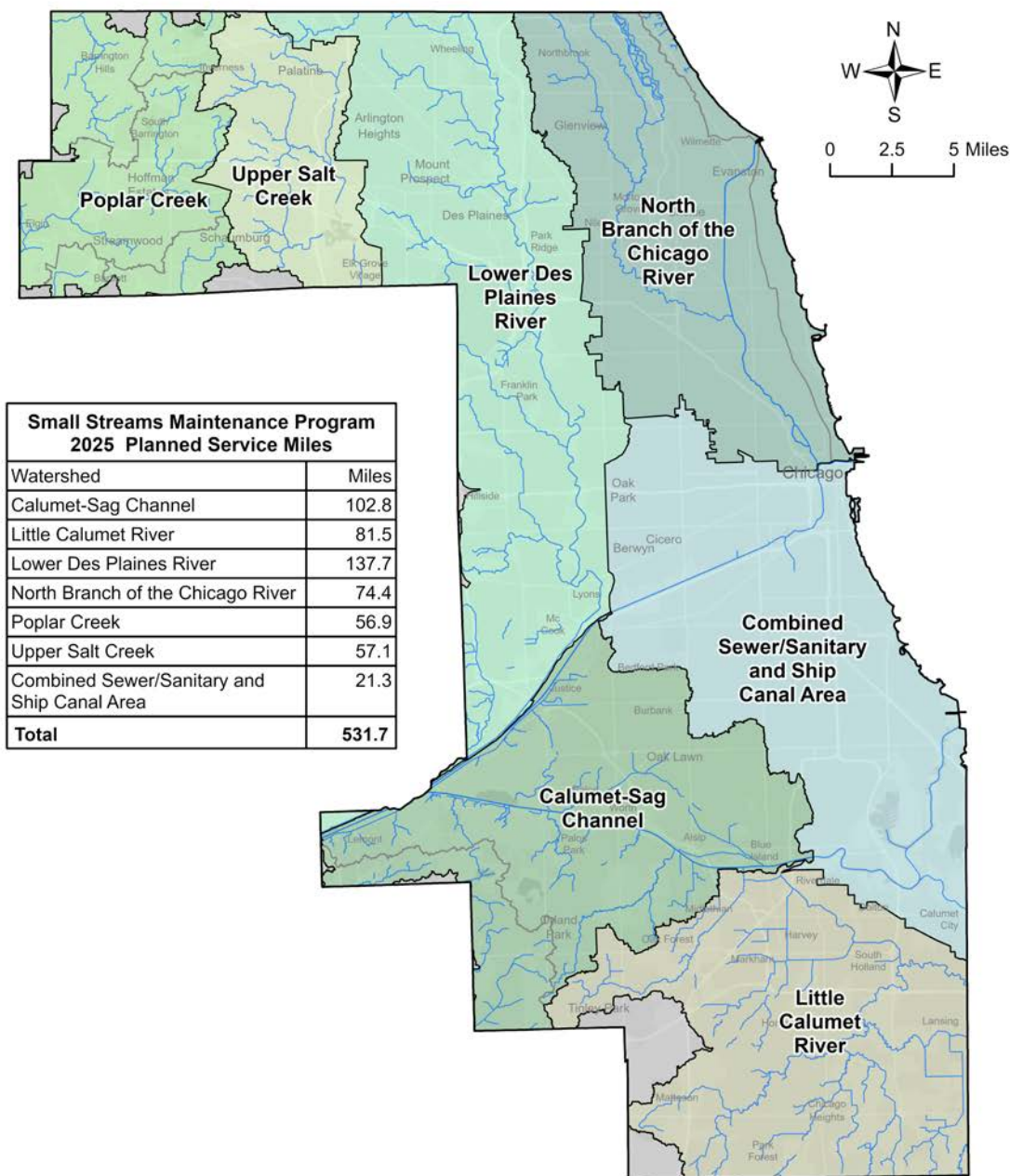
### **2026-2029 Projects Under Development**

Projects	2026	2027	2028	2029	Total 2026-2029
Green Infrastructure Projects Intergovernmental Agreements	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 20,000
Local Stormwater Projects Intergovernmental Agreements	5,000	5,000	8,000	8,000	26,000
Flood-Prone Property Acquisitions	5,000	5,000	5,000	5,000	20,000
Suburban Green Schoolyards - IGAs	—	5,000	3,000	3,000	11,000
Future Stormwater Projects (projects currently under preliminary design)	—	—	8,000	10,000	18,000
18-082-5F, Citation Lake Stormwater Improvements in Northfield Township, NSA	2,000	2,000	2,000	—	6,000
23-IGA-39, Conceptual Flood Control Project in Dolton	—	2,000	2,000	—	4,000
23-IGA-41, Northeast Dixmoor Stormwater Project Under Development	—	2,000	2,000	—	4,000
23-IGA-40, Conceptual Flood Control Project for Markham in Bel-Aire Neighborhood	—	2,000	2,000	—	4,000
24-IGA-18, Stormwater Improvements in Posen	2,000	2,000	—	—	4,000
Deer Creek and Third Creek Project	—	5,000	10,000	10,000	25,000
Calumet City Project	2,000	2,000	—	—	4,000
Suburban Green Schoolyard Pilot, Franklin Park	2,000	2,000	—	—	4,000
Suburban Green Schoolyard Pilot, Burnham	2,000	2,000	—	—	4,000
Suburban Green Schoolyard Pilot, Summit	2,000	2,000	—	—	4,000
Suburban Green Schoolyard Pilot, Cicero	2,000	2,000	—	—	4,000
Anticipated District Stormwater Projects from Master Planning	7,000	20,000	14,325	22,000	63,325
Total	\$ 36,000	\$ 65,000	\$ 61,325	\$ 63,000	\$ 225,325

**Note: All cost figures are in thousands of dollars.**



# STORMWATER MANAGEMENT WATERSHEDS



**CAPITAL PROJECTS LISTED BY WATERSHED - STORMWATER MANAGEMENT FUND**

The following is a list of projects presented by their association with one of the six major Cook County watersheds and by their completion status: projects for 2025 award, under construction, or under development. A map of the watersheds can be found on the previous page.

**CALUMET-SAG CHANNEL**

		<b>Estimated Substantial Completion Date</b>	<b>Estimated Construction Cost</b>
<b>Projects for 2025 Award</b>			
14-256-5F	Flood Control Project in the Worth Woods Subdivision in Worth		\$ 2,500,000
19-IGA-22	Streambank Stabilization Project along Tinley Creek		3,800,000
21-IGA-28	Flood Control Project for the Washington Street Area in Blue Island		5,700,000
23-IGA-11	Stormwater Storage at Community High School District 218 Administration Sports Field and Storm Sewer Improvements in Oak Lawn		3,500,000
23-IGA-12	Roberts Road Drainage Improvements in Palos Hills, Illinois		3,500,000
24-IGA-06	Public Library Green Roof in Blue Island		306,100
24-IGA-16	Town Center Green Infrastructure Improvements in Willow Springs		1,085,000
	Total		<b>\$ 20,391,100</b>
<b>Projects Under Construction</b>			
14-259-5F	Flood Control Project in the Vicinity of 131st Street and Cypress Lane in Palos Heights	04/25	\$ 697,000
	Total		<b>\$ 697,000</b>
<b>Projects Under Development</b>			
21-IGA-18	Flood Control Project on Calumet-Sag Tributary C in Midlothian and Crestwood		\$ 3,780,000
	Total		<b>\$ 3,780,000</b>
	Calumet-Sag Channel Grand Total		<b>\$ 24,868,100</b>

**LITTLE CALUMET RIVER**

		<b>Estimated Substantial Completion Date</b>	<b>Estimated Construction Cost</b>
<b>Projects for 2025 Award</b>			
18-249-AF	Central Park Stormwater Detention Basin and Separate Storm Sewer Improvements in Harvey		\$ 9,848,774
24-IGA-05	Thorn Ditch Flood Mitigation Project in South Holland		5,860,000
24-IGA-13	Green Alley Program in Markham		469,000
	Total		<b>\$ 16,177,774</b>
<b>Projects Under Construction</b>			
14-253-5FR	Flood Control Project on Midlothian Creek in Robbins, Illinois	01/26	\$ 19,841,500
	Total		<b>\$ 19,841,500</b>
	Little Calumet River Grand Total		<b>\$ 36,019,274</b>

**LOWER DES PLAINES RIVER**

		<b>Estimated Substantial Completion Date</b>	<b>Estimated Construction Cost</b>
<b>Projects for 2025 Award</b>			
12-056-5F	Flood Control Project on Prairie Creeks, NSA		\$ 33,941,442
20-IGA-23	Flood Control Project on Willow Road at McDonald Creek Tributary A in Prospect Heights, Illinois		1,800,000
23-IGA-44	Citation Lake Stormwater Improvements in Northfield Township		3,000,000
24-IGA-07	17th and Lexington Public Parking Lot Improvements in Broadview		359,500
24-IGA-08	Green Parking Lot Improvements in Brookfield		191,600

		<b>Estimated Substantial Completion Date</b>	<b>Estimated Construction Cost</b>
<b>Projects for 2025 Award (continued)</b>			
24-IGA-09	Green Alley Project 2 in Forest Park		\$ 313,000
24-IGA-10	Pacific Avenue and Washington Street Green Infrastructure in Franklin Park		214,200
24-IGA-14	Green Alley Project in North Riverside		689,000
24-IGA-15	Public Library Permeable Parking Lot in Northlake		573,100
24-IGA-17	Green Alley Project in Hillside		325,000
24-IGA-21	IDOT 55th Street Relief Sewer - West Phase II in Countryside		1,621,500
24-IGA-23	I-290 Frontage Road Sewer and Outfall in Maywood		5,707,000
Total			<b>\$ 48,735,342</b>
<b>Projects Under Construction</b>			
11-187-3F	* Addison Creek Channel Improvements, SSA	05/26	\$ 71,761,459
13-199-3F	* Lyons and McCook Levee Improvements Project	10/25	2,544,519
18-IGA-20	Groveland Avenue Levee Improvements in Riverside, SSA	10/26	2,506,028
20-IGA-24	Acquisition of Flood-Prone Properties Des Plaines Phase IV, NSA	06/25	5,000,000
21-IGA-24	Acquisition of Flood-Prone Properties in Lyons, SSA	12/25	3,000,000
23-IGA-29	Springdale Drainage Improvements in Western Springs	10/25	1,000,000
23-IGA-30	Drainage Improvements in Schiller Park	10/25	1,500,000
23-IGA-33	Craig Manor Drainage System Improvements in Des Plaines	03/25	1,000,000
23-IGA-43	Acquisition of Flood-Prone Properties and Construction of Stormwater Storage in Lyons Township	08/26	2,500,000
24-IGA-03	Acquisition of Flood-Prone Properties in Buffalo Grove	11/25	2,100,000
Total			<b>\$ 92,912,006</b>
<b>Projects Under Development</b>			
14-065-5F	Flood Control Project on Central Road from the Des Plaines River to Glenwood Lane, NSA		\$ 29,000,000
14-112-5F	Flood Control Project along Plainfield Road in Countryside, La Grange, McCook, and Lyons Township		17,000,000
Total			<b>\$ 46,000,000</b>
Lower Des Plaines River Grand Total			<b>\$ 187,647,348</b>

**POPLAR CREEK**

		<b>Estimated Substantial Completion Date</b>	<b>Estimated Construction Cost</b>
<b>Projects for 2025 Award</b>			
24-IGA-12	Village Hall Green Parking Lot in Hoffman Estates		\$ 472,000
Total			<b>\$ 472,000</b>
Poplar Creek Grand Total			<b>\$ 472,000</b>

**COMBINED SEWER/SANITARY AND SHIP CANAL AREA**

		<b>Estimated Substantial Completion Date</b>	<b>Estimated Construction Cost</b>
<b>Projects for 2025 Award</b>			
24-IGA-19	LeMoyne Street and Maypole Avenue Underground Storage Projects in Chicago		\$ 6,000,000
Total			<b>\$ 6,000,000</b>

<b>Projects Under Construction</b>		<b>Estimated Substantial Completion Date</b>	<b>Estimated Construction Cost</b>
24-IGA-02	Green Infrastructure at Chicago Public Schools - Space to Grow Program Phase III	09/26	\$ 15,900,000
			Total <b>\$ 15,900,000</b>
Combined Sewer/Sanitary and Ship Canal Area Grand Total			<b>\$ 21,900,000</b>
Capital Projects Grand Total - All Watersheds			<b>\$ 270,906,722</b>

\*These projects are funded by the Capital Improvements Bond Fund and the Stormwater Management Fund.

### Addison Creek Channel Improvements, SSA

<b>Project Number</b>	11-187-3F
<b>Watershed</b>	Lower Des Plaines River
<b>Location</b>	Bellwood, Broadview, Melrose Park, Northlake, Stone Park, and Westchester, IL
<b>Engineering Consultant</b>	Hey & Associates, Inc.
<b>Engineering Contractor</b>	Judlau Contracting, Inc.
<b>Estimated Construction Cost</b>	\$77,361,459
<b>Contract Award Date</b>	July 2023
<b>Substantial Completion Date</b>	May 2026



**Project Description** This project will improve channel conveyance in Bellwood, Broadview, Melrose Park, Northlake, Stone Park, and Westchester. The project includes various types of channel improvements, such as open channel, gabions, sheet piles, riprap, and stream clearing.

**Project Justification** This project, along with the Addison Creek Reservoir project, will help alleviate public health and safety concerns by reducing overbank flooding to approximately 2,200 structures along Addison Creek from Broadview to Northlake. The compensatory storage required for these channel improvements will be provided with the Addison Creek Reservoir project.

**Project Status** Construction

**This project is partially funded under the Capital Improvements Bond Fund. See Section V Capital Budget for additional information (Capital Improvements Bond Fund = \$5,600,000; Stormwater Management Fund = \$71,761,459).**

## Flood Control Project on Prairie Creeks, NSA

<b>Project Number</b>	12-056-5F
<b>Watershed</b>	Lower Des Plaines River
<b>Location</b>	Maine Township and Park Ridge, IL
<b>Engineering Consultant</b>	HNTB Corporation
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$33,941,442
<b>Contract Award Date</b>	September 2025
<b>Substantial Completion Date</b>	August 2027



<b>Project Description</b>	This project includes flood storage and conveyance improvements along Prairie Creek. This includes channel modifications, detention expansion, diversion sewer construction, and streambank stabilization.
<b>Project Justification</b>	This project will help alleviate public health and safety concerns by reducing overbank flooding to approximately 128 structures and protecting numerous buildings through streambank stabilization.
<b>Project Status</b>	Design

## Lyons and McCook Levee Improvements Project

<b>Project Number</b>	13-199-3F
<b>Watershed</b>	Lower Des Plaines River
<b>Location</b>	Lyons, IL
<b>Engineering Consultant</b>	MC Consulting, Inc.
<b>Engineering Contractor</b>	To be determined
<b>Estimated Construction Cost</b>	\$3,902,854
<b>Contract Award Date</b>	September 2018
<b>Substantial Completion Date</b>	October 2025



**Project Description** This project involves the restoration and improvement of the Lyons Levee which is located on the east bank of the Des Plaines River and is approximately 4,000 feet long, beginning at Joliet Road at the upstream end and extending approximately 700 feet downstream of 47th Street to a condition that will elevate the levee to modern design standards, provide flood protection, and prevent overtopping by events up to a 100-year flood.

**Project Justification** This project will provide protection against overtopping of the levee during a 100-year flood. Overtopping has resulted in major flooding in the past, impacting the Village of Forest View that is located east of the levee. Overtopping could also jeopardize the Commonwealth Edison substation that is located east of Forest View and create the potential for power disruptions or failures at Midway Airport and the Stickney WRP.

**Project Status** Construction

**This project is partially funded under the Capital Improvements Bond Fund. See Section V Capital Budget for additional information (Capital Improvements Bond Fund = \$1,358,335; Stormwater Management Fund = \$2,544,519).**

## Flood Control Project on Midlothian Creek in Robbins, Illinois

<b>Project Number</b>	14-253-5FR
<b>Watershed</b>	Little Calumet River
<b>Location</b>	Robbins, IL
<b>Engineering Consultant</b>	Donohue & Associates, Inc.
<b>Engineering Contractor</b>	V3 Construction Group, Ltd.
<b>Estimated Construction Cost</b>	\$19,841,500
<b>Contract Award Date</b>	July 2024
<b>Substantial Completion Date</b>	January 2026
<b>Project Description</b>	This project is the second phase of the stormwater improvements along Midlothian Creek in Robbins and includes the connection of the diversion channel (Phase I) to the stormwater storage being constructed south of 135th Street, channel improvements on Midlothian Creek, and construction of rain gardens and vegetated swales in a residential area.
<b>Project Justification</b>	This project addresses overland flooding for an estimated 140 acres and protects 92 structures in Robbins.
<b>Project Status</b>	Construction





### Flood Control Project in the Worth Woods Subdivision in Worth

**Project Number** 14-256-5F

**Watershed** Calumet-Sag Channel

**Location** Worth, IL

**Engineering Consultant** Robinson Engineering, Ltd.

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$2,500,000

**Contract Award Date** October 2025

**Substantial Completion Date** January 2027



**Project Description** This project will construct a swale and a 24-inch to 72-inch storm sewer in the vicinity of 112th Place and Beloit Avenue, with an outlet to Lucas-Berg Pit in the Village of Worth. The project is in the Calumet-Sag Channel Watershed. The Village of Worth will be responsible for ownership and maintenance of the improvements.

**Project Justification** This project will reduce flooding for an estimated 19 structures in the Village of Worth.

**Project Status** Design

## Flood Control Project in the Vicinity of 131st Street and Cypress Lane in Palos Heights

**Project Number** 14-259-5F

**Watershed** Calumet-Sag Channel

**Location** Palos Heights, IL

**Engineering Consultant** Not Applicable

**Engineering Contractor** Meru Corporation

**Estimated Construction Cost** \$697,000

**Contract Award Date** July 2024

**Substantial Completion Date** April 2025



**Project Description** This project will involve the demolition of a property at 13040 South Cypress Lane and the installation of a swale at this location, along with the installation of a new downstream storm sewer and an outfall to Navajo Creek.

**Project Justification** This project will protect three residential properties at risk from a 100-year storm event.

**Project Status** Construction

## Central Park Stormwater Detention Basin and Separate Storm Sewer Improvements in Harvey

**Project Number** 18-249-AF

**Watershed** Little Calumet River

**Location** Harvey, IL

**Engineering Consultant** HR Green, Inc.

**Engineering Contractor** To be determined

**Estimated Construction Cost** \$9,848,774

**Contract Award Date** June 2025

**Substantial Completion Date** September 2026



**Project Description** This project will construct a 23-acre-foot stormwater detention basin along Myrtle Avenue, between 153rd Street and 154th Street on an approximately 20-acre site of the future Central Park in the City of Harvey. Located within the combined sewer area, approximately 9,650 feet of separated storm sewer will be constructed to convey stormwater to the proposed basin and allow discharge into the Wood Street storm sewer system. A 12-inch storm sewer will also be constructed to allow low-flow discharge into the combined sewer system.

**Project Justification** This project will protect 108 structures from flooding in a 100-year storm event. In addition, the project will reduce flood damages to varying degrees for approximately 582 structures in the vicinity of the project area.

**Project Status** Design

## Groveland Avenue Levee Improvements in Riverside, SSA

**Project Number** 18-IGA-20

**Watershed** Lower Des Plaines River

**Location** Riverside, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$2,506,028

**Contract Award Date** December 2022

**Substantial Completion Date** October 2026



**Project Description** This project is to improve the Groveland Avenue levee, located in the Village of Riverside (Village), by raising the levee with a sheet pile floodwall. A pumping station will be built to drain the land side of the levee. An adjacent street will be raised or protected by additional flood walls. The Village will enter a Project Partnership Agreement with the Army Corps of Engineers as its local sponsor. The District will enter into an intergovernmental agreement with the Village to provide the non-federal share of the design and construction costs.

**Project Justification** This project increases the level of protection the levee provides to adjacent homes.

**Project Status** Cost Sharing Agreement

### Streambank Stabilization Project along Tinley Creek

<b>Project Number</b>	19-IGA-22
<b>Watershed</b>	Calumet-Sag Channel
<b>Location</b>	Orland Park, IL
<b>Engineering Consultant</b>	Michael Baker International, Inc.
<b>Engineering Contractor</b>	Not applicable
<b>Estimated Construction Cost</b>	\$3,800,000
<b>Contract Award Date</b>	May 2025
<b>Substantial Completion Date</b>	December 2025
<b>Project Description</b>	This project proposes to stabilize banks located along approximately 4,000 linear feet of Tinley Creek in the Village of Orland Park. The work is divided into two locations between 151st Street and Oriole Court and between 86th Avenue and 159th Street. The project will use bioengineering techniques such as geolifts, live stake vegetation, and gentler slopes to stabilize both banks.
<b>Project Justification</b>	This project will protect structures and infrastructure in imminent danger of failure due to active streambank erosion.
<b>Project Status</b>	Negotiation / Evaluation



## Flood Control Project on Willow Road at McDonald Creek Tributary A in Prospect Heights, Illinois

<b>Project Number</b>	20-IGA-23
<b>Watershed</b>	Lower Des Plaines River
<b>Location</b>	Prospect Heights, IL
<b>Engineering Consultant</b>	Gewalt Hamilton Associates, Inc.
<b>Engineering Contractor</b>	Not applicable
<b>Estimated Construction Cost</b>	\$1,800,000
<b>Contract Award Date</b>	February 2025
<b>Substantial Completion Date</b>	December 2025
<b>Project Description</b>	This project, in collaboration with the Cook County Department of Transportation and the City of Prospect Heights, raises Willow Road and improves the level of protection for local roads through the installation of new culverts and stormwater storage areas.
<b>Project Justification</b>	This project reduces flooding to ensure access to 60 homes for residents and emergency response vehicles.
<b>Project Status</b>	Negotiation / Evaluation



### Acquisition of Flood-Prone Properties Des Plaines Phase IV, NSA

**Project Number** 20-IGA-24

**Watershed** Lower Des Plaines River

**Location** Des Plaines, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$5,000,000

**Contract Award Date** October 2022

**Substantial Completion Date** June 2025

**Project Description** This project is a cost sharing agreement with the City of Des Plaines where 19 flood-prone homes near the Des Plaines River will be purchased.

**Project Justification** This project is part of an ongoing effort to remove structures and restore open space in flood-prone areas.

**Project Status** Cost Sharing Agreement



### Acquisition of Flood-Prone Properties in Lyons, SSA

**Project Number** 21-IGA-24

**Watershed** Lower Des Plaines River

**Location** Lyons, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$3,000,000

**Contract Award Date** October 2022

**Substantial Completion Date** December 2025

**Project Description** This project is for the acquisition and demolition of up to 25 homes in the floodway and floodplain in the Village of Lyons. The Village will be responsible for demolition and maintaining the property as open space.

**Project Justification** This project involves the removal of structures from the floodplain to prevent disaster recovery claims from flood insurance. The project will prevent property damage/loss and personal financial burden, as well as enhance floodplain storage.

**Project Status** Cost Sharing Agreement





## Flood Control Project for the Washington Street Area in Blue Island

**Project Number** 21-IGA-28

**Watershed** Calumet-Sag Channel

**Location** Blue Island, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$5,700,000

**Contract Award Date** November 2025

**Substantial Completion Date** September 2026

**Project Description** The project will address flooding in the project area with construction of a new sanitary sewer line and a lift station along Washington Avenue from 119th Place to 121st Street. These proposed sewer improvements, together with additional green infrastructure installations being performed in the project area through partnerships between the District, City of Blue Island, and other funding sources, will address flooding associated with overland flow and basement backups. This project is located in the Calumet-Sag Channel Watershed.

**Project Justification** This project will eliminate basement backups for 40 residential structures.

**Project Status** Negotiation / Evaluation



## Stormwater Storage at Community High School District 218 Administration Sports Field and Storm Sewer Improvements in Oak Lawn

**Project Number** 23-IGA-11

**Watershed** Calumet-Sag Channel

**Location** Oak Lawn, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$3,500,000

**Contract Award Date** September 2025

**Substantial Completion Date** October 2026



**Project Description** This project is an intergovernmental agreement with the Village of Oak Lawn. The Village of Oak Lawn plans to construct stormwater improvements which include: 1) the construction of an approximate 27.5 acre-feet detention facility within the Community High School District 218's fields and 2) upsizing approximately 6,600 linear feet of storm sewers that discharge to Stony Creek along Kilpatrick Avenue, 105th Street, and Kedvale Avenue.

**Project Justification** The Stony Creek Study Area, located in the Village of Oak Lawn, experiences riverine and urban flooding during moderate and severe storm events, with an estimated 591 structures impacted by the 100-year storm event. This project will protect over 100 structures from the 100-year storm event through detention and conveyance improvements.

**Project Status** Negotiation / Evaluation

### Roberts Road Drainage Improvements in Palos Hills, Illinois

**Project Number** 23-IGA-12

**Watershed** Calumet-Sag Channel

**Location** Palos Hills, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$3,500,000

**Contract Award Date** November 2025

**Substantial Completion Date** July 2026

**Project Description** This project includes the construction of two 2'x10' box culverts along 101st Street and 78th Avenue and a 60-inch storm sewer along 103rd Street with an 84-inch outfall to the Lucas Diversion Ditch.

**Project Justification** This project addresses structure and roadway flooding issues along Roberts Road in the City of Palos Hills.

**Project Status** Negotiation / Evaluation



## Springdale Drainage Improvements in Western Springs

<b>Project Number</b>	23-IGA-29
<b>Watershed</b>	Lower Des Plaines River
<b>Location</b>	Western Springs, IL
<b>Engineering Consultant</b>	Engineering Resource Associates, Inc.
<b>Engineering Contractor</b>	Not applicable
<b>Estimated Construction Cost</b>	\$1,000,000
<b>Contract Award Date</b>	November 2024
<b>Substantial Completion Date</b>	October 2025
<b>Project Description</b>	This project is expected to mitigate flooding in the project area, benefiting approximately 20 homes and two local roads by providing adequate drainage to depressional areas of the neighborhood and detention for excess stormwater runoff. The Village will construct a supplemental storm sewer system and storage basin. The Village will be responsible for operations and maintenance of the project.
<b>Project Justification</b>	This project will alleviate flooding within the project area by providing adequate drainage to depressional areas of the neighborhood and detention for excess stormwater runoff.
<b>Project Status</b>	Negotiation / Evaluation



### Drainage Improvements in Schiller Park

<b>Project Number</b>	23-IGA-30
<b>Watershed</b>	Lower Des Plaines River
<b>Location</b>	Schiller Park, IL
<b>Engineering Consultant</b>	Not applicable
<b>Engineering Contractor</b>	Not applicable
<b>Estimated Construction Cost</b>	\$1,500,000
<b>Contract Award Date</b>	July 2024
<b>Substantial Completion Date</b>	October 2025
<b>Project Description</b>	This project extends storm sewers along multiple local roads, including Wesley Terrace, Grace Street, Kolze Avenue, and Gremley Avenue, to redirect stormwater from the combined sewer system to an existing storm sewer on Seymour Avenue. The Village of Schiller Park will be responsible for the maintenance and operations of the project.
<b>Project Justification</b>	This project will mitigate flooding in the project area, benefitting approximately 45 residential structures by reducing the demand on the existing combined sewer system.
<b>Project Status</b>	IGA Executed



### Craig Manor Drainage System Improvements in Des Plaines

<b>Project Number</b>	23-IGA-33
<b>Watershed</b>	Lower Des Plaines River
<b>Location</b>	Des Plaines, IL
<b>Engineering Consultant</b>	Christopher B. Burke Engineering, Ltd.
<b>Engineering Contractor</b>	Not applicable
<b>Estimated Construction Cost</b>	\$1,000,000
<b>Contract Award Date</b>	July 2024
<b>Substantial Completion Date</b>	March 2025
<b>Project Description</b>	This project will construct drainage system improvements including a new 2.5 acre-feet underground detention facility, relief sewers to convey flow into the detention facility, and outlet storm sewers.
<b>Project Justification</b>	This project will mitigate flooding in the project area through stormwater storage and conveyance improvements, benefitting residential structures and reducing local roadway flooding.
<b>Project Status</b>	Negotiation / Evaluation



## Acquisition of Flood-Prone Properties and Construction of Stormwater Storage in Lyons Township

**Project Number** 23-IGA-43

**Watershed** Lower Des Plaines River

**Location** Lyons Township, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$2,500,000

**Contract Award Date** October 2024

**Substantial Completion Date** August 2026

**Project Description** This project will include the acquisition and demolition of flood-prone structures and construction of stormwater storage on the properties.

**Project Justification** This project will identify up to six properties subject to repetitive flooding for acquisition and construction of stormwater storage.

**Project Status** Negotiation / Evaluation



### Citation Lake Stormwater Improvements in Northfield Township

<b>Project Number</b>	23-IGA-44
<b>Watershed</b>	Lower Des Plaines River
<b>Location</b>	Northfield Township, IL
<b>Engineering Consultant</b>	Not applicable
<b>Engineering Contractor</b>	Not applicable
<b>Estimated Construction Cost</b>	\$3,000,000
<b>Contract Award Date</b>	May 2025
<b>Substantial Completion Date</b>	June 2026



<b>Project Description</b>	This project provides stormwater detention improvements through the installation of stormwater storage vaults under specific sections of the roadway and the installation of new storm sewers to convey the runoff more effectively.
<b>Project Justification</b>	This project will alleviate flooding within the project area through stormwater detention and stormwater conveyance improvements.
<b>Project Status</b>	Negotiation / Evaluation




### Green Infrastructure at Chicago Public Schools - Space to Grow Program Phase III

<b>Project Number</b>	24-IGA-02
<b>Watershed</b>	Multiple Watersheds
<b>Location</b>	Chicago, IL
<b>Engineering Consultant</b>	Not applicable
<b>Engineering Contractor</b>	Not applicable
<b>Estimated Construction Cost</b>	\$15,900,000
<b>Contract Award Date</b>	June 2024
<b>Substantial Completion Date</b>	September 2026



<b>Project Description</b>	This project, in partnership with the Chicago Department of Water Management and Chicago Public Schools, will design and construct playgrounds at various Chicago Public Schools using green infrastructure. Chicago Public Schools will be responsible for operations and maintenance.
<b>Project Justification</b>	This project will reduce the current load to the sewer system, alleviate flooding within the project area, and educate students and neighbors about green infrastructure techniques and purpose.
<b>Project Status</b>	IGA Executed

## Acquisition of Flood-Prone Properties in Buffalo Grove

<b>Project Number</b>	24-IGA-03	
<b>Watershed</b>	Lower Des Plaines River	
<b>Location</b>	Buffalo Grove, IL	
<b>Engineering Consultant</b>	Not applicable	
<b>Engineering Contractor</b>	Not applicable	
<b>Estimated Construction Cost</b>	\$2,100,000	
<b>Contract Award Date</b>	September 2024	
<b>Substantial Completion Date</b>	November 2025	
<b>Project Description</b>	This project is to purchase seven flood-prone properties in the Village of Buffalo Grove and convert the properties to open space. This is a cost sharing agreement with the Village of Buffalo Grove, in which the Village will be responsible for long-term maintenance. There will be one cost line for Stormwater Flood-Prone Property Acquisition Program.	
<b>Project Justification</b>	The project will remove seven homes from the floodplain along Buffalo Creek in the Village of Buffalo Grove. The project was selected through the 2023 Flood-Prone Property Acquisition Program.	
<b>Project Status</b>	Negotiation / Evaluation	

### Thorn Ditch Flood Mitigation Project in South Holland

**Project Number** 24-IGA-05

**Watershed** Little Calumet River

**Location** South Holland, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$5,860,000

**Contract Award Date** June 2025

**Substantial Completion Date** November 2026

**Project Description** This project will include replacement of existing culverts along Thorn Ditch and construction of stormwater storage at local parks. The Village will be responsible for operations and maintenance of the project.

**Project Justification** This project will protect residences near Thorn Ditch from flooding through detention and conveyance improvements.

**Project Status** Negotiation / Evaluation



### Public Library Green Roof in Blue Island

**Project Number** 24-IGA-06

**Watershed** Calumet-Sag Channel

**Location** Blue Island, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$306,100

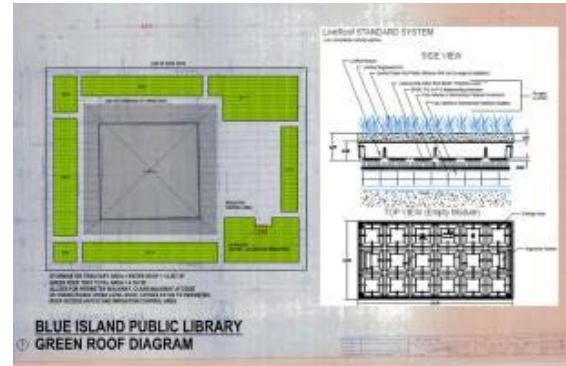
**Contract Award Date** February 2025

**Substantial Completion Date** June 2025

**Project Description** This project involves installing a green roof on the existing Blue Island Public Library. The Public Library will be responsible for operations and maintenance.

**Project Justification** This project will reduce the current load to the sewer system and alleviate flooding within the project area.

**Project Status** Negotiation / Evaluation



### 17th and Lexington Public Parking Lot Improvements in Broadview

**Project Number** 24-IGA-07

**Watershed** Lower Des Plaines River

**Location** Broadview, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$359,500

**Contract Award Date** May 2025

**Substantial Completion Date** August 2025

**Project Description** This project will replace an existing parking lot with permeable pavers. The Village of Broadview will be responsible for operations and maintenance.

**Project Justification** This project will reduce the current load to the sewer system and alleviate flooding within the project area.

**Project Status** Negotiation / Evaluation



### Green Parking Lot Improvements in Brookfield

**Project Number** 24-IGA-08

**Watershed** Lower Des Plaines River

**Location** Brookfield, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$191,600

**Contract Award Date** May 2025

**Substantial Completion Date** August 2025

**Project Description** This project will replace an impervious parking lot with permeable pavers and will install a rain garden at Brookfield water tower and Maple North Park in Brookfield. The Village of Brookfield will be responsible for operations and maintenance.

**Project Justification** This project will reduce the current load to the sewer system and alleviate flooding within the project area.

**Project Status** Negotiation / Evaluation



### Green Alley Project 2 in Forest Park

**Project Number** 24-IGA-09

**Watershed** Lower Des Plaines River

**Location** Forest Park, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$313,000

**Contract Award Date** April 2025

**Substantial Completion Date** July 2025

**Project Description** This project will replace an impervious alley with permeable pavers. The Village of Forest Park will be responsible for operations and maintenance.

**Project Justification** This project will reduce the current load to the sewer system and alleviate flooding within the project area.

**Project Status** Negotiation / Evaluation



## Pacific Avenue and Washington Street Green Infrastructure in Franklin Park

<b>Project Number</b>	24-IGA-10	
<b>Watershed</b>	Lower Des Plaines River	
<b>Location</b>	Franklin Park, IL	
<b>Engineering Consultant</b>	Not applicable	
<b>Engineering Contractor</b>	Not applicable	
<b>Estimated Construction Cost</b>	\$214,200	
<b>Contract Award Date</b>	June 2025	
<b>Substantial Completion Date</b>	September 2025	
<b>Project Description</b>	This project will install several rain gardens and green islands along Pacific Avenue and Washington Street. The Village of Franklin Park will be responsible for operations and maintenance.	
<b>Project Justification</b>	This project will reduce the current load to the sewer system and alleviate flooding within the project area.	
<b>Project Status</b>	Negotiation / Evaluation	



### Village Hall Green Parking Lot in Hoffman Estates

**Project Number** 24-IGA-12

**Watershed** Poplar Creek

**Location** Hoffman Estates, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$472,000

**Contract Award Date** April 2025

**Substantial Completion Date** July 2025

**Project Description** This project will install bioswales and replace impervious parking spaces with permeable pavers at the Village Hall parking lot. The Village of Hoffman Estates will be responsible for operations and maintenance.

**Project Justification** This project will reduce the current load to the sewer system and alleviate flooding within the project area.

**Project Status** Negotiation / Evaluation



### Green Alley Program in Markham

**Project Number** 24-IGA-13

**Watershed** Little Calumet River

**Location** Markham, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$469,000

**Contract Award Date** May 2025

**Substantial Completion Date** August 2025

**Project Description** This project will convert existing impervious alleys to permeable pavers. The City of Markham will be responsible for operations and maintenance.

**Project Justification** This project will reduce the current load to the sewer system and alleviate flooding within the project area.

**Project Status** Negotiation / Evaluation



### Green Alley Project in North Riverside

**Project Number** 24-IGA-14

**Watershed** Lower Des Plaines River

**Location** North Riverside, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$689,000

**Contract Award Date** April 2025

**Substantial Completion Date** July 2025

**Project Description** This project will replace existing impervious alleys with permeable pavers. The Village of North Riverside will be responsible for operations and maintenance.

**Project Justification** This project will reduce the current load to the sewer system and alleviate flooding within the project area.

**Project Status** Negotiation / Evaluation



### Public Library Permeable Parking Lot in Northlake

**Project Number** 24-IGA-15

**Watershed** Lower Des Plaines River

**Location** Northlake, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$573,100

**Contract Award Date** January 2025

**Substantial Completion Date** April 2025

**Project Description** This project will replace an impervious parking lot with permeable pavers at Northlake Public Library. The Public Library District will be responsible for operations and maintenance.

**Project Justification** This project will reduce the current load to the sewer system and alleviate flooding within the project area.

**Project Status** Negotiation / Evaluation



## Town Center Green Infrastructure Improvements in Willow Springs

**Project Number** 24-IGA-16

**Watershed** Calumet-Sag Channel

**Location** Willow Springs, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$1,085,000

**Contract Award Date** February 2025

**Substantial Completion Date** June 2025

**Project Description** This project will replace impervious streets with permeable pavers. The Village of Willow Springs will be responsible for operations and maintenance.

**Project Justification** This project will reduce the current load to the sewer system and alleviate flooding within the project area.

**Project Status** Negotiation / Evaluation



### Green Alley Project in Hillside

**Project Number** 24-IGA-17

**Watershed** Lower Des Plaines River

**Location** Hillside, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$325,000

**Contract Award Date** January 2025

**Substantial Completion Date** June 2025

**Project Description** This project will replace existing impervious alleys with permeable pavers. The Village of Hillside will be responsible for operations and maintenance.

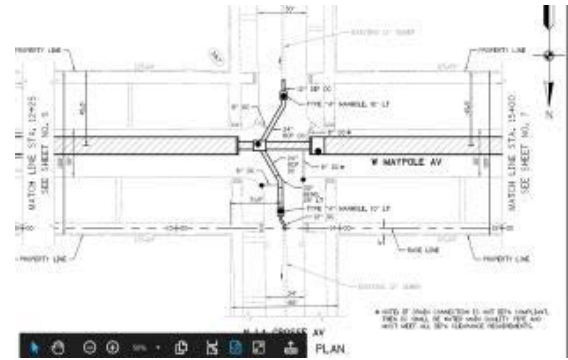
**Project Justification** This project will reduce the current load to the sewer system and alleviate flooding within the project area.

**Project Status** Negotiation / Evaluation




## LeMoynes Street and Maypole Avenue Underground Storage Projects in Chicago

<b>Project Number</b>	24-IGA-19
<b>Watershed</b>	Combined Sewer/Sanitary and Ship Canal Area
<b>Location</b>	Chicago, IL
<b>Engineering Consultant</b>	Not applicable
<b>Engineering Contractor</b>	Not applicable
<b>Estimated Construction Cost</b>	\$6,000,000
<b>Contract Award Date</b>	January 2025
<b>Substantial Completion Date</b>	September 2025
<b>Project Description</b>	This project will provide excess capacity to the combined sewer system through the use of large box culverts installed underground on half-block sections where other utilities are largely absent.
<b>Project Justification</b>	The culverts will provide flood relief during short, intense rain events.
<b>Project Status</b>	Negotiation / Evaluation



### IDOT 55th Street Relief Sewer - West Phase II in Countryside

<b>Project Number</b>	24-IGA-21		
<b>Watershed</b>	Lower Des Plaines River		
<b>Location</b>	Countryside, IL		
<b>Engineering Consultant</b>	Not applicable		
<b>Engineering Contractor</b>	Not applicable		
<b>Estimated Construction Cost</b>	\$1,621,500		
<b>Contract Award Date</b>	January 2025		
<b>Substantial Completion Date</b>	June 2025		
<b>Project Description</b>	This project will construct a 60-inch relief sewer on 55th Street, between La Grange Road and East Avenue.		
<b>Project Justification</b>	This project will provide flood relief benefits to the City of Countryside.		
<b>Project Status</b>	Negotiation / Evaluation		



### I-290 Frontage Road Sewer and Outfall in Maywood

**Project Number** 24-IGA-23

**Watershed** Lower Des Plaines River

**Location** Maywood, IL

**Engineering Consultant** Not applicable

**Engineering Contractor** Not applicable

**Estimated Construction Cost** \$5,707,000

**Contract Award Date** January 2025

**Substantial Completion Date** June 2025

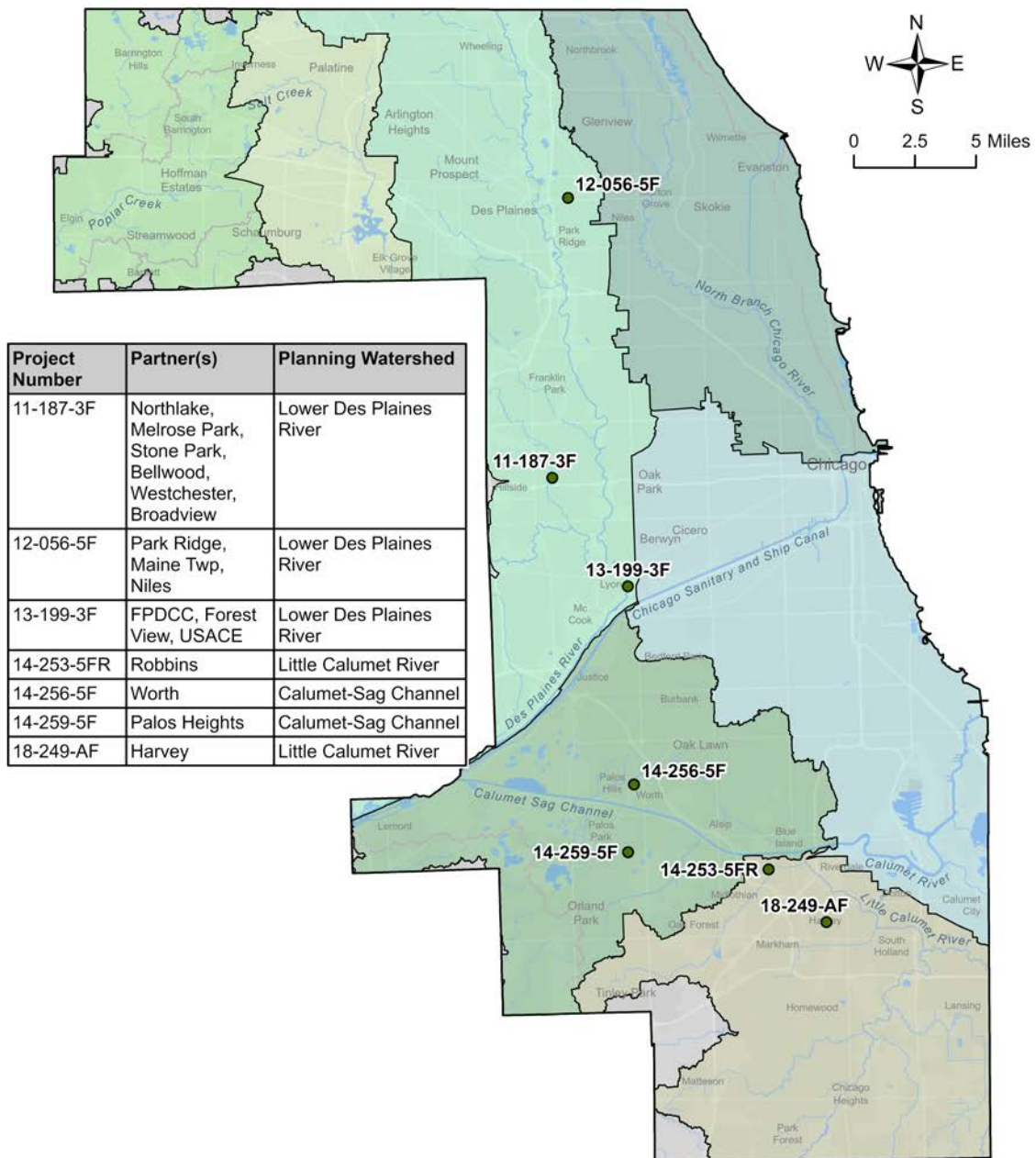
**Project Description** This project proposes, with IDOT, to construct a new large diameter trunk storm sewer along the I-290 Frontage Road with a dedicated outfall to the Des Plaines River.

**Project Justification** This project will reduce flooding on the interstate and provide a new outlet for flood-prone areas of Maywood.

**Project Status** Negotiation / Evaluation

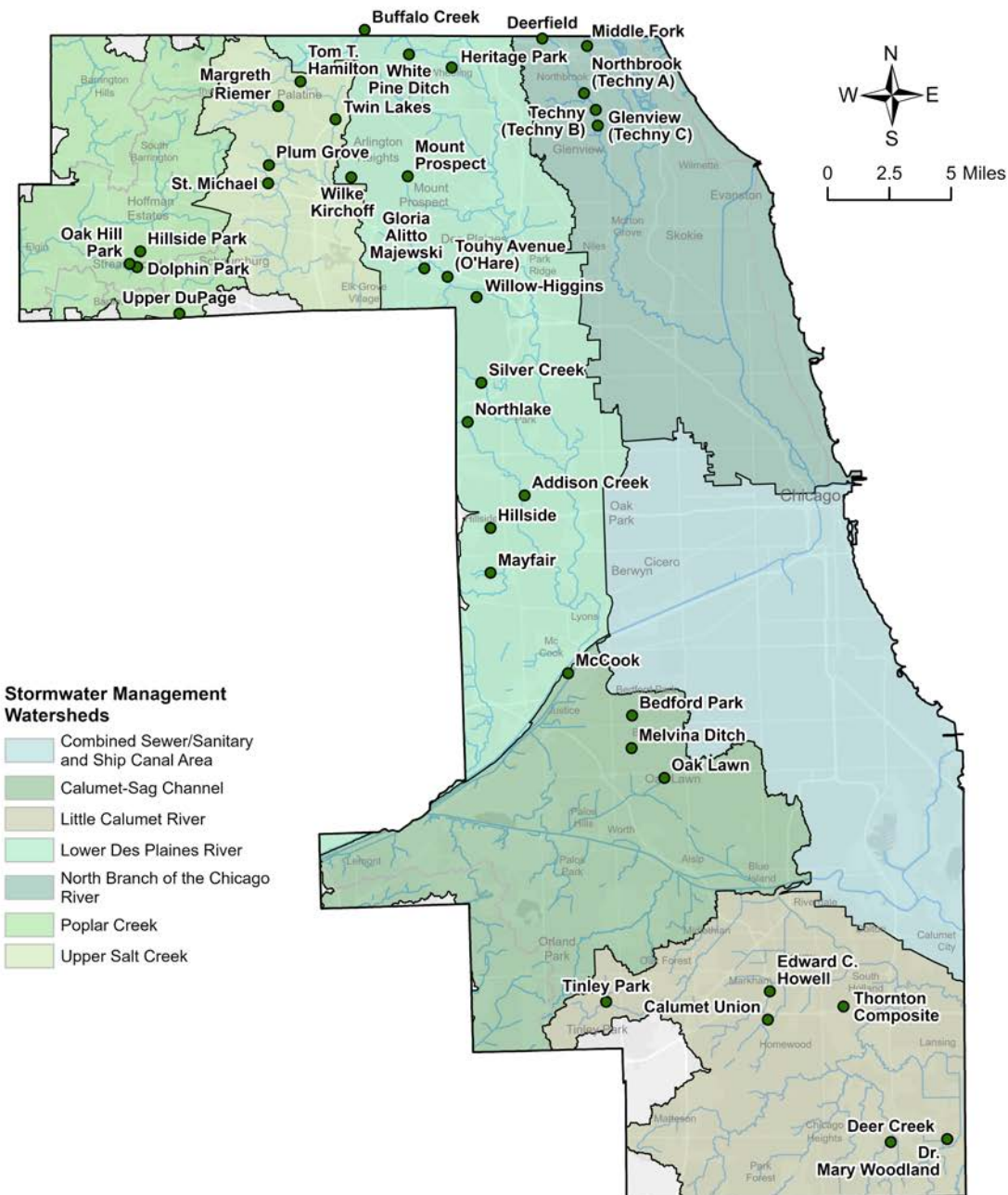


# STORMWATER MANAGEMENT PROJECTS FLOOD CONTROL

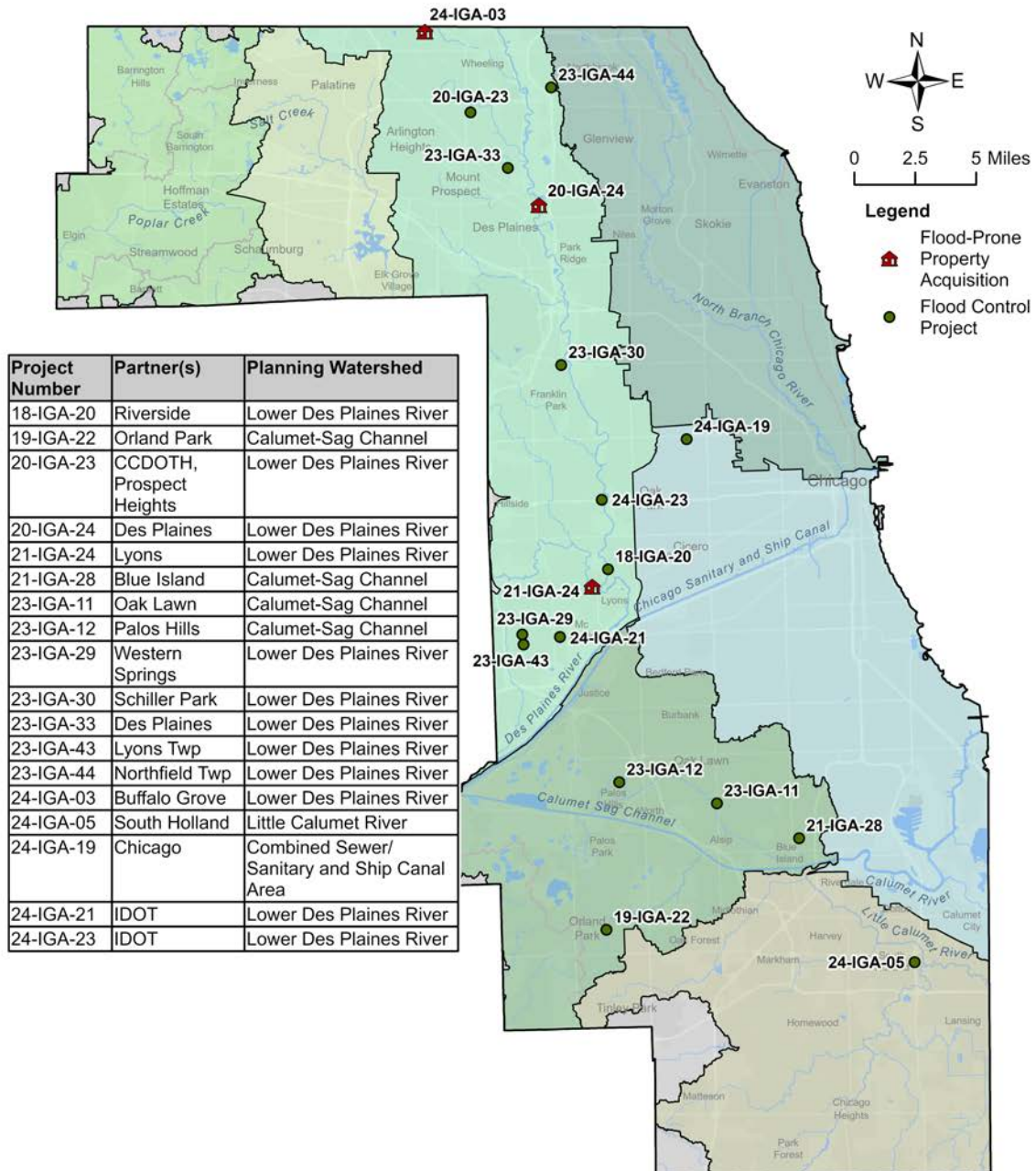


This map displays projects for award and under construction.

# EXISTING MWRD SUPPORTED FLOOD CONTROL RESERVOIRS



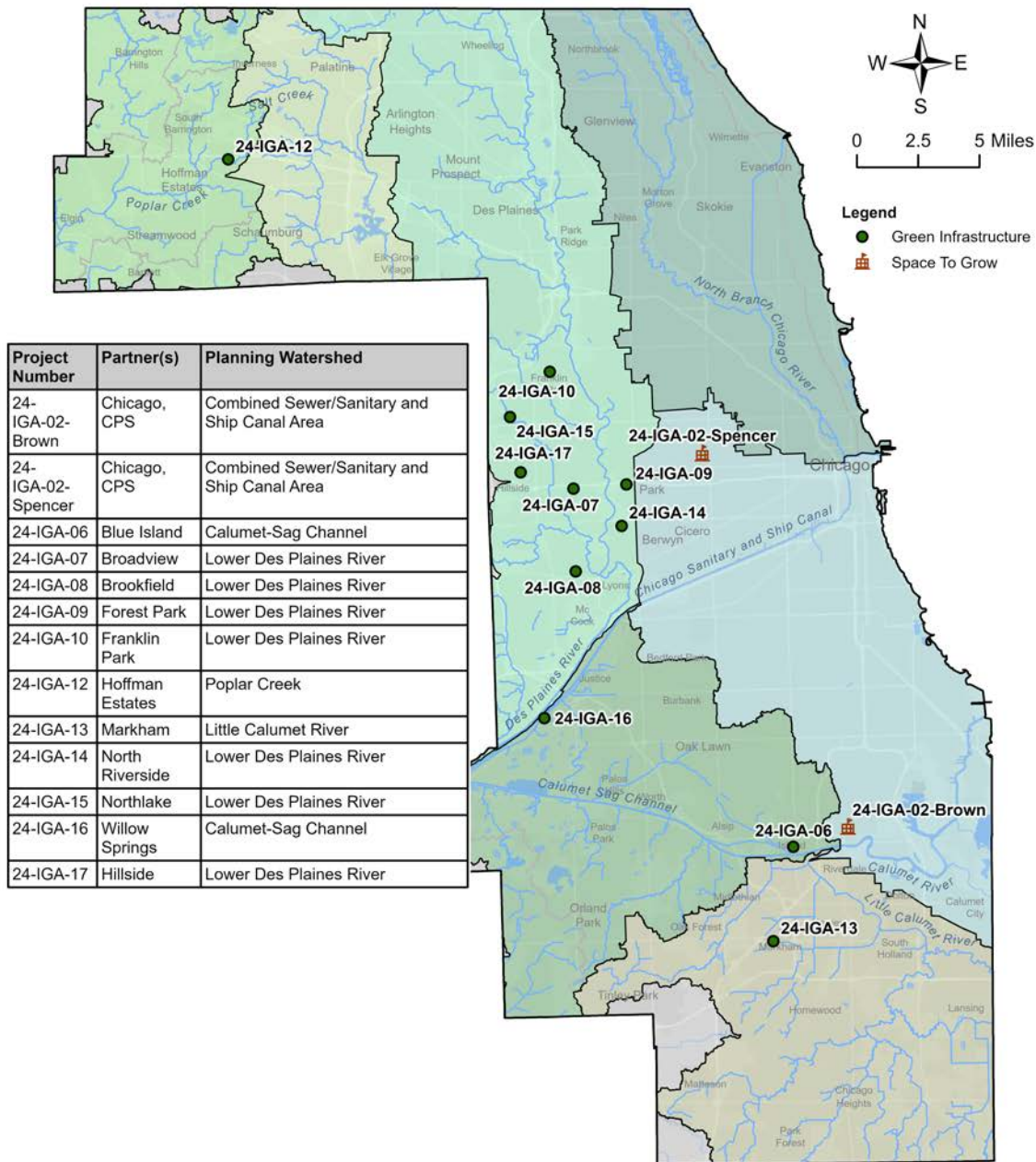
# STORMWATER MANAGEMENT PROJECTS INTERGOVERNMENTAL AGREEMENTS



This map displays projects for award and under construction.



# STORMWATER MANAGEMENT PROJECTS GREEN INFRASTRUCTURE



This map displays projects for award and under construction.

**50000 STORMWATER MANAGEMENT FUND**

**OBJECTIVES AND PROGRAM SUMMARY**

OBJECTIVES BY PRIORITY:		Cost	Percent
1.	Implementation of the Watershed Management Ordinance. Initiation of the program to improve flood control, manage runoff, improve water quality throughout Cook County, and clearly define uniform rules and regulations.	\$ 9,009,200	6.9 %
2.	Planning, design, and construction of stormwater management projects by the District or outside agencies under agreement.	\$ 115,105,100	88.1 %
3.	Operation and maintenance of natural and manmade drainageways for the purpose of stormwater management.	\$ 6,499,800	5.0 %
Totals		\$ 130,614,100	100.0 %

PROGRAMS BY PRIORITY:		2023	Budgeted		Change		
Number	Name	Actual	FTEs	Dollars	Dollars	Percent	
4310	Stormwater Management Planning	\$ 385,100	2025 1	\$ 1,416,200	\$ 992,200	234.0	a)
			2024 1	\$ 424,000			
4320	Stormwater Management Regulation	\$ 4,356,243	2025 44	\$ 5,252,300	\$ 308,800	6.2	b)
			2024 42	\$ 4,943,500			
4330	Operations and Maintenance	\$ 5,138,774	2025 26	\$ 6,324,100	\$ (1,463,300)	(18.8)	c)
			2024 26	\$ 7,787,400			
4340	Flood Mitigation Projects	\$ 45,360,883	2025 25	\$ 114,982,400	\$ (1,094,500)	(0.9)	d)
			2024 26	\$ 116,076,900			
4350	Administrative Overhead	\$ 1,570,434	2025 4	\$ 2,343,200	\$ 229,600	10.9	e)
			2024 4	\$ 2,113,600			
7604	Social Security and Medicare Contributions	\$ 148,797	2025 —	\$ 175,700	\$ 3,400	2.0	
			2024 —	\$ 172,300			
7700	Grants, Loans, Permits and Government Operations	\$ —	2025 2	\$ 120,200	\$ 120,200	100.0	f)
			2024 —	\$ —			
Totals		\$ 56,960,231	2025 102	\$ 130,614,100	\$ (903,600)	(0.7)%	
			2024 99	\$ 131,517,700			

- a) Increase is due to an increase in scope of the contract for Program Management of Stormwater Master Planning in Separate Sewer Service Area (\$1,015,000).
- b) Increase is due to the addition of two FTE positions (\$195,800) and the reallocation of salaries to more accurately reflect current activities (\$57,000).
- c) Decrease is due to a shift from some small streams maintenance work being performed by outside contractors to District staff (\$1,865,000), offset by the addition of a contract for mowing services at the reservoirs (\$464,300).
- d) The projects proposed for each year are based on detailed watershed plans identifying flooding problems within each of the six major watersheds. The number of actual projects awarded may not, on face value, qualify performance. There are several factors that could either increase or decrease the number of projects awarded. Some of these facts are project size and complexity, project schedules, intergovernmental agreements' lead times, and unforeseen obstacles. The numbers are provided only as a general indicator of performance.
- e) Increase is due to the inclusion of District-wide Stormwater Management Fund general salary adjustment (\$197,600).
- f) Increase is due to the addition of one FTE position for grant applications (\$78,800) and one FTE position for grant processing (\$41,400).

**50000 STORMWATER MANAGEMENT FUND**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated	
4310	Stormwater Management Planning					
4311	Watershed Councils	Cost	\$ 42,136	\$ 47,700	\$ 48,600	
4313	Watershed Plan Development	Cost	\$ 274,926	\$ 300,000	\$ 1,315,000	a)
4314	Publications and Public Information	Cost	\$ 24,380	\$ 28,000	\$ 2,500	b)
4315	Geographic Information System	Cost	\$ 43,658	\$ 48,300	\$ 50,100	
4320	Stormwater Management Regulation					
4321	Permits	Cost	\$ 2,129,710	\$ 2,572,300	\$ 2,718,900	
4322	Watershed Management Ordinance Development	Cost	\$ 255,679	\$ 278,000	\$ 289,300	
4323	Inspections	Cost	\$ 1,538,950	\$ 1,611,200	\$ 1,717,600	
4324	Watershed Management Ordinance Administration	Cost	\$ 238,556	\$ 277,100	\$ 318,400	
4326	Watershed Management Ordinance Infiltration/Inflow Control Program	Cost	\$ 193,348	\$ 204,900	\$ 208,100	
4330	Operations & Maintenance					
4331	Stormwater Detention Reservoir Activity	Cost	\$ 1,413,748	\$ 1,457,100	\$ 1,584,400	
4332	Small Streams Maintenance	Cost	\$ 2,803,416	\$ 5,374,100	\$ 3,698,500	c)
	Debris Cubic Yards Removed		17,713	23,000	23,000	
	Cost per Cubic Yard		\$ 158.27	\$ 233.66	\$ 160.80	c)
4334	Operations & Maintenance Contracted with Other Governments	Cost	\$ 185,656	\$ 186,200	\$ 189,000	
4335	Waterways Debris Removal	Cost	\$ 735,954	\$ 770,000	\$ 852,200	
a) Increase is due to an increase in scope of the contract for Program Management of Stormwater Master Planning in Separate Sewer Service Area (\$1,015,000). b) Decrease is due to the reallocation of salaries to more accurately reflect current activities (\$24,400). c) Decrease is due to a shift from some small streams maintenance work being performed by outside contractors to District staff (\$1,865,000), and the decrease in the number of crew cab truck purchases (\$349,200), offset by the addition of a contract for mowing services at the reservoirs (\$464,300).						

**50000 STORMWATER MANAGEMENT FUND**

**PERFORMANCE DATA**

Program Number	Measurable Activity		2023 Actual	2024 Budgeted	2025 Estimated	
4340	Flood Mitigation Projects					
4341	Planning/Design	Cost	\$ 4,678,352	\$ 8,475,100	\$ 9,352,400	d)
4342	Contract Administration	Cost	\$ 654,565	\$ 752,200	\$ 781,600	
4343	Construction	Cost	\$ 18,476,666	\$ 72,560,100	\$ 52,326,500	d)
4344	Flood Mitigation Projects Contracted with Other Governments	Cost	\$ 21,149,327	\$ 31,235,300	\$ 44,316,700	d)
4345	Land and Easements	Cost	\$ 401,973	\$ 3,054,200	\$ 8,205,200	e)
4350	Administrative Overhead	Cost	\$ 1,570,434	\$ 2,113,600	\$ 2,343,200	f)
7604	Social Security and Medicare Contributions	Cost	\$ 148,797	\$ 172,300	\$ 175,700	
7700	Grants, Loans, Permits and Government Operations					
7701	Grant/Loan Applications	Cost	\$ —	\$ —	\$ 78,800	g)
7703	Grant/Loan Processing	Cost	\$ —	\$ —	\$ 41,400	h)
<b>Totals</b>			<b>\$ 56,960,231</b>	<b>\$ 131,517,700</b>	<b>\$ 130,614,100</b>	

- d) The projects proposed for each year are based on detailed watershed plans identifying flooding problems within each of the six major watersheds. The number of actual projects awarded may not, on face value, qualify performance. There are several factors that could either increase or decrease the number of projects awarded. Some of these facts are project size and complexity, project schedules, intergovernmental agreements' lead times, and unforeseen obstacles. The numbers are provided only as a general indicator of performance.
- e) Increase is due to land acquisition and easements for the Flood Control Project on Central Road in Des Plaines (\$5,900,000), the increase in special counsel and other legal services (\$100,000), and increases in legal services for land acquisition in Addison Creek (\$80,000) and in Midlothian Creek (\$65,900), offset by the decrease in general right-of-way properties for stormwater projects (\$900,000) and the decrease in legal services for land acquisition in Central Park, Harvey (\$100,000).
- f) Increase is due to the inclusion of District-wide Stormwater Management Fund general salary adjustment (\$197,600).
- g) Increase is due to the addition of one FTE position for grant applications (\$78,800).
- h) Increase is due to the addition of one FTE position for grant processing (\$41,400).



501 50000	Fund: Stormwater Management	LINE ITEM ANALYSIS						
		2023	2024				2025	
		Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24
601010	Salaries of Regular Employees	\$ 10,382,290	\$ 11,375,800	\$ 11,375,800	\$ 7,986,680	\$ 10,883,500	\$ 11,904,800	\$ —
601060	Compensation Plan Adjustments	243,055	396,200	396,200	76,869	148,900	455,000	—
601070	Social Security and Medicare Contributions	148,797	172,300	172,300	118,836	152,900	175,700	—
601080	Salaries of Nonbudgeted Employees	—	10,000	10,000	—	—	10,000	—
601100	Tuition and Training Payments	40,458	62,400	62,400	19,146	37,200	82,300	—
601250	Health and Life Insurance Premiums	919,730	1,139,900	1,139,900	647,355	1,059,300	1,193,700	—
601270	General Salary Adjustments	—	—	—	—	—	197,600	—
100	TOTAL PERSONAL SERVICES	11,734,329	13,156,600	13,156,600	8,848,886	12,281,800	14,019,100	—
612010	Travel	8,215	9,600	9,600	7,477	9,500	9,500	—
612030	Meals and Lodging	14,137	21,200	21,200	11,759	20,800	21,100	—
612040	Postage, Freight, and Delivery Charges	581	4,000	4,000	4,000	500	2,500	—
612050	Compensation for Personally-Owned Automobiles	919	6,500	6,500	273	700	5,500	—
612080	Motor Vehicle Operating Services	—	900	900	115	500	1,100	—
612250	Court Reporting Services	7,261	22,000	22,000	13,243	10,700	14,000	—
612280	Subscriptions and Membership Dues	27,925	25,700	25,700	7,891	20,000	20,000	—
612330	Rental Charges	51,006	53,000	53,000	52,357	50,900	12,900	—
612400	Intergovernmental Agreements	20,862,473	30,885,900	30,885,900	22,230,813	20,990,200	43,954,400	—
612410	Governmental Service Charges	—	500	500	500	500	500	—
612420	Maintenance of Grounds and Pavements	—	—	200,000	—	—	150,000	—
612430	Payments for Professional Services	369,548	795,100	737,900	450,365	443,900	883,300	—
612440	Preliminary Engineering Reports and Studies	297,233	1,325,800	1,595,900	1,570,011	1,094,700	1,815,000	—
612450	Professional Engineering Services for Construction Projects	3,797,412	8,162,200	7,949,300	7,509,484	4,688,400	10,025,900	—
612490	Contractual Services, N.O.C.	156,021	303,500	303,500	168,750	131,400	274,900	—
612520	Waste Material Disposal Charges	135,694	285,000	285,000	160,000	112,900	160,000	—
612620	Repairs to Waterway Facilities	2,094,957	3,865,000	3,665,000	1,819,384	1,836,700	2,464,300	—
612790	Repairs to Marine Equipment	32,070	82,100	82,100	82,050	42,000	82,100	—
612800	Repairs to Office Furniture and Equipment	3,655	6,000	6,000	4,600	3,500	6,000	—
612990	Repairs, N.O.C.	200	2,000	2,000	2,000	1,800	2,000	—
200	TOTAL CONTRACTUAL SERVICES	27,859,307	45,856,000	45,856,000	34,095,072	29,459,600	59,905,000	—

501 50000	Fund: Stormwater Management	LINE ITEM ANALYSIS						
		2023	2024				2025	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623130	Buildings, Grounds, Paving Materials, and Supplies	4,998	5,000	5,000	3,865	5,000	7,500	—
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	8,306	17,800	17,400	15,996	13,000	17,200	—
623560	Processing Chemicals	3,755	5,000	5,000	5,000	5,000	7,500	—
623680	Tools and Supplies	3,434	11,500	11,500	6,500	8,200	13,500	—
623700	Wearing Apparel	7,351	9,500	9,900	8,890	8,500	10,000	—
623720	Books, Maps, and Charts	—	—	—	—	—	200	—
623820	Fuel	6,667	9,000	9,000	9,000	6,700	9,000	—
623990	Materials and Supplies, N.O.C.	195,469	160,000	160,000	155,860	156,000	160,000	—
300	TOTAL MATERIALS AND SUPPLIES	229,979	217,800	217,800	205,111	202,400	224,900	—
634790	Marine Equipment	—	—	—	—	—	50,000	—
634810	Computer Equipment	—	20,000	20,000	16,995	17,000	—	—
634860	Vehicle Equipment	—	600,000	600,000	498,378	247,700	250,800	—
634990	Machinery and Equipment, N.O.C.	12,733	30,000	30,000	9,470	12,000	40,000	—
400	TOTAL MACHINERY AND EQUIPMENT	12,733	650,000	650,000	524,843	276,700	340,800	—
645620	Waterway Facilities Structures	16,921,603	69,071,900	69,071,900	62,380,676	40,986,600	48,548,900	—
645630	Army Corps of Engineers Services	49,999	—	—	—	—	—	—
645690	Capital Projects, N.O.C.	—	100,000	100,000	—	20,000	100,000	—
645720	Preservation of Waterway Facility Structures	152,280	165,400	165,400	77,075	12,000	175,400	—
500	TOTAL CAPITAL PROJECTS	17,123,882	69,337,300	69,337,300	62,457,751	41,018,600	48,824,300	—
667330	Right-of-Way Properties	—	1,900,000	1,900,000	—	2,147,500	6,900,000	—
667340	Payments for Easements	—	400,000	400,000	—	100,000	400,000	—
700	TOTAL FIXED AND OTHER CHARGES	—	2,300,000	2,300,000	—	2,247,500	7,300,000	—
TOTAL STORMWATER MANAGEMENT FUND		\$ 56,960,230	\$ 131,517,700	\$ 131,517,700	\$ 106,131,663	\$ 85,486,600	\$ 130,614,100	\$ —

NOTES: 1. Amounts may not add up due to rounding.  
 2. Departmental appropriation totals for salaries in the Line Item Analysis may differ from those contained in the Position Analysis by a factor identified to adjust for vacancies.  
 Additionally, Estimated Expenditure may either exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.

Fund: Stormwater Management		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>50000</b>	<b>Engineering Department</b>					
<b>511</b>	<b>Stormwater Management Administration Section</b>					
HP16	Grant Administrator	—	—		1	
HP14	Grant Writer	—	—		1	
TOTAL 511	Stormwater Management Administration Section	—	—	—	2	207,360
<b>516</b>	<b>Local Sewer Systems Section</b>					
HP18	Principal Civil Engineer	3	3		3	
HP17	Senior Civil Engineer	10	10		10	
HP15	Associate Civil Engineer	9	9		10	
HP14	Assistant Civil Engineer	8	8		9	
HP14	Engineering Technician V	3	3		3	
HP12	Engineering Technician IV	7	7		7	
HP12	Engineering Technician IV #4	1	1		1	
HP09	Administrative Clerk	1	1		1	
TOTAL 516	Local Sewer Systems Section	42	42	4,894,222	44	5,148,612
<b>522</b>	<b>Stormwater Management Section</b>					
HP20	Managing Civil Engineer	1	1		1	
HP18	Principal Civil Engineer	4	4		4	
HP17	Senior Civil Engineer	8	8		8	
HP15	Associate Civil Engineer	7	6		6	
HP14	Assistant Civil Engineer	3	4		4	
HP14	Public Affairs Specialist	1	1		—	
HP14	Public Affairs Specialist #1	—	—		1	
HP11	Administrative Specialist	2	2		1	
TOTAL 522	Stormwater Management Section	26	26	3,376,140	25	3,382,860
<b>556</b>	<b>Construction Field Services Section</b>					
HP17	Senior Civil Engineer	1	1		1	
HP15	Associate Civil Engineer	1	1		1	

Fund: Stormwater Management		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
HP14	Engineering Technician V	1	1		1	
HP12	Engineering Technician IV	1	—		—	
TOTAL 556	Construction Field Services Section	4	3	377,364	3	378,036
TOTAL	Engineering Department	72	71	8,647,725	74	9,116,868
<b>60000</b>	<b>Maintenance &amp; Operations Department</b>					
<b>630</b>	<b>General Division</b>					
<b>634</b>	<b>Channel Maintenance Unit</b>					
HP18	Principal Engineer	1	1		1	
HP15	Associate Civil Engineer	1	1		1	
TOTAL 634	Channel Maintenance Unit	2	2	277,077	2	290,054
<b>636</b>	<b>Boat Operations Unit</b>					
HP14	Engineering Technician V	2	2		2	
HP12	Engineering Technician IV	2	2		2	
NR8650	Maintenance Laborer Class A Shift	2	2		2	
TOTAL 636	Boat Operations Unit	6	6	617,320	6	649,294
<b>639</b>	<b>Channel Maintenance Unit</b>					
HP15	Associate Civil Engineer	1	1		1	
HP14	Engineering Technician V	2	2		2	
NR8650	Maintenance Laborer Class A Shift	2	2		2	
TOTAL 639	Channel Maintenance Unit	5	5	517,331	5	534,653
<b>679</b>	<b>Collection System Unit</b>					
NR8331	Laborer Foreman	1	1		1	
NR8650	Maintenance Laborer Class A Shift	4	4		4	
PR6473	Truck Driver	1	1		1	
TOTAL 679	Collection System Unit	6	6	577,408	6	577,408
TOTAL 630	General Division	19	19	1,989,137	19	2,051,409

Fund: Stormwater Management		POSITION ANALYSIS				
		2023	2024		2025	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Proposed by the Executive Director	
					Budgeted FTEs	Appropriation in Dollars
<b>940</b>	<b>Stickney Service Area General Plant Services Section</b>					
<b>924</b>	<b>Stickney Maintenance Unit</b>					
PR7773	Pipefitter	1	1		1	
TOTAL 924	Stickney Maintenance Unit	1	1	114,400	1	118,560
<b>934</b>	<b>Stickney Mechanical Operations Unit</b>					
NR8650	Maintenance Laborer Class A Shift	4	4		4	
NR6831	Operating Engineer I	4	4		4	
TOTAL 934	Stickney Mechanical Operations Unit	8	8	856,627	8	856,627
TOTAL 940	Stickney Service Area General Plant Services Section	9	9	971,027	9	975,187
TOTAL	Maintenance & Operations Department	28	28	2,960,164	28	3,026,596
TOTAL	Stormwater Management	100	99	11,607,889	102	12,143,464

NOTES: 1. The positions budgeted are funded by the Stormwater Management Fund while the operations remain in the Engineering and Maintenance & Operations Departments.  
 2. Departmental appropriation totals for salaries in the Position Analysis differ from those contained in the Line Item Analysis by a factor identified to adjust for vacancies. Salary ranges corresponding to the pay plan and grade for each class title can be found in the table of Salary Schedules in the Appendix. Dollar amounts may not add up due to rounding.

# SECTION VII

## OTHER FUNDS

Other funds included in the annual District Budget are: the Reserve Claim Fund, Bond Redemption & Interest Fund, Retirement Fund, Corporate Working Cash Fund, Construction Working Cash Fund, and Stormwater Working Cash Fund.

The Reserve Claim Fund is used to accumulate resources for the payment of claims and judgments against the District, as well as for emergency repair or replacement of District facilities. A narrative description of the purpose and operation of this fund is contained in this section along with an appropriation schedule. A tax levy ordinance for this fund is presented in Section VIII of this Budget.

The Bond Redemption & Interest Fund is used to accumulate the proceeds from property taxes and investment income, which are set aside to pay the principal and interest on the outstanding bond issues of the District. These funds are segregated and accounted for by each bond issue. A narrative description of this fund and an appropriation schedule, detailing payment of principal and interest during 2025, are included in this section. A tax levy ordinance for the principal and interest due in 2025 and 2026 from the Bond Redemption & Interest Fund is included in Section VIII of this Budget. Statements of Outstanding Bonds and Estimated Statutory Debt Margin, with a graphic illustration of past, current, and estimated future debt service, are included in the Budget and Financial Summaries, Schedules, and Exhibits section, starting on page 48.

The Retirement Fund is the pension plan for District employees, accounted for in a trust fund the Illinois Compiled Statutes established as a legal entity separate and distinct from the District. This section contains an appropriation of taxes the District received on behalf of the Retirement Fund. A tax levy ordinance for this fund is presented in Section VIII of this Budget.

The District utilizes Corporate, Construction, and Stormwater Working Cash Funds, as authorized by Illinois Compiled Statutes, to make temporary loans to the Corporate, Construction, and Stormwater Management Funds. Loans are repaid to the Working Cash Funds from the tax levies of the funds. The use of Working Cash Funds eliminates the need to issue short-term financing. There will be no tax levies for the Corporate, Construction, or Stormwater Working Cash Funds in 2025.

### Reserve Claim Fund:

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### Bond Redemption & Interest Fund:

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### Retirement Fund:

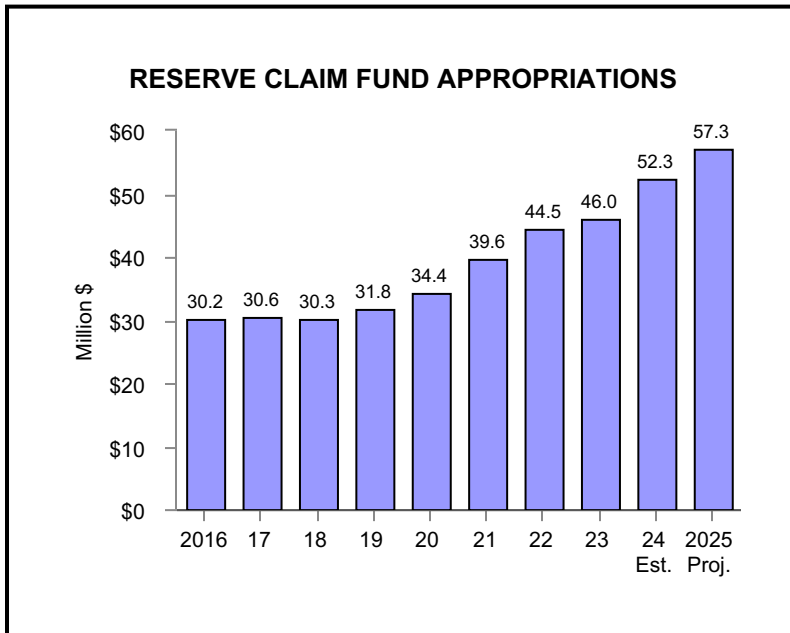
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# RESERVE CLAIM FUND

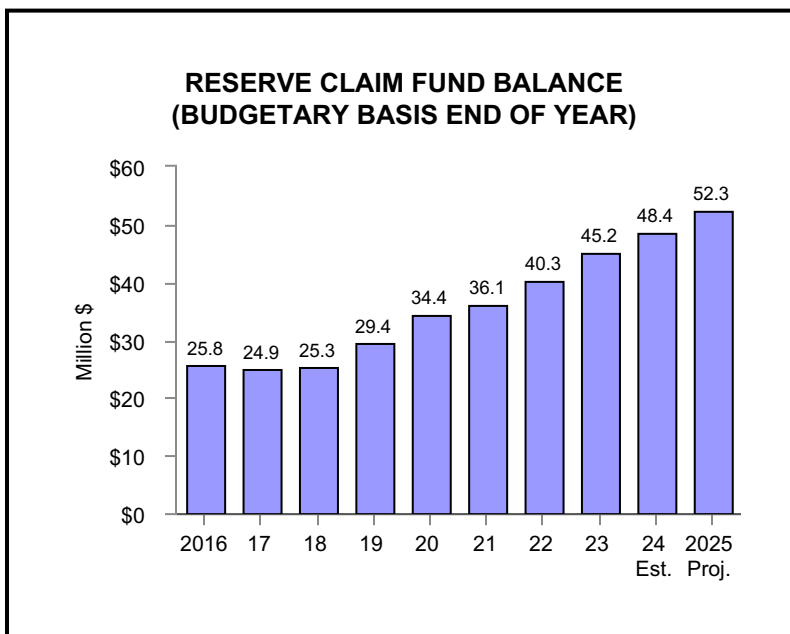
## Description of Fund, Purpose, and Operation

The Reserve Claim Fund is the District’s self-insurance fund. It is maintained at an appropriation level adequate to meet potential liabilities. The fund is capable of providing coverage for those risks that can be expected to be encountered and is able to pay such claims without exposing the agency to financial risk that could curtail normal operations of protecting the public health, safety, and welfare.

A property tax levy limited by law at 0.5 cents per \$100 of equalized assessed valuation (EAV) provides funds for this purpose. The accumulation of funds, per Illinois State Statute, is not to exceed 0.05 percent of the EAV, or approximately \$97.8 million. Resources are accumulated in this fund to the extent that revenue from the annual tax levy and investment income on the fund balance is reduced by the payment of claims.



The policy, set by the Board of Commissioners, is to accumulate a reserve fund balance towards the statutory limit and to levy at the statutory tax rate limit. This policy is similar in function to insurance reserves. The estimated 2024 year-end fund balance is \$48.4 million and the projection for 2025 is \$52.3 million.

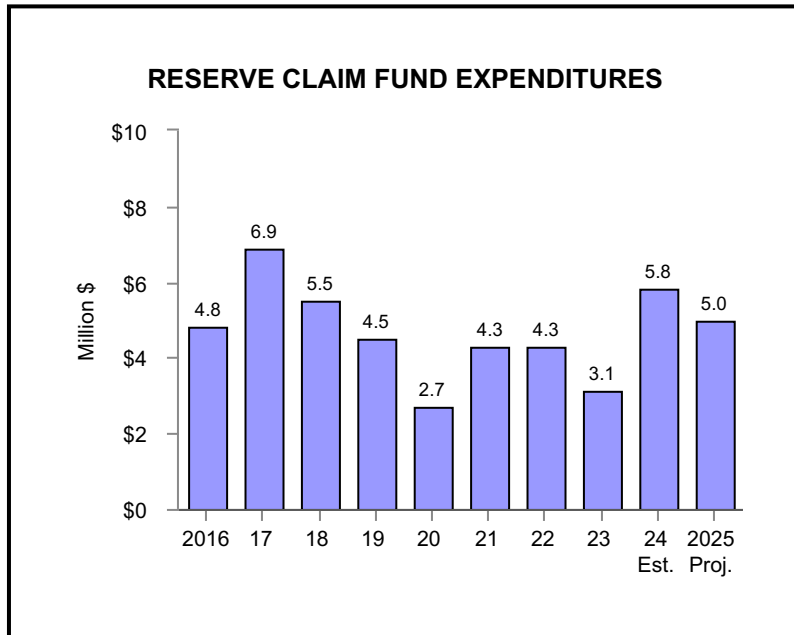


The Statutory Limit for Budget Year 2025  
Proj. is \$97.8 million.

**Description of Fund, Purpose, and Operation (continued)**

The appropriation for the Reserve Claim Fund is not designed to be spent during any one budget year. The available fund balance plus new revenue to be received must be appropriated each year to authorize the District to fund emergencies and to settle large claims or lawsuits. Designation is also provided for accounts payable and other contingent liabilities. For 2025, accounts payable and other liabilities are estimated at \$1.2 million. The designation for liabilities is reviewed and adjusted on an annual basis.

The fund is appropriated in two line items, Account 601090 (Employee Claims) and Account 667220 (General Claims and Emergency Repair and Replacement Costs). Account 601090 is for the payment of workers' compensation and other District employee claims, while Account 667220 is used to pay general claims or judgments against the District, as well as emergency repairs or replacements of District facilities. District staff makes considerable efforts to control claim expenditures by implementing aggressive safety training programs and returning employees to work as soon as possible.





901	Fund: Reserve Claim	LINE ITEM ANALYSIS						
		2023	2024				2025	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/24	Expenditure (Committed Budget plus Disbursement) 09/30/24	Estimated Expenditure 12/31/24	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601090	Employee Claims	\$ 2,873,698	\$ 10,000,000	\$ 10,000,000	\$ 2,584,345	\$ 3,500,000	\$ 10,000,000	\$ —
100	TOTAL PERSONAL SERVICES	2,873,698	10,000,000	10,000,000	2,584,345	3,500,000	10,000,000	—
667220	General Claims and Emergency Repair and Replacement Costs	237,044	42,315,900	42,315,900	2,351,285	2,300,000	47,286,800	—
700	TOTAL FIXED AND OTHER CHARGES	237,044	42,315,900	42,315,900	2,351,285	2,300,000	47,286,800	—
TOTAL RESERVE CLAIM FUND		\$ 3,110,742	\$ 52,315,900	\$ 52,315,900	\$ 4,935,630	\$ 5,800,000	\$ 57,286,800	\$ —
NOTE: Amounts may not add up due to rounding.								

# BOND REDEMPTION & INTEREST FUND

## Description of Fund, Purpose, and Operation

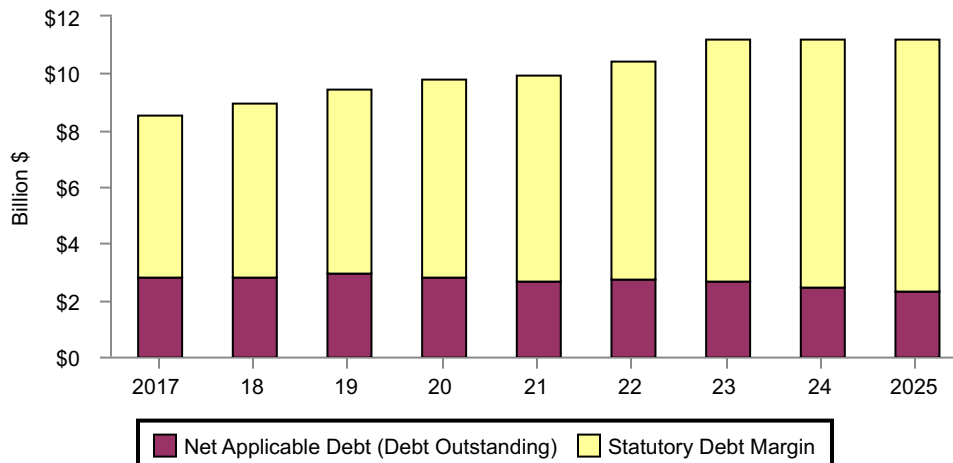
The District's Bond Redemption & Interest Fund is a debt service fund established to account for annual property tax levies and certain other revenues, principally interest on investments, which are used for the payment of interest and redemption of general obligation bond issues. Sub-funds are established for each debt issue. The 2025 appropriation for bond redemption and interest payments is \$234,620,974.

## Debt Limits, Margins, and Borrowing Authority

Applicable Illinois State Statutes establish the following limitations relative to the District:

- General Obligation Notes may be issued at an amount not to exceed 85 percent of the current General Corporate Fund tax levy.
- The District may fund up to 100 percent of the aggregate total of the estimated amount of taxes levied or to be levied for corporate purposes plus the General Corporate Fund portion of the personal property replacement tax allocation certified for distribution during the budget year, through borrowing from the Corporate Working Cash Fund and the issuance of tax anticipation notes or warrants.
- The District's debt may not exceed 5.75 percent of the last published equalized assessed valuation (EAV) of taxable real property (\$195.7 billion for 2023) within the District boundary. On December 31, 2024, the District's statutory debt limit is estimated at \$11.3 billion, with a net applicable debt of \$2.4 billion and an estimated statutory debt margin of approximately \$8.9 billion.

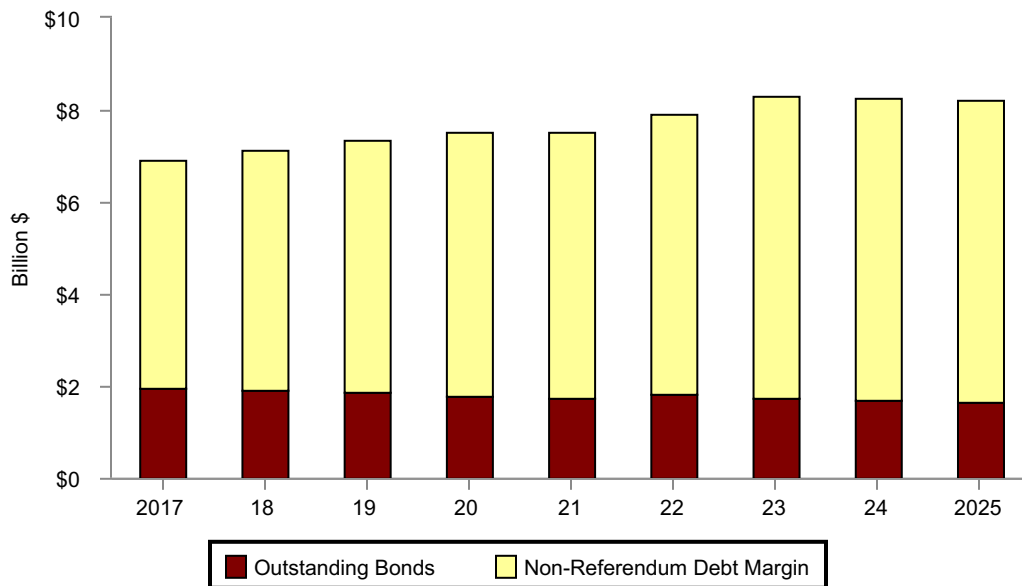
**Net Debt and Statutory Debt Margin**



- The amount of non-referendum Capital Improvements Bonds which may be outstanding may not exceed 3.35 percent of the last-known EAV of taxable real property within the District boundary. On December 31, 2024, it is estimated that the District's outstanding capital improvement and refunding bonds will total \$1.6 billion with a non-referendum statutory debt limit of \$6.6 billion and a non-referendum bonded debt margin of \$4.9 billion.
- The Illinois Compiled Statutes provide authorization for the funding of the District's Capital Improvement Program by the issuance of non-referendum Capital Improvements Bonds through the year 2034, as extended, effective January 1, 2020. Bonds may be issued during any one budget year in an amount not to exceed \$150.0 million plus the amounts of any bonds authorized and unissued during the three preceding budget years. This amount was increased from \$100.0 million during 2003 as the result of Public Act 93-0279. The extension of non-referendum bonding authority is a significant change that accommodates funding of the capital program as planned. Build America Bonds were issued in the amount of \$600.0 million in August 2009, and were exempted from the non-referendum authority by statute.
- Under the Tax Cap laws, "limited bonds" can be issued to the extent that the total debt service requirements of any new debt, when combined with existing debt service, does not exceed the debt service extension base established by the Act. The debt service extension limitation for the District, related to the 2024 tax year, is \$200.1 million.

**Description of Fund, Purpose, and Operation (continued)**

**Non-Referendum Debt Limit and Margin**



- 1997 legislation expanded the “limited bond” authority for the District. Public Act 90-0485 excludes debt associated with the Tunnel and Reservoir Plan program from the limitations imposed by prior Tax Cap legislation.
- Public Act 96-0501 allows for an annual increase in this debt service extension limitation base by the lesser of five percent or the percentage increase in the Consumer Price Index beginning with the 2009 levy.

# BOND REDEMPTION & INTEREST FUND

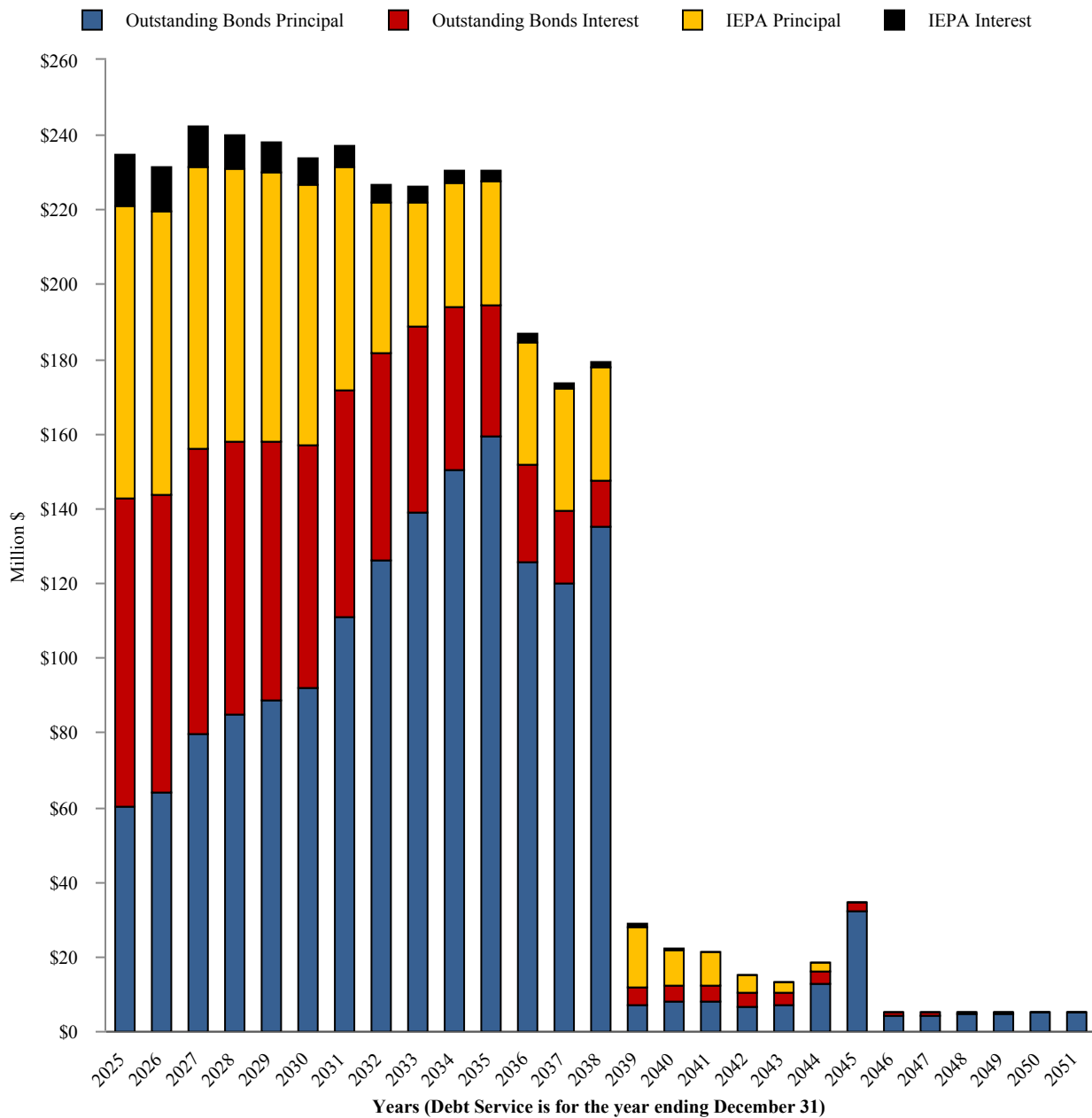
## Description of Fund, Purpose, and Operation (continued)

### Current and Future Bond Debt Service

The exhibit below reflects the current debt service obligation of the District. Bond sale proceeds provide partial financing for the ongoing new construction and rehabilitation program of the District. As current State Revolving Fund loans are converted to bonds, additional annual debt service will be added. These amounts will be in the range of \$6.0 to \$10.0 million per year.

The debt for future bond sales is not included in this exhibit. Future bond sales are based on estimated cash flow requirements of the Capital Improvements Bond Fund new construction and rehabilitation program. The estimates for total debt service assuming future bond sales are included in the Five-Year Financial Forecast in [Section II](#), Budget and Financial Summaries, Schedules, and Exhibits, of this budget document.

**District General Obligation Bonded Debt Service  
(Includes IEPA Debt)**



**BOND REDEMPTION & INTEREST FUND**

**Appropriation for Payment of Outstanding Bonds During the Year 2025**

BOND ISSUE	RATES OF INTEREST	January 1, 2025		July 1, 2025		TOTAL PAYABLE
		INTEREST PAYABLE	PRINCIPAL PAYABLE	INTEREST PAYABLE	PRINCIPAL PAYABLE	
<b>Capital Improvements Bonds - Series:</b>						
2016 Qualified Energy Conservation Limited Tax Series F	4.0	\$ 80,000 (1)	\$ —	\$ 80,000 (2)	\$ — (2)	\$ 160,000
2009 Limited Tax Series	5.7	17,160,000 (1)	—	17,160,000 (2)	— (2)	34,320,000
2014 Limited Tax Series C	2.0 to 5.0	1,211,750 (1)	—	1,211,750 (2)	3,135,000 (2)	5,558,500
2016 Alternate Revenue Unlimited Tax Series E	5.0	1,161,375 (1)	—	1,161,375 (2)	1,300,000 (2)	3,622,750
2016 Unlimited Tax Series C	5.0	750,000 (1)	—	750,000 (2)	— (2)	1,500,000
2016 Limited Tax Series D	5.0	357,000 (1)	—	357,000 (2)	2,100,000 (2)	2,814,000
2021 Limited Tax Series A	4.0 to 5.0	2,628,025 (1)	—	2,628,025 (2)	— (2)	5,256,050
2021 Unlimited Tax Series B	5.0	750,000 (1)	—	750,000 (2)	— (2)	1,500,000
<b>State Revolving Fund Bonds - Series:</b>						
14M SRF L175372	1.750	\$ 9,309	\$ 35,103	\$ 9,002	\$ 35,410	\$ 88,824
14N SRF L175371	1.750	8,867	33,434	8,573	33,726	84,600
14O SRF L175305	1.750	20,969	75,903	20,305	76,566	193,743
16A SRF L174555	1.750	834,657	3,021,265	808,220	3,047,701	7,711,843
14P SRF L175369	1.560	23,326	95,979	22,577	96,727	238,609
16C SRF L175367	1.760	232,073	771,967	225,279	778,759	2,008,078
14Q SRF L175539	1.760	22,726	72,823	22,085	73,464	191,098
14R SRF L175517	1.840	326,789	894,591	318,558	902,820	2,442,758
21E SRF L175569	1.110	36,456	155,749	35,592	156,612	384,409
16G SRF L174708	2.000	144,990	360,155	141,389	363,756	1,010,290
16H SRF L172130	2.000	123,552	306,902	120,483	309,971	860,908
16I SRF L173798	2.000	242,236	562,334	236,613	567,958	1,609,141
21D SRF L175523	1.110	23,412	94,477	22,888	95,002	235,779
16K SRF L172741	2.000	26,946	71,867	26,227	72,586	197,626
16N SRF L175578	1.350	51,144	165,633	50,025	166,750	433,552
21G SRF L174620	1.110	104,412	421,345	102,073	423,683	1,051,513
16P SRF L172744	1.350	54,852	206,607	53,456	208,000	522,915
16O SRF L173801	1.350	18,224	59,020	17,826	59,418	154,488
21C SRF L172742	1.110	37,337	150,668	36,500	151,504	376,009
21N SRF L175165	1.610	27,948	73,915	27,353	74,510	203,726
14B SRF L175171	2.210	19,782	68,789	19,022	69,549	177,142
14C SRF L174559	2.295	90,748	564,676	84,269	571,154	1,310,847
14D SRF L175263	1.860	88,205	310,638	85,316	313,526	797,685
14E SRF L173062	1.860	313,908	1,060,898	304,041	1,070,764	2,749,611
14F SRF L175342	1.750	545,373	1,825,865	529,397	1,841,842	4,742,477
14G SRF L175152	1.860	140,838	475,981	136,410	480,406	1,233,635
14H SRF L175355	1.860	7,604	30,565	7,320	30,849	76,338
14K SRF L175366	1.860	35,446	124,833	34,285	125,993	320,557
14L SRF L175368	1.750	34,818	131,293	33,669	132,441	332,221
09D SRF L174558	2.295	192,600	1,119,662	179,751	1,132,510	2,624,523
12A SRF L174710	2.295	46,609	192,539	44,400	194,748	478,296
12B SRF L174712	2.295	39,917	164,895	38,025	166,787	409,624
12C SRF L174621	1.995	54,011	381,951	50,200	385,760	871,922
12D SRF L174988	1.930	132,587	902,267	123,879	910,973	2,069,706
12E SRF L174709	1.930	32,154	143,894	30,765	145,282	352,095
12F SRF L174989	1.930	284,567	1,713,287	268,034	1,729,820	3,995,708
12G SRF L174923	1.930	241,631	816,254	233,753	824,130	2,115,768

(1) Interest Payable June 1, 2025 (2) Interest and Principal Payable December 1, 2025

**BOND REDEMPTION & INTEREST FUND**

**Appropriation for Payment of Outstanding Bonds During the Year 2025**

BOND ISSUE	RATES OF INTEREST	January 1, 2025		July 1, 2025		TOTAL PAYABLE
		INTEREST PAYABLE	PRINCIPAL PAYABLE	INTEREST PAYABLE	PRINCIPAL PAYABLE	
<b>State Revolving Fund Bonds - Series (continued):</b>						
12H SRF L174924	1.930	\$ 121,466	\$ 797,592	\$ 113,769	\$ 805,288	\$ 1,838,115
12L SRF L175161	2.210	159,381	1,044,937	147,834	1,056,483	2,408,635
12J SRF L175172	1.995	15,796	68,158	15,116	68,837	167,907
12K SRF L174925	1.995	53,136	369,814	49,446	373,503	845,899
09A SRF L173074	1.250	118,068	1,221,387	110,433	1,229,020	2,678,908
09B SRF L173064	—	—	191,445	—	191,445	382,890
09C SRF L173063	—	—	55,979	—	55,979	111,958
09I SRF L174675	1.250	24,554	291,028	22,734	292,846	631,162
07A SRF L172625	2.500	176,925	1,208,304	161,821	1,223,407	2,770,457
07B SRF L172850	2.500	128,124	797,013	118,161	806,976	1,850,274
07C SRF L172770	—	—	1,666,667	—	1,666,667	3,333,334
09G SRF L173075	1.250	74,931	785,602	70,020	790,512	1,721,065
09H SRF L173800	—	—	18,397	—	18,396	36,793
09E SRF L173005	1.250	94,636	1,044,862	88,106	1,051,392	2,278,996
07D SRF L172763	2.500	40,355	275,601	36,910	279,046	631,912
09F SRF L174557	1.250	160,683	1,661,463	150,298	1,671,846	3,644,290
04G SRF L172611	2.500	8,100	126,386	6,519	127,965	268,970
04H SRF L172849	2.500	187,095	1,581,628	167,323	1,601,397	3,537,443
01B SRF L172127	2.500	23,798	1,903,777	—	—	1,927,575
01C SRF L172128	2.500	62,085	1,635,060	41,646	1,655,498	3,394,289
04A SRF L172485	2.500	56,703	732,752	47,543	741,910	1,578,908
04B SRF L172488	2.500	66,240	855,997	55,540	866,696	1,844,473
04C SRF L172493	2.500	5,199	81,126	4,185	82,141	172,651
04D SRF L172494	2.500	4,986	77,798	4,013	78,771	165,568
04E SRF L172495	2.500	21,541	237,100	18,577	240,064	517,282
04F SRF L172496	—	—	99,368	—	99,367	198,735
12O SRF L175166	1.995	28,690	117,563	27,517	118,735	292,505
16B SRF L172129	1.840	33,177	97,430	32,279	98,325	261,211
12I SRF L175222	2.210	36,412	120,649	35,078	121,983	314,122
12M SRF L175168	2.210	96,597	292,076	93,369	295,302	777,344
12N SRF L175164	1.995	18,095	70,557	17,390	71,260	177,302
14I SRF L175223	1.860	66,633	225,196	64,539	227,289	583,657
14J SRF L175219	2.210	31,782	110,518	30,560	111,739	284,599
14A SRF L173076	2.210	334,447	2,192,715	310,218	2,216,943	5,054,323
16D SRF L175460	1.750	49,287	185,852	47,659	187,478	470,276
<b>Refunding Bonds - Series:</b>						
2007 Unlimited Tax Series B	5.3	\$ 2,410,932	(1) \$ —	\$ 2,410,931	(2) \$ —	(2) \$ 4,821,863
2007 Limited Tax Series C	5.3	2,673,825	(1) —	2,673,825	(2) 2,595,000	(2) 7,942,650
2016 Unlimited Tax Series A	5.0	5,719,500	(1) —	5,719,500	(2) 27,875,000	(2) 39,314,000
2021 Limited Tax Series C	5.0	2,905,125	(1) —	2,905,125	(2) 16,695,000	(2) 22,505,250
2021 Unlimited Tax Series D	5.0	788,875	(1) —	788,875	(2) —	(2) 1,577,750
2021 Unlimited Taxable Series E	1.6 to 2.7	1,316,048	(1) —	1,316,048	(2) —	(2) 2,632,096
2021 Alternate Revenue Unlimited Taxable Series F	0.6 to 3.1	552,337	(1) —	552,336	(2) 2,165,000	(2) 3,269,673
2016 Limited Tax Series B	5.0	822,250	(1) —	822,250	(2) 4,370,000	(2) 6,014,500
<b>TOTAL</b>		<b>\$ 48,256,987</b>	<b>\$ 39,899,821</b>	<b>\$ 47,883,203</b>	<b>\$ 98,580,963</b>	<b>\$ 234,620,974</b>

(1) Interest Payable June 1, 2025 (2) Interest and Principal Payable December 1, 2025

# RETIREMENT FUND

## Description of Fund, Purpose, and Operation

The Metropolitan Water Reclamation District Retirement Fund (Fund) is a defined benefit public employee retirement system that provides retirement, survivor, and disability benefits to the employees of the Metropolitan Water Reclamation District of Greater Chicago in accordance with Chapter 40, Act 5, Articles 1, 13, and 20 of the Illinois Compiled Statutes. The primary goal of the Fund is to provide required benefits to the members while preserving the fiscal integrity and financial stability of the Fund.

On August 3, 2012, the Governor signed Public Act 97-0894, which increased the nine percent required employee contributions by one percent per year for three years beginning in 2013, to the current contribution of 12 percent for employees who first became a member of the Fund or certain reciprocal systems before January 1, 2011 (Tier I).

In 2014, the District's Board of Commissioners adopted a Funding Policy that incorporated a funding goal that will achieve a 100 percent funding ratio by the year 2050. Currently, the required employer contribution is based on the actuarially determined contribution required to achieve the District's funding goal but not to exceed an amount equal to employee contributions two years prior multiplied by 4.19.

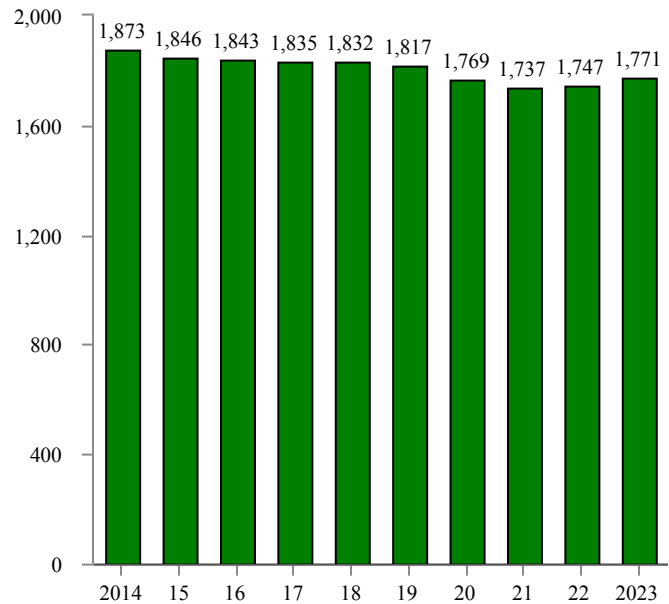
On April 22, 2022, the Governor signed Public Act 102-0707 allowing the District to issue up to \$600.0 million of Pension Obligation Bonds, the authorization has no sunset date, and the unlimited tax bonds would be excepted from debt service extension base limitations.

The 2024 appropriation included an equity transfer of \$31.5 million to the Retirement Fund to provide advance funding to maintain growth in the Retirement Fund's funded ratio, as well as \$11.3 million from the 2022 Property Tax Levy Adjustment Public Act 102-0519. Similarly, the 2025 appropriation includes an anticipated \$21.6 million transfer of excess revenue from the Corporate Fund and \$8.4 million from the 2023 Property Tax Levy Adjustment Public Act 102-0519.

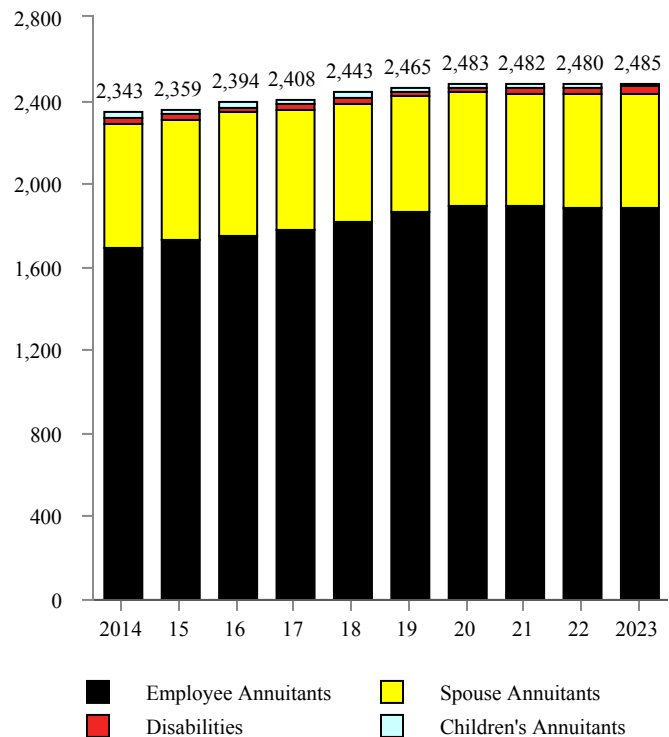
For the 2025 Budget, the gross property tax levy totals \$74.4 million, an increase of \$1.7 million, or 2.3 percent, above the 2024 adjusted levy. The 2025 Personal Property Replacement Tax allocation to the Retirement Fund is \$19.0 million. The 2025 appropriation is \$118.7 million, a decrease of \$10.5 million, or 8.1 percent, below the 2024 Adjusted Budget.

As of December 31, 2023, the Fund had 1,771 active (contributing) participants, 1,887 employee annuitants, 549 spouse annuitants, and 16 child annuitants. In addition, the Fund had 33 District employees receiving disability benefits at the end of the year.

Active Participants



Beneficiaries

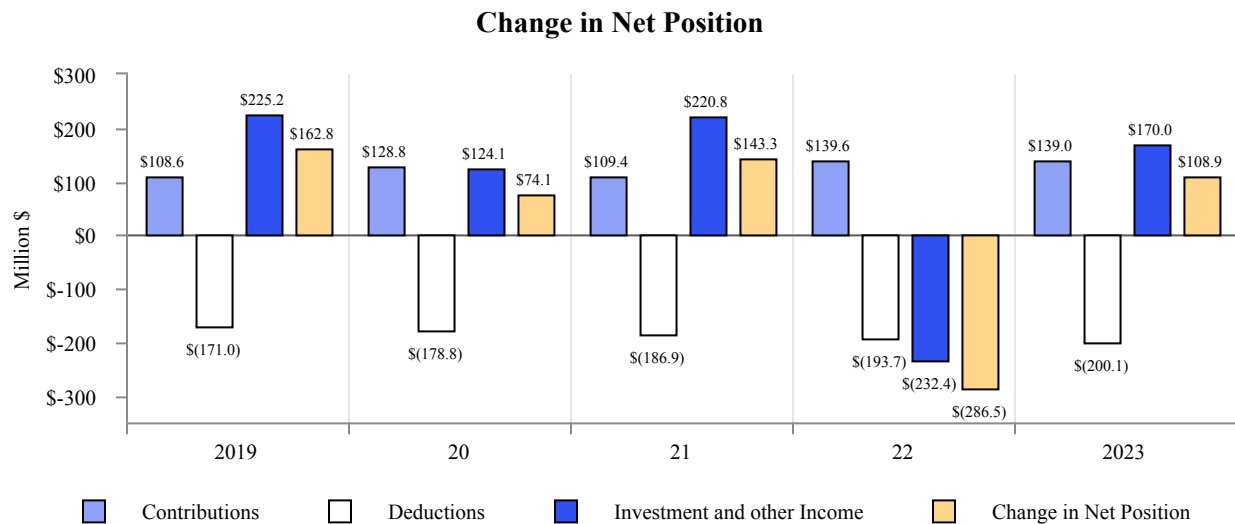


**Description of Fund, Purpose, and Operation (continued)**

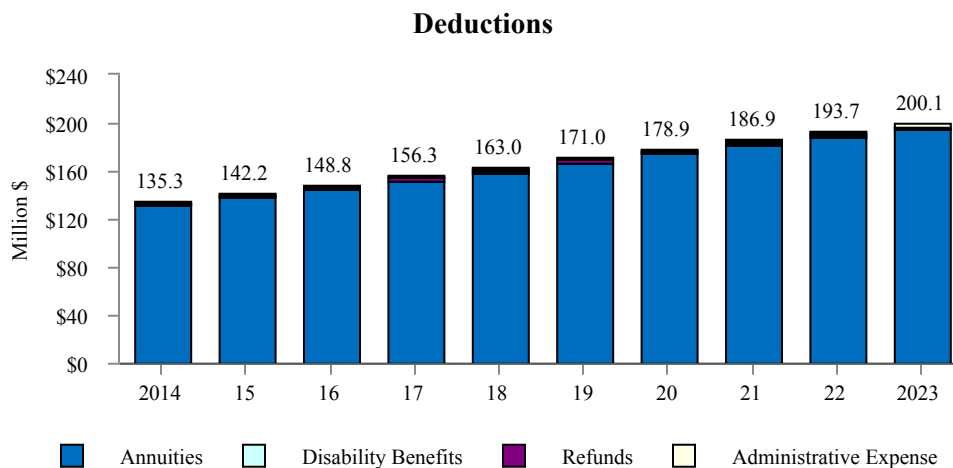
Additions to the Fund are from the following sources:

- Employee contributions - Beginning in 2015, (Tier I) employees contribute 12 percent of salary to the Fund. Employees hired on or after January 1, 2011 (Tier II) contribute nine percent of salary.
- Employer contributions - Includes real estate property tax levies and the Personal Property Replacement Tax. In 2025, the District will levy a tax which will produce a sum that will be sufficient to meet the funding goals of the District's Funding Policy.
- Net investment income - Includes dividends and interest, as well as realized and unrealized appreciation (depreciation) in the fair value of the investments, less investment expense.

Total additions for 2023 were \$309.0 million, or \$401.8 million greater than in 2022, primarily due to a rebound in investment markets during the year. Additions in 2023 were the combined effect of employee and employer contributions of \$139.0 million, investment income of \$169.9 million, securities lending income of \$101,000, and other income of \$2,300.



Deductions for 2023 were \$200.1 million, which included annuity payments of \$194.3 million, refunds of \$1.9 million, administrative expenses of \$3.0 million, and disability benefits of \$0.9 million.

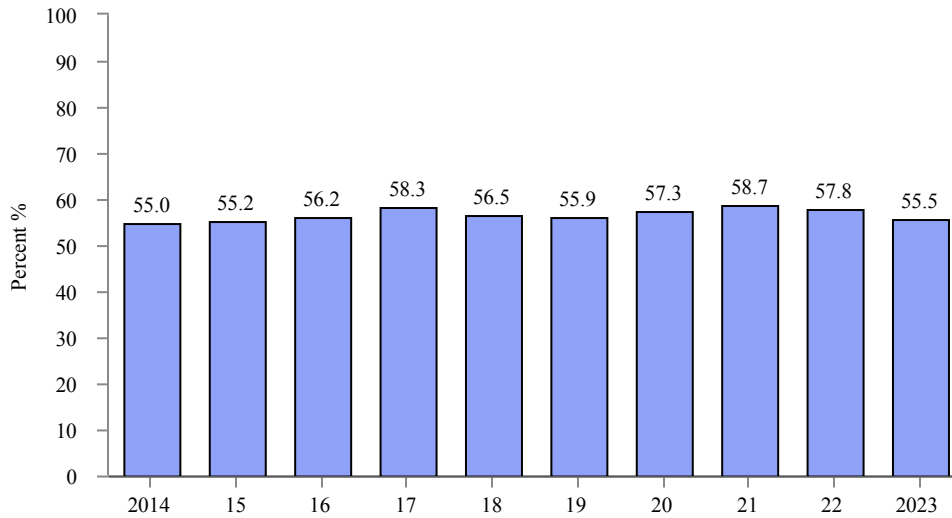




**Description of Fund, Purpose, and Operation (continued)**

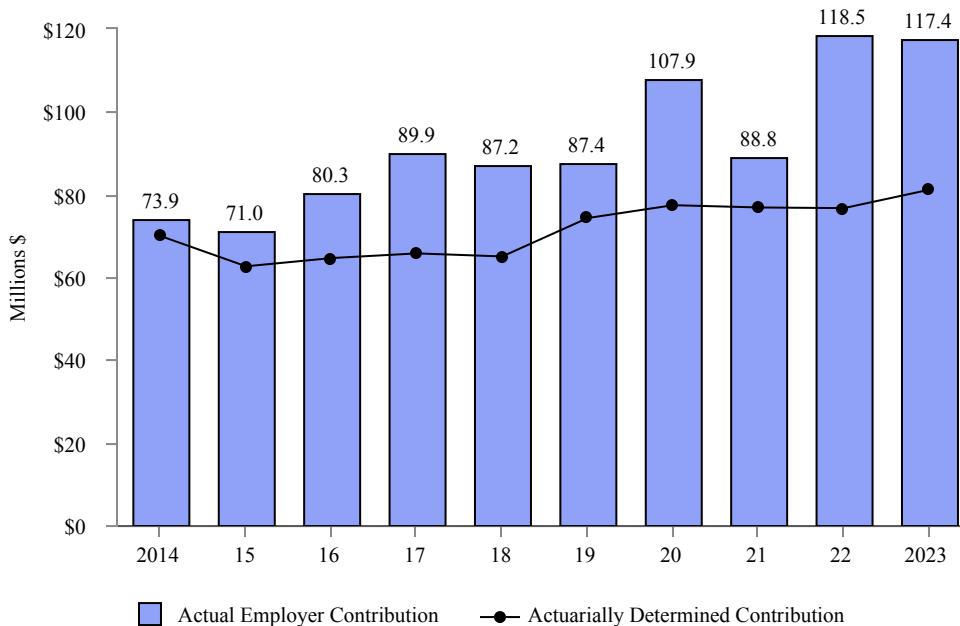
As of December 31, 2023, the funded ratio of the Fund was 55.5 percent utilizing the Actuarial Asset Value required by the Governmental Accounting Standards Board, which is a decrease from 57.8 percent as of December 31, 2022. The decrease in funded ratio is primarily due to a reduction in the assumed investment rate of return and the smoothing of losses from 2022. The funded ratio has been in the range of 55.0 percent to 58.7 percent over the last ten years.

**Funded Ratio at Actuarial Value**



The 2024 actuarially determined contribution is \$94.4 million. The 2025 total appropriation is \$118.7 million, which includes a \$21.6 million transfer of excess revenue from the Corporate Fund, \$8.4 million from the 2023 Property Tax Levy Adjustment Public Act 102-0519, and \$88.7 million in the expected employer contribution.

**Contributions**



**APPROPRIATION ORDINANCE NUMBER O24-008****ANNUAL APPROPRIATION ORDINANCE OF THE  
METROPOLITAN WATER RECLAMATION DISTRICT  
OF GREATER CHICAGO  
FOR THE FISCAL YEAR BEGINNING JANUARY 1, 2025  
AND ENDING DECEMBER 31, 2025  
(CONTINUED)**

And an amount of Estimated Expenditures for the Purpose of the Metropolitan Water Reclamation District Retirement Fund of \$118,736,000.

*Section 9.* That the appropriation herein of the amounts for the payment of “unpaid bills” or “contractual liabilities,” or to defray the expense of any project or purpose, shall not be construed as an approval or an admission of liability by the Board of Commissioners of any said bills or contractual liabilities, or of any project or purpose mentioned herein but shall be regarded only as the provision of a fund or

Approved as to Form and Legality:

General Counsel

funds, for the payment thereof when said bills or contractual liabilities have been found to be valid and legal obligations against the Metropolitan Water Reclamation District of Greater Chicago and when properly vouchered and audited by the Department of Finance, or when any project or purpose is approved and authorized by the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago, as the case may be.

*Section 10.* This ordinance shall take effect January 1, 2025.

Approved:

*President,  
Board of Commissioners of the  
Metropolitan Water Reclamation District  
of Greater Chicago*

# SECTION VIII

## TAX LEVY ORDINANCES

The Tax Levy Ordinances are the means by which tax levies, enacted by the Board of Commissioners under authority of the Illinois Compiled Statutes, are given legal effect.

Each tax levy states the revenue which is to be raised, through the collection of property taxes, to finance the operations of a specific fund. The gross tax levy, which allows for loss in collection, is presented with the amount of estimated loss, where applicable. A factor of 3.5 percent for loss in collection is used for 2025 levies.

This section includes 2025 Tax Levy Ordinances for the Retirement Fund, Corporate Fund, Construction Fund, Reserve Claim Fund, and Stormwater Management Fund. A Tax Levy Ordinance, to pay the interest on outstanding bonds and to discharge the principal thereof, along with a detailed schedule of the 2025 Tax Levy for Payment of Outstanding Bonds, can also be found in this section.

Retirement Fund and Corporate Fund .....	531
Construction Fund .....	532
Bond Redemption & Interest Fund:	
Tax Levy Ordinance for Outstanding Bonds .....	533
Tax Levy for Payment of Outstanding Bonds, 2025 .....	536
Reserve Claim Fund .....	538
Stormwater Management Fund .....	539

**ORDINANCE NUMBER O24-009**

**FOR THE LEVY OF TAXES FOR THE FISCAL YEAR  
BEGINNING JANUARY 1, 2025 AND ENDING DECEMBER 31, 2025  
UPON ALL TAXABLE PROPERTY WITHIN THE TERRITORIAL LIMITS OF THE  
METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO  
AS SAID TERRITORIAL LIMITS EXIST ON JANUARY 1, 2025  
FOR THE PURPOSE OF PROVIDING REVENUES FOR  
THE METROPOLITAN WATER RECLAMATION DISTRICT  
RETIREMENT FUND AND CORPORATE FUND**

**BE IT ORDAINED** by the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago:

*Section 1.* That there be and is hereby levied upon all taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago, as said territorial limits exist on January 1, 2025, for the fiscal year ending December 31, 2025, the amounts of money hereinafter stated as follows:

For the amount certified to the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago by the Retirement Board of the Metropolitan Water Reclamation District Retirement Fund for the purpose of providing the revenue for the Retirement Fund of the Metropolitan Water Reclamation District pursuant to Article 13 of the Illinois Pension Code, the sum of \$74,398,700 which includes the sum of \$2,603,955 as a reserve for loss in collection of taxes, distributed as

Contributions for Service Retirement Allowances and Spouses’ Allowances .....	\$ 14,675,300
Contributions for Ordinary Disability Benefits .....	933,500
Contributions for Duty Disability Benefits .....	150,600
Contributions for Expense of Administration .....	2,669,300
Contributions for Children’s Annuities .....	90,600
Contributions for Current and Past Service Requirements .....	55,879,400
	<u>\$ 74,398,700</u>

For Corporate Purposes of the said Metropolitan Water Reclamation District of Greater Chicago, “the sum of \$310,544,000 which includes the sum of \$10,869,040 as a reserve for loss in the collection of taxes.”

*Section 2.* That the Clerk of the Metropolitan Water Reclamation District of Greater Chicago be, and is hereby directed to certify to the County Clerk of Cook County, the several amounts above set forth to be raised by taxation in the year 2025 and to file a certified copy of the Ordinance with the said County Clerk of Cook County and said County Clerk of Cook County aforesaid, is hereby directed to cause the aforesaid amounts of money to be extended upon and against the taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago, as said territorial limits exist on January 1, 2025, all in accordance with the laws and statutes of the State of Illinois in such case made and provided, and the Clerk of the Metropolitan Water Reclamation District of Greater Chicago is hereby directed to cause this Ordinance to be published at least once in a newspaper published within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago and to incur the necessary expenses therefor.

*Section 3.* This Ordinance shall take effect January 1, 2025.

Approved as to Form and Legality:

Approved:

General Counsel

*President,  
Board of Commissioners of the  
Metropolitan Water Reclamation District  
of Greater Chicago*

**ORDINANCE NUMBER O24-010**

**FOR THE LEVY OF TAXES FOR THE FISCAL YEAR BEGINNING  
 JANUARY 1, 2025 AND ENDING DECEMBER 31, 2025  
 UPON ALL TAXABLE PROPERTY WITHIN THE TERRITORIAL LIMITS OF THE  
 METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO  
 AS SAID TERRITORIAL LIMITS EXIST ON JANUARY 1, 2025  
 FOR THE PURPOSE OF PROVIDING REVENUES  
 FOR THE CONSTRUCTION FUND**

**BE IT ORDAINED** by the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago:

*Section 1.* That there be and is hereby levied upon all taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago, as said territorial limits exist on January 1, 2025, for the fiscal year ending December 31, 2025, to provide revenue for the replacement, remodeling, completion, alteration, construction, and enlargement, including alterations, enlargements and replacements which will add appreciably to the value, utility, or the useful life of sewage treatment works, administrative buildings, flood control facilities, or water quality improvement projects, and additions therefor, pumping stations, tunnels, conduits and intercepting sewers connecting therewith, and outlet sewers together with the equipment and appurtenances necessary thereto, and for the acquisition of the sites and rights of way necessary thereto, and for engineering expenses for designing and supervising the construction of the works above described, “the sum of \$7,000,000 which includes the sum of \$245,000 as a reserve for loss in collection of taxes.”

*Section 2.* That the Clerk of the Metropolitan Water Reclamation District of Greater Chicago be, and is hereby directed to certify to the County Clerk of Cook County, the amount above set forth to be raised by taxation in the year

2025 and to file a certified copy of the Ordinance with the said County Clerk of Cook County, and said County Clerk of Cook County aforesaid, is hereby directed to cause the aforesaid amount of money to be extended upon and against the taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago, as said territorial limits exist on January 1, 2025, all in accordance with the laws and statutes of the State of Illinois in such case made and provided, and subject to reduction as provided in the text below, and the Clerk of the Metropolitan Water Reclamation District of Greater Chicago is hereby directed to cause this Ordinance to be published at least once in a newspaper published within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago and to incur the necessary expenses therefor.

*Section 3.* That said County Clerk of Cook County, as tax extension officer for said District, is hereby directed to *reduce this levy of taxes* by the District for the year 2025 by the amount necessary to enable said District’s aggregate tax levies to comply with the Property Tax Extension Limitation Law; that is, the entire reduction in the aggregate of all tax levies for said District for the year 2025 required by said Law shall be taken against the Construction Fund levy as set forth in this Ordinance.

*Section 4.* This Ordinance shall take effect January 1, 2025.

Approved as to Form and Legality:

Approved:

General Counsel

*President,  
 Board of Commissioners of the  
 Metropolitan Water Reclamation District  
 of Greater Chicago*

**ORDINANCE NUMBER O24-011**

**FOR THE LEVY OF TAXES FOR THE FISCAL YEAR BEGINNING  
JANUARY 1, 2025 AND ENDING DECEMBER 31, 2025  
TO PAY THE INTEREST ON OUTSTANDING BONDS AND TO  
DISCHARGE THE PRINCIPAL THEREOF**

**BE IT ORDAINED** by the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago:

limits of the Metropolitan Water Reclamation District of Greater Chicago, as said territorial limits exist on January 1, 2025, and all taxable property in townships or parts of townships disconnected from the Metropolitan Water Reclamation District of Greater Chicago prior to January 1, 2025, but after the issuance of any bonds, the amounts of money hereinafter stated:

*Section 1.* For the purpose of creating a sinking fund to pay the principal and interest on outstanding bonds, there is hereby levied upon all taxable property within the territorial

Capital Improvements Bonds - Series:

2016 Qualified Energy Conservation Limited Tax Series F	07/07/16	\$ 165,804
2009 Limited Tax Series	08/26/09	35,564,767
2014 Limited Tax Series C	01/06/15	13,400,778
2016 Alternate Revenue Unlimited Tax Series E	07/07/16	3,754,146
2016 Unlimited Tax Series C	07/07/16	1,554,405
2016 Limited Tax Series D	07/07/16	2,916,062
2021 Limited Tax Series A	12/07/21	5,446,684
2021 Unlimited Tax Series B	12/07/21	1,554,404

State Revolving Funds Bonds - Series:

09D SRF L174558		\$ 2,719,713
12A SRF L174710		495,644
12B SRF L174712		424,480
12C SRF L174621		903,545
12D SRF L174988		2,144,773
12E SRF L174709		364,865
12F SRF L174989		4,140,629
12G SRF L174923		2,192,505
12H SRF L174924		1,904,781
12I SRF L175222		325,514
12J SRF L175172		173,997
12K SRF L174925		876,579
12L SRF L175161		2,495,994
12M SRF L175168		805,538
12N SRF L175164		183,732
12O SRF L175166		303,114
14A SRF L173076		5,237,640
14B SRF L175171		183,566
14C SRF L174559		1,358,390
14D SRF L175263		826,616
14E SRF L173062		2,849,337
14F SRF L175342		4,914,483
14G SRF L175152		1,278,378
14H SRF L175355		79,106
14I SRF L175223		809,704
14J SRF L175219		294,921
14K SRF L175366		332,184
14L SRF L175368		344,270
14M SRF L175372		92,045
14N SRF L175371		87,668

**ORDINANCE NUMBER O24-011**

**FOR THE LEVY OF TAXES FOR THE FISCAL YEAR BEGINNING  
 JANUARY 1, 2025 AND ENDING DECEMBER 31, 2025  
 TO PAY THE INTEREST ON OUTSTANDING BONDS AND TO  
 DISCHARGE THE PRINCIPAL THEREOF (CONTINUED)**

State Revolving Funds Bonds - Series (continued):

14O SRF L175305 .....	\$	200,770
14P SRF L175369 .....		247,264
14Q SRF L175539 .....		198,029
14R SRF L175517 .....		2,531,355
16A SRF L174555 .....		7,991,547
16B SRF L172129 .....		273,531
16C SRF L175367 .....		2,134,539
16D SRF L175460 .....		487,333
16G SRF L174708 .....		1,117,231
16H SRF L172130 .....		927,870
16I SRF L173798 .....		1,723,188
16K SRF L172741 .....		204,794
16N SRF L175578 .....		1,470,548
16O SRF L173801 .....		278,693
16P SRF L172744 .....		551,456
21B SRF L175574 .....		1,789,230
21C SRF L172742 .....		799,303
21D SRF L175523 .....		1,326,379
21E SRF L175569 .....		544,453
21F SRF L173807 .....		998,005
21G SRF L174620 .....		1,656,525
21N SRF L175165 .....		881,728
21H SRF L176359 .....		678,768
21I SRF L174711 .....		1,490,809
09A SRF L173074 .....		2,776,069
09B SRF L173064 .....		396,777
09C SRF L173063 .....		116,018
09I SRF L174675 .....		654,054
07A SRF L172625 .....		2,870,941
07B SRF L172850 .....		1,917,381
07C SRF L172770 .....		3,454,231
09G SRF L173075 .....		1,783,486
09H SRF L173800 .....		38,126
09E SRF L173005 .....		2,361,654
07D SRF L172763 .....		654,830
09F SRF L174557 .....		3,776,466
04G SRF L172611 .....		278,725
04H SRF L172849 .....		3,665,744
04A SRF L172485 .....		1,636,174
04B SRF L172488 .....		1,911,370
04C SRF L172493 .....		178,912
04D SRF L172494 .....		171,572
04E SRF L172495 .....		536,042
04F SRF L172496 .....		205,942

**ORDINANCE NUMBER O24-011**

**FOR THE LEVY OF TAXES FOR THE FISCAL YEAR BEGINNING  
JANUARY 1, 2025 AND ENDING DECEMBER 31, 2025  
TO PAY THE INTEREST ON OUTSTANDING BONDS AND TO  
DISCHARGE THE PRINCIPAL THEREOF (CONTINUED)**

Refunding Bonds - Series:

2007 Unlimited Tax Series B .....	03/21/07 .....	\$ 4,996,749
2007 Limited Tax Series C .....	03/21/07 .....	7,954,832
2016 Unlimited Tax Series A .....	07/07/16 .....	40,632,384
2016 Limited Tax Series B .....	07/07/16 .....	6,125,389
2021 Limited Tax Series C .....	12/07/21 .....	12,492,747
2021 Unlimited Tax Series D .....	12/07/21 .....	1,634,975
2021 Unlimited Taxable Series E .....	12/07/21 .....	7,152,431
2021 Alternate Revenue Unlimited Taxable Series F .....	12/07/21 .....	3,387,604
		\$ 247,765,734

*Section 2.* That the Clerk of the Metropolitan Water Reclamation District of Greater Chicago be, and is hereby directed to certify to the County Clerk of Cook County, the several amounts above set forth to be raised by taxation in the year 2025 for the purpose of providing the funds to pay the interest on bonds and discharge the principal thereof, and to file a certified copy of this Ordinance with said County Clerk of Cook County, and said County Clerk of Cook County is hereby directed to cause aforesaid amounts of money to be extended upon and against taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago as said territorial limits exist on January 1, 2025, and the County Clerk of Cook County is further directed to extend upon all taxable property in all townships or parts of townships disconnected

from the Metropolitan Water Reclamation District of Greater Chicago prior to January 1, 2025 those amounts aforesaid necessary to pay the principal and interest for any bonds issued prior to the date of disconnection, all in accordance with the laws and statutes of the State of Illinois in such case made and provided, and the Clerk of the Metropolitan Water Reclamation District of Greater Chicago is hereby directed to cause this Ordinance to be published at least once in a newspaper published within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago and to incur the necessary expenses therefor.

*Section 3.* This Ordinance shall take effect January 1, 2025.

Approved as to Form and Legality:

Approved:

General Counsel

*President,  
Board of Commissioners of the  
Metropolitan Water Reclamation District  
of Greater Chicago*



**BOND REDEMPTION AND INTEREST FUND**  
**2025 Tax Levy for Payment of Outstanding Bonds**

BOND ISSUE	ISSUE DATED	INTEREST PAYMENT DATES	INTEREST	PRINCIPAL	RESERVE FOR UNCOLLECTED TAX (A)	GROSS LEVY
<b>Capital Improvements Bonds - Series:</b>						
2016 Qualified Energy Conservation Limited Tax Series F	07/07/16	6/1/25 - 12/1/25	\$ 160,000	\$ —	\$ 5,804	\$ 165,804
2009 Limited Tax Series	08/26/09	6/1/25 - 12/1/25	34,320,000	—	1,244,767	35,564,767
2014 Limited Tax Series C	01/06/15	6/1/25 - 12/1/25	2,266,750	10,665,000	469,028	13,400,778
2016 Alternate Revenue Unlimited Tax Series E	07/07/16	6/1/25 - 12/1/25	2,257,750	1,365,000	131,396	3,754,146
2016 Unlimited Tax Series C	07/07/16	6/1/25 - 12/1/25	1,500,000	—	54,405	1,554,405
2016 Limited Tax Series D	07/07/16	6/1/25 - 12/1/25	609,000	2,205,000	102,062	2,916,062
2021 Limited Tax Series A	12/07/21	6/1/25 - 12/1/25	5,256,050	—	190,634	5,446,684
2021 Unlimited Tax Series B	12/07/21	6/1/25 - 12/1/25	1,500,000	—	54,404	1,554,404
<b>State Revolving Funds Bonds - Series:</b>						
09D SRF L174558	07/01/13	7/1/25 - 1/1/26	\$ 293,927	\$ 2,330,596	\$ 95,190	\$ 2,719,713
12A SRF L174710	07/01/14	7/1/25 - 1/1/26	77,522	400,773	17,349	495,644
12B SRF L174712	07/01/14	7/1/25 - 1/1/26	66,392	343,231	14,857	424,480
12C SRF L174621	07/01/16	7/1/25 - 1/1/26	81,006	790,915	31,624	903,545
12D SRF L174988	07/01/15	7/1/25 - 1/1/26	203,464	1,866,241	75,068	2,144,773
12E SRF L174709	07/01/15	7/1/25 - 1/1/26	54,466	297,628	12,771	364,865
12F SRF L174989	07/01/15	7/1/25 - 1/1/26	451,956	3,543,749	144,924	4,140,629
12G SRF L174923	07/01/18	7/1/25 - 1/1/26	427,435	1,688,332	76,738	2,192,505
12H SRF L174924	07/01/15	7/1/25 - 1/1/26	188,382	1,649,732	66,667	1,904,781
12I SRF L175222	07/01/16	7/1/25 - 1/1/26	63,356	250,764	11,394	325,514
12J SRF L175172	07/01/15	7/1/25 - 1/1/26	26,771	141,135	6,091	173,997
12K SRF L174925	07/01/15	7/1/25 - 1/1/26	80,115	765,782	30,682	876,579
12L SRF L175161	07/01/16	7/1/25 - 1/1/26	236,780	2,171,854	87,360	2,495,994
12M SRF L175168	07/01/18	7/1/25 - 1/1/26	170,279	607,065	28,194	805,538
12N SRF L175164	07/01/16	7/1/25 - 1/1/26	31,197	146,103	6,432	183,732
12O SRF L175166	07/01/15	7/1/25 - 1/1/26	49,065	243,439	10,610	303,114
14A SRF L173076	07/01/16	7/1/25 - 1/1/26	1,019,443	4,034,878	183,319	5,237,640
14B SRF L175171	07/01/16	7/1/25 - 1/1/26	34,166	142,975	6,425	183,566
14C SRF L174559	07/01/16	7/1/25 - 1/1/26	261,465	1,049,381	47,544	1,358,390
14D SRF L175263	07/01/18	7/1/25 - 1/1/26	155,944	641,740	28,932	826,616
14E SRF L173062	07/01/18	7/1/25 - 1/1/26	557,919	2,191,690	99,728	2,849,337
14F SRF L175342	07/01/19	7/1/25 - 1/1/26	977,649	3,764,828	172,006	4,914,483
14G SRF L175152	07/01/18	7/1/25 - 1/1/26	250,316	983,319	44,743	1,278,378
14H SRF L175355	07/01/17	7/1/25 - 1/1/26	13,194	63,143	2,769	79,106
14I SRF L175223	07/01/18	7/1/25 - 1/1/26	158,546	622,818	28,340	809,704
14J SRF L175219	07/01/16	7/1/25 - 1/1/26	54,891	229,706	10,324	294,921
14K SRF L175366	07/01/18	7/1/25 - 1/1/26	62,667	257,889	11,628	332,184
14L SRF L175368	07/01/18	7/1/25 - 1/1/26	61,501	270,718	12,051	344,270
14M SRF L175372	07/01/18	7/1/25 - 1/1/26	16,443	72,380	3,222	92,045
14N SRF L175371	07/01/18	7/1/25 - 1/1/26	15,660	68,938	3,070	87,668
14O SRF L175305	07/01/18	7/1/25 - 1/1/26	37,236	156,506	7,028	200,770
14P SRF L175369	07/01/18	7/1/25 - 1/1/26	41,359	197,250	8,655	247,264
14Q SRF L175539	07/01/20	7/1/25 - 1/1/26	40,915	150,182	6,932	198,029
14R SRF L175517	07/01/21	7/1/25 - 1/1/26	595,280	1,847,477	88,598	2,531,355
16A SRF L174555	07/01/18	7/1/25 - 1/1/26	1,482,168	6,229,674	279,705	7,991,547
16B SRF L172129	07/01/20	7/1/25 - 1/1/26	60,634	203,322	9,575	273,531
16C SRF L175367	07/01/19	7/1/25 - 1/1/26	426,774	1,633,055	74,710	2,134,539
16D SRF L175460	07/01/18	7/1/25 - 1/1/26	87,059	383,216	17,058	487,333

**BOND REDEMPTION AND INTEREST FUND**  
**2025 Tax Levy for Payment of Outstanding Bonds**

BOND ISSUE	ISSUE DATED	INTEREST PAYMENT DATES	INTEREST	PRINCIPAL	RESERVE FOR UNCOLLECTED TAX (A)	GROSS LEVY
<b>State Revolving Funds Bonds - Series (continued):</b>						
16G SRF L174708	07/01/21	7/1/25 - 1/1/26	\$ 282,200	\$ 795,928	\$ 39,103	\$ 1,117,231
16H SRF L172130	07/01/21	7/1/25 - 1/1/26	234,370	661,025	32,475	927,870
16I SRF L173798	07/01/22	7/1/25 - 1/1/26	459,447	1,203,429	60,312	1,723,188
16K SRF L172741	07/01/20	7/1/25 - 1/1/26	48,796	148,829	7,169	204,794
16N SRF L175578	07/01/24	7/1/25 - 1/1/26	308,961	1,110,118	51,469	1,470,548
16O SRF L173801	07/01/24	7/1/25 - 1/1/26	58,553	210,385	9,755	278,693
16P SRF L172744	07/01/22	7/1/25 - 1/1/26	104,506	427,649	19,301	551,456
21B SRF L175574	07/01/25	7/1/25 - 1/1/26	365,634	1,360,973	62,623	1,789,230
21C SRF L172742	07/01/24	7/1/25 - 1/1/26	141,087	630,240	27,976	799,303
21D SRF L175523	07/01/24	7/1/25 - 1/1/26	234,122	1,045,833	46,424	1,326,379
21E SRF L175569	07/01/23	7/1/25 - 1/1/26	91,324	434,072	19,057	544,453
21F SRF L173807	07/01/25	7/1/25 - 1/1/26	282,265	680,810	34,930	998,005
21G SRF L174620	07/01/24	7/1/25 - 1/1/26	292,397	1,306,150	57,978	1,656,525
21N SRF L175165	07/01/25	7/1/25 - 1/1/26	215,873	634,994	30,861	881,728
21H SRF L176359	07/01/24	7/1/25 - 1/1/26	194,048	460,962	23,758	678,768
21I SRF L174711	07/01/26	7/1/25 - 1/1/26	435,305	1,003,325	52,179	1,490,809
09A SRF L173074	07/01/12	7/1/25 - 1/1/26	182,268	2,496,639	97,162	2,776,069
09B SRF L173064	06/21/11	7/1/25 - 1/1/26	—	382,890	13,887	396,777
09C SRF L173063	01/15/11	7/1/25 - 1/1/26	—	111,957	4,061	116,018
09I SRF L174675	06/21/11	7/1/25 - 1/1/26	36,272	594,890	22,892	654,054
07A SRF L172625	06/17/10	7/1/25 - 1/1/26	246,412	2,524,044	100,485	2,870,941
07B SRF L172850	07/01/10	7/1/25 - 1/1/26	185,380	1,664,893	67,108	1,917,381
07C SRF L172770	01/01/11	7/1/25 - 1/1/26	—	3,333,333	120,898	3,454,231
09G SRF L173075	07/01/13	7/1/25 - 1/1/26	115,213	1,605,851	62,422	1,783,486
09H SRF L173800	04/23/11	7/1/25 - 1/1/26	—	36,792	1,334	38,126
09E SRF L173005	08/06/11	7/1/25 - 1/1/26	143,190	2,135,805	82,659	2,361,654
07D SRF L172763	06/10/10	7/1/25 - 1/1/26	56,204	575,707	22,919	654,830
09F SRF L174557	07/01/16	7/1/25 - 1/1/26	248,090	3,396,200	132,176	3,776,466
04G SRF L172611	01/31/07	7/1/25 - 1/1/26	4,960	264,009	9,756	278,725
04H SRF L172849	07/01/09	7/1/25 - 1/1/26	233,556	3,303,886	128,302	3,665,744
04A SRF L172485	05/15/08	7/1/25 - 1/1/26	48,252	1,530,655	57,267	1,636,174
04B SRF L172488	05/28/08	7/1/25 - 1/1/26	56,368	1,788,104	66,898	1,911,370
04C SRF L172493	03/27/07	7/1/25 - 1/1/26	3,184	169,465	6,263	178,912
04D SRF L172494	01/31/07	7/1/25 - 1/1/26	3,053	162,513	6,006	171,572
04E SRF L172495	05/30/08	7/1/25 - 1/1/26	21,999	495,282	18,761	536,042
04F SRF L172496	04/23/11	7/1/25 - 1/1/26	—	198,734	7,208	205,942
<b>Refunding Bonds - Series:</b>						
2007 Unlimited Tax Series B	03/21/07	6/1/25 - 12/1/25	\$ 4,821,863	\$ —	\$ 174,886	\$ 4,996,749
2007 Limited Tax Series C	03/21/07	6/1/25 - 12/1/25	5,211,413	2,465,000	278,419	7,954,832
2016 Unlimited Tax Series A	07/07/16	6/1/25 - 12/1/25	10,045,250	29,165,000	1,422,134	40,632,384
2016 Limited Tax Series B	07/07/16	6/1/25 - 12/1/25	1,426,000	4,485,000	214,389	6,125,389
2021 Limited Tax Series C	12/07/21	6/1/25 - 12/1/25	4,975,500	7,080,000	437,247	12,492,747
2021 Unlimited Tax Series D	12/07/21	6/1/25 - 12/1/25	1,577,750	—	57,225	1,634,975
2021 Unlimited Taxable Series E	12/07/21	6/1/25 - 12/1/25	2,632,095	4,270,000	250,336	7,152,431
2021 Alternate Revenue Unlimited Taxable Series F	12/07/21	6/1/25 - 12/1/25	1,074,038	2,195,000	118,566	3,387,604
<b>TOTAL</b>			<b>\$ 93,880,090</b>	<b>\$ 145,213,795</b>	<b>\$ 8,671,849</b>	<b>\$ 247,765,734</b>

(A) Reserve at 3.5%

**ORDINANCE NUMBER O24-012**

**FOR THE LEVY OF TAXES FOR THE FISCAL YEAR BEGINNING  
 JANUARY 1, 2025 AND ENDING DECEMBER 31, 2025  
 UPON ALL TAXABLE PROPERTY WITHIN THE TERRITORIAL LIMITS OF  
 THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO  
 AS SAID TERRITORIAL LIMITS EXIST ON JANUARY 1, 2025  
 FOR THE PURPOSE OF PROVIDING REVENUES  
 FOR THE RESERVE CLAIM FUND**

**BE IT ORDAINED** by the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago:

*Section 1.* That there is hereby levied the sum of \$7,500,000 upon all taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago as said territorial limits exist on January 1, 2025, for the fiscal year ending December 31, 2025, for the purpose of providing revenues for establishing and maintaining a reserve fund for the payment of claims, awards, losses, judgments, liabilities, settlements, or demands, and associated attorney’s fees and costs that might be imposed on or incurred by such sanitary district in matters including, but not limited to, the Workers’ Compensation Act or the Workers’ Occupational Diseases Act, any claim in tort, any claim of deprivation of any constitutional or statutory right or protection, for all expenses, fees, and costs, both direct and in support of any property owned by such sanitary district which is damaged by fire, flood, explosion, vandalism or any other peril, natural or manmade.

*Section 2.* That the Clerk of the Metropolitan Water Reclamation District of Greater Chicago be, and is hereby directed to certify to the County Clerk of Cook County, the amount above set forth to be raised by taxation in the year 2025 and to file a certified copy of the Ordinance with the said County Clerk of Cook County and said County Clerk of Cook County aforesaid, is hereby directed to cause the aforesaid amount of money to be extended upon and against the taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago, as said territorial limits exist on January 1, 2025, all in accordance with the laws and statutes of the State of Illinois in such case made and provided, and the Clerk of the Metropolitan Water Reclamation District of Greater Chicago is hereby directed to cause this Ordinance to be published at least once in a newspaper published within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago and to incur the necessary expenses therefor.

*Section 3.* This Ordinance shall take effect January 1, 2025.

Approved as to Form and Legality:

Approved:

General Counsel

*President,  
 Board of Commissioners of the  
 Metropolitan Water Reclamation District  
 of Greater Chicago*

**ORDINANCE NUMBER O24-013**

**FOR THE LEVY OF TAXES FOR THE FISCAL YEAR BEGINNING  
JANUARY 1, 2025 AND ENDING DECEMBER 31, 2025  
UPON ALL TAXABLE PROPERTY WITHIN THE TERRITORIAL LIMITS OF THE  
METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO  
AS SAID TERRITORIAL LIMITS EXIST ON JANUARY 1, 2025  
FOR THE PURPOSE OF PROVIDING REVENUES  
FOR THE STORMWATER MANAGEMENT FUND**

**BE IT ORDAINED** by the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago:

*Section 1.* That there be and is hereby levied upon all taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago, as said territorial limits exist on January 1, 2025, for the fiscal year ending December 31, 2025, to provide revenue for the development, design, planning, construction, operation, and maintenance of regional and local stormwater facilities provided for in the countywide stormwater management plan and the acquisition of real property in furtherance of its regional and local stormwater management activities, and for payment of principal and interest on bonds issued for stormwater projects as authorized under the District’s Act, “the sum of \$62,500,000 which includes the sum of \$2,187,500 as a reserve for loss in collection of taxes”.

*Section 2.* That the Clerk of the Metropolitan Water Reclamation District of Greater Chicago be, and is hereby directed to certify to the County Clerk of Cook County, the amount above set forth to be raised by taxation in the year 2025, and to file a certified copy of the Ordinance with the said County Clerk of Cook County, and said County Clerk of Cook County aforesaid, is hereby directed to cause the aforesaid amount of money to be extended upon and against the taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago, as said territorial limits exist on January 1, 2025, all in accordance with the laws and statutes of the State of Illinois in such case made and provided, and the Clerk of the Metropolitan Water Reclamation District of Greater Chicago is hereby directed to cause this Ordinance to be published at least once in a newspaper published within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago and to incur the necessary expenses therefor.

*Section 3.* This Ordinance shall take effect January 1, 2025.

Approved as to Form and Legality:

Approved:

General Counsel

*President,  
Board of Commissioners of the  
Metropolitan Water Reclamation District  
of Greater Chicago*

**NOTE PAGE**

# SECTION IX

## APPENDIX

This section explains the structure of the District's compensation plan and financial and technical terminology contained in the District's Budget. It also details the various awards the District has received for its accomplishments over the last five years.

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## COMPENSATION PLAN NARRATIVE

In accordance with Illinois State Statute, Chapter 70, Section 2605b/4.2, a Department of Human Resources for the District was created, the executive officer of which is the Director of Human Resources. The Director shall, with the consent and approval of the Civil Service Board of the District, classify all non-exempt and non-represented positions in the District for the purpose of establishing pay grades.

For establishing uniformity of pay and title for positions, the Director prescribes the minimum and maximum pay for each grade and title.

While maintaining internal balance as established by the relative evaluation of classes, the compensation for non-represented and non-exempt positions shall be at least equal to the median compensation provided by other employers for similar work in the Metropolitan Chicago labor market or other appropriate labor market. Compensation for non-represented positions is defined in the Salary Schedule for Technical, Administrative, and Managerial (HP) Employees.

Salary advancement within salary ranges for non-represented positions and certain exempt positions is provided to recognize growth in the job, and the rate of advance shall be based primarily upon the quality of performance. Salary advancement stages are defined as “steps” within the salary schedules for each grade of position.

Employees in positions covered by collective bargaining agreements shall be compensated based on negotiations between unions representing such employees and the management of the District. The rates paid to all such employees shall be adjusted in accordance with changes caused by the duly prescribed negotiations, provided that any change in rates may be made applicable at the beginning of the next budget year following the date of change in the rate, in the event necessary funds are not available. Compensation for these positions is defined in the Salary Schedule for Labor Trades (LT) Employees.

Compensation for exempt positions is established by the Board of Commissioners, except for their own compensation, which is established by Illinois Compiled Statutes. Compensation for exempt positions is defined in the Salary Schedule for Exempt (EX) Employees.

## SALARY SCHEDULES (bi-weekly rates)

### Exempt (EX)

EX01	\$2,884.62	EX09	\$576.92	EX17	\$10,693.50
EX02	\$2,692.31	EX10	\$10,693.50	EX18	\$6,683.47
EX03	\$8,110.58	EX11	\$12,030.20	EX19	\$10,693.50
EX04	\$2,958.99 to \$4,605.77	EX12	\$12,030.20	EX20	None
EX05	\$10,693.50	EX13	\$10,693.50	EX21	\$2,884.62
EX06	\$2,958.99 to \$4,605.77	EX14	\$12,030.20	EX22	\$3,076.92
EX07	\$13,366.94	EX15	\$12,030.20	EX23	None
EX08	\$10,693.50	EX16	\$673.08	EX24	None

### Technical, Administrative, and Managerial (HP)

HP07	\$1,537.40 to \$2,239.11	HP14	\$3,181.63 to \$4,932.32	HP21	\$6,401.14 to \$9,604.61
HP08	\$1,673.25 to \$2,465.15	HP15	\$3,492.03 to \$5,319.66	HP22	\$7,065.85 to \$10,493.78
HP09	\$1,836.16 to \$2,736.53	HP16	\$3,875.43 to \$5,798.11	HP23	\$7,856.54 to \$11,428.67
HP10	\$2,053.48 to \$3,098.33	HP17	\$4,325.80 to \$6,360.13		
HP11	\$2,307.08 to \$3,520.41	HP18	\$4,855.38 to \$7,020.83	TM01	\$1,440.00
HP12	\$2,614.94 to \$4,032.97	HP19	\$5,512.68 to \$7,841.01	TM02	\$1,400.00
HP13	\$2,958.99 to \$4,605.77	HP20	\$5,837.82 to \$8,851.05		

### Labor Trades (LT)

NR1541	\$3,649.80	NR6275	\$5,464.00	PR5153	\$4,408.80	PR5975	\$5,020.80	PR7579	\$5,071.20
NR1835	\$3,276.00	NR6441	\$3,942.40	PR5155	\$4,568.80	PR5989	\$5,180.80	PR7743	\$4,401.60
NR1853	\$3,698.40	NR6810	\$3,865.60	PR5159	\$4,608.80	PR6453	\$4,864.00	PR7773	\$4,560.00
NR1857	\$3,942.40	NR6831	\$4,538.40	PR5353	\$4,164.80	PR6459	\$5,184.00	PR7775	\$4,800.00
NR2483	\$3,698.40	NR6832	\$4,701.60	PR5553	\$4,244.00	PR6473	\$3,392.00	PR7779	\$4,960.00
NR3641	\$2,650.40	NR7393	\$4,958.40	PR5555	\$4,509.60	PR6479	\$3,712.00		
NR3642	\$2,899.20	NR7394	\$5,899.20	PR5753	\$4,684.00	PR7343	\$4,444.00	NR1027	\$1,620.00 to \$1,920.00
NR5369	\$3,717.60	NR7399	\$4,018.40	PR5755	\$4,964.00	PR7347	\$5,110.40	PR1025	\$2,568.80 to \$4,204.00
NR6210	\$4,068.80	NR8331	\$3,942.40	PR5759	\$5,060.00	PR7349	\$4,888.80	TR1028	\$1,649.60
NR6232	\$4,271.20	NR8650	\$3,698.40	PR5933	\$4,600.80	PR7423	\$4,968.00	TR3509	\$2,316.71
NR6233	\$4,485.60	NR8651	\$3,521.60	PR5935	\$4,920.80	PR7424	\$5,451.20		
NR6251	\$5,204.00	NR8652	\$2,456.00	PR5953	\$4,244.00	PR7425	\$5,802.40		
NR6271	\$5,238.40	NR8660	\$2,475.20	PR5955	\$4,625.60	PR7573	\$4,671.20		
NR6272	\$4,958.40	NR8661	\$2,722.40	PR5973	\$4,740.80	PR7575	\$4,991.20		

The Position Analysis for each Department shows the Pay Plan and Grade for each budgeted position. The Salary Schedules above display the salary ranges associated with each Pay Plan and Grade. For example, in Section 681 of the General Division of the Maintenance & Operations Department, the Principal Mechanical Engineer position is associated with the HP (Technical, Administrative, and Managerial) Pay Plan at Grade 18. By looking up HP18 in the second table above, the salary range for this or any other title at that Pay Plan and Grade is \$4,855.38 to \$7,020.83 bi-weekly. By multiplying those rates by 26, it can be determined that the annual salary range for such positions is \$126,239.88 to \$182,541.58. For the HP and some EX Pay Plans, the actual salary earned in a position is dependent on the "step" of the incumbent occupying the position. Where applicable, there are nine steps in each Pay Plan and Grade. The step level of an incumbent is determined by a combination of the incumbent's longevity in the title and at the District. Incumbents with the greatest longevity factors will be at the highest steps, assuming satisfactory job performance.



# USER CHARGE RATES

Year	Large Commercial/Industrial Users				Tax-Exempt Users				Revenues in \$ millions
	Flow per million gallons	BOD <sub>5</sub> per 1,000 pounds	SS per 1,000 pounds	OM&R Factor	Flow per million gallons	BOD <sub>5</sub> per 1,000 pounds	SS per 1,000 pounds		
2025*	\$ —	\$ —	\$ —	— %	\$ —	\$ —	\$ —	\$ —	37.0
2024	287.56	187.65	125.28	30.6 %	287.56	187.65	125.28	37.0	
2023	282.47	184.33	124.16	40.1 %	282.47	184.33	124.16	38.5	
2022	277.48	181.07	123.05	34.1 %	277.48	181.07	123.05	37.2	
2021	278.81	202.93	117.81	35.4 %	278.81	202.93	117.81	45.9	
2020	273.88	209.94	124.16	31.9 %	273.88	209.94	124.16	51.8	
2019	269.04	216.64	130.38	32.8 %	269.04	216.64	130.38	41.3	
2018	264.28	223.03	136.48	30.1 %	264.28	223.03	136.48	53.3	
2017	259.61	229.13	142.47	33.9 %	259.61	229.13	142.47	44.5	
2016	255.02	234.95	148.33	34.4 %	255.02	234.95	148.33	48.5	
2015	250.51	240.49	154.08	39.1 %	250.51	240.49	154.08	45.0	
2014	246.08	245.75	159.72	43.5 %	246.08	245.75	159.72	53.8	
2013	241.73	250.76	165.25	42.4 %	245.18	254.34	167.60	77.6	
2012	256.48	259.22	195.95	48.6 %	263.48	266.27	201.24	48.3	

\* 2025 numbers are pending.

BOD<sub>5</sub> Biochemical Oxygen Demand based on standard five-day test

SS Suspended Solids

OM&R Portion of real estate taxes credited to users for the District's Operations, Maintenance, and Replacement costs

User charges are calculated based on sewer discharge volumes and representative sampling of the discharge for concentrations of BOD<sub>5</sub> and suspended solids. Loadings in thousands of pounds annually are extrapolated from the volume and concentration measurements, with the rates listed above applied. Users are given a credit for real estate taxes paid to the District multiplied by the OM&R factor. Users owing more than \$12,000 annually pay quarterly estimates.

# PROPERTY TAX LEVIES AND COLLECTIONS

(in thousands of dollars)

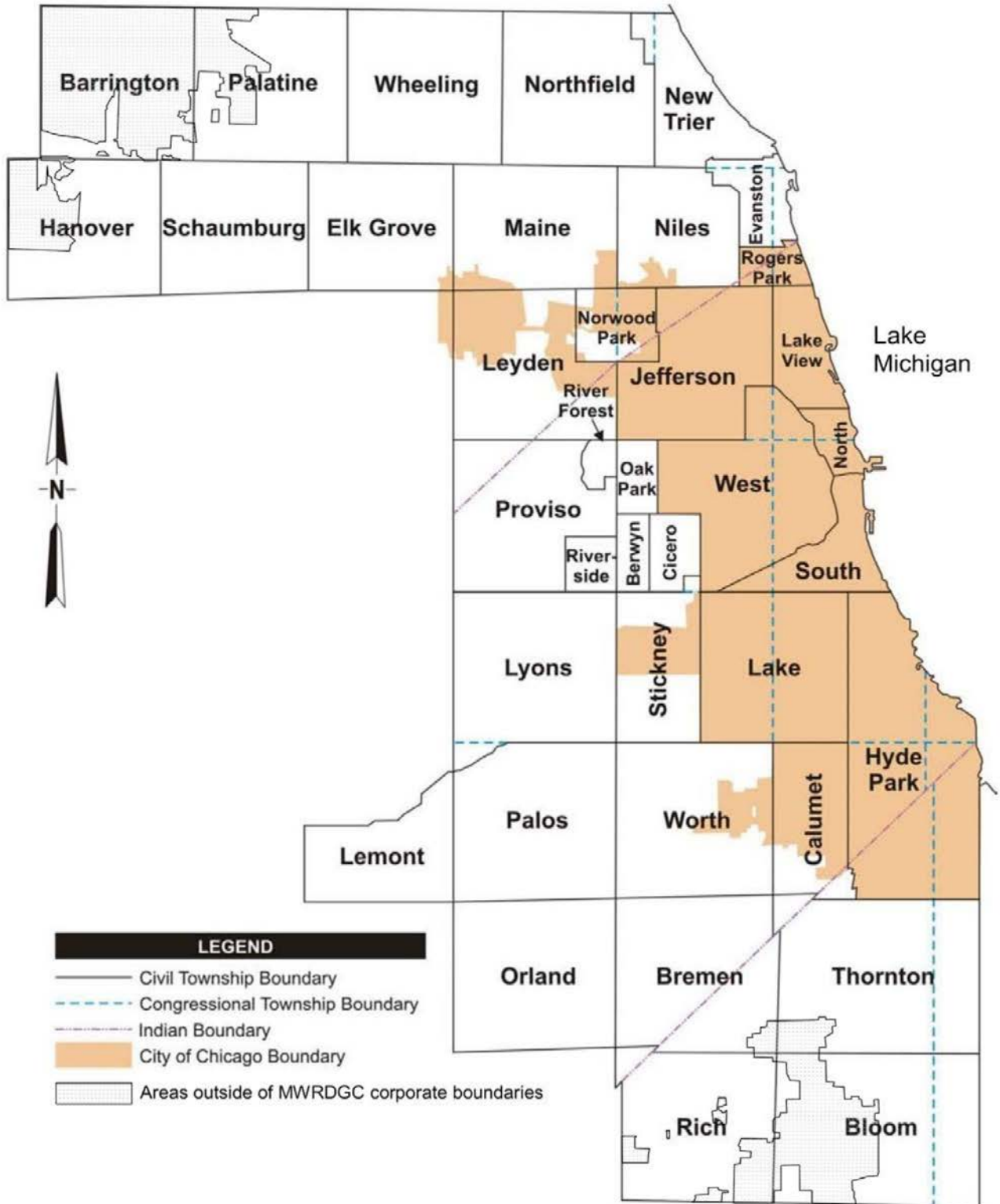
Fiscal Year Ended Dec. 31	Taxes Levied for the Fiscal Year	Collected within the First Year		
		Amount	Percentage of Levy	Final Due Date
2023	\$ 668,457	\$ —	— %	*
2022	679,359	655,620	96.5	12/1/2023
2021	659,867	495,067	75.0	12/30/2022
2020	645,998	623,876	97.0	10/1/2021
2019	638,198	619,659	97.1	8/1/2020
2018	616,946	604,126	97.9	8/1/2019
2017	594,770	581,007	97.7	8/1/2018
2016	571,454	559,938	98.0	8/1/2017
2015	555,098	541,008	97.5	8/1/2016
2014	540,666	523,203	96.8	8/1/2015

\* Final due date for 2023 tax levies is not available.

NOTE: The source for Property Tax Levies and Collection is the Annual Comprehensive Financial Report of the Metropolitan Water Reclamation District of Greater Chicago for the Year Ended December 31, 2023.

# PROPERTY TAX BASE

The Metropolitan Water Reclamation District of Greater Chicago receives the majority of its income from local real estate taxes. Taxes are collected by the Cook County Treasurer based on property values established by the Cook County Assessor. North, South and City of Chicago townships are reassessed on a three-year rotation.



The underlying county township map is derived from the Illinois Secretary of State Archives:  
<https://www.ilsos.gov/departments/archives/IRAD/cook.html>

# PROPERTY TAX BASE

## MWRDGC Equalized Assessed Valuation by Township 2018 - 2023 (in \$ millions)

Township	2018	2019	2020	2021	2022	2023	Average Annual Change
<b>Suburban</b>							
Barrington	\$ 320	\$ 360	\$ 365	\$ 498	\$ 529	\$ 573	10.41%
Berwyn	707	690	866	797	775	1,059	7.54%
Bloom	483	477	525	482	471	706	7.80%
Bremen	1,617	1,608	1,854	1,693	1,651	2,310	6.94%
Calumet	189	199	221	198	191	267	6.19%
Cicero	629	626	840	774	768	1,071	10.29%
Elk Grove	3,521	4,247	4,362	4,056	4,729	4,848	5.73%
Evanston	2,721	3,432	3,462	3,221	3,751	3,845	6.39%
Hanover	1,575	1,810	1,804	1,663	2,066	2,157	5.49%
Lemont	892	899	1,021	943	937	1,263	6.41%
Leyden	2,727	3,287	3,541	3,261	4,124	4,426	8.62%
Lyons	4,124	4,132	4,815	4,440	4,364	5,660	5.59%
Maine	4,281	5,040	4,996	4,701	5,786	5,998	5.89%
New Trier	4,921	5,220	5,209	4,813	6,129	6,195	3.87%
Niles	4,456	5,059	5,259	4,889	5,770	5,967	5.00%
Northfield	5,585	6,375	6,344	6,385	7,495	7,783	5.54%
Norwood Park	839	1,031	1,016	935	1,132	1,176	6.15%
Oak Park	1,592	1,692	2,029	1,870	1,831	2,362	6.90%
Orland	3,221	3,213	3,567	3,266	3,227	4,320	5.39%
Palatine	2,913	3,302	3,316	3,069	3,673	3,808	4.53%
Palos	1,509	1,495	1,673	1,529	1,503	2,041	5.36%
Proviso	3,065	3,063	3,728	3,432	3,391	4,353	6.36%
Rich	1,073	1,044	1,211	1,114	1,129	1,608	7.80%
River Forest	565	557	640	594	579	753	5.04%
Riverside	555	546	613	560	547	720	4.64%
Schaumburg	4,449	5,168	5,248	4,863	5,569	5,771	4.39%
Stickney	1,073	1,078	1,338	1,226	1,234	1,669	8.25%
Thornton	1,715	1,712	2,014	1,800	1,740	2,407	6.46%
Wheeling	4,906	5,622	5,714	5,276	6,257	6,421	4.81%
Worth	3,239	3,255	3,785	3,473	3,404	4,506	5.98%
<b>City of Chicago</b>							
Hyde Park	4,280	4,325	4,481	4,568	4,536	4,670	2.03%
Jefferson	13,439	13,404	13,528	15,138	14,917	15,368	4.42%
Lake	7,309	7,310	7,410	7,933	7,814	8,069	2.49%
Lake View	11,077	11,125	11,347	11,974	11,797	12,131	3.31%
North Chicago	18,174	18,619	18,659	19,435	19,827	20,452	4.60%
Rogers Park	1,624	1,626	1,657	1,997	1,954	2,033	6.09%
South Chicago	18,201	18,761	19,375	20,639	20,831	21,200	4.75%
West Chicago	12,222	12,646	13,060	15,230	15,215	15,722	7.39%
<b>Total EAV</b>	<b>155,788</b>	<b>164,055</b>	<b>170,893</b>	<b>172,735</b>	<b>181,643</b>	<b>195,688</b>	<b>4.79%</b>

Shaded figures indicate assessed values following triennial reassessments.

**AWARDS AND ACHIEVEMENTS RECOGNITION FOR THE FIVE-YEAR PERIOD, 2024-2020**

Algae Biomass Organization	2020	<i>Innovation Collaboration of the Year Award</i>
American Public Works Association	2023	<i>Chicago Metro Chapter Suburban Branch: Public Works Project of the Year Award for Mount Prospect's Levee 37 Interior Drainage Stormwater Improvement Project and Skokie's Green Alleys Program</i> <i>Chicago Metro Chapter Southwest Branch: Public Works Project of the Year Award for the Flossmoor Berry Lane Stormwater Improvement Project</i>
American Society of Civil Engineers - Illinois Section	2024	<i>Outstanding Engineering Achievement Award in the \$25 million to \$100 million category for the Addison Creek Reservoir in Bellwood, Illinois</i>
	2023	<i>Outstanding Engineering Achievement Award in the \$10 million to \$25 million category for the Golf Mill Park Stormwater Mitigation Project in Nilus, Illinois</i>
	2022	<i>Sustainability in Civil Engineering Achievement Award for the Buffalo Creek Reservoir Expansion Project</i>
Chicago Metropolitan Agency For Planning (CMAP)	2021	<i>CMAP Regional Excellence Award in the category of Regional Resilience: Buffalo Creek Reservoir</i>
Friends of the Chicago River	2022	<i>Chicago River Blue Award for work on the Natalie Creek Flood Control Project</i>
Funders Network	2020	<i>Partners for Places Award for Space To Grow: Greening Chicago Schoolyards</i>
Government Finance Officers Association of the United States and Canada	2024-2020	<i>Budget document recognized for Distinguished Budget Presentation</i>
	2023-2020	<i>Certificate of Achievement for Excellence in Financial Reporting for the MWRD Retiree Health Care Trust - Annual Comprehensive Financial Report for Fiscal Years 2020 through 2023</i> <i>Certificate of Achievement for Excellence in Financial Reporting - Annual Comprehensive Financial Report for Fiscal Years 2020 through 2023</i> <i>Certificate of Achievement for Excellence in Financial Reporting for the MWRD Retirement Fund - Annual Comprehensive Financial Report for Fiscal Years 2020 through 2023</i>
Illinois Association for Floodplain and Stormwater Management	2021	<i>Stormwater Management Award</i>
Illinois Employer Support of the Guard and Reserve	2021	<i>Nomination for the Secretary of Defense Freedom Award</i>
Illinois Water Environment Association	2022	<i>Kari K. Steele, President, is the recipient of the Public Official of the Year award. The Public Official of the Year award is presented to an elected or appointed public official that has made a documented significant contribution in the areas of clean water legislation, public policy, government service, or another area of public prominence that resulted in improvements to the water environment</i>
International Water Association	2024	<i>Climate Smart Utilities Recognition Award, Most Inspiring Achiever Category</i>
Lesbian, Gay, Bisexual, and/or Transgender Chamber of Commerce	2021	<i>Supplier Diversity Advocate of the Year</i>
National Association of Clean Water Agencies (NACWA), formerly known as Association of Metropolitan Sewerage Agencies	2023	<i>Excellence in Management Platinum Recognition Award</i> <i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Platinum Award for 27 consecutive years of full compliance for Lemont Water Reclamation Plant; Platinum Award for 19 consecutive years of full compliance for James C. Kirie Water Reclamation Plant; Platinum Award for 18 consecutive years of full compliance for Terrence J. O'Brien Water Reclamation Plant; Platinum Award for 16 consecutive years of full compliance for Hanover Park Water Reclamation Plant; and Platinum Award for 10 consecutive years of full compliance for John E. Egan Water Reclamation Plant</i> <i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Gold Award for Stickney Water Reclamation Plant</i> <i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Silver Award for Calumet Water Reclamation Plant</i>
	2022	<i>National Environmental Achievement Award for Public Information and Education Video for "Where Does IT Go?" animation</i> <i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Platinum Award for 31 consecutive years of full compliance for Calumet Water Reclamation Plant; Platinum Award for 26 consecutive years of full compliance for Lemont Water Reclamation Plant; Platinum Award for 18 consecutive years of full compliance for James C. Kirie Water Reclamation Plant; Platinum Award for 17 consecutive years of full compliance for Terrence J. O'Brien Water Reclamation Plant; Platinum Award for 15 consecutive years of full compliance for Hanover Park Water Reclamation Plant; and Platinum Award for nine consecutive years of full compliance for John E. Egan Water Reclamation Plant</i>

**AWARDS AND ACHIEVEMENTS RECOGNITION FOR THE FIVE-YEAR PERIOD, 2024-2020**

National Association of Clean Water Agencies (NACWA), formerly known as Association of Metropolitan Sewerage Agencies (continued)	2022	<i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Gold Award for Stickney Water Reclamation Plant</i>
	2021	<i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Platinum Award for 30 consecutive years of full compliance for Calumet Water Reclamation Plant; Platinum Award for 25 consecutive years of full compliance for Lemont Water Reclamation Plant; Platinum Award for 17 consecutive years of full compliance for James C. Kirie Water Reclamation Plant; Platinum Award for 16 consecutive years of full compliance for Terrence J. O'Brien Water Reclamation Plant; Platinum Award for 14 consecutive years of full compliance for Hanover Park Water Reclamation Plant; and Platinum Award for eight consecutive years of full compliance for John E. Egan Water Reclamation Plant</i>
	2020	<i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Gold Award for Stickney Water Reclamation Plant</i> <i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Platinum Award for 29 consecutive years of full compliance for Calumet Water Reclamation Plant; Platinum Award for 24 consecutive years of full compliance for Lemont Water Reclamation Plant; Platinum Award for 16 consecutive years of full compliance for James C. Kirie Water Reclamation Plant; Platinum Award for 15 consecutive years of full compliance for Terrence J. O'Brien Water Reclamation Plant; Platinum Award for 13 consecutive years of full compliance for Hanover Park Water Reclamation Plant; and Platinum Award for seven consecutive years of full compliance for John E. Egan Water Reclamation Plant</i> <i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Gold Award for Stickney Water Reclamation Plant</i>
National Institute of Governmental Purchasing	2024-2021	<i>Quality Public Procurement Department (QPPD) Accreditation (formerly known as "Outstanding Agency Accreditation Award." Accreditation certification is valid for three years from the day of award)</i>
Peoples Gas	2022	<i>Energy Efficiency Award for the heat exchanger installation and boiler removal project at the Calumet Water Reclamation Plant</i>
United States Patent and Trademark Office	2023	<i>United States Patent on Systems and Methods for Reducing Total Dissolved Solids (TDS) in Wastewater by an Algal Biofilm Treatment. Joint Patent issued to the Iowa State University Research Foundation Inc., Ames, Iowa and the Metropolitan Water Reclamation District of Greater Chicago</i>
	2020	<i>Patent for Production of Carbon-Based Compounds from Cellulosic Feedstock Fermentation; Application Number 62/965,592</i>
Water Environment Federation	2023	<i>Utility of the Future Today Recognition</i>
	2020	<i>Utility of the Future Today Recognition</i> <i>Public Communication &amp; Outreach Program Award</i> <i>Ralph Fuhrman Medal for Outstanding Water Quality Academic-Practice Collaboration</i>
Water Research Foundation	2022	<i>Outstanding Subscriber Award for Applied Research</i>

**FINANCIAL GLOSSARY**

**Abatement:** A complete or partial cancellation of tax levy imposed by a government.

**Accrual Basis of Accounting:** The basis of accounting under which transactions are recognized when they occur, regardless of the timing of cash receipts and disbursements.

**Accrued:** The accumulation of a receivable or payable during a given period even though no explicit transaction occurs within that period.

**Activities:** The major programs and projects performed by an organizational unit.

**Ad Valorem Tax:** A tax levied in proportion to the value of the property against which it is levied (also known as property tax).

**Appropriation:** An amount of money in the budget, authorized by the Board of Commissioners, for expenditure or obligation within organizational units for specific purposes. The Corporate Fund appropriates money for operating and general purposes. The Capital Improvements Bond Fund appropriates money for major improvements, plant expansion, sewers, etc.

**Assessed Valuation:** The value of all taxable property within the boundaries of the District as a basis for levying taxes (i.e., the property's value). See Tax Base.

**Assets:** Resources owned or held by the District which have monetary value.

**Balance Sheet:** A statement showing the financial position at a given time, disclosing assets, liabilities, and fund balances.

**Balanced Budget:** Budgeted resources are equal to budgeted requirements.

**Bond:** A written promise to pay a specified sum of money (called the principal) at a specified date in the future, together with periodic interest at a specified rate. In the budget document, these payments are identified as debt service.

**Bond Redemption & Interest Fund (Debt Service Fund):** Established to account for annual property tax levies and certain other revenues, primarily interest on investments, which are used for the payment of principal and interest of general obligation bond issues.

**Budget:** A balanced financial plan for a given period of time, which includes appropriations and tax levy ordinances for the various sources of revenue which finance the various funds. The budget is not only a financial plan; it also serves as a policy guide, as an operations guide, and as a communications medium.

**Capital Equipment:** Fixed assets such as vehicles, marine equipment, computers, furniture, technical instruments, etc., which have a life expectancy of more than one year and a value over \$5,000.

**Capital Improvement Program:** The aggregate compilation of those individual construction projects identified as necessary for new facilities, or to rehabilitate, replace, or expand existing District facilities, for the District to continue to meet its statutory service mandates in keeping with existing regulatory requirements.

**Capital Improvements Bond Fund:** Established to account for the proceeds of bonds authorized by the Illinois General Assembly, government grants and certain other revenues, all to be used in connection with improvements, replacements and additions to the District's facilities.

**Capital Outlay:** Expenditures which result in the acquisition of, or addition to, fixed assets, including land, buildings, improvements, machinery, and equipment. Most equipment or machinery is included in the annual operating budget. Capital improvements such as the acquisition of land, construction, and engineering expenses are included in the Capital Budget.

**Capital Projects Fund:** Established to account for all resources, principally bond proceeds and construction grants, which are used for the acquisition or construction of capital facilities. Included in Capital Projects Funds are the Capital Improvements Bond Fund and the Construction Fund.

**Capitalized:** Capital outlays recorded as additions to the asset account, not as expenses.

**Carryover (Net Assets Appropriable):** The resource balance left after subtracting Current Liabilities and Designated Fund Balances from Current Assets.

**Cash Basis of Accounting:** Revenues are not recorded until cash is received, and expenditures are recorded only when cash is disbursed.

**Cash Management:** A conscious effort to manage cash flows in such a way that interest and penalties paid are minimized and interest earned is maximized. Funds received are deposited on the day of receipt and invested as soon as the funds are available. The District maximizes the return on all funds available for investment without sacrifice of safety or necessary liquidity.

**Classification of Budgetary Code Accounts:** A manual published annually which specifies the official code designations set forth in the annual budget for the purposes of accounting and expenditure control. Budgetary code listings for funds, organizations, locations, programs and line items are included.

**Commitment Items:** Expenditure classifications established to account for and budget for approved appropriations. Also referred to as Line Items.

**Construction Fund:** Established to account for an annual property tax levy and certain other revenues to be used in connection with improvements, replacements, and additions to the District's facilities.

**FINANCIAL GLOSSARY (continued)**

**Construction Working Cash Fund:** Established to make temporary loans (repayable from the tax levy of the applicable year) to the Construction Fund, thus reducing the need for issuing short-term debt and the resultant interest expense.

**Consumer Price Index (CPI-U):** A measure of the average change over time in the prices paid by urban consumers for a market basket of consumer goods and services.

**Corporate Fund:** Established to account for an annual property tax levy and certain other revenues which are to be used for the operations and payments of general expenditures of the District not specifically chargeable to other funds.

**Corporate Working Cash Fund:** Established to make temporary loans (repayable from the tax levy of the applicable year) to the Corporate Fund, thus reducing the need for issuing short-term debt and the resultant interest expense.

**Crosshatch (#):** The crosshatch mark (#) indicates a restriction on the filling of a vacated position.

**Current Assets:** Cash plus assets that are expected to be converted to cash, sold, or consumed during the next twelve months or as a part of the normal operating cycle.

**Current Liabilities:** Obligations that will become due within the next year or within the normal operating cycle, if longer than a year.

**Debt Service Fund:** See Bond Redemption & Interest Fund.

**Debt Service Requirements:** The amount of money required to pay interest and principal on outstanding debt.

**Delinquent Taxes:** Taxes remaining unpaid on and after the date to which a penalty for nonpayment is attached.

**Depreciation:** The allocation of the acquisition cost of plant, property, and equipment to the particular periods or products that benefit from the utilization of the asset in service.

**Disbursements:** Payments made on obligations.

**Encumbrances:** Obligations incurred in the form of orders, contracts, and similar items that will become payable when goods are delivered or services rendered.

**Equalization:** After the County Assessor has established the assessed valuation for a given year, and following any revisions by the Board of (Tax) Appeals, the Illinois Department of Revenue is required by statute to review the assessed valuation. The Illinois Department of Revenue establishes an equalization factor, commonly called the “multiplier,” for each county to make all valuations uniform among the 102 counties in the state.

**Equalized Assessed Valuation (EAV):** Once the equalization factor (multiplier) is established, the assessed valuation, as revised by the Board of (Tax) Appeals, is multiplied by the equalization factor (multiplier) to determine the EAV.

**Expenditure:** An amount of money disbursed or obligated. Expenditures include current operating expenses requiring the present or future use of net current assets, debt service, and capital outlays. (see Accrual and Cash Basis of Accounting).

**Fiduciary Funds:** Established to account for transactions related to assets held in trust for a public purpose.

**Fiscal Year:** The timeframe to which the budget applies. The period for the District is from January 1 through December 31.

**Fixed Assets:** Long-term tangible assets that have a normal use expectancy of more than one year and do not lose their individual identity through use. Fixed assets include buildings, equipment, improvements other than buildings, and land.

**Function:** A group of related tasks, such as sewage treatment and collection, or the reduction of water pollution, which is aimed at accomplishing a major service or regulatory program for which a governmental unit is responsible.

**Fund:** An accounting entity established to account for sums of money or other resources, such as taxes, charges, fees, etc., to conduct specified operations and to attain certain objectives. Funds are frequently under specific limitations. For more information regarding specific funds, refer to the Financial Narrative in [Section III](#), “Financial Statements by Fund.”

**Fund Accounting:** A governmental accounting system which is organized and operated on a fund basis.

**Fund Balance:** The cumulative difference of all revenues and all expenditures of the fund from the time the governmental entity was established. Fund balance is also considered to be the difference between fund assets and fund liabilities, and is sometimes referred to as “fund equity.”

**Generally Accepted Accounting Principles (GAAP):** Uniform minimum standards of, and guidelines for, external financial accounting and reporting. They govern the form and content of the basic financial statements of an entity. GAAP encompasses the conventions, rules, and procedures necessary to define accepted accounting practices at a particular time. They include not only broad guidelines of general application, but also detailed practices and procedures. GAAP provides a standard by which to measure financial presentations. The primary authoritative statement on the application of GAAP to state and local governments is Government Accounting Standards Board (GASB) pronouncements.

**General Obligation Bonds:** Bonds, the payment for which the full faith and credit of the issuing government are pledged.

**FINANCIAL GLOSSARY (continued)**

**Governmental Funds:** Group of funds utilized to account for revenues and expenditures in compliance with the legal requirements and constraints of current statutes for governmental agencies.

**Grant:** A contribution by one governmental unit to another unit. The contribution is usually made to aid in the support of a specified function, such as sewer construction, pollution control, etc.

**Home-Rule Unit:** The principle or practice of self-government in the internal affairs of a dependent political unit. In Illinois, any municipality with a population of more than 25,000 is a home-rule unit unless it elects by referendum not to be a home-rule unit. Any other municipality may elect by referendum to become a home-rule unit.

**Internal Control:** Methods and procedures that are mainly concerned with the authorization of transactions, safeguarding of assets, and accuracy of the financial records.

**Liabilities:** Obligations incurred in past or current transactions requiring present or future settlement.

**Limited Tax Bonds:** A form of non-referendum bonding authority granted by Illinois Public Act 89-385 allowing the District to issue additional debt for projects initiated after October 1, 1991. Limited Tax Bonds can be issued to the extent that the total debt service requirements of any new debt, when combined with existing debt service, do not exceed the debt service extension base established by the Act.

**Line Items:** Expenditure classifications established to account for and budget for approved appropriations. Also referred to as Commitment Items.

**Mid-Year Reviews:** Twice during the fiscal year (in May and August), the current year budget is evaluated based on spending to date and current projections. The primary areas reviewed and analyzed are (1) current year budget versus previous year revenues and expenditures; (2) year-to-date expenditure and revenue status plus expenditure and revenue projections for the remainder of the year; and (3) data to support recommendations for budget transfers.

**Modified Accrual Basis of Accounting:** The basis of accounting under which revenues are recognized when measurable and available to pay liabilities, and expenditures are recognized when the liability is incurred except for interest on long-term debt which is recognized when due.

**Multiplier:** See Equalization.

**Net Assets Appropriable:** That resource balance left after subtracting Current Liabilities and Designated Fund Balances from Current Assets. Commonly referred to as carryover.

**Net Present Value:** A mathematical formula used to measure the expected return on investments by calculating how much money needs to be invested today to result in a certain sum at a future time.

**Object Classification:** A grouping of expenditures on the basis of goods or services purchased (e.g., personal services, materials and supplies, equipment, etc.), also referred to as Object of Expenditure.

**Objectives:** The annual organizational levels of achievement expected. A statement of purpose defined more specifically than a goal. (A goal can include several related objectives.) Objectives are listed in order of priority with their associated costs, including estimates of salaries, equipment, supplies, etc.

**Obligations:** Amounts which a government may be legally required to meet out of its resources. They include not only actual liabilities, but also encumbrances not yet paid.

**Ordinance:** A bill, resolution, or order by means of which appropriations are given legal effect. It is the method by which the appropriation of the annual budget is enacted into law by the Board of Commissioners per authority of state statutes.

**Other Postemployment Benefits (OPEB):** Cost of retiree health insurance benefits recognized over the active service life of the employees rather than on a pay-as-you-go basis.

**Performance:** The measurable unit of types of work, related to District activities and, where meaningful, the costs of operation that are used to develop the costs for each unit of activity (e.g., dollars per one million gallons of sewage treated).

**Personal Property Replacement Tax:** Since July 1979, this income tax on corporations, partnerships, and invested capital of utilities replaces the personal property taxes previously levied.

**Pollution Control Facilities:** The State of Illinois directly assesses all pollution control facilities which have been certified by the Pollution Control Board. Pollution control facilities include any system, method, construction, device, or appliance appurtenant that is designed, constructed, installed, or operated for the primary purpose of eliminating, preventing, or reducing air and water pollution as defined in the Environmental Protection Act. This does not include any pollution control facility used for radioactive waste, nuclear generation of electrical energy, or for sewage disposal or treatment.

**Programs:** The essential activities performed by the District such as collection, treatment, flood and pollution control, etc., including specific and related sub-activities.

**Property Tax Extension Limitation Laws:** Illinois Public Act 89-0001 provides for limitations on real estate property tax levies. As applicable to the District, the 1994 tax levy, payable in 1995 is limited to a 5 percent increase from the 1993 levy. Future levies are limited to increases of the lesser of 5 percent or the percentage change in the national Consumer Price Index (CPI-U).



**FINANCIAL GLOSSARY (continued)**

**Property Tax Rate:** The amount of tax stated in terms of a unit of the tax base, expressed as dollars per \$100 of equalized assessed valuation.

**Railroad Property:** The State of Illinois directly assesses railroad property which includes all railroad “operating property.” Tracks and right-of-way, all structures, equipment, and all property connected with or used in the operation of the railroad along with real estate held for expansion. Non-operating railroad property is assessed by the County Assessor.

**Real Property:** Real estate, including land and improvements (buildings, fences, pavements, etc.), classified for purposes of assessment.

**Refunding Bonds:** Bonds issued to retire bonds already outstanding.

**Reserve Claim Fund:** Established for the payment of claims, awards, losses, judgments, or liabilities which might be imposed against the District, and for the emergency repair or replacement of damaged District property.

**Resources:** The actual assets of a governmental unit, such as cash, taxes receivable, land, buildings, etc., including estimated revenues applying to the current fiscal year, and bonds authorized and unissued.

**Retirement Fund:** Established to account for annual pension costs and supported in part by property taxes which are levied in accordance with statutory requirements.

**Revenue:** Income generated by taxes, notes, bonds, investment income, land rental, user charge, sludge, and scrap sales, as well as federal and state grants.

**Sinking Fund:** See Bond Redemption & Interest Fund.

**Special District:** A governmental entity established by the State of Illinois for a specific purpose or purposes. The District was originally organized under an act of the General Assembly of the State of Illinois in 1889.

**State Revolving Fund (SRF):** Under the Water Quality Act Amendment of 1987, federal authorization created State Revolving Funds administered by State agencies which provide loans from these funds to municipal agencies for their wastewater construction programs. These loans carry interest rates which are below general rates available in the municipal bond market. Therefore, pollution control facilities receive subsidies which can provide the approximate equivalent of a 25 to 30 percent grant.

**Tax Base:** The aggregate value of the items being taxed. The base of the District’s real property tax is the market value of all taxable real estate within the boundaries of the District. See assessed valuation.

**Tax Cap:** (Property Tax Extension Limitation Laws). Illinois Public Act 89-0001 provides for limitations on real estate property tax levies. As applicable to the District, the 1994 tax levy, payable in 1995 is limited to a 5 percent increase from the 1993 levy. Future levies are limited to increases of the lesser of 5 percent or the percentage change in the National Consumer Price Index (CPI-U).

**Tax Levy:** An amount of money raised through the collection of property taxes to finance each fund operation.

**Tax Levy Ordinance:** An ordinance through which taxes are levied. See ordinance.

**Tax Rate:** See Property Tax Rate.

**Taxes:** Mandatory charges levied by a governmental unit for the purpose of financing services performed for the common benefit.

**User Charge System:** In compliance with the 1977 Clean Water Act, the District is required to augment the ad valorem property tax system with a charge related to the actual use of waste treatment services. Users exceeding their ad valorem amount pay additional amounts for services received.

**Working Cash Funds (Corporate, Construction, and Stormwater):** Authorized by Illinois State Statutes to make temporary loans to the Corporate, Construction, and Stormwater Management Funds. Loans are repaid to the Working Cash Funds from the tax levies of the funds. The use of Working Cash Funds eliminates the need for the issuance of short-term financing.

**GLOSSARY OF TECHNICAL TERMS**

**Biochemical Oxygen Demand (BOD):** The quantity of oxygen used in the biochemical oxidation of organic matter in a specified time, at a specific temperature, and under specific conditions; the BOD analysis is a standard test used in assessing wastewater strength. See “Carbonaceous Biochemical Oxygen Demand.”

**Biological Oxidation:** The process whereby living organisms, in the presence of oxygen, convert the organic matter contained in wastewater into new cells and subsequently into more stable compounds.

**Biosolids:** The nutrient-rich organic materials resulting from the treatment of domestic sewage in a wastewater treatment facility. These organic materials are generated when solids (sewage sludge) generated during the treatment of domestic sewage are treated further to meet the 40 CFR (Code of Federal Regulations) Part 503 sewage sludge regulatory requirements for beneficial reuse.

**Carbonaceous Biochemical Oxygen Demand (CBOD):** The portion of BOD attributable to organic matter containing carbon; does not include nitrogenous oxygen demand.

**Centrifuge:** A mechanical device in which centrifugal force is used to separate solids from liquids and/or to separate liquids of different densities, e.g., a dewatering device.

**Coarse and Fine Screens:** A coarse screen is a bar screen with approximate 3” openings located at the point of incoming wastewater which is used to capture large objects and other debris; this device protects the sewage pumps. A fine screen is a bar screen with approximately 5/8” openings to collect and remove small debris via a traveling rake. The screening is conveyed to a scavenger disposal box.

**Collection System:** A system of underground conduits/sewers collecting wastewater from a source and conveying it to the treatment facility.

**Combined Sewer:** A sewer that transports wastewater and (in wet weather conditions) stormwater.

**Design Capacity:** The maximum rate of sewage flow which a treatment plant is capable of treating, on a long-term basis, to continuously attain required effluent quality.

**Dewatering:** Water removal or concentration of solids by filtration, centrifugation, or drying.

**Digestion, Anaerobic:** The biological decomposition of organic matter in the absence of oxygen, resulting in partial gasification, liquidation, and mineralization. The digester gas is collected, compressed, and used to fuel the plant boilers.

**Drying Bed:** Large areas on which solids are placed for dewatering by gravity, drainage, and evaporation.

**Effluent:** The resulting product of the wastewater treatment process which is also used for tank cleaning, grass watering, and conveyor belt cleaning.

**Exceptional Quality (EQ):** Exceptional Quality refers to biosolids or composted biosolids that meet the Class A pathogen standard, lowest metal concentration limits, and vector attraction reduction requirement specified in 40 CFR Part 503. Biosolids meeting the EQ criteria can be beneficially used without any restrictions.

**503 Regulations:** The United States Environmental Protection Agency issued on February 19, 1993, comprehensive federal sewage sludge use and disposal regulations which are organized in five parts: general provisions, land application, surface disposal, pathogens and vector attraction reduction, and incineration. Parts addressing standards for land application, surface disposal, and incineration practices consist of sections covering applicability and special requirements, management practices, frequency of monitoring, recordkeeping, and reporting requirements.

**Industrial User (IU):** A person who conducts any industrial, manufacturing, agricultural, trade, or business process or who conducts the development, recovery, or processing of natural resources.

**Industrial Waste:** All solid, liquid, or gaseous waste resulting from an industrial user.

**Infrastructure:** Assets that are long-lived capital assets that normally are stationary in nature and normally can be preserved for a significantly greater number of years than most capital assets. Examples from our infrastructure holdings include: wastewater tankage, LASMA Drying sites, SEPA stations, the Deep Tunnel, and sewerage interceptors.

**Interceptor:** A larger sewer which “intercepts” the wastewater from smaller and/or local sewers.

**Interceptor Inspection and Rehabilitation Program (IIRP):** The inspection and repair of District sewers and interceptors.

**Lagoon, Solids:** An earthen basin which is used for the storage, continued stabilization, and dewatering of solids.

**Lysimeter:** A device used for collecting water from the pore spaces of soils and for determining the chemical composition of the water that percolates through a certain depth of soil.

**Maintenance Management System (MMS):** A District-wide computerized system to assist management in maintaining the District’s infrastructure.

**National Pollutant Discharge Elimination System (NPDES):** The permit and regulation system governing direct discharges into navigable waters administered by the IEPA and USEPA.

**Odor Control Program:** The systematic modifying or altering of certain processes to minimize obnoxious odors. Ferric chloride, ozonation (conversion of oxygen into ozone), and deodorants are some of the various methods used in combating odors.

**GLOSSARY OF TECHNICAL TERMS (continued)**

**Phycoremediation:** The process of using algae (macro-algae or micro-algae) for the removal of pollutants, like nutrients (nitrogen and phosphorus), from the wastewater and carbon dioxide (CO<sub>2</sub>) from waste air.

**Pretreatment (Industrial):** Any method, construction, device, arrangement, or appliance installed for the purpose of treating, neutralizing, stabilizing, disinfecting, or disposing of sewage, industrial waste, or other wastes prior to entry into the District's sewerage system.

**Pretreatment Program:** The District's efforts to identify, monitor and control by enforcement, the discharge of industrial waste from industrial sources into the District's sewerage system, in conformance with federal regulations promulgated pursuant to the Clean Water Act.

**Primary Treatment:** The District uses a series of large screens to remove large debris from the wastewater which can clog the machinery. Heavy solids like sand and grit are then removed in the grit chamber. Any remaining heavy solids settle to the bottom of the primary settling tanks.

**Reservoirs, Storm:** Temporary storage areas for containing surface waters during extreme storm conditions.

**Secondary Treatment Process:** The wastewater flows to aeration tanks which have been seeded with bacteria. Filtered air is pumped through the liquid to provide oxygen for the bacteria. The bacteria consume organic materials in the wastewater, grow and multiply. The mixture of bacteria and water then flow into a secondary settling tank. The bacteria clump together and become heavy "flocs" which settle to the bottom of the tank and are removed. At this point, the water can be discharged to a nearby waterway after disinfection, with over 90 percent of its contaminants removed.

**Set Point:** The desired or target value for an essential variable of a system.

**Sewage:** Water-carried human wastes or a combination of water-carried wastes from residences, business buildings, institutions, and industrial establishments, together with such ground, surface, storm, or other waters as may be present.

**Sewage and Waste Control Ordinance:** An ordinance to provide for the abatement and prevention of pollution by regulating and controlling the quantity and quality of sewage and industrial waste admitted to or discharged into the sewerage systems, sewage treatment facilities, and waterways under the jurisdiction of the District. This ordinance was originally adopted by the District's Board of Commissioners in 1969 and continues to be amended as necessary.

**Sewerage System:** Sewers, intercepting sewers, pipes, or conduits, pumping stations, force mains, constructed drainage ditches, surface water intercepting ditches, and all other constructions, devices, and appliances used for collecting or conducting sewage, industrial waste, or other wastes to a point of treatment or ultimate disposal.

**Sidestream Elevated Pool Aeration (SEPA):** A process in which a portion of the flow of a body of water is pumped up approximately 15 feet; the water is then allowed to cascade downward over a series of weirs, thus increasing the dissolved oxygen content of the body of water.

**Solids:** The accumulated solids separated from wastewater during processing. The precipitate or product from chemical treatment, coagulation, or sedimentation of wastewater.

**Solids Content:** The weight of total solids in sludge per unit total weight of sludge, expressed in percent. Water content plus solids content equals 100 percent.

**Solids Processing:** A variety of settling or filtering operations (grit and scum dewatering, raw sludge concentration, sludge stabilization, dewatered stabilized sludge air drying, for example) used to collect solid material from wastewater or other liquids for subsequent utilization.

**Spoil Pile:** Excavated materials such as soil and rock that are piled for storage as the result of canal construction activities.

**Struvite:** A salt precipitate of magnesium, ammonium, and phosphate in wastewater treatment facilities which may build up to the level that cause operational blockages.

**Suspended Solids:** Solid material that either floats on the surface of, or contained in suspension in, wastewater or other liquids. This material is largely removed by settling or filtering processes at a treatment plant. (See Solids Processing, above.)

**TARP (Deep Tunnel):** The Tunnel and Reservoir Plan (TARP) improves water quality by capturing combined sewer overflows (CSOs), storing this polluted wastewater, and then pumping it to a treatment plant for processing.

**Tertiary Treatment:** The third stage of wastewater treatment which purifies the wastewater by removal of fine particles, nitrates, and phosphates with sand filtration. This process removes 99 percent of the impurities.

**United States Environmental Protection Agency (USEPA):** This federal agency is responsible for setting the guidelines and policies related to wastewater effluents and solids disposal. The Illinois EPA issues the District's National Pollutant Discharge Elimination System permit and other regulatory constraints.

**Utilization:** Solids used for daily landfill cover, final cover for landfill closure, and to reclaim severely disturbed soil such as strip-mining land.

**Wastewater Treatment:** Processes which involve physical removal of contaminants from the wastewater by use of coarse screens, fine screens, grit tanks and settling tanks (primary treatment); further treatment via aeration and clarification (secondary treatment); and in some cases, the physical or chemical separation and removal of impurities from secondary-treated effluent (tertiary treatment).

**Wetlands:** Areas which are inundated by surface or groundwater at a frequency which maintains saturation. The wetlands can be natural (marshes, bogs, swamps, for example) or manmade.

**ACRONYMS**

<b>ACH</b>	Automated Clearing House	<b>IGA</b>	Intergovernmental Agreement
<b>BOD</b>	Biochemical Oxygen Demand	<b>IT</b>	Information Technology
<b>CALSMA</b>	Calumet Solids Management Area	<b>ITD</b>	Information Technology Department
<b>CAWS</b>	Chicago Area Waterway System	<b>JULIE</b>	Joint Utility Location Information for Excavators, Inc.
<b>CBOD</b>	Carbonaceous Biochemical Oxygen Demand	<b>kWh</b>	kilowatt-hour
<b>CCDOETH</b>	Cook County Department of Transportation and Highways	<b>KWRP</b>	Kirie Water Reclamation Plant
<b>CIBF</b>	Capital Improvements Bond Fund	<b>LASMA</b>	Lawndale Avenue Solids Management Area
<b>CIP</b>	Capital Improvement Program	<b>LSSS</b>	Local Sewer Systems Section
<b>CPI</b>	Consumer Price Index	<b>LWRP</b>	Lemont Water Reclamation Plant
<b>CSA</b>	Calumet Service Area	<b>mg/L</b>	milligrams per liter
<b>CSO</b>	Combined Sewer Overflow	<b>M&amp;O</b>	Maintenance & Operations
<b>CUP</b>	Chicago Underflow Plan	<b>M&amp;R</b>	Monitoring & Research
<b>CWRP</b>	Calumet Water Reclamation Plant	<b>MBE</b>	Minority-owned Business Enterprise
<b>DRSCW</b>	DuPage River Salt Creek Workgroup	<b>MGD</b>	Millions of Gallons per Day
<b>DWP</b>	Detailed Watershed Plan	<b>MOB</b>	Main Office Building - 100 E. Erie St., Chicago, Illinois
<b>EAV</b>	Equalized Assessed Valuation	<b>MOBA</b>	Main Office Building McMillan Pavilion - 111 E. Erie St., Chicago, Illinois
<b>EBPR</b>	Enhanced Biological Phosphorus Removal	<b>MOBC</b>	Main Office Building Complex - MOB & MOBA
<b>ESG</b>	Environmental, Social, Governance/Leadership	<b>MSPS</b>	Mainstream Pumping Station
<b>EQ</b>	Exceptional Quality	<b>MWRD</b>	Metropolitan Water Reclamation District
<b>EWRP</b>	Egan Water Reclamation Plant	<b>NAA</b>	Net Assets Appropriable
<b>FEMA</b>	Federal Emergency Management Agency	<b>NACWA</b>	National Association of Clean Water Agencies
<b>FTE</b>	Full-Time Equivalent	<b>NBPS</b>	North Branch Pumping Station
<b>GAAP</b>	Generally Accepted Accounting Principles	<b>NPDES</b>	National Pollutant Discharge Elimination System
<b>GASB</b>	Government Accounting Standards Board	<b>NSA</b>	North Service Area
<b>GFOA</b>	Government Finance Officers Association	<b>OM&amp;R</b>	Operations, Maintenance, & Replacement costs
<b>GIS</b>	Geographic Information System	<b>OPEB</b>	Other Postemployment Benefits
<b>GPS</b>	Global Positioning System	<b>OUC</b>	Office of Underground Coordination
<b>HPWRP</b>	Hanover Park Water Reclamation Plant	<b>OWRP</b>	O'Brien Water Reclamation Plant (formerly known as Northside Water Reclamation Plant)
<b>HSOM</b>	High Strength Organic Materials	<b>P&amp;MM</b>	Procurement & Materials Management
<b>HVAC</b>	Heating, Ventilation, and Air Conditioning	<b>PPRT</b>	Personal Property Replacement Tax
<b>IDOT</b>	Illinois Department of Transportation	<b>RAPS</b>	Racine Avenue Pumping Station
<b>IEPA</b>	Illinois Environmental Protection Agency	<b>RAS</b>	Return Activated Sludge

**ACRONYMS (continued)**

<b>RFP</b>	Request for Proposal
<b>RMIS</b>	Risk Management Information System
<b>SAP</b>	SAP is a German computer software firm
<b>SBE</b>	Small Business Enterprise
<b>SP</b>	Strategic Plan
<b>SEPA</b>	Sidestream Elevated Pool Aeration stations
<b>SIU</b>	Significant Industrial User
<b>SRF</b>	State Revolving Fund loan program
<b>SS</b>	Suspended Solids
<b>SSA</b>	Stickney Service Area
<b>SSMP</b>	Small Streams Maintenance Program
<b>SWRP</b>	Stickney Water Reclamation Plant
<b>TAM</b>	Technical, Administrative, and Managerial
<b>TARP</b>	Tunnel and Reservoir Plan
<b>TIF</b>	Tax Increment Financing
<b>USEPA</b>	United States Environmental Protection Agency
<b>VBE</b>	Veteran-owned Business Enterprise
<b>WBE</b>	Women-owned Business Enterprise
<b>WEFTEC</b>	Water Environment Federation's Technical Exhibition and Conference
<b>WMO</b>	Watershed Management Ordinance
<b>WRP</b>	Water Reclamation Plant

**NOTE PAGE**



## Metropolitan Water Reclamation District of Greater Chicago Historical Information And Milestones

- 1837** Chicago was incorporated as a city. The city's primary source of drinking water is Lake Michigan. Due to poor drainage and discharges to Lake Michigan, water-borne diseases plagued the city throughout the 1800s.
- 1856** Sewers were constructed to collect the city's wastewater. These sewers emptied into the Chicago River, ultimately becoming a health hazard.
- 1885** A torrential rainstorm flushed pollution from the river into Lake Michigan prompting public concern for ways to safeguard the quality of the drinking water.
- 1886** A Drainage and Water Supply Commission was created to study the growing problem of contamination of the city's water supply.
- 1889** Illinois Legislature passed an act enabling the establishment of the Sanitary District of Chicago to keep sewage pollution out of Lake Michigan. Referendum passed creating the Sanitary District of Chicago.
- 1892** Ground was broken on the 28-mile Main Channel of the Sanitary and Ship Canal. The canal would reverse the flow of the Chicago River by linking it to the Des Plaines River, and thus prevent pollution of Lake Michigan by the river.
- 1900** Main Channel of the Sanitary and Ship Canal opened.
- 1907** Main Channel Extension including Lockport Powerhouse and Lock completed.
- 1910** North Shore Channel completed.
- 1919** District's Board of Commissioners passed an ordinance committing the District to the construction and operation of treatment plants.
- 1922** The 16-mile Calumet-Sag Channel became operational; Calumet Treatment Plant placed into operation.
- 1928** North Side Treatment Plant placed into operation.
- 1930** U.S. Supreme Court Decree issued reducing diversion of Lake Michigan in steps. Effective January 1, 1939, diversion reduced to 1,500 cubic feet per second; West Side Treatment Plant placed into operation.
- 1939** Southwest Treatment Plant placed into operation.
- 1949** West and Southwest Treatment Plants combined.
- 1955** District's name changed to the Metropolitan Sanitary District of Greater Chicago (MSDGC); the Chicago Sewage Disposal System named one of the Seven Wonders of Modern Engineering by the American Society of Civil Engineers (ASCE), recognizing the size of the system, including intercepting sewers, treatment plants, and waterways.
- 1956** Referendum, enabled by legislation, passed adding 412 square miles to the District.
- 1961** Lemont Treatment Plant placed into operation.
- 1963** Hanover Park Treatment Plant placed into operation.
- 1969** Board adopted the Sewage and Waste Control Ordinance, prohibiting any waste discharge into Lake Michigan.
- 1971** Fulton County "Prairie Plan" began whereby abandoned strip-mines were reclaimed into agriculturally productive land; won "Special Civil Engineering Achievement Award" in 1974 from the ASCE.
- 1972** District adopted the Tunnel and Reservoir Plan (TARP) as recommended by a committee of representatives from the state, city, county, and MSDGC. The plan provided for the collection, transportation, storage, and treatment of combined rainwater and sewage that in periods of heavy rain overflowed into waterways, underpasses, and basements.
- 1975** Construction began on the 31-mile Mainstream tunnel system; Egan Treatment Plant placed into operation.
- 1977** Construction began on the Calumet tunnel system.
- 1980** O'Hare Treatment Plant (later renamed Kirie Water Reclamation Plant) and Upper Des Plaines TARP tunnel system placed into operation.
- 1985** Mainstream tunnel system placed into operation, capable of storing one billion gallons of combined sewage and stormwater; TARP Mainstream System, Phase I, received award for "Outstanding Civil Engineering Achievement" from the ASCE.
- 1986** TARP received awards for "Outstanding Civil Engineering Achievement" and "Outstanding Civil Engineering Achievement of Past 100 Years in Illinois"; 9.2-mile Calumet tunnel system placed into operation.
- 1988** Water quality improvements recognized as causing increased real estate development along the waterway system; construction began on the Des Plaines TARP tunnel.
- 1989** District celebrated its 100th anniversary. As part of the Centennial Celebration, the District changed its name to the Metropolitan Water Reclamation District of Greater Chicago and dedicated the Centennial Fountain.
- 1990** Army Corps of Engineers and the District began construction of the O'Hare-CUP Reservoir, the first of three reservoirs in the TARP program.
- 1992-1994** District's five Sidestream Elevated Pool Aeration Stations (SEPA) completed along the Calumet River system. These stations add oxygen to the waterways to enhance the aquatic environment. The District received "Outstanding Civil Engineering Achievement" in 1994 by ASCE for these projects.
- 1998** O'Hare-CUP Reservoir placed into operation, capable of storing 350 million gallons of combined sewage and stormwater; North Branch tunnel placed into operation.
- 1999** Des Plaines tunnel placed into operation; construction began on the McCook Reservoir.
- 2000** District celebrated the 100th anniversary of the reversal of the Chicago River and completed a century of protecting Chicago's water environment; construction began on Thornton Transitional Reservoir.
- 2003** Construction began on the major capital improvement program for the Calumet, North Side, and Stickney Water Reclamation Plants.
- 2004** By an act of the Illinois Legislature, the District became responsible for stormwater management in Cook County.
- 2006** TARP Phase I 109-mile tunnel system completed; all four TARP tunnel systems in operation.
- 2007** District celebrated 100th anniversary of the Lockport Powerhouse and Dam.
- 2009** Construction of the Thornton Composite Reservoir began.
- 2010** District celebrated the 100th anniversary of the North Shore Channel.
- 2012** North Side Water Reclamation Plant renamed Terrence J. O'Brien Water Reclamation Plant.
- 2013** Board adopted the Watershed Management Ordinance, establishing uniform and minimum stormwater regulations throughout Cook County.
- 2014** District celebrated its 125th anniversary.
- 2015** Disinfection facility at the Calumet Water Reclamation Plant placed into operation. Thornton Composite Reservoir placed into operation.
- 2016** Phosphorus recovery facility placed into operation at the Stickney Water Reclamation Plant; implemented an ultraviolet disinfection process at the O'Brien Water Reclamation Plant; Board adopted the Resource Recovery Ordinance, which provides legal framework for resource recovery initiatives.
- 2017** Phase I of the McCook Reservoir completed.



**BELOW:**

**New landscaping on the shore of the Cal-Sag Channel east of Kedzie Avenue in Robbins is part of the first phase of the Robbins Heritage Park and Midlothian Creek Restoration Project.**

The project will help address overbank flooding through a new stormwater park and pond, along with improvements to Midlothian Creek and an overflow channel that connects to the Cal-Sag Channel. The Robbins Heritage Park will include a naturalized wetland detention area and channel improvements to resemble a park-like setting in central Robbins, along with bioswales and a rain garden.

**ON THE COVER:**

**MWRD trades worked to repair a pump in the Southwest Pump and Blower Building at the Stickney Water Reclamation Plant.**

The six massive pumps in this facility with 3,000 to 3,500 horsepower motors can each convey up to 240 million gallons of water per day. This critical step in the treatment process lifts water up from the sewer level to the ground so it can flow by gravity through the treatment processes in the rest of the plant.



**Metropolitan Water Reclamation District of Greater Chicago**

100 East Erie Street • Chicago, Illinois 60611-3154

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