



# 2021 Budget

Tentative Budget

The 2021 Executive Director's Recommendations  
(previously printed) and Amendments Herein

November 19, 2020

Metropolitan Water Reclamation District of Greater Chicago



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished  
Budget Presentation  
Award*

PRESENTED TO

**Metropolitan Water Reclamation District of Greater  
Illinois**

For the Fiscal Year Beginning

**January 1, 2020**

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, 2020. 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

# 2021 Budget

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### Officers

**Brian A. Perkovich**

Executive Director

**Mary Ann Boyle**

Treasurer

**Allison Fore**

Public & Intergovernmental Affairs Officer

**Darlene A. LoCascio**

Director of Procurement & Materials Management

**Susan T. Morakalis**

General Counsel

**John P. Murray**

Director of Maintenance & Operations

**Catherine A. O'Connor**

Director of Engineering

**Edward W. Podcerwinski**

Director of Monitoring & Research

**Beverly K. Sanders**

Director of Human Resources

**William S. Sheriff**

Acting Administrative Services Officer

**John H. Sudduth**

Director of Information Technology

**Jacqueline Torres**

Clerk/Director of Finance

For additional copies of this document, contact:

Shellie A. Riedle, Budget Officer

100 East Erie Street, Chicago, IL 60611-3154

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

### Board of Commissioners



Seated, from left to right:

**Barbara J. McGowan**

Vice President

**Kari K. Steele**

President

**Frank Avila**

Chairman of Finance

Standing, from left to right:

**Mariyana T. Spyropoulos**

Commissioner

**Marcelino Garcia**

Commissioner

**Debra Shore**

Commissioner

**Josina Morita**

Commissioner

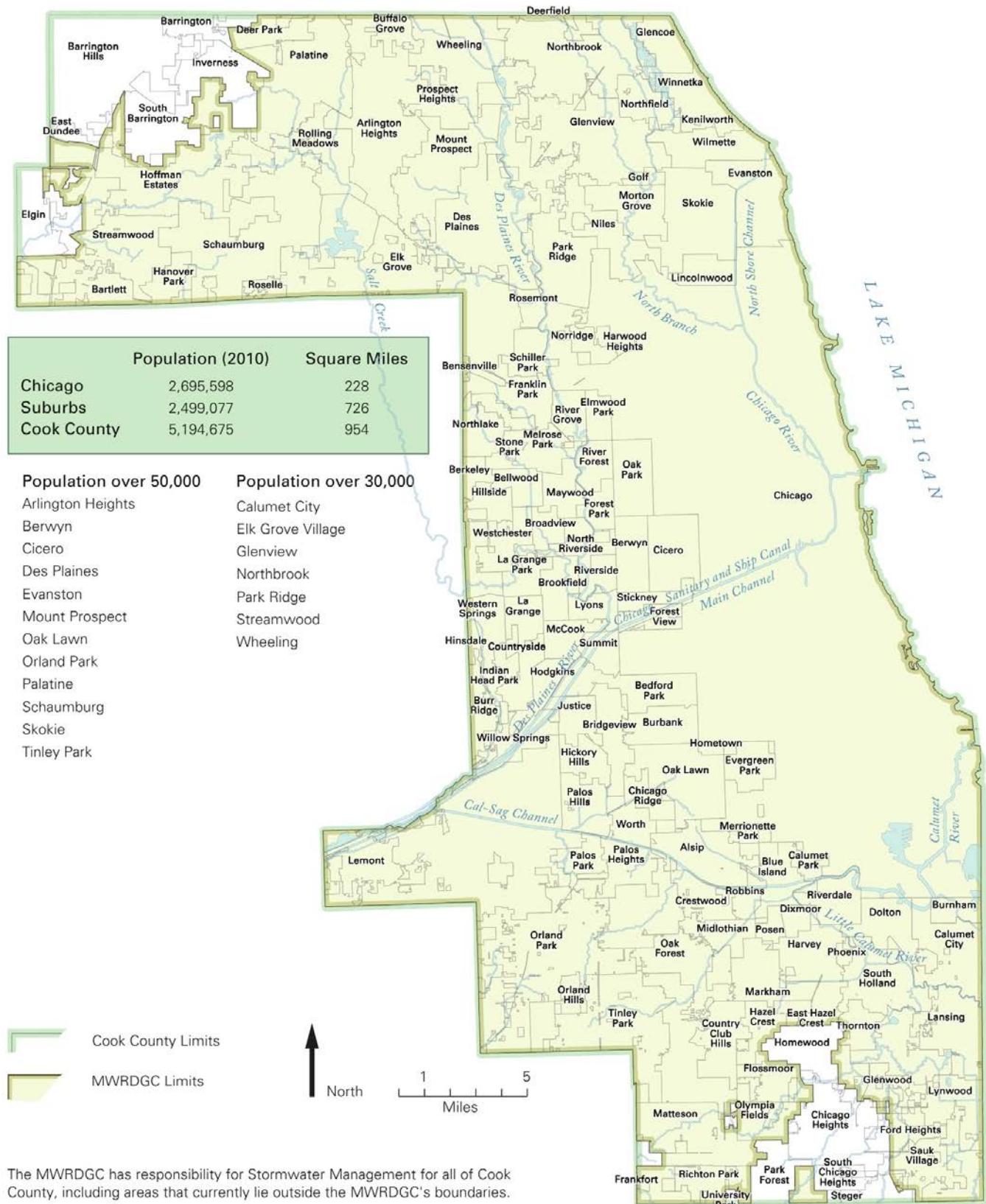
**Kimberly Du Buclet**

Commissioner

**Cameron Davis**

Commissioner

## Cook County and Metropolitan Water Reclamation District of Greater Chicago



The 2021 Tentative Budget for the Metropolitan Water Reclamation District of Greater Chicago consists of the Executive Director's Recommendations (previously published on October 13, 2020) and amendments approved by the Committee on Budget and Employment on November 5, 2020. This supplement to the Executive Director's Recommendations includes all of the Line Item Analysis schedules for each department with the recommendations of the Committee on Budget and Employment. A Position Analysis schedule is included only for departments where changes occurred due to actions taken at the November 5, 2020 Committee on Budget and Employment meeting. All changes are highlighted.

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**NOTE PAGE**



**Metropolitan Water Reclamation District of Greater Chicago**

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

312.751.5600

November 19, 2020

The Honorable Kari K. Steele  
And Members of the Board of Commissioners  
O F F I C E

Honorable Ladies and Gentlemen:

The Metropolitan Water Reclamation District of Greater Chicago (District) 2021 Budget, as presented by the Executive Director and revised by the Committee on Budget and Employment, is a \$1.1 billion spending plan that will prepare the District for the future. The 2021 Tentative Budget was prepared during an unprecedented year of challenges. The COVID-19 global pandemic necessitated adapting processes to continue to meet our mission of protecting the health and safety of the residents of Cook County while prioritizing the health and safety of our employees. The 2021 budget anticipates slow economic recovery in 2021 and 2022 by limiting revenue growth over the next two years. The District has a long history of proactive and responsible financial management and a strong reserve balance that will stabilize operations during both volatile economic conditions and changing weather patterns. The 2021 Tentative Budget provides flexibility to meet operational needs with controlled expenditure growth and targeted investment in programs that will prepare the District for the future.

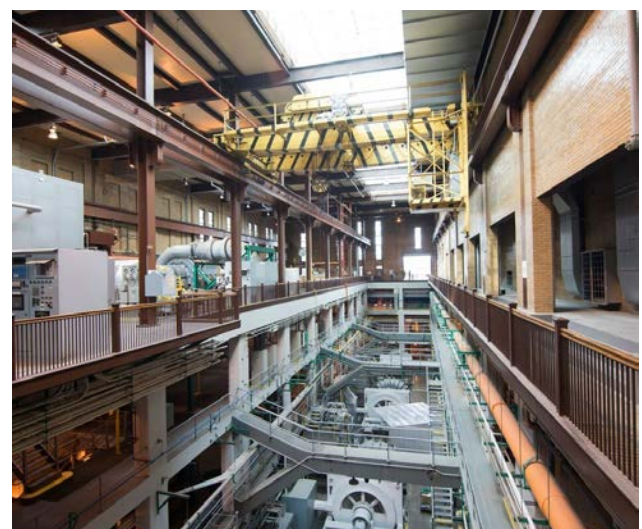
**Committee Hearings**

The Committee on Budget and Employment received the Executive Director's Recommendations on October 13, 2020. A hearing on these recommendations was conducted on November 5, 2020, when the Executive Director and his Executive Team presented 2020 accomplishments and initiatives included in the 2021 Budget. The Executive Director presented a financial summary of the 2021 Budget. The District has a stable Corporate Fund, a sustainable capital program, and remains committed to funding the Other Postemployment Benefits (OPEB) Fund. The Retirement Fund has a funded ratio of 55.9 percent.

**Pandemic Response**

The District serves 129 communities covering nearly all of Cook County, treating an average of 1.4 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 34 stormwater detention reservoirs to provide regional flood protection. Throughout the pandemic, the District continues to staff seven water reclamation plants 24 hours per day, seven days per week, while permitting staff to work remotely if their jobs allow them to do so. The District has continued normal operation by utilizing virtual meetings and teleconferencing to maintain commensurate level of productivity.

In addition, the District continued to operate its flood control facilities throughout the record rainfall received throughout our service area in May 2020, during Illinois' Stay at Home Executive Order. As the area received over 9.5 inches of rainfall, the District's Deep Tunnel and Reservoir system, as well as the regional stormwater reservoirs in our network of flood control facilities, helped to reduce combined sewer overflows and alleviate flooding in the region by storing billions of gallons of stormwater runoff.



*Operations have continued at the seven water reclamation plants throughout the pandemic. The inside of the pump & blower building of the Stickney WRP is pictured.*

As our offices remain closed, District staff turned the challenges presented by the pandemic into opportunities to modernize processes. The Watershed Management Ordinance Electronic Permit Application Intake Process was implemented to accept plans, engineering documents and applications electronically, eliminating the need for large design documents to be mailed. The District also launched a new online payment system to expedite processing for permit and other programs, streamlining operations for staff and those doing business with the District.



*In response to the COVID-19 pandemic, the District began offering virtual tours, allowing participants to view areas that are not available on in-person tours.*

The District's public education efforts have continued, shifting to virtual formats. Virtual tours allow participants to not only see the water reclamation process, but also travel back in time to see how the Chicago River was reversed, descend 300 feet into the deep tunnel system, and travel with a crew of scientists as they sample fish. During the spring of 2020, the District proactively disseminated fact sheets and information to minimize the spread of COVID-19, including information regarding the safety of biosolids, information regarding the region's water infrastructure, and managing flood waters during a pandemic. Additionally, our 8<sup>th</sup> Annual Sustainability Summit will be held virtually and will be designed to equip and empower partnering municipalities and environmental advocates with information on sustainability programs and initiatives.

### **Operating Budget**

The 2021 Corporate Fund Budget is \$397.7 million, a decrease of \$0.5 million from the 2020 Budget, holding the line on expenditures even as the District faces inflationary cost increases. Consistent, proactive plant maintenance is critical to meeting operational goals and fulfilling the District's mission to protect the health and safety of the public and to protect Lake Michigan.

In 2019, six of seven water reclamation plants (WRPs) received National Association of Clean Water Agencies Platinum Peak Performance Awards for maintaining 100 percent compliance with National Pollutant Discharge Elimination Permits for at least five consecutive years. All seven WRPs have earned 99.20 percent or higher compliance since 2010. Additionally, the District was recognized as a Utility of the Future Today, a distinction for water agencies that have increased efficiency in operations, enhanced productivity, and achieved long-term sustainability.

### **Capital Budget**

The 2021 Capital Improvement Program Budget is \$259.8 million. Of the total budget, 41.7 percent is dedicated to projects at the seven WRPs, including roof replacements, service tunnel rehabilitation, concrete replacement, and boiler replacements.

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. The District utilizes grants, State Revolving Fund loans, general obligation and alternative revenue bonds, and pay-as-you-go funding to maximize value. The District is in the process of applying to the Water Infrastructure Finance and Innovation Act loan program to provide another option for low-cost financing.

The 2021 Property Tax Levy for the payment of principal and interest on bonds and loans is \$247.4 million, remaining virtually flat to the 2020 Property Tax Levy of \$247.3 million. The Construction Fund is a property-tax supported fund designed to finance small construction projects on a pay-as-you-go basis. The 2021 Property Tax Levy is recommended to be \$7.0 million.

### **Stormwater Management**

Changing weather patterns and intense bursts of precipitation can quickly overwhelm systems throughout the region. The District has made significant investments in developing over 170 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, provide flood protection for thousands of homes, businesses, and critical infrastructure. Through the Stormwater Partnership Program, the District has partnered with other local municipalities to design and construct over 140 regional and local stormwater management projects.

The Watershed Management Ordinance (WMO) establishes uniform and minimum stormwater regulations throughout Cook County and was updated in 2020. Among the changes made to the WMO, the District increased stormwater detention requirements based on the Illinois State Water Survey's Updated Bulletin 75 rainfall data.

The 2021 Budget continues the District's commitment to reduce flooding. The 2021 Stormwater Management Fund Budget is \$110.0 million to further our investment in flood control projects and support of local stormwater issues. The 2021 Property Tax Levy will remain flat to the 2020 Property Tax Levy at \$52.9 million.



## Financial Summary

The District continues to maintain a AAA bond rating from Fitch Ratings and a AA bond rating from Standard & Poor's. The District's funding policies for both the Retirement Fund and Other Postemployment Benefits Fund demonstrate the District's commitment to long-term fiscal management and contribute to strong credit ratings. The District began 2020 in a very strong financial position, contributing \$20.0 million in advance funding to the Retirement Fund to maintain growth in the Retirement Fund's funded ratio.

The District's appropriation and tax levy for the 2021 Tentative Budget, compared to the 2020 Budget as Adjusted is:

	<u>2021</u>	<u>2020 Adjusted</u>	<u>Increase (Decrease)</u>	<u>Percent Change</u>
Total Tax Levy	\$ 658,492,358	\$ 651,357,170	\$ 7,135,188	1.1 %
Aggregate Levy	\$ 358,122,400	\$ 351,117,200	\$ 7,005,200	2.0 %
Appropriation	\$ 1,127,325,050	\$ 1,151,786,467	\$ (24,461,417)	(2.1)%

The aggregate levy is statutorily limited to an annual increase of five percent or the Consumer Price Index (CPI), whichever is lower. The increase in the 2021 aggregate levy is equal to the estimated CPI plus new property for 2021.

## Conclusion

The 2021 Tentative Budget and the Five-Year Financial Plan were developed with the understanding that excess budgetary fund balance will be required to sustain operations during the U-shaped economic recovery. Using the Strategic Business 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 District's Strategic Business Plan, *Recovering Resources, Transforming Water*, encompasses the District's mission and provides a framework for evaluating new projects, ensuring sustainability, and providing clean water resources for generations to come. The 2021 Tentative 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,



Frank Avila  
Chairman, Committee on Budget and Employment



Josina Morita  
Vice-Chairman, Committee on Budget and Employment

***Budget Message / Highlights*****Major Budget Amendments Impacting the 2021 Tentative Budget**

The 2021 Executive Director's Recommended Budget was presented to the Board of Commissioners on October 13, 2020 according to the budget process detailed on pages 30-32 of the 2021 Executive Director's Recommendations.

The purpose of this section is to describe budgetary amendments between the Executive Director's Recommendations and the Tentative Budget. The total appropriation increased by \$5.4 million, or 0.48 percent, from the 2021 Executive Director's Recommendations of \$1.122 billion to \$1.127 billion due to increases in the Capital Improvements Bond Fund. No changes to the property tax levies or user fees were necessary to support these increases.

The Corporate Fund, Construction Fund, Retirement Fund, Reserve Claim Fund, Stormwater Management Fund, and Bond Redemption & Interest Fund appropriations are presented without modification from the 2021 Executive Director's Recommendations.

Revised budget pages present estimated balance sheet and appropriable revenue for the Corporate Fund due to changes in 2020 revenue estimates and 2021 appropriated assets and estimated balance sheet for the Capital Improvements Bond Fund.

<b>Appropriations</b>					
	<b>2021 Executive Director's Recommendations</b>	<b>2021 Tentative Budget</b>	<b>Increase (Decrease)</b>	<b>Percent Change</b>	
Corporate Fund	\$ 397,719,000	\$ 397,719,000	\$ —	—%	
Construction Fund	14,103,200	14,103,200	—	—%	
Retirement Fund	88,127,000	88,127,000	—	—%	
Reserve Claim Fund	39,624,900	39,624,900	—	—%	
Capital Improvements Bond Fund	240,276,700	245,659,200	5,382,500	2.24%	
Stormwater Management Fund	109,965,900	109,965,900	—	—%	
Bond Redemption & Interest Fund	232,125,850	232,125,850	—	—%	
<b>Total Budget</b>	<b>\$ 1,121,942,550</b>	<b>\$ 1,127,325,050</b>	<b>\$ 5,382,500</b>	<b>0.48%</b>	

**Corporate Fund**

The Corporate Fund is the District's general operating fund and includes appropriation requests for all the day-to-day operational costs anticipated for 2021. The year-end revenue estimates for the Corporate Fund are revised to include a Personal Property Replacement Tax payment from the State of Illinois that was \$5.7 million over the original year-end estimate. The Corporate Fund 2021 revenue estimate for TIF surplus has been increased by \$9.0 million to account for the increase expected from the City of Chicago's declaration of TIF Surplus in the City's 2021 Budget. The original revenue estimate was \$10.0 million. The revenue improvements reflected in the Tentative Budget will lessen the District's reliance on reserve balances to meet operating costs in 2021. The total appropriation request for the Corporate Fund remained unchanged from the 2021 Executive Director's Recommendations of \$397.7 million.

**Capital Improvements Bond Fund**

The Capital Improvements Bond Fund is budgeted on an "obligation basis," meaning that funding for the project is budgeted at the time of award. The projects are funded through current and future anticipated bonds, loans, or grants. The total appropriation request for the Capital Improvements Bond Fund increased by \$5,382,500, or 2.24 percent, from the 2021 Executive Director's Recommendations of \$240.3 million to \$245.7 million. The change in appropriation is due to changes in project schedules and cost estimates.

CHICAGO, November 19, 2020

**REPORT OF COMMITTEE ON BUDGET AND EMPLOYMENT**

Presented to the Board of Commissioners of the  
Metropolitan Water Reclamation District of Greater Chicago

*To the Honorable, President and Members of the Board of  
Commissioners of the Metropolitan Water Reclamation  
District of Greater Chicago*

LADIES AND GENTLEMEN:

Your Chairman of the Committee on Budget and Employment respectfully reports that he has under consideration the resources of the Metropolitan Water Reclamation District of Greater Chicago and its estimated receipts, together with the sum of money required to be appropriated to defray the necessary expenses and liabilities of the Metropolitan Water Reclamation District of Greater Chicago for the fiscal year beginning January 1, 2021 and ending December 31, 2021, as prepared and submitted by the Executive Director in the document entitled "2021 Budget - Executive Director's Recommendations - October 13, 2020," which document is incorporated by reference herein, made a part hereof and attached hereto.

Your Chairman of the Committee on Budget and Employment has duly considered and reviewed the above budget estimates and revised and amended the same, in certain particulars, which estimates, as amended, were and are approved by your Chairman of the Committee on Budget and Employment and are submitted herewith in final revised form, setting forth the details of the estimates of the resources, revenues and expenditures for the future consideration, review, adoption, and passage by the Board of Commissioners. Your Chairman of the Committee on Budget and Employment further reports that in the consideration and revision of the estimated resources and departmental expenditures, it has received, considered, and transmits them herewith for the guidance of the Board of Commissioners and for public information. The budget estimates are prepared and made up of the following three parts:

- a. General Budget summary setting forth the aggregate figures of the budget in such manner as to show the balanced relations between the total proposed expenditures and the total anticipated revenues and other means of financing the budget for the fiscal year ending December 31, 2021, contrasted with the actual receipts and disbursement figures for the preceding year and the estimated figures for the current year. The budget of the Corporate Fund, Construction Fund, Capital Improvements Bond Fund, and Stormwater Management Fund has been planned and balanced with receipts on an actual cash basis and expenditures on an accrual basis pursuant to Statutes,
- b. The several estimates, statements and other detail, and the complete financial plan for the budget year, set forth as required in Section 5.3 of the Metropolitan Water Reclamation District Act (Chap. 70, Sec. 2605/5.3, Illinois Compiled Statutes),
- c. Complete draft of the Appropriation Ordinances and Tax

Levy Ordinances required to give legal sanction to the appropriation when approved and adopted by the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago.

Your Chairman of the Committee on Budget and Employment further reports that he has prepared and herewith transmits a draft of Ordinances to be adopted and passed by the Board of Commissioners entitled:

"Annual Appropriation Ordinance of the Metropolitan Water Reclamation District of Greater Chicago for the fiscal year beginning January 1, 2021 and ending December 31, 2021";

and

"An Ordinance for the Levy of Taxes for the fiscal year beginning January 1, 2021 and ending December 31, 2021, 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, 2021, for the purpose of providing revenues for the Metropolitan Water Reclamation District Retirement Fund and Corporate Fund";

and

"An Ordinance for the Levy of Taxes for the fiscal year beginning January 1, 2021 and ending December 31, 2021, 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, 2021, for the purpose of providing revenues for the Construction Fund";

and

"An Ordinance for the Levy of Taxes for the fiscal year beginning January 1, 2021 and ending December 31, 2021, to pay the interest on outstanding Bonds and to discharge the principal thereof";

and

"An Ordinance for the Levy of Taxes for the fiscal year beginning January 1, 2021 and ending December 31, 2021, 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, 2021, for the purpose of providing revenues for the Reserve Claim Fund";

and

"An Ordinance for the Levy of Taxes for the fiscal year beginning January 1, 2021 and ending December 31, 2021, 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, 2021, for the purpose of providing revenues for the Stormwater Management Fund”;

Your Chairman of the Committee on Budget and Employment also recommends the passage of the following Orders:

Ordered: That the foregoing report and budget estimates as transmitted by the Chairman of the Committee on Budget and Employment, and the following Ordinances submitted with said report, which have not been adopted be and the same are hereby received for the consideration, adoption and passage by the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago:

“Annual Appropriation Ordinance of the Metropolitan Water Reclamation District of Greater Chicago for the fiscal year beginning January 1, 2021 and ending December 31, 2021”;

and

“An Ordinance for the Levy of Taxes for the fiscal year beginning January 1, 2021 and ending December 31, 2021 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, 2021, for the purpose of providing revenues for the Metropolitan Water Reclamation District Retirement Fund and Corporate Fund”;

and

“An Ordinance for the Levy of Taxes for the fiscal year beginning January 1, 2021 and ending December 31, 2021, 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, 2021, for the purpose of providing revenues for the Construction Fund”;

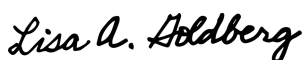
and

“An Ordinance for the Levy of Taxes for the fiscal year beginning January 1, 2021 and ending December 31, 2021, to pay the interest on outstanding Bonds and to discharge the principal thereof”;

and

“An Ordinance for the Levy of Taxes for the fiscal year beginning January 1, 2021 and ending December 31, 2021, 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, 2021, for the purpose of providing revenues for the Reserve Claim Fund”;

Approved as to Form and Legality:



Deputy General Counsel



General Counsel

and

“An Ordinance for the Levy of Taxes for the fiscal year beginning January 1, 2021 and ending December 31, 2021, 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, 2021, for the purpose of providing revenues for the Stormwater Management Fund”;

and it is further

Ordered: That upon the adoption and passage of the Appropriation Ordinance and the above mentioned Tax Levy Ordinances, the report of your Chairman of the Committee on Budget and Employment, together with the complete budget and statements of the assets, the estimated resources and the revenues of the Metropolitan Water Reclamation District of Greater Chicago for the fiscal year 2021 and the Ordinances listed above which are required to give legal sanction to the appropriations when adopted and passed by the Board of Commissioners, the vote shall be entered in the Proceedings of the Board of Commissioners and the ordinances, report, budget and statements shall be printed in book form for easy reference and examination, and for controlling the expenditures by the Board of Commissioners during the fiscal year beginning January 1, 2021 and ending December 31, 2021;

and it is further

Ordered: That the report of your Chairman of the Committee on Budget and Employment and the Appropriation Ordinances of the Metropolitan Water Reclamation District of Greater Chicago for the year 2021 and the Tax Levy Ordinances listed above which are required to give legal sanction to the appropriation when adopted and passed by the Board of Commissioners together with the summary of estimated revenues and estimated expenditures for the year beginning January 1, 2021 and ending December 31, 2021, shall be published once before January 20, 2021, in a newspaper having general circulation within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago;

and it is further

Ordered: That the Clerk of the Metropolitan Water Reclamation District of Greater Chicago is hereby authorized and directed to carry out the aforementioned orders and to incur the necessary expenses thereof.

Respectfully submitted,



Chairman,

Committee on Budget and Employment

# COMPARATIVE STATEMENT OF APPROPRIATIONS AND TAX LEVIES

## 2021-2019 ALL FUNDS

APPROPRIATIONS	2021 **	2020 AS PASSED	2020 AS ADJUSTED *	2019 ACTUAL
<b>FUND</b>				
Corporate Fund	\$ 397,719,000	\$ 398,200,800	\$ 398,200,800	\$ 377,612,500
Construction Fund	14,103,200	18,044,400	18,044,400	18,340,300
Capital Improvements Bond Fund ***	245,659,200	244,547,400	244,547,400	378,173,800
Stormwater Management Fund	109,965,900	116,258,000	116,258,000	91,410,100
Retirement Fund	88,127,000	107,319,000	107,319,000	87,281,000
Reserve Claim Fund	39,624,900	34,395,000	34,395,000	31,767,800
Bond Redemption & Interest Fund	232,125,850	233,021,867	233,021,867	238,357,541
<b>TOTAL</b>	<b>\$ 1,127,325,050</b>	<b>\$ 1,151,786,467</b>	<b>\$ 1,151,786,467</b>	<b>\$ 1,222,943,041</b>
<b>LEVIES</b>				
Corporate Fund	\$ 270,880,900	\$ 266,455,300	\$ 266,455,300	\$ 255,557,993
Construction Fund	7,000,000	7,000,000	4,934,300	7,600,000
Stormwater Management Fund	52,926,000	52,926,000	52,926,000	52,926,000
Retirement Fund	72,741,500	72,227,600	72,227,600	71,565,400
Reserve Claim Fund	7,500,000	7,500,000	7,500,000	7,500,000
Subtotal	\$ 411,048,400	\$ 406,108,900	\$ 404,043,200	\$ 395,149,393
Bond Redemption & Interest Fund:				
Capital Improvement Bonds - Series:				
2016 Qualified Energy Conservation Limited Tax Series F	\$ 165,804	\$ 165,804	\$ 165,804	\$ 165,804
2009 Limited Tax Series	35,564,767	35,564,767	35,564,767	35,564,767
2011 Limited Tax Series B	18,413,569	20,865,901	20,865,901	18,950,616
2011 Unlimited Tax Series C	2,142,416	2,142,417	2,142,417	2,515,991
2014 Limited Tax Series C	2,571,244	7,434,975	7,434,975	8,286,788
2014 Unlimited Tax Series A	5,181,348	5,181,348	5,181,348	5,181,348
2014 Alternate Revenue Unlimited Tax Series B ****	3,388,705	3,390,570	3,390,570	3,390,570
2016 Alternate Revenue Unlimited Tax Series E ****	3,756,477	2,590,674	2,590,674	2,590,674
Alternate Revenue Abatement ****	—	—	—	(5,981,244)
2016 Unlimited Tax Series C	1,554,405	1,554,405	1,554,405	1,554,405
2016 Limited Tax Series D	2,917,099	1,036,270	1,036,270	1,036,270
State Revolving Fund Bonds - Series: Various	100,648,212	98,657,072	99,433,455	100,170,457
State Revolving Fund Stormwater Abatement****	—	—	—	(203,389)
Refunding Bonds - Series:				
2007 Unlimited Tax Series A	26,717,876	26,727,980	26,727,980	26,694,301
2007 Unlimited Tax Series B	4,996,749	4,996,749	4,996,749	4,996,749
2007 Limited Tax Series C	5,541,607	5,541,607	5,541,607	5,541,607
2014 Limited Tax Series D	17,186,270	13,989,638	13,989,638	15,895,337
2016 Unlimited Tax Series A	14,555,959	14,555,959	14,555,959	14,555,959
2016 Limited Tax Series B	2,141,451	2,141,451	2,141,451	2,141,451
Subtotal Bond Redemption & Interest Fund	\$ 247,443,958	\$ 246,537,587	\$ 247,313,970	\$ 243,048,461
<b>TOTAL</b>	<b>\$ 658,492,358</b>	<b>\$ 652,646,487</b>	<b>\$ 651,357,170</b>	<b>\$ 638,197,854</b>
Abatement after the budget year ****	(11,221,507)	(8,121,101)	(8,121,101)	
<b>Total (after planned abatement)</b>	<b>\$ 647,270,851</b>	<b>\$ 644,525,386</b>	<b>\$ 643,236,069</b>	

NOTES: \* As Adjusted reflects the 2019 EAV (\$164,054,703,895) estimated to increase 3.0 percent, plus any subsequent supplemental levies or appropriations.

\*\* 2021 reflects an estimated 3.0 percent increase in EAV from the 2020 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

### 2021-2019 ALL FUNDS

Per \$100 in Equalized Assessed Valuation (EAV)

FUND		2021 **	2020 AS PASSED	2020 AS ADJUSTED *	2019 ACTUAL
	tax rate limit				
Corporate Fund	41¢	15.56¢	16.12¢	15.77¢	15.58¢
Construction Fund	10¢	0.40	0.42	0.29	0.46
Stormwater Management Fund	5¢	3.04	3.20	3.13	3.23
Retirement Fund		4.18	4.37	4.27	4.36
Reserve Claim Fund	½ ¢	0.43	0.45	0.44	0.46
Subtotal		23.61¢	24.56¢	23.90¢	24.09¢
Bond Redemption & Interest Fund:					
Capital Improvement & Interest Fund:					
2016 Qualified Energy Conservation Limited Tax Series F		0.01¢	0.01¢	0.01¢	0.01¢
2009 Limited Tax Series		2.04	2.15	2.10	2.17
2011 Limited Tax Series B		1.06	1.26	1.23	1.16
2011 Unlimited Tax Series C		0.12	0.13	0.13	0.15
2014 Limited Tax Series C		0.15	0.45	0.44	0.51
2014 Unlimited Tax Series A		0.30	0.31	0.31	0.32
2014 Alternate Revenue Unlimited Tax Series B ***		0.19	0.21	0.20	0.21
2016 Alternate Revenue Unlimited Tax Series E ***		0.22	0.16	0.15	0.16
Alternate Revenue Abatement ***		—	—	—	(0.37)
2016 Unlimited Tax Series C		0.09	0.09	0.09	0.09
2016 Limited Tax Series D		0.17	0.06	0.06	0.06
State Revolving Fund Bonds - Series:					
Various		5.78	5.97	5.88	6.11
Refunding Bonds - Series:					
2007 Unlimited Tax Series A		1.54	1.62	1.58	1.63
2007 Unlimited Tax Series B		0.29	0.30	0.30	0.30
2007 Limited Tax Series C		0.32	0.34	0.33	0.34
2014 Limited Tax Series D		0.99	0.85	0.83	0.97
2016 Unlimited Tax Series A		0.84	0.88	0.86	0.89
2016 Limited Tax Series B		0.12	0.13	0.13	0.13
Subtotal Bond Redemption & Interest Fund		14.23¢	14.92¢	14.63¢	14.84¢
<b>TOTAL</b>		<b>37.84¢</b>	<b>39.48¢</b>	<b>38.53¢</b>	<b>38.93¢</b>

NOTES: \* As Adjusted reflects the 2019 EAV (\$164,054,703,895) estimated to increase 3.0 percent, plus any subsequent supplemental levies or appropriations.

\*\* 2021 reflects an estimated 3.0 percent increase in EAV from the 2020 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.



# ACCOUNT SUMMARY COMPARISON

## 2021 - 2020 ALL FUNDS

ORGANIZATION OR FUND	Account Appropriation		Increase (Decrease) 2021-2020	
	2021	2020	Dollars	Percent
<b>Board of Commissioners</b>	\$ 5,212,300	\$ 5,294,300	\$ (82,000)	(1.5)
<b>General Administration</b>	20,953,100	29,712,200	(8,759,100)	(29.5)
<b>Monitoring &amp; Research</b>	32,724,200	31,827,100	897,100	2.8
<b>Procurement &amp; Materials Management</b>	10,509,200	9,944,900	564,300	5.7
<b>Human Resources</b>	61,099,700	61,446,800	(347,100)	(0.6)
<b>Information Technology</b>	18,987,200	18,492,400	494,800	2.7
<b>Law</b>	7,952,200	7,274,200	678,000	9.3
<b>Finance</b>	3,876,900	3,883,200	(6,300)	(0.2)
<b>Maintenance &amp; Operations:</b>				
<b>General Division</b>	13,630,700	33,059,200	(19,428,500)	(58.8)
<b>North Service Area</b>	48,371,800	45,642,200	2,729,600	6.0
<b>Calumet Service Area</b>	44,348,800	39,017,300	5,331,500	13.7
<b>Stickney Service Area</b>	104,127,300	86,695,900	17,431,400	20.1
<b>TOTAL Maintenance &amp; Operations</b>	\$ 210,478,600	\$ 204,414,600	\$ 6,064,000	3.0
<b>Engineering</b>	25,925,600	25,911,100	14,500	0.1
<b>TOTAL Corporate Fund</b>	\$ 397,719,000	\$ 398,200,800	\$ (481,800)	(0.1)
<b>Construction Fund</b>	14,103,200	18,044,400	(3,941,200)	(21.8)
<b>Capital Improvements Bond Fund</b>	245,659,200	244,547,400	1,111,800	0.5
<b>TOTAL Capital Budget</b>	\$ 259,762,400	\$ 262,591,800	\$ (2,829,400)	(1.1)
<b>Stormwater Management Fund</b>	109,965,900	116,258,000	(6,292,100)	(5.4)
<b>Bond Redemption &amp; Interest Fund</b>	232,125,850	233,021,867	(896,017)	(0.4)
<b>Retirement Fund</b>	88,127,000	107,319,000	(19,192,000)	(17.9)
<b>Reserve Claim Fund</b>	39,624,900	34,395,000	5,229,900	15.2
<b>GRAND TOTAL</b>	<u>\$1,127,325,050</u>	<u>\$1,151,786,467</u>	<u>\$ (24,461,417)</u>	<u>(2.1)</u>

# PERSONNEL SUMMARY COMPARISON

## 2021 - 2019 ALL FUNDS

ORGANIZATION OR FUND	Proposed FTEs 2021	Budgeted FTEs 2020	Actual FTEs 2019	Increase (Decrease) 2021-2020	
				FTEs	Percent
<b>Board of Commissioners</b>	36	36	36	—	—
<b>General Administration</b>	121	121	119	—	—
<b>Monitoring &amp; Research</b>	291	294	297	(3)	(1.0)
<b>Procurement &amp; Materials Management</b>	61	63	61	(2)	(3.2)
<b>Human Resources</b>	93	92	81	1	1.1
<b>Information Technology</b>	70	70	65	—	—
<b>Law</b>	38	38	38	—	—
<b>Finance</b>	27	27	27	—	—
<b>Maintenance &amp; Operations:</b>					
<b>General Division</b>	90	112	115	(22)	(19.6)
<b>North Service Area</b>	240	247	244	(7)	(2.8)
<b>Calumet Service Area</b>	193	188	188	5	2.7
<b>Stickney Service Area</b>	383	369	369	14	3.8
<b>TOTAL Maintenance &amp; Operations</b>	906	916	916	(10)	(1.1)
<b>Engineering</b>	199	205	202	(6)	(2.9)
<b>TOTAL Corporate Fund</b>	1,842	1,862	1,842	(20)	(1.1)
<b>Construction Fund</b>	—	—	—	—	—
<b>Capital Improvements Bond Fund</b>	—	—	—	—	—
<b>TOTAL Capital Budget</b>	—	—	—	—	—
<b>Stormwater Management Fund</b>	96	91	85	5	5.5
<b>Bond Redemption &amp; Interest Fund</b>	—	—	—	—	—
<b>Retirement Fund</b>	—	—	—	—	—
<b>Reserve Claim Fund</b>	—	—	—	—	—
<b>GRAND TOTAL</b>	1,938	1,953	1,927	(15)	(0.8)

**ALL FUNDS**
**SUMMARY OF REVENUE, EXPENDITURES, AND NET ASSETS APPROPRIABLE (b)**  
**2021 BUDGETED, 2020 ESTIMATED, AND 2019 ACTUAL**  
(In Thousands)

	FUND							
	CORPORATE	CAPITAL IMPROVEMENTS BOND	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT (d)	BOND REDEMPTION & INTEREST (d)	RESERVE CLAIM (d)	TOTAL
<b>2021 BUDGETED</b>								
Net Assets Appropriable	\$ 136,724.9	\$ (180,192.4)	\$ 7,355.2	\$ 59,539.1	\$ 88,127.0	\$ 225,883.7	\$ 39,437.9	\$ 376,875.4
Net Assets Appropriated	\$ 33,064.0	\$ (180,192.4)	\$ 7,355.2	\$ 59,539.1	\$ 88,127.0	\$ 225,883.7	\$ 39,437.9	\$ 273,214.5
Revenue	364,655.0	425,851.6	6,748.0	50,426.8	—	6,242.2	187.0	854,110.6
Appropriation	\$ 397,719.0	\$ 245,659.2	\$ 14,103.2	\$ 109,965.9	\$ 88,127.0	\$ 232,125.9	\$ 39,624.9	\$ 1,127,325.1
<b>2020 ESTIMATED</b>								
Beginning Net Assets Appropriable as adjusted (c)	\$ 118,906.8	\$ (178,385.9)	\$ 12,474.2	\$ 57,995.0	\$ 87,319.0	\$ 225,249.3	\$ 36,667.5	\$ 360,225.9
Revenue (a)	364,148.6	61,311.0	6,951.7	49,980.4	20,000.0	7,772.6	481.9	510,646.2
Adjustment for 2020 receipts	7,167.4	—	(1,956.5)	700.0	—	—	—	5,910.9
Expenditures	(353,497.9)	(68,500.0)	(10,114.2)	(49,136.3)	(107,319.0)	(233,021.9)	(5,000.0)	(826,589.3)
Ending Net Assets Appropriable	\$ 136,724.9	\$ (185,574.9)	\$ 7,355.2	\$ 59,539.1	\$ —	\$ —	\$ 32,149.4	\$ 50,193.7
<b>2019 ACTUAL</b>								
Beginning Net Assets Appropriable as adjusted (c)	\$ 102,687.0	\$ (152,365.1)	\$ 14,578.6	\$ 59,291.7	\$ 87,281.0	\$ 229,768.8	\$ 31,856.9	\$ 373,098.9
Revenue	369,282.3	52,449.0	7,361.1	43,156.8	—	8,588.8	2,083.5	482,921.5
Expenditures	(353,062.5)	(78,469.8)	(9,465.5)	(44,453.5)	(87,281.0)	(238,357.5)	(4,546.7)	(815,636.5)
Ending Net Assets Appropriable	\$ 118,906.8	\$ (178,385.9)	\$ 12,474.2	\$ 57,995.0	\$ —	\$ —	\$ 29,393.7	\$ 40,383.8
Adjusted NAA 1/1/2020	\$ 126,074.2		\$ 10,517.7	\$ 58,695.0				
Adjustment (a)	\$ 7,167.4		\$ (1,956.5)	\$ 700.0				

(a) Adjustment to NAA required due to current 2020 estimate on collection of property tax levies and PPRT. See the Balance Sheets and Appropriable Revenue statements 01/01/2020 for the Corporate (pages 86-87), Construction (pages 94-95), and Stormwater Management (pages 98-99) Funds. The adjustment is reflected in the 2020 revenues. The BF-19 amendment to increase the estimated 2020 year-end revenue is reflected in the 2020 adjustment for receipts.

(b) This statement is a summary presentation of pages 74-76, separating current revenue and NAA from the revenue category.

(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**  
**2021 BUDGETED**  
(In Thousands)

	FUND							
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	TOTAL
REVENUE								
Net Assets Appropriable	\$ 136,724.9	\$ (180,192.4)	\$ 7,355.2	\$ 59,539.1	\$ 88,127.0	\$ 225,883.7	\$ 39,437.9	\$ 376,875.4
Budget Reserve	(103,660.9)	—	—	—	—	—	—	(103,660.9)
Net Property Taxes	261,400.1	—	6,755.0	51,073.6	—	—	—	319,228.7
Personal Property Replacement Tax	16,000.0	—	—	—	—	—	—	16,000.0
Working Cash Borrowings Adjustment	(4,900.1)	—	(55.0)	(773.6)	—	—	—	(5,728.7)
Bond Sales (Present & Future)	—	342,744.6	—	—	—	—	—	342,744.6
Grants (Federal & State)	75.0	14,472.0	—	4,500.0	—	—	—	19,047.0
Investment Income	860.0	1,135.0	28.0	88.0	—	281.0	187.0	2,579.0
State Revolving Fund Loans	—	70,000.0	—	—	—	—	—	70,000.0
Property & Services	24,500.0	—	—	1,500.0	—	—	—	26,000.0
User Charge	37,000.0	—	—	—	—	—	—	37,000.0
TIF Differential Fee & Impact Fee	19,000.0	—	—	—	—	—	—	19,000.0
Equity Transfer for Stormwater Bond Payment	—	—	—	(5,961.2)	—	5,961.2	—	—
Equity Transfer	4,500.0	(4,500.0)	—	—	—	—	—	—
Resource Recovery	600.0	—	—	—	—	—	—	600.0
Miscellaneous	5,620.0	2,000.0	20.0	—	—	—	—	7,640.0
TOTAL REVENUE	\$ 397,719.0	\$ 245,659.2	\$ 14,103.2	\$ 109,965.9	\$ 88,127.0	\$ 232,125.9	\$ 39,624.9	\$ 1,127,325.1
EXPENDITURES								
Board of Commissioners	\$ 5,212.3	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 5,212.3
General Administration	20,953.1	—	—	—	—	—	—	20,953.1
Monitoring & Research	32,724.2	—	—	—	—	—	—	32,724.2
Procurement & Materials Mgmt.	10,509.2	—	—	—	—	—	—	10,509.2
Human Resources	61,099.7	—	—	—	—	—	—	61,099.7
Information Technology	18,987.2	—	—	—	—	—	—	18,987.2
Law	7,952.2	—	—	—	—	—	—	7,952.2
Finance	3,876.9	—	—	—	—	—	—	3,876.9
Engineering	25,925.6	245,659.2	14,103.2	—	—	—	—	285,688.0
Maintenance & Operations	210,478.6	—	—	—	—	—	—	210,478.6
Stormwater Management Fund	—	—	—	109,965.9	—	—	—	109,965.9
Retirement Fund	—	—	—	—	88,127.0	—	—	88,127.0
Bond Redemption & Interest Fund	—	—	—	—	—	232,125.9	—	232,125.9
Reserve Claim Fund	—	—	—	—	—	—	39,624.9	39,624.9
TOTAL EXPENDITURES	\$ 397,719.0	\$ 245,659.2	\$ 14,103.2	\$ 109,965.9	\$ 88,127.0	\$ 232,125.9	\$ 39,624.9	\$ 1,127,325.1

\* 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**  
**2020 ESTIMATED**  
(In Thousands)

	FUND								TOTAL
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM		
REVENUE									
Net Assets Appropriable	\$ 118,906.8	\$ (178,385.9)	\$ 12,474.2	\$ 57,995.0	\$ 87,319.0	\$ 228,249.3	\$ 36,667.5	\$ 363,225.9	
Adjustment for Receipts	7,167.4	—	(1,956.5)	700.0	—	—	—	5,910.9	
Net Property Taxes	257,129.4	—	6,755.0	51,073.6	—	—	—	314,958.0	
Personal Property Replacement Tax	19,000.0	—	—	—	—	—	—	19,000.0	
Working Cash Borrowings Adjustment	(4,929.4)	—	(55.0)	(773.6)	—	—	—	(5,758.0)	
Bond Sales (Present & Future)	—	—	—	—	—	—	—	—	
Grants (Federal & State)	72.1	15,027.0	—	3,500.0	—	—	—	18,599.1	
Investment Income	1,733.5	3,284.0	229.0	642.0	—	1,781.0	481.0	8,150.5	
State Revolving Fund Loans	—	50,000.0	—	—	—	—	—	50,000.0	
Property & Services	24,052.0	—	—	1,500.0	—	—	—	25,552.0	
User Charge	42,000.0	—	—	—	—	—	—	42,000.0	
TIF Differential Fee & Impact Fee	19,225.0	—	—	—	—	—	—	19,225.0	
Equity Transfer for Stormwater Bond Payment	—	—	—	(5,961.6)	—	5,961.6	—	—	
Equity Transfer to Retirement Fund**	—	(9,000.0)	—	—	20,000.0	(3,000.0)	—	8,000.0	
Resource Recovery	200.0							200.0	
Miscellaneous	5,666.0	2,000.0	22.7	—	—	30.0	0.9	7,719.6	
TOTAL REVENUE	\$ 490,222.8	\$ (117,074.9)	\$ 17,469.4	\$ 108,675.4	\$ 107,319.0	\$ 233,021.9	\$ 37,149.4	\$ 876,783.0	
EXPENDITURES									
Board of Commissioners	\$ 4,764.2	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,764.2	
General Administration	18,083.9	—	—	—	—	—	—	18,083.9	
Monitoring & Research	29,902.0	—	—	—	—	—	—	29,902.0	
Procurement & Materials Mgmt.	9,073.4	—	—	—	—	—	—	9,073.4	
Human Resources	51,145.8	—	—	—	—	—	—	51,145.8	
Information Technology	16,396.1	—	—	—	—	—	—	16,396.1	
Law	6,234.8	—	—	—	—	—	—	6,234.8	
Finance	3,600.1	—	—	—	—	—	—	3,600.1	
Engineering	22,971.2	68,500.0	10,114.2	—	—	—	—	101,585.4	
Maintenance & Operations	191,326.4	—	—	—	—	—	—	191,326.4	
Stormwater Management Fund	—	—	—	49,136.3	—	—	—	49,136.3	
Retirement Fund	—	—	—	—	107,319.0	—	—	107,319.0	
Bond Redemption & Interest Fund	—	—	—	—	—	233,021.9	—	233,021.9	
Reserve Claim Fund	—	—	—	—	—	—	5,000.0	5,000.0	
TOTAL EXPENDITURES	\$ 353,497.9	\$ 68,500.0	\$ 10,114.2	\$ 49,136.3	\$ 107,319.0	\$ 233,021.9	\$ 5,000.0	\$ 826,589.3	

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

\*\*The Equity Transfer to the Retirement Fund includes \$6.0 million from the Corporate Working Cash Fund, \$1.0 million from the Construction Working Cash Fund, and \$1.0 million from the Stormwater Working Cash Fund. Working Cash Funds are not included in the summary presentation.

**STATEMENT OF PERSONAL PROPERTY REPLACEMENT TAXES  
RECEIVABLE FOR 2021 AND PRIOR YEARS AT JANUARY 1, 2021  
INCLUDING THE ESTIMATED COLLECTIONS FOR THE YEAR 2021**

LEVY YEAR	FUND	BUDGETED RECEIVABLE	ACTUAL/ESTIMATED COLLECTED THROUGH 2020	CASH ESTIMATED IN 2021
2021	Corporate	\$ 16,000,000	\$ —	\$ —
	Retirement	18,558,500	—	—
	Construction	—	—	—
	Total	\$ 34,558,500	\$ —	\$ —
2020	Corporate	\$ 19,000,000	\$ —	\$ 19,000,000
	Retirement	18,427,400	—	18,427,400
	Construction	—	—	—
	Total	\$ 37,427,400	\$ —	\$ 37,427,400
2019	Corporate	\$ 15,000,000	\$ 21,902,000	\$ —
	Retirement	18,258,400	18,258,400	—
	Construction	—	—	—
	Total	\$ 33,258,400	\$ 40,160,400	\$ —
2018	Corporate	\$ 19,849,500	\$ 27,384,717	\$ —
	Retirement	18,250,500	18,250,500	—
	Construction	—	—	—
	Total	\$ 38,100,000	\$ 45,635,217	\$ —
2017	Corporate	\$ 18,164,000	\$ 17,970,367	\$ —
	Retirement	18,736,200	18,736,200	—
	Construction	—	—	—
	Total	\$ 36,900,200	\$ 36,706,567	\$ —
2016	Corporate	\$ 24,676,000	\$ 23,751,730	\$ —
	Retirement	16,624,500	16,624,500	—
	Construction	1,100,000	—	—
	Total	\$ 42,400,500	\$ 40,376,230	\$ —

NOTE: Personal Property Replacement Taxes are recorded as collected against the prior year's tax estimate. For example, collections in 2021 will be recorded against the 2020 budgeted receivable.

**CORPORATE FUND**  
**ESTIMATED BALANCE SHEET**  
**JANUARY 1, 2021 AND 2020**

	ASSETS			
	2021		2020	
	AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
<b>CURRENT ASSETS</b>				
Cash & Investments	\$ 138,113,671	\$ 138,113,671	\$ 102,572,725	\$ 102,572,725
Taxes Receivable	257,129,365	258,436,234	245,664,007	246,790,827
Replacement Tax	19,000,000	19,000,000	15,000,000	15,000,000
<b>Total Current Assets</b>	<b>\$ 414,243,036</b>	<b>\$ 415,549,905</b>	<b>\$ 363,236,732</b>	<b>\$ 364,363,552</b>
<b>LIABILITIES &amp; FUND EQUITY</b>				
<b>CURRENT LIABILITIES</b>				
Unpaid Bills:				
Accrued Salaries & Wages	\$ 2,782,000	\$ 2,782,000	\$ 3,820,000	\$ 3,820,000
Security & Bid Deposits	3,100,000	3,100,000	3,160,000	3,160,000
Payroll Withholding & Miscellaneous	843,000	843,000	2,100,000	2,100,000
Contractual Services	16,000,000	16,000,000	27,715,678	27,715,678
Due to Corporate Working Cash Fund	256,100,000	256,100,000	190,000,000	190,000,000
<b>Total Current Liabilities</b>	<b>\$ 278,825,000</b>	<b>\$ 278,825,000</b>	<b>\$ 226,795,678</b>	<b>\$ 226,795,678</b>
<b>Total Liabilities</b>		<b>\$ 278,825,000</b>		<b>\$ 226,795,678</b>
<b>ASSETS APPROPRIABLE FOR 2021 &amp; 2020</b>				
Net Assets Appropriable		\$ 136,724,905		\$ 137,567,874
Budget Reserve		(103,660,905)		(104,512,074)
Net Assets Appropriated		\$ 33,064,000		\$ 33,055,800
Estimated Revenue		364,655,000		365,145,000
<b>Total Assets Appropriable</b>		<b>\$ 397,719,000</b>		<b>\$ 398,200,800</b>
<b>FUND EQUITY</b>				
Undesignated	\$ 135,418,036		\$ 136,441,054	
<b>Total Fund Equity</b>	<b>\$ 135,418,036</b>		<b>\$ 136,441,054</b>	
<b>Total Liabilities &amp; Fund Equity</b>	<b>\$ 414,243,036</b>		<b>\$ 363,236,732</b>	

# CORPORATE FUND

## APPROPRIABLE REVENUE

### 2021 - 2018

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2021 BUDGET	2020 ADJUSTED	2020 BUDGET	2019	2018
Revenue from Property Taxes					
Gross Tax Levy	\$ 270,880,900	\$ 266,455,300	\$ 266,455,300	\$ 254,574,100	\$ 240,465,800
Less Allowance for Uncollectible Taxes	(9,480,832)	(9,325,936)	(9,325,936)	(8,910,094)	(8,416,303)
Net Property Taxes	\$ 261,400,068	\$ 257,129,364	\$ 257,129,364	\$ 245,664,006	\$ 232,049,497
Revenue from Personal Property					
Replacement Tax	\$ 16,000,000	\$ 19,000,000	\$ 19,000,000	\$ 15,000,000	\$ 19,849,500
Net Tax Sources	\$ 277,400,068	\$ 276,129,364	\$ 276,129,364	\$ 260,664,006	\$ 251,898,997
Adjustment to match working cash borrowings	(4,900,069)	(4,929,365)	(4,929,365)	(4,564,007)	(4,598,997)
Working Cash Financing at 95% of Gross Tax Sources	\$ 272,500,000	\$ 271,200,000	\$ 271,200,000	\$ 256,100,000	\$ 247,300,000
Investment Income	\$ 860,000	\$ 1,733,500	\$ 2,100,000	\$ 3,761,348	\$ 3,033,675
Land Rentals	24,500,000	24,000,000	23,000,000	25,760,486	23,036,179
Sewer Permit Fees	—	—	—	—	1,064,300
Federal & State Grants	75,000	72,100	—	—	—
Sewer Service Agreement Revenue	1,750,000	1,500,000	1,750,000	2,874,044	1,448,371
User Charge	37,000,000	42,000,000	43,000,000	51,783,405	41,301,817
Resource Recovery	600,000	200,000	600,000	784,568	559,373
Lockport Electrical Energy Generation	800,000	1,200,000	1,200,000	1,386,344	1,386,344
Miscellaneous (details below)	22,070,000	22,243,000	22,295,000	17,928,574	15,639,376
Subtotal	\$ 87,655,000	\$ 92,948,600	\$ 93,945,000	\$ 104,278,769	\$ 87,469,435
Adjustment to Net Assets Available for Projected Receipts	—	7,167,400	—	4,703,500	(105,600)
Equity Transfer	4,500,000	—	—	4,200,000	4,200,000
<b>GRAND TOTAL</b>	<b>\$ 364,655,000</b>	<b>\$ 371,316,000</b>	<b>\$ 365,145,000</b>	<b>\$ 369,282,269</b>	<b>\$ 338,863,835</b>
<hr/>					
<b>TIF Surplus Distribution</b>	<b>\$ 19,000,000</b>	<b>\$ 19,000,000</b>	<b>\$ 19,000,000</b>	<b>\$ 10,609,409</b>	<b>\$ 10,711,878</b>
TIF Differential Fee	—	225,000	225,000	225,000	225,000
Land Sales	—	52,000	—	3,073,329	—
Claims & Damage Settlements	—	401,000	—	22,324	178,781
Scrap Sales	50,000	25,000	50,000	69,389	118,865
Sales of Automobiles	20,000	10,000	20,000	35,669	29,262
Interest on Taxes - Cook County Treasurer	—	30,000	—	52,114	34,321
Other	3,000,000	2,500,000	3,000,000	3,841,340	4,341,269
<b>Total</b>	<b>\$ 22,070,000</b>	<b>\$ 22,243,000</b>	<b>\$ 22,295,000</b>	<b>\$ 17,928,574</b>	<b>\$ 15,639,376</b>



**CAPITAL IMPROVEMENTS BOND FUND**  
**ESTIMATED BALANCE SHEET**  
**JANUARY 1, 2021 AND 2020**

	ASSETS			
	2021		2020	
	AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
<b>CURRENT ASSETS</b>				
Cash & Investments	\$ 252,025,085	\$ 252,025,085	\$ 251,316,000	\$ 251,316,000
<b>Total Current Assets</b>	<u>\$ 252,025,085</u>	<u>\$ 252,025,085</u>	<u>\$ 251,316,000</u>	<u>\$ 251,316,000</u>
<b>LIABILITIES &amp; FUND EQUITY</b>				
<b>CURRENT LIABILITIES</b>				
Unpaid Bills:				
Contractual Services	\$ 10,000,000	\$ 10,000,000	\$ —	\$ —
Contracts Payable	253,817,500	253,817,500	276,044,100	276,044,100
<b>Total Current Liabilities</b>	<u>\$ 263,817,500</u>	<u>\$ 263,817,500</u>	<u>\$ 276,044,100</u>	<u>\$ 276,044,100</u>
Designated for Future Claims Liabilities	168,400,000	168,400,000	157,700,000	157,700,000
<b>Total Liabilities</b>	<u>\$ 432,217,500</u>	<u>\$ 432,217,500</u>	<u>\$ 433,744,100</u>	<u>\$ 433,744,100</u>
<b>ASSETS APPROPRIABLE</b>				
Net Assets Appropriable		<u>\$ (180,192,415)</u>		<u>\$ (182,428,100)</u>
Net Assets Appropriated		<u>\$ (180,192,415)</u>		<u>\$ (182,428,100)</u>
Estimated Revenue		430,351,615		84,372,000
Equity Transfer		(4,500,000)		(9,000,000)
<b>Total Assets Appropriable</b>		<u>\$ 245,659,200</u>		<u>\$ (98,056,100)</u>
<b>FUND EQUITY</b>	<u>\$ (180,192,415)</u>		<u>\$ (182,428,100)</u>	
<b>Total Liabilities &amp; Fund Equity</b>	<u>\$ 252,025,085</u>		<u>\$ 251,316,000</u>	

101 11000 - 69000	Fund: Corporate Department: All	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$179,558,649	\$ 190,564,800	\$ 190,517,800	\$ 133,765,173	\$181,994,100	\$189,585,600	\$ 189,369,900
601060	Compensation Plan Adjustments	7,935,603	8,930,200	8,930,200	6,101,920	8,506,800	9,027,800	9,157,600
601070	Social Security and Medicare Contributions	2,656,935	2,900,500	2,900,500	2,036,378	2,620,400	2,936,500	2,936,500
601080	Salaries of Nonbudgeted Employees	102,315	5,300	52,300	14,979	55,500	107,000	107,000
601090	Employee Claims	72,411	94,100	94,100	63,646	94,100	83,300	83,300
601100	Tuition and Training Payments	803,654	1,388,700	1,290,000	325,487	862,000	1,198,000	1,198,000
601250	Health and Life Insurance Premiums	42,606,920	47,509,500	47,259,500	27,430,375	39,022,500	47,059,000	47,059,000
601270	General Salary Adjustments	—	—	—	—	—	1,200,000	1,200,000
601300	Personal Services, N.O.C. (Not Otherwise Classified)	557,233	977,000	977,000	140,981	200,600	977,000	977,000
100	TOTAL PERSONAL SERVICES	234,293,720	252,370,100	252,021,400	169,878,939	233,356,000	252,174,200	252,088,300
612010	Travel	65,184	107,100	105,000	5,494	36,500	95,300	95,300
612030	Meals and Lodging	166,602	223,400	214,500	30,319	91,600	192,200	192,200
612040	Postage, Freight, and Delivery Charges	119,438	119,800	120,800	68,755	109,100	123,100	123,100
612050	Compensation for Personally-Owned Automobiles	169,759	155,000	155,000	73,930	111,200	170,000	170,000
612080	Motor Vehicle Operating Services	67,641	65,400	65,400	53,437	49,700	71,000	71,000
612090	Reprographic Services	111,105	78,300	78,300	33,622	48,100	78,800	78,800
612150	Electrical Energy	39,075,929	38,686,900	38,686,900	23,058,222	38,268,400	37,764,000	37,764,000
612160	Natural Gas	2,742,168	3,416,200	3,416,200	1,310,451	3,352,900	3,500,600	3,500,600
612170	Water and Water Services	2,096,386	2,195,300	2,195,300	1,238,139	2,037,400	2,343,700	2,343,700
612210	Communication Services	1,616,456	1,531,800	1,630,000	1,558,158	1,520,000	1,850,300	1,853,300
612240	Testing and Inspection Services	111,192	440,500	440,500	417,213	314,300	1,244,500	1,244,500
612250	Court Reporting Services	79,508	106,000	106,000	85,336	83,700	91,000	91,000
612260	Medical Services	88,728	127,600	127,600	125,946	119,200	170,800	170,800
612280	Subscriptions and Membership Dues	894,334	993,300	950,300	622,961	803,600	998,300	998,300
612290	Insurance Premiums	3,572,542	3,463,400	3,463,400	1,552,474	3,688,400	3,870,800	3,870,800
612330	Rental Charges	601,427	357,600	358,100	305,172	328,000	325,600	325,600
612340	Discount Lost	2,331	3,000	3,000	2,026	3,000	3,000	3,000
612360	Advertising	96,824	145,000	143,200	104,655	120,500	143,000	143,000
612370	Administration Building Operation	1,212,850	1,316,200	1,317,200	1,315,506	1,293,000	1,369,900	1,369,900
612390	Administration Building McMillan Pavilion Operation	714,511	784,900	792,500	787,519	703,100	823,800	823,800
612400	Intergovernmental Agreements	49,547	49,600	49,600	49,547	49,600	99,100	99,100
612410	Governmental Service Charges	3,786,147	3,921,200	3,921,200	2,483,480	3,754,900	4,432,800	4,406,000

101 11000 - 69000	Fund: Corporate Department: All	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
612420	Maintenance of Grounds and Pavements	460,060	1,375,800	1,357,800	1,350,279	1,120,000	1,436,800	1,436,800
612430	Payments for Professional Services	2,338,856	8,449,800	8,283,400	6,887,137	4,022,600	5,764,700	5,769,700
612440	Preliminary Engineering Reports and Studies	—	—	—	—	—	20,000	20,000
612490	Contractual Services, N.O.C.	1,161,087	1,441,400	1,437,600	1,159,836	1,014,800	1,413,800	1,462,900
612520	Waste Material Disposal Charges	10,550,805	12,045,600	12,740,600	12,733,833	11,342,400	12,270,600	12,297,400
612530	Farming Services	18,200	60,000	40,000	40,000	40,000	90,000	90,000
612590	Sludge Disposal	3,388,793	4,100,000	4,100,000	4,100,000	3,878,100	4,500,000	4,500,000
612600	Repairs to Collection Facilities	3,343,900	3,847,800	3,448,900	3,374,850	2,316,100	4,097,400	4,097,400
612620	Repairs to Waterway Facilities	112,701	120,300	143,800	139,860	136,500	148,600	148,600
612650	Repairs to Process Facilities	5,986,662	9,700,300	9,024,200	8,410,292	4,677,800	12,064,100	12,064,100
612670	Repairs to Railroads	398,984	396,700	396,700	371,014	376,900	642,800	642,800
612680	Repairs to Buildings	883,028	1,845,500	1,811,900	1,369,552	1,416,400	1,464,300	1,464,300
612760	Repairs to Material Handling and Farming Equipment	274,418	310,200	760,200	725,641	690,000	725,500	754,300
612780	Safety Repairs and Services	413,468	446,100	446,100	441,052	433,900	539,000	539,000
612790	Repairs to Marine Equipment	69,739	100,100	100,100	99,676	91,800	31,500	31,500
612800	Repairs to Office Furniture and Equipment	66,958	67,400	67,400	64,481	59,500	79,800	79,800
612810	Computer Equipment Maintenance	163,741	318,500	318,500	243,997	197,700	375,000	375,000
612820	Computer Software Maintenance	4,005,412	4,290,800	4,422,300	3,746,743	4,206,200	5,259,600	5,259,600
612840	Communications Equipment Maintenance (Includes Software)	621,173	699,800	637,800	606,859	611,100	766,500	766,500
612860	Repairs to Vehicle Equipment	511,780	569,500	569,500	567,022	477,900	576,900	576,900
612970	Repairs to Testing and Laboratory Equipment	361,140	318,300	320,600	311,223	310,700	376,300	376,300
612990	Repairs, N.O.C.	12,633	36,300	37,500	24,812	29,900	28,000	28,000
200	TOTAL CONTRACTUAL SERVICES	92,584,147	108,827,700	108,804,900	82,050,521	94,336,500	112,432,800	112,518,700
623030	Metals	167,338	126,100	126,100	78,444	119,400	126,100	126,100
623070	Electrical Parts and Supplies	2,848,897	2,701,400	2,591,400	2,201,064	2,235,000	3,435,400	3,435,400
623090	Plumbing Accessories and Supplies	1,053,217	1,123,400	1,029,400	808,179	808,900	1,141,600	1,141,600
623110	Hardware	99,498	108,300	98,300	51,980	83,900	104,300	104,300
623130	Buildings, Grounds, Paving Materials, and Supplies	316,407	425,900	335,900	210,061	297,700	424,900	424,900
623170	Fiber, Paper, and Insulation Materials	61,829	76,300	66,300	32,549	58,900	76,300	76,300
623190	Paints, Solvents, and Related Materials	53,581	56,900	69,400	36,906	43,800	56,900	56,900

101 11000 - 69000	Fund: Corporate Department: All	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623250	Vehicle Parts and Supplies	183,768	180,300	180,300	177,851	167,900	212,300	212,300
623270	Mechanical Repair Parts	3,412,312	4,099,800	4,164,800	3,868,580	3,746,000	4,972,700	4,972,700
623300	Manhole Materials	18,608	5,000	5,000	3,990	4,500	70,000	70,000
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	291,075	376,700	375,100	283,460	288,600	351,300	351,300
623530	Farming Supplies	14,406	19,000	19,000	13,900	17,000	16,000	16,000
623560	Processing Chemicals	9,935,750	10,967,300	10,942,300	9,545,870	9,427,000	11,604,500	11,604,500
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	1,038,736	1,022,000	1,072,000	905,384	1,019,000	1,145,100	1,145,100
623660	Cleaning Supplies	287,631	269,500	644,500	551,602	644,200	643,300	643,300
623680	Tools and Supplies	360,118	333,900	333,900	289,125	289,900	356,800	356,800
623700	Wearing Apparel	220,236	225,500	355,500	285,018	340,700	353,100	353,100
623720	Books, Maps, and Charts	16,638	20,400	22,500	17,537	16,200	21,400	21,400
623780	Safety and Medical Supplies	260,047	364,600	354,600	272,033	333,600	381,700	381,700
623800	Computer Software	83,926	477,000	477,000	332,746	358,800	310,900	310,900
623810	Computer Supplies	661,892	896,700	1,231,700	1,168,306	800,600	896,900	896,900
623820	Fuel	505,313	685,100	600,100	466,076	493,200	618,800	618,800
623840	Gases	86,824	84,700	84,700	83,363	78,500	84,700	84,700
623850	Communications Supplies	178,776	324,200	367,200	290,312	311,200	87,200	87,200
623860	Lubricants	233,038	208,600	214,700	157,904	162,100	216,600	216,600
623990	Materials and Supplies, N.O.C.	202,943	278,300	296,700	221,021	268,300	289,400	289,400
300	TOTAL MATERIALS AND SUPPLIES	22,592,803	25,456,900	26,058,400	22,353,261	22,414,900	27,998,200	27,998,200
634600	Equipment for Collection Facilities	50,476	40,000	1,000	—	—	90,000	90,000
634650	Equipment for Process Facilities	271,846	274,000	224,400	216,471	214,600	484,400	484,400
634670	Railroad Equipment	20,779	—	—	—	—	25,000	25,000
634760	Material Handling and Farming Equipment	373,612	44,500	60,500	60,216	44,300	333,000	333,000
634780	Safety and Medical Equipment	—	—	150,000	12,166	20,000	6,000	6,000
634790	Marine Equipment	78,500	—	—	—	—	—	—
634810	Computer Equipment	145,166	115,500	139,500	137,920	199,500	205,000	205,000
634820	Computer Software	—	8,227,000	8,070,400	7,894,688	192,000	950,000	950,000
634840	Communications Equipment (Includes Software)	—	24,000	—	—	—	—	—
634860	Vehicle Equipment	1,485,845	1,562,600	1,625,700	1,575,706	1,737,600	1,470,200	1,470,200
634970	Testing and Laboratory Equipment	438,506	91,000	117,600	116,343	102,600	279,700	279,700

101 11000 - 69000	Fund: Corporate Department: All	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
634990	Machinery and Equipment, N.O.C.	44,217	337,500	97,000	92,796	81,900	440,000	440,000
400	TOTAL MACHINERY AND EQUIPMENT	2,908,947	10,716,100	10,486,100	10,106,306	2,592,500	4,283,300	4,283,300
645680	Buildings	—	75,000	75,000	64,510	74,000	—	—
500	TOTAL CAPITAL PROJECTS	—	75,000	75,000	64,510	74,000	—	—
667130	Taxes on Real Estate	682,846	755,000	755,000	683,599	724,000	830,500	830,500
700	TOTAL FIXED AND OTHER CHARGES	682,846	755,000	755,000	683,599	724,000	830,500	830,500
TOTAL CORPORATE FUND		\$353,062,463	\$ 398,200,800	\$ 398,200,800	\$ 285,137,136	\$353,497,900	\$397,719,000	\$ 397,719,000
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.								



101 11000	Fund: Corporate Department: Board of Commissioners	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 3,490,254	\$ 3,630,900	\$ 3,630,900	\$ 2,587,724	\$ 3,560,000	\$ 3,626,900	\$ 3,626,900
601060	Compensation Plan Adjustments	6,581	45,900	45,900	36,224	45,900	42,200	42,200
601070	Social Security and Medicare Contributions	76,065	88,000	88,000	48,860	64,900	88,000	88,000
601100	Tuition and Training Payments	16,085	32,900	32,900	2,589	18,000	20,700	20,700
601300	Personal Services, N.O.C. (Not Otherwise Classified)	347,868	517,000	517,000	140,390	200,000	517,000	517,000
100	TOTAL PERSONAL SERVICES	3,936,853	4,314,700	4,314,700	2,815,787	3,888,800	4,294,800	4,294,800
612010	Travel	7,121	26,000	26,000	61	17,400	17,000	17,000
612030	Meals and Lodging	13,547	32,500	32,500	—	24,500	20,500	20,500
612280	Subscriptions and Membership Dues	26,325	27,700	27,700	27,700	27,700	29,700	29,700
612430	Payments for Professional Services	405,750	867,100	867,100	839,007	780,000	824,100	824,100
612490	Contractual Services, N.O.C.	563	800	800	674	800	700	700
200	TOTAL CONTRACTUAL SERVICES	453,306	954,100	954,100	867,442	850,400	892,000	892,000
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	6,008	25,500	25,500	4,992	25,000	25,500	25,500
300	TOTAL MATERIALS AND SUPPLIES	6,008	25,500	25,500	4,992	25,000	25,500	25,500
TOTAL BOARD OF COMMISSIONERS		\$ 4,396,167	\$ 5,294,300	\$ 5,294,300	\$ 3,688,221	\$ 4,764,200	\$ 5,212,300	\$ 5,212,300

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.

101 15000	Fund: Corporate Department: General Administration	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 10,616,664	\$ 11,411,600	\$ 11,411,600	\$ 7,816,821	\$ 10,658,300	\$ 11,425,500	\$ 11,425,500
601060	Compensation Plan Adjustments	745,506	782,100	782,100	622,610	872,200	834,900	834,900
601070	Social Security and Medicare Contributions	158,622	165,000	165,000	122,619	158,400	171,200	171,200
601100	Tuition and Training Payments	19,647	44,500	44,500	7,909	20,300	50,500	50,500
601270	General Salary Adjustments	—	—	—	—	—	1,200,000	1,200,000
100	TOTAL PERSONAL SERVICES	11,540,439	12,403,200	12,403,200	8,569,959	11,709,200	13,682,100	13,682,100
612010	Travel	6,661	9,000	9,000	629	1,000	9,000	9,000
612030	Meals and Lodging	12,292	18,100	18,100	1,589	3,800	18,100	18,100
612040	Postage, Freight, and Delivery Charges	109,757	109,700	109,700	59,572	99,100	110,800	110,800
612050	Compensation for Personally- Owned Automobiles	4,002	4,100	4,100	649	700	4,300	4,300
612080	Motor Vehicle Operating Services	66,393	63,100	63,100	53,286	48,900	68,500	68,500
612090	Reprographic Services	104,971	55,300	55,300	16,893	34,600	55,800	55,800
612150	Electrical Energy	311,856	325,200	325,200	172,768	313,600	340,300	340,300
612160	Natural Gas	22,137	24,900	24,900	14,392	24,500	24,000	24,000
612170	Water and Water Services	6,242	6,500	6,500	3,519	6,300	6,700	6,700
612210	Communication Services	3,000	—	—	—	—	—	3,000
612280	Subscriptions and Membership Dues	868,009	965,600	922,600	595,261	775,900	968,600	968,600
612330	Rental Charges	46,610	71,000	71,000	69,753	70,000	72,100	72,100
612360	Advertising	6,461	15,000	15,000	—	13,000	15,000	15,000
612370	Administration Building Operation	1,212,850	1,316,200	1,317,200	1,315,506	1,293,000	1,369,900	1,369,900
612390	Administration Building McMillan Pavilion Operation	714,511	784,900	792,500	787,519	703,100	823,800	823,800
612430	Payments for Professional Services	252,416	3,024,000	2,990,500	2,938,095	298,600	695,800	695,800
612490	Contractual Services, N.O.C.	279,541	337,000	337,000	251,317	186,100	342,100	339,100
612680	Repairs to Buildings	26,373	452,000	443,400	395,085	462,600	121,500	121,500
612800	Repairs to Office Furniture and Equipment	65,451	60,800	60,800	57,881	53,500	64,200	64,200
612820	Computer Software Maintenance	—	—	—	—	—	150,000	150,000
612840	Communications Equipment Maintenance (Includes Software)	22,495	22,800	22,800	22,784	21,900	22,800	22,800
612860	Repairs to Vehicle Equipment	354,910	417,000	417,000	414,572	334,800	421,000	421,000
200	TOTAL CONTRACTUAL SERVICES	4,496,938	8,082,200	8,005,700	7,171,070	4,745,000	5,704,300	5,704,300
623070	Electrical Parts and Supplies	6,854	8,600	8,600	7,600	7,400	8,600	8,600

101 15000	Fund: Corporate Department: General Administration	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623090	Plumbing Accessories and Supplies	6,984	8,500	37,000	29,724	34,700	8,500	8,500
623110	Hardware	14,807	16,000	16,000	14,500	14,500	16,000	16,000
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	112,356	155,100	155,100	136,480	106,900	118,000	118,000
623660	Cleaning Supplies	859	1,300	6,300	4,200	6,200	1,300	1,300
623700	Wearing Apparel	35,355	37,500	37,500	36,568	28,500	38,900	38,900
623720	Books, Maps, and Charts	354	1,000	1,000	112	900	1,000	1,000
623810	Computer Supplies	—	—	—	—	—	71,200	71,200
623850	Communications Supplies	21,861	150,000	193,000	191,434	193,000	—	—
623990	Materials and Supplies, N.O.C.	28,036	47,200	47,200	36,299	37,000	51,000	51,000
300	TOTAL MATERIALS AND SUPPLIES	227,467	425,200	501,700	456,917	429,100	314,500	314,500
634820	Computer Software	—	7,500,000	7,500,000	7,500,000	—	—	—
634860	Vehicle Equipment	613,432	1,051,600	1,051,600	1,051,600	1,200,600	902,200	902,200
634990	Machinery and Equipment, N.O.C.	—	250,000	—	—	—	350,000	350,000
400	TOTAL MACHINERY AND EQUIPMENT	613,432	8,801,600	8,551,600	8,551,600	1,200,600	1,252,200	1,252,200
TOTAL GENERAL ADMINISTRATION		\$ 16,878,276	\$ 29,712,200	\$ 29,462,200	\$ 24,749,546	\$ 18,083,900	\$ 20,953,100	\$ 20,953,100
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.								

101 16000	Fund: Corporate Department: Monitoring & Research	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 26,966,334	\$ 28,436,300	\$ 28,436,300	\$ 19,919,063	\$ 27,260,500	\$ 28,297,400	\$ 28,227,300
601060	Compensation Plan Adjustments	478,809	789,000	789,000	662,686	713,400	776,400	789,400
601070	Social Security and Medicare Contributions	382,954	425,900	425,900	297,157	390,300	423,800	423,800
601080	Salaries of Nonbudgeted Employees	55,082	—	—	—	—	—	—
601100	Tuition and Training Payments	77,160	27,800	27,800	4,159	14,600	82,500	82,500
100	TOTAL PERSONAL SERVICES	27,960,340	29,679,000	29,679,000	20,883,065	28,378,800	29,580,100	29,523,000
612010	Travel	19,611	10,000	10,000	250	6,100	16,800	16,800
612030	Meals and Lodging	36,534	21,500	21,500	536	10,500	37,600	37,600
612040	Postage, Freight, and Delivery Charges	5,639	5,700	5,700	5,627	5,700	7,900	7,900
612050	Compensation for Personally-Owned Automobiles	25,263	17,700	17,700	13,969	16,900	27,300	27,300
612080	Motor Vehicle Operating Services	268	300	300	36	100	300	300
612330	Rental Charges	—	1,100	1,100	—	—	300	300
612400	Intergovernmental Agreements	49,547	49,600	49,600	49,547	49,600	99,100	99,100
612410	Governmental Service Charges	17,000	17,000	17,000	13,600	17,000	17,000	17,000
612430	Payments for Professional Services	62,243	354,100	354,100	186,353	269,600	500,200	505,200
612440	Preliminary Engineering Reports and Studies	—	—	—	—	—	20,000	20,000
612490	Contractual Services, N.O.C.	165,235	242,900	239,100	189,490	154,900	217,900	270,000
612790	Repairs to Marine Equipment	33,871	33,600	33,600	33,176	33,200	31,500	31,500
612820	Computer Software Maintenance	27,825	9,000	10,500	10,250	10,300	25,700	25,700
612970	Repairs to Testing and Laboratory Equipment	358,914	312,800	315,100	308,907	307,500	368,800	368,800
200	TOTAL CONTRACTUAL SERVICES	801,950	1,075,300	1,075,300	811,741	881,400	1,370,400	1,427,500
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	30,773	19,100	19,100	15,074	18,000	25,100	25,100
623530	Farming Supplies	11,440	15,000	15,000	13,900	13,900	12,000	12,000
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	347,795	323,100	323,100	297,036	289,000	396,000	396,000
623700	Wearing Apparel	11,990	16,300	16,300	16,000	16,300	15,000	15,000
623720	Books, Maps, and Charts	425	400	900	304	400	400	400
623800	Computer Software	18,320	—	—	—	—	—	—
623820	Fuel	12,129	18,000	18,000	15,325	15,400	15,000	15,000

101 16000	Fund: Corporate Department: Monitoring & Research	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623990	Materials and Supplies, N.O.C.	32,597	89,900	89,400	64,274	86,200	80,500	80,500
300	TOTAL MATERIALS AND SUPPLIES	465,469	481,800	481,800	421,913	439,200	544,000	544,000
634820	Computer Software	—	500,000	473,400	302,800	100,000	950,000	950,000
634970	Testing and Laboratory Equipment	438,506	91,000	117,600	116,343	102,600	279,700	279,700
400	TOTAL MACHINERY AND EQUIPMENT	438,506	591,000	591,000	419,143	202,600	1,229,700	1,229,700
TOTAL MONITORING & RESEARCH		\$ 29,666,265	\$ 31,827,100	\$ 31,827,100	\$ 22,535,862	\$ 29,902,000	\$ 32,724,200	\$ 32,724,200
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				
		2019	2020		2021	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee on Budget / Employment	
<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		1	
HP12	Secretary #2 (Administrative Specialist) (New Grade HP11)	1	1		1	
TOTAL 111	Executive Section	3	3	467,097	3	471,174
<b>112</b>	<b>Budget &amp; Administrative Section</b>					
HP22	Assistant 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	6	6	777,563	5	507,656
TOTAL 110	Executive Division	9	9	1,244,660	8	978,830
<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	
HP20	Managing Civil Engineer	1	—		—	
HP18	Biostatistician	1	1		1	
HP18	Principal Environmental Scientist	1	—		—	
HP15	Associate Civil Engineer	1	1		1	
HP13	Senior Administrative Specialist	2	2		2	
HP11	Administrative Specialist	4	3		3	
TOTAL 121	Environmental Monitoring & Research Administrative Section	12	9	1,121,684	9	1,135,078
<b>122</b>	<b>Wastewater Treatment Operations Support Section (formerly Wastewater Treatment Process Research Section)</b>					
HP18	Principal Environmental Scientist	1	—		—	
HP17	Senior Environmental Research Scientist	3	2		2	

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2019	2020		2021	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
HP15	Environmental Research Scientist	3	1		1	
HP13	Senior Environmental Research Technician	1	—		—	
HP11	Environmental Research Technician	7	—		—	
TOTAL 122	Wastewater Treatment Operations Support Section (formerly Wastewater Treatment Process Research Section)	15	3	387,939	3	358,110
<b>123</b>	<b>Biosolids Section (formerly Biosolids Utilization &amp; Soil Science Section)</b>					
HP18	Principal Environmental Scientist	1	1		1	
HP17	Senior Environmental Soil Scientist	2	2		2	
HP15	Environmental Soil Scientist	3	2		2	
HP15	Environmental Chemist	1	—		—	
HP15	Environmental Chemist #2 (Senior Environmental Research Technician) (New Grade HP 13)	—	1		1	
HP11	Environmental Research Technician	5	6		6	
HP09	Laboratory Assistant	1	1		1	
NR3642	Pollution Control Technician II	—	—		2	
TOTAL 123	Biosolids Section (formerly Biosolids Utilization & Soil Science Section)	13	13	1,090,926	15	1,239,758
<b>124</b>	<b>Microbiology Section (formerly Analytical Microbiology &amp; Biomonitoring 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	1		1	
HP15	Environmental Microbiologist	1	1		1	
HP13	Senior Laboratory Technician	1	1		1	
HP11	Laboratory Technician II	8	7		7	
HP09	Laboratory Assistant	2	2		2	
TOTAL 124	Microbiology Section (formerly Analytical Microbiology & Biomonitoring Section)	15	14	1,161,349	14	1,186,078
<b>126</b>	<b>Aquatic Ecology Section (formerly Aquatic Ecology &amp; Water Quality Section)</b>					
HP18	Principal Environmental Scientist	1	1		1	

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2019	2020		2021	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
HP17	Senior Aquatic Biologist	1	1		1	
HP16	Associate Aquatic Biologist #2 (Aquatic Biologist) (New Grade HP15)	2	2		2	
HP15	Aquatic Biologist	1	1		1	
HP13	Senior Environmental Research Technician	1	1		1	
HP11	Environmental Research Technician	5	4		4	
NR6441	Patrol Boat Operator	2	2		2	
NR3642	Pollution Control Technician II	2	2		—	
NR3641	Pollution Control Technician I	4	4		4	
TOTAL 126	Aquatic Ecology Section (formerly Aquatic Ecology & Water Quality Section)	19	18	1,525,443	16	1,385,413
<b>129</b>	<b>Wastewater Capital Planning, Research, and Technology Evaluation Section (formerly Process Facilities Capital Planning Section)</b>					
HP20	Managing Civil Engineer	—	1		1	
HP18	Principal Civil Engineer	1	1		1	
HP18	Principal Environmental Scientist	—	2		2	
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	2	3		3	
HP13	Senior Environmental Research Technician	—	2		2	
HP11	Environmental Research Technician	—	6		6	
HP11	Environmental Research Technician #1	—	1		—	
TOTAL 129	Wastewater Capital Planning, Research, and Technology Evaluation Section (formerly Process Facilities Capital Planning Section)	11	25	2,662,196	24	2,662,086
TOTAL 120	Environmental Monitoring & Research Division	85	82	7,949,536	81	7,966,524
<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	

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2019	2020		2021	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
HP18	Supervising Environmental Chemist	1	1		1	
HP17	Senior Environmental Chemist	1	1		1	
HP15	Environmental Chemist	2	2		3	
HP13	Senior Administrative Specialist	2	2		2	
TOTAL 161	Analytical Laboratories Administrative Section	7	7	813,415	8	893,064
<b>162</b>	<b>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	3		3	
HP11	Administrative Specialist	1	1		1	
HP11	Laboratory Technician II	10	11		11	
HP10	Laboratory Technician I #1	2	1		1	
HP09	Laboratory Assistant	2	2		2	
TOTAL 162	Stickney Analytical Laboratory Section	25	25	2,122,103	25	2,156,415
<b>164</b>	<b>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 II	10	10		10	
HP09	Laboratory Assistant	2	2		2	
TOTAL 164	Industrial Waste Analytical Laboratory Section	22	22	1,918,998	22	1,929,516
<b>165</b>	<b>Organic Compounds Analytical Laboratory Section</b>					
HP18	Supervising Instrumentation Chemist	1	1		1	
HP17	Senior Instrumentation Chemist	2	2		2	
HP16	Instrumentation Chemist II #2 (Environmental Chemist) (New Grade HP15)	—	2		1	
HP16	Instrumentation Chemist II #2 (Instrumentation Chemist) (New Grade HP15)	2	—		—	

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2019	2020		2021	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
HP15	Environmental Chemist	—	2		2	
HP15	Instrumentation Chemist	2	—		—	
HP13	Senior Laboratory Technician	1	1		1	
HP11	Laboratory Technician II	3	3		3	
TOTAL 165	Organic Compounds Analytical Laboratory Section	11	11	1,225,160	10	1,100,062
<b>166</b>	<b>Egan 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	
HP12	Administrative Assistant #2 (Administrative Specialist) (New Grade HP11)	1	1		1	
HP11	Laboratory Technician II	7	7		8	
HP11	Laboratory Technician II #4	1	1		—	
HP09	Laboratory Assistant	2	2		2	
TOTAL 166	Egan Analytical Laboratory Section	19	19	1,593,558	19	1,555,737
<b>167</b>	<b>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	
HP12	Administrative Assistant #2 (Administrative Specialist) (New Grade HP11)	1	1		1	
HP11	Laboratory Technician II	8	8		8	
HP09	Laboratory Assistant	2	2		2	
TOTAL 167	Calumet Analytical Laboratory Section	19	19	1,660,296	19	1,715,360
TOTAL 160	Analytical Laboratories Division	103	103	9,333,532	103	9,350,154
<b>190</b>	<b>Industrial Waste Division</b>					
<b>191</b>	<b>Industrial Waste Administrative Section</b>					
HP22	Assistant Director of Monitoring & Research	1	1		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 191	Industrial Waste Administrative Section	2	2	246,291	2	256,144



Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2019	2020		2021	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
					Recommended By Committee on Budget / Employment	
<b>192</b>	<b>Technical Services Section</b>					
HP18	Supervising Environmental Specialist	—	1		1	
HP17	Senior Environmental Specialist	1	1		2	
HP15	Environmental Specialist	2	5		3	
HP11	Administrative Specialist	—	1		1	
NR3642	Pollution Control Technician II	—	2		1	
TOTAL 192	Technical Services Section	3	10	1,036,593	8	835,560
<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	7	7		7	
HP15	Associate Mechanical Engineer #2 (Associate Civil Engineer)	1	1		1	
HP15	Environmental Specialist	16	16		16	
HP11	Administrative Specialist	3	2		2	
HP09	Administrative Clerk	2	2		2	
TOTAL 193	Pretreatment & Cost Recovery Section	35	34	3,724,042	34	3,770,380
<b>194</b>	<b>Field Services Section</b>					
HP18	Supervising Environmental Specialist	1	2		2	
HP17	Senior Environmental Specialist	5	4		4	
HP15	Environmental Specialist	29	26		26	
HP13	Senior Administrative Specialist	1	1		1	
HP11	Administrative Specialist	1	1		1	
NR3642	Pollution Control Technician II	2	—		1	
NR3641	Pollution Control Technician I	21	20		20	
TOTAL 194	Field Services Section	60	54	5,110,017	55	5,212,319
TOTAL 190	Industrial Waste Division	100	100	10,116,943	99	10,074,404
TOTAL	Monitoring & Research	297	294	28,644,671	291	28,369,911

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.

101 20000	Fund: Corporate Department: Procurement & Materials Management	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 5,418,817	\$ 5,859,600	\$ 5,859,600	\$ 3,910,047	\$ 5,283,400	\$ 5,809,300	\$ 5,809,300
601060	Compensation Plan Adjustments	29,324	84,900	84,900	21,933	80,300	170,800	170,800
601070	Social Security and Medicare Contributions	75,965	86,100	86,100	57,008	74,800	87,900	87,900
601100	Tuition and Training Payments	645	1,000	2,300	2,205	2,300	13,800	13,800
100	TOTAL PERSONAL SERVICES	5,524,751	6,031,600	6,032,900	3,991,193	5,440,800	6,081,800	6,081,800
612010	Travel	—	600	—	—	—	700	700
612030	Meals and Lodging	358	700	—	—	—	1,000	1,000
612050	Compensation for Personally-Owned Automobiles	733	1,200	1,200	144	500	1,200	1,200
612360	Advertising	89,909	123,000	121,200	104,655	100,500	125,000	125,000
612430	Payments for Professional Services	—	—	1,800	—	—	—	—
612490	Contractual Services, N.O.C.	—	—	—	—	—	700	700
612680	Repairs to Buildings	113,599	101,800	101,800	6,210	110,000	9,000	9,000
612800	Repairs to Office Furniture and Equipment	1,507	1,600	1,600	1,600	1,000	2,000	2,000
612820	Computer Software Maintenance	27,500	20,000	150,000	54,449	50,000	345,500	345,500
612840	Communications Equipment Maintenance (Includes Software)	—	2,500	2,500	1,000	700	500	500
612860	Repairs to Vehicle Equipment	4,410	8,900	8,900	8,850	7,500	8,900	8,900
200	TOTAL CONTRACTUAL SERVICES	238,016	260,300	389,000	176,908	270,200	494,500	494,500
623030	Metals	134,961	95,600	95,600	53,115	93,500	95,600	95,600
623070	Electrical Parts and Supplies	295,425	280,300	250,300	153,028	173,000	280,300	280,300
623090	Plumbing Accessories and Supplies	350,760	345,800	305,800	232,572	225,000	345,800	345,800
623110	Hardware	79,305	81,400	71,400	31,243	63,100	81,400	81,400
623130	Buildings, Grounds, Paving Materials, and Supplies	190,233	278,100	188,100	83,879	175,700	258,100	258,100
623170	Fiber, Paper, and Insulation Materials	56,493	62,800	52,800	27,249	45,900	62,800	62,800
623190	Paints, Solvents, and Related Materials	49,080	50,500	40,500	10,790	38,000	50,500	50,500
623250	Vehicle Parts and Supplies	13,281	12,300	12,300	12,247	11,500	12,300	12,300
623270	Mechanical Repair Parts	200,034	225,300	150,300	86,453	146,000	225,300	225,300
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	14,140	13,400	13,400	10,195	13,000	14,300	14,300
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	664,644	668,000	718,000	580,598	700,000	713,000	713,000
623660	Cleaning Supplies	285,041	266,000	636,000	545,610	636,000	636,000	636,000

101 20000	Fund: Corporate Department: Procurement & Materials Management	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623680	Tools and Supplies	108,178	100,500	100,500	64,697	96,500	100,500	100,500
623700	Wearing Apparel	172,646	165,100	295,100	230,500	290,000	295,100	295,100
623780	Safety and Medical Supplies	77,822	72,800	62,800	36,096	57,800	72,800	72,800
623810	Computer Supplies	59,901	57,200	67,200	55,181	55,500	67,200	67,200
623820	Fuel	204,059	339,200	229,200	98,495	166,300	288,200	288,200
623840	Gases	86,678	84,100	84,100	82,763	78,200	84,100	84,100
623850	Communications Supplies	10,391	7,200	7,200	6,653	7,000	7,200	7,200
623860	Lubricants	223,967	200,400	200,400	148,822	151,400	200,400	200,400
623990	Materials and Supplies, N.O.C.	50,729	42,000	67,000	58,149	65,000	42,000	42,000
300	TOTAL MATERIALS AND SUPPLIES	3,327,768	3,448,000	3,648,000	2,608,335	3,288,400	3,932,900	3,932,900
634760	Material Handling and Farming Equipment	80,622	—	—	—	—	—	—
634820	Computer Software	—	130,000	—	—	—	—	—
400	TOTAL MACHINERY AND EQUIPMENT	80,622	130,000	—	—	—	—	—
645680	Buildings	—	75,000	75,000	64,510	74,000	—	—
500	TOTAL CAPITAL PROJECTS	—	75,000	75,000	64,510	74,000	—	—
TOTAL PROCUREMENT & MATERIALS MANAGEMENT		\$ 9,171,157	\$ 9,944,900	\$ 10,144,900	\$ 6,840,946	\$ 9,073,400	\$ 10,509,200	\$ 10,509,200
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.								

101 25000	Fund: Corporate Department: Human Resources	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 5,766,454	\$ 6,836,100	\$ 6,836,100	\$ 4,449,536	\$ 5,979,100	\$ 6,808,600	\$ 6,808,600
601060	Compensation Plan Adjustments	199,435	260,000	260,000	8,800	224,300	413,500	413,500
601070	Social Security and Medicare Contributions	100,283	143,300	143,300	65,639	84,000	141,300	141,300
601090	Employee Claims	72,411	94,100	94,100	63,646	94,100	83,300	83,300
601100	Tuition and Training Payments	454,474	879,400	779,400	248,712	705,100	658,300	658,300
601250	Health and Life Insurance Premiums	42,606,920	47,509,500	47,259,500	27,430,375	39,022,500	47,059,000	47,059,000
601300	Personal Services, N.O.C. (Not Otherwise Classified)	209,365	460,000	460,000	592	600	460,000	460,000
100	TOTAL PERSONAL SERVICES	49,409,342	56,182,400	55,832,400	32,267,300	46,109,700	55,624,000	55,624,000
612010	Travel	4,686	6,400	6,400	380	700	1,400	1,400
612030	Meals and Lodging	9,531	15,700	15,700	1,048	1,100	7,800	7,800
612050	Compensation for Personally- Owned Automobiles	586	1,100	1,100	43	900	1,300	1,300
612080	Motor Vehicle Operating Services	49	100	100	—	100	100	100
612250	Court Reporting Services	13,057	16,000	16,000	10,000	16,000	16,000	16,000
612260	Medical Services	88,728	127,600	127,600	125,946	119,200	170,800	170,800
612290	Insurance Premiums	3,572,542	3,463,400	3,463,400	1,552,474	3,688,400	3,870,800	3,870,800
612330	Rental Charges	16,975	13,500	13,500	3,090	13,500	18,500	18,500
612360	Advertising	454	7,000	7,000	—	7,000	3,000	3,000
612430	Payments for Professional Services	747,355	1,097,500	1,097,500	452,391	716,800	797,100	797,100
612490	Contractual Services, N.O.C.	50,332	83,500	83,500	19,966	38,600	79,400	79,400
612780	Safety Repairs and Services	147,000	109,500	109,500	107,390	109,400	151,500	151,500
612820	Computer Software Maintenance	—	30,000	30,000	—	30,000	60,000	60,000
200	TOTAL CONTRACTUAL SERVICES	4,651,295	4,971,300	4,971,300	2,272,728	4,741,700	5,177,700	5,177,700
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	27,563	44,500	44,500	22,294	30,800	43,800	43,800
623720	Books, Maps, and Charts	232	500	500	98	500	1,000	1,000
623780	Safety and Medical Supplies	146,663	241,100	241,100	195,361	236,100	238,700	238,700
623990	Materials and Supplies, N.O.C.	5,159	7,000	7,000	1,404	7,000	8,500	8,500
300	TOTAL MATERIALS AND SUPPLIES	179,617	293,100	293,100	219,157	274,400	292,000	292,000

101 25000	Fund: Corporate Department: Human Resources	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
634780	Safety and Medical Equipment	—	—	150,000	12,166	20,000	6,000	6,000
400	TOTAL MACHINERY AND EQUIPMENT	—	—	150,000	12,166	20,000	6,000	6,000
TOTAL HUMAN RESOURCES		\$ 54,240,254	\$ 61,446,800	\$ 61,246,800	\$ 34,771,351	\$ 51,145,800	\$ 61,099,700	\$ 61,099,700
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.								

101 27000	Fund: Corporate Department: Information Technology	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 7,665,101	\$ 8,452,500	\$ 8,452,500	\$ 5,574,439	\$ 7,576,600	\$ 8,522,300	\$ 8,522,300
601060	Compensation Plan Adjustments	164,058	273,100	273,100	67,777	174,800	268,700	268,700
601070	Social Security and Medicare Contributions	106,889	122,700	122,700	80,135	104,300	124,900	124,900
601100	Tuition and Training Payments	12,687	48,500	48,500	11,662	16,200	37,000	37,000
100	TOTAL PERSONAL SERVICES	7,948,735	8,896,800	8,896,800	5,734,013	7,871,900	8,952,900	8,952,900
612010	Travel	2,468	2,000	2,000	1,317	2,200	2,000	2,000
612030	Meals and Lodging	4,382	5,000	5,000	2,095	3,000	5,000	5,000
612040	Postage, Freight, and Delivery Charges	1,885	1,500	1,500	1,000	1,500	1,500	1,500
612050	Compensation for Personally- Owned Automobiles	1,285	1,500	1,500	830	1,000	1,500	1,500
612210	Communication Services	1,613,456	1,528,800	1,627,000	1,558,158	1,520,000	1,850,300	1,850,300
612330	Rental Charges	391,113	100,000	100,000	90,200	90,200	91,000	91,000
612430	Payments for Professional Services	268,254	1,134,100	1,022,900	798,922	612,700	1,024,300	1,024,300
612490	Contractual Services, N.O.C.	5,965	10,000	10,000	2,554	5,000	10,000	10,000
612810	Computer Equipment Maintenance	163,741	318,500	318,500	243,997	197,700	375,000	375,000
612820	Computer Software Maintenance	3,941,731	4,222,800	4,222,800	3,673,270	4,107,300	4,669,400	4,669,400
612840	Communications Equipment Maintenance (Includes Software)	598,678	674,500	612,500	583,075	588,500	743,200	743,200
200	TOTAL CONTRACTUAL SERVICES	6,992,958	7,998,700	7,923,700	6,955,418	7,129,100	8,773,200	8,773,200
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	8,857	15,500	15,500	15,500	10,500	15,500	15,500
623800	Computer Software	33,840	390,000	390,000	268,950	277,900	241,600	241,600
623810	Computer Supplies	534,137	802,900	1,127,900	1,081,157	716,600	734,000	734,000
623850	Communications Supplies	131,741	152,000	152,000	79,299	98,600	65,000	65,000
300	TOTAL MATERIALS AND SUPPLIES	708,575	1,360,400	1,685,400	1,444,906	1,103,600	1,056,100	1,056,100
634810	Computer Equipment	7,100	115,500	139,500	137,920	199,500	205,000	205,000
634820	Computer Software	—	97,000	97,000	91,888	92,000	—	—
634840	Communications Equipment (Includes Software)	—	24,000	—	—	—	—	—
400	TOTAL MACHINERY AND EQUIPMENT	7,100	236,500	236,500	229,808	291,500	205,000	205,000
TOTAL INFORMATION TECHNOLOGY		\$ 15,657,368	\$ 18,492,400	\$ 18,742,400	\$ 14,364,145	\$ 16,396,100	\$ 18,987,200	\$ 18,987,200

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.

101 30000	Fund: Corporate Department: Law	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 4,840,864	\$ 5,274,300	\$ 5,274,300	\$ 3,604,013	\$ 4,900,600	\$ 5,510,000	\$ 5,510,000
601060	Compensation Plan Adjustments	238,054	189,100	189,100	7,329	101,000	155,600	155,600
601070	Social Security and Medicare Contributions	71,076	81,900	81,900	52,741	68,400	79,600	79,600
601100	Tuition and Training Payments	13,565	16,800	16,800	4,658	16,500	15,000	15,000
100	TOTAL PERSONAL SERVICES	5,163,560	5,562,100	5,562,100	3,668,741	5,086,500	5,760,200	5,760,200
612010	Travel	2,572	6,400	5,400	251	3,000	5,400	5,400
612030	Meals and Lodging	8,599	15,800	15,800	663	10,000	13,800	13,800
612040	Postage, Freight, and Delivery Charges	674	700	1,700	800	600	900	900
612050	Compensation for Personally-Owned Automobiles	2,656	5,100	5,100	481	3,000	5,100	5,100
612090	Reprographic Services	519	17,000	17,000	10,869	7,500	17,000	17,000
612250	Court Reporting Services	17,373	40,000	40,000	26,845	17,700	25,000	25,000
612410	Governmental Service Charges	—	—	—	—	—	500	500
612430	Payments for Professional Services	146,479	744,300	744,300	605,802	268,500	1,088,000	1,088,000
612490	Contractual Services, N.O.C.	93,716	108,600	108,600	93,748	98,000	108,600	108,600
612520	Waste Material Disposal Charges	—	—	—	—	—	70,000	70,000
612780	Safety Repairs and Services	—	—	—	—	—	8,000	8,000
200	TOTAL CONTRACTUAL SERVICES	272,587	937,900	937,900	739,459	408,300	1,342,300	1,342,300
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	4,632	6,000	4,400	3,468	5,000	6,000	6,000
623720	Books, Maps, and Charts	9,944	13,000	14,600	14,136	11,000	13,000	13,000
623990	Materials and Supplies, N.O.C.	—	200	200	—	—	200	200
300	TOTAL MATERIALS AND SUPPLIES	14,576	19,200	19,200	17,604	16,000	19,200	19,200
667130	Taxes on Real Estate	682,846	755,000	755,000	683,599	724,000	830,500	830,500
700	TOTAL FIXED AND OTHER CHARGES	682,846	755,000	755,000	683,599	724,000	830,500	830,500
TOTAL LAW		\$ 6,133,569	\$ 7,274,200	\$ 7,274,200	\$ 5,109,403	\$ 6,234,800	\$ 7,952,200	\$ 7,952,200

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.



101 40000	Fund: Corporate Department: Finance	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 3,187,414	\$ 3,286,600	\$ 3,286,600	\$ 2,276,433	\$ 3,079,000	\$ 3,243,900	\$ 3,243,900
601060	Compensation Plan Adjustments	859	116,600	116,600	101,782	102,000	79,900	79,900
601070	Social Security and Medicare Contributions	44,276	48,200	48,200	34,524	45,000	49,100	49,100
601100	Tuition and Training Payments	28,649	30,000	30,000	2,273	4,700	30,000	30,000
100	TOTAL PERSONAL SERVICES	3,261,198	3,481,400	3,481,400	2,415,012	3,230,700	3,402,900	3,402,900
612010	Travel	3,065	8,000	8,000	—	—	10,000	10,000
612030	Meals and Lodging	7,991	12,000	12,000	—	—	12,000	12,000
612040	Postage, Freight, and Delivery Charges	101	500	500	256	500	500	500
612050	Compensation for Personally-Owned Automobiles	73	200	200	109	200	200	200
612090	Reprographic Services	2,340	2,500	2,500	2,360	2,500	2,500	2,500
612250	Court Reporting Services	49,078	50,000	50,000	48,491	50,000	50,000	50,000
612340	Discount Lost	2,331	3,000	3,000	2,026	3,000	3,000	3,000
612430	Payments for Professional Services	252,800	307,600	307,600	264,120	296,100	370,300	370,300
612490	Contractual Services, N.O.C.	860	2,000	2,000	761	2,000	2,500	2,500
612800	Repairs to Office Furniture and Equipment	—	5,000	5,000	5,000	5,000	6,500	6,500
200	TOTAL CONTRACTUAL SERVICES	318,639	390,800	390,800	323,123	359,300	457,500	457,500
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	9,114	10,000	10,000	8,988	9,100	15,000	15,000
623720	Books, Maps, and Charts	708	500	500	500	500	1,000	1,000
623990	Materials and Supplies, N.O.C.	—	500	500	—	500	500	500
300	TOTAL MATERIALS AND SUPPLIES	9,822	11,000	11,000	9,488	10,100	16,500	16,500
TOTAL FINANCE		\$ 3,589,659	\$ 3,883,200	\$ 3,883,200	\$ 2,747,623	\$ 3,600,100	\$ 3,876,900	\$ 3,876,900

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.

101 60000	Fund: Corporate Department: Maintenance & Operations Division: All Divisions	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 89,390,821	\$ 93,317,900	\$ 93,270,900	\$ 67,703,849	\$ 92,081,600	\$ 92,967,100	\$ 92,821,500
601060	Compensation Plan Adjustments	5,504,676	5,857,700	5,857,700	4,214,317	5,796,900	5,671,700	5,788,500
601070	Social Security and Medicare Contributions	1,325,541	1,373,200	1,373,200	1,043,617	1,329,700	1,412,700	1,412,700
601080	Salaries of Nonbudgeted Employees	47,233	5,300	52,300	14,979	55,500	107,000	107,000
601100	Tuition and Training Payments	99,845	209,800	209,800	26,997	44,800	193,200	193,200
100	TOTAL PERSONAL SERVICES	96,368,116	100,763,900	100,763,900	73,003,759	99,308,500	100,351,700	100,322,900
612010	Travel	12,081	25,900	25,900	1,941	4,900	24,000	24,000
612030	Meals and Lodging	55,808	67,400	60,400	22,889	36,700	59,400	59,400
612040	Postage, Freight, and Delivery Charges	—	200	200	—	200	—	—
612050	Compensation for Personally-Owned Automobiles	128,483	116,100	116,100	56,302	86,100	121,100	121,100
612080	Motor Vehicle Operating Services	706	1,400	1,400	96	500	1,600	1,600
612150	Electrical Energy	38,764,073	38,361,700	38,361,700	22,885,454	37,954,800	37,423,700	37,423,700
612160	Natural Gas	2,720,031	3,391,300	3,391,300	1,296,060	3,328,400	3,476,600	3,476,600
612170	Water and Water Services	2,085,398	2,184,300	2,184,300	1,230,120	2,026,600	2,332,500	2,332,500
612210	Communication Services	—	3,000	3,000	—	—	—	—
612240	Testing and Inspection Services	111,192	190,500	190,500	182,218	132,600	244,500	244,500
612330	Rental Charges	146,729	172,000	172,000	141,653	153,800	143,200	143,200
612410	Governmental Service Charges	3,769,147	3,904,200	3,904,200	2,469,880	3,737,900	4,415,300	4,388,500
612420	Maintenance of Grounds and Pavements	460,060	1,375,800	1,357,800	1,350,279	1,120,000	1,436,800	1,436,800
612430	Payments for Professional Services	118,806	602,500	602,500	555,219	555,300	281,900	281,900
612490	Contractual Services, N.O.C.	482,815	573,500	573,500	519,267	447,300	572,300	572,300
612520	Waste Material Disposal Charges	10,550,805	12,045,600	12,740,600	12,733,833	11,342,400	12,200,600	12,227,400
612530	Farming Services	18,200	60,000	40,000	40,000	40,000	90,000	90,000
612590	Sludge Disposal	3,388,793	4,100,000	4,100,000	4,100,000	3,878,100	4,500,000	4,500,000
612600	Repairs to Collection Facilities	3,343,900	3,847,800	3,448,900	3,374,850	2,316,100	4,097,400	4,097,400
612620	Repairs to Waterway Facilities	41,746	72,400	72,400	68,905	65,500	77,600	77,600
612650	Repairs to Process Facilities	5,986,662	9,700,300	9,024,200	8,410,292	4,677,800	12,064,100	12,064,100
612670	Repairs to Railroads	398,984	396,700	396,700	371,014	376,900	642,800	642,800
612680	Repairs to Buildings	743,056	1,291,700	1,266,700	968,257	843,800	1,333,800	1,333,800
612760	Repairs to Material Handling and Farming Equipment	274,418	310,200	760,200	725,641	690,000	725,500	754,300
612780	Safety Repairs and Services	266,468	336,600	336,600	333,662	324,500	379,500	379,500
612790	Repairs to Marine Equipment	35,867	66,500	66,500	66,500	58,600	—	—

101 60000	Fund: Corporate Department: Maintenance & Operations Division: All Divisions	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
612820	Computer Software Maintenance	8,356	9,000	9,000	8,774	8,600	9,000	9,000
612860	Repairs to Vehicle Equipment	152,459	143,600	143,600	143,600	135,600	147,000	147,000
612990	Repairs, N.O.C.	4,545	27,500	27,500	14,900	21,200	27,500	27,500
200	TOTAL CONTRACTUAL SERVICES	74,069,588	83,377,700	83,377,700	62,071,606	74,364,200	86,827,700	86,856,500
623030	Metals	32,377	30,500	30,500	25,329	25,900	30,500	30,500
623070	Electrical Parts and Supplies	2,546,617	2,412,500	2,332,500	2,040,437	2,054,600	3,146,500	3,146,500
623090	Plumbing Accessories and Supplies	695,473	769,100	686,600	545,884	549,200	787,300	787,300
623110	Hardware	5,386	10,900	10,900	6,237	6,300	6,900	6,900
623130	Buildings, Grounds, Paving Materials, and Supplies	126,174	147,800	147,800	126,182	122,000	166,800	166,800
623170	Fiber, Paper, and Insulation Materials	5,335	13,500	13,500	5,300	13,000	13,500	13,500
623190	Paints, Solvents, and Related Materials	4,500	6,400	28,900	26,116	5,800	6,400	6,400
623250	Vehicle Parts and Supplies	170,487	168,000	168,000	165,604	156,400	200,000	200,000
623270	Mechanical Repair Parts	3,212,278	3,874,500	4,014,500	3,782,127	3,600,000	4,747,400	4,747,400
623300	Manhole Materials	18,608	5,000	5,000	3,990	4,500	70,000	70,000
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	38,715	45,300	45,300	35,529	41,800	49,800	49,800
623530	Farming Supplies	2,966	4,000	4,000	—	3,100	4,000	4,000
623560	Processing Chemicals	9,935,750	10,967,300	10,942,300	9,545,870	9,427,000	11,604,500	11,604,500
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	26,297	30,900	30,900	27,750	30,000	36,100	36,100
623660	Cleaning Supplies	1,731	2,200	2,200	1,792	2,000	6,000	6,000
623680	Tools and Supplies	246,301	225,200	225,200	218,220	187,300	245,100	245,100
623700	Wearing Apparel	245	6,600	6,600	1,950	5,900	4,100	4,100
623780	Safety and Medical Supplies	35,561	50,700	50,700	40,576	39,700	69,200	69,200
623800	Computer Software	31,766	66,000	66,000	63,796	65,200	36,300	36,300
623810	Computer Supplies	67,854	36,600	36,600	31,968	28,500	24,500	24,500
623820	Fuel	289,125	327,900	352,900	352,257	311,500	315,600	315,600
623840	Gases	147	600	600	600	300	600	600
623850	Communications Supplies	14,782	15,000	15,000	12,926	12,600	15,000	15,000
623860	Lubricants	9,071	8,200	14,300	9,082	10,700	16,200	16,200
623990	Materials and Supplies, N.O.C.	86,422	91,300	85,200	60,894	72,600	106,500	106,500
300	TOTAL MATERIALS AND SUPPLIES	17,603,970	19,316,000	19,316,000	17,130,416	16,775,900	21,708,800	21,708,800
634600	Equipment for Collection Facilities	50,476	40,000	1,000	—	—	90,000	90,000

101 60000	Fund: Corporate Department: Maintenance & Operations Division: All Divisions	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
634650	Equipment for Process Facilities	271,846	274,000	224,400	216,471	214,600	484,400	484,400
634670	Railroad Equipment	20,779	—	—	—	—	25,000	25,000
634760	Material Handling and Farming Equipment	292,990	44,500	60,500	60,216	44,300	333,000	333,000
634790	Marine Equipment	78,500	—	—	—	—	—	—
634810	Computer Equipment	138,066	—	—	—	—	—	—
634860	Vehicle Equipment	872,413	511,000	574,100	524,106	537,000	568,000	568,000
634990	Machinery and Equipment, N.O.C.	44,217	87,500	97,000	92,796	81,900	90,000	90,000
400	TOTAL MACHINERY AND EQUIPMENT	1,769,287	957,000	957,000	893,589	877,800	1,590,400	1,590,400
TOTAL MAINTENANCE & OPERATIONS		\$189,810,961	\$ 204,414,600	\$ 204,414,600	\$ 153,099,370	\$191,326,400	\$210,478,600	\$ 210,478,600

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.

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.

Account Number	Account Name	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 12,361,245	\$ 12,823,900	\$ 12,823,900	\$ 9,172,621	\$ 12,568,200	\$ 10,507,600	\$ 10,293,400
601060	Compensation Plan Adjustments	650,579	872,000	872,000	544,594	860,000	772,100	771,500
601070	Social Security and Medicare Contributions	181,379	190,900	190,900	140,411	184,100	191,800	191,800
601080	Salaries of Nonbudgeted Employees	—	3,800	—	—	—	3,800	3,800
601100	Tuition and Training Payments	28,773	35,300	35,300	4,193	6,000	34,500	34,500
100	TOTAL PERSONAL SERVICES	13,221,976	13,925,900	13,922,100	9,861,819	13,618,300	11,509,800	11,295,000
612010	Travel	3,034	4,600	4,600	232	1,400	400	400
612030	Meals and Lodging	6,361	13,500	13,500	804	2,200	2,100	2,100
612040	Postage, Freight, and Delivery Charges	—	200	200	—	200	—	—
612050	Compensation for Personally-Owned Automobiles	11,669	9,100	9,100	5,776	7,600	9,100	9,100
612080	Motor Vehicle Operating Services	61	300	300	—	—	300	300
612150	Electrical Energy	76,135	83,000	83,000	38,171	76,300	54,000	54,000
612160	Natural Gas	8,469	9,300	9,300	4,382	8,100	3,800	3,800
612170	Water and Water Services	76,072	174,800	174,800	71,785	163,600	35,100	35,100
612240	Testing and Inspection Services	5,738	9,100	9,100	9,100	8,600	4,100	4,100
612330	Rental Charges	8,339	8,600	8,600	8,550	8,400	—	—
612410	Governmental Service Charges	16,700	17,700	17,700	14,500	17,100	15,700	15,700
612420	Maintenance of Grounds and Pavements	289,433	622,300	620,700	615,600	536,000	18,000	18,000
612430	Payments for Professional Services	100,266	583,500	583,500	536,679	536,700	87,900	87,900
612490	Contractual Services, N.O.C.	157,238	189,100	189,100	183,332	183,200	70,000	70,000
612520	Waste Material Disposal Charges	9,137,851	10,482,200	11,157,200	11,157,083	9,950,600	8,000	8,000
612590	Sludge Disposal	3,388,793	4,100,000	4,100,000	4,100,000	3,878,100	—	—
612600	Repairs to Collection Facilities	931,769	1,156,700	956,700	938,871	996,700	1,350,000	1,350,000
612620	Repairs to Waterway Facilities	41,746	72,400	72,400	68,905	65,500	67,600	67,600
612650	Repairs to Process Facilities	5,208	34,000	34,000	34,000	30,500	—	—
612680	Repairs to Buildings	13,306	18,000	18,000	17,500	17,500	12,000	12,000
612760	Repairs to Material Handling and Farming Equipment	223,470	230,500	680,500	659,000	633,000	—	—
612780	Safety Repairs and Services	8,053	16,500	16,500	14,500	14,500	7,500	7,500
612790	Repairs to Marine Equipment	35,867	66,500	66,500	66,500	58,600	—	—
612820	Computer Software Maintenance	8,356	9,000	9,000	8,774	8,600	—	—
612860	Repairs to Vehicle Equipment	57,692	49,500	49,500	49,500	45,900	42,000	42,000

101 66000	Fund: Corporate Department: Maintenance & Operations Division: General	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
612990	Repairs, N.O.C.	2,406	3,000	3,000	800	2,600	3,000	3,000
200	TOTAL CONTRACTUAL SERVICES	14,614,034	17,963,400	18,886,800	18,604,344	17,251,500	1,790,600	1,790,600
623070	Electrical Parts and Supplies	8,872	17,000	17,000	7,531	9,100	26,900	26,900
623090	Plumbing Accessories and Supplies	14,129	30,500	30,500	26,826	28,500	5,000	5,000
623110	Hardware	652	2,000	2,000	2,000	1,800	2,000	2,000
623130	Buildings, Grounds, Paving Materials, and Supplies	20,880	33,500	33,500	29,226	30,500	23,300	23,300
623250	Vehicle Parts and Supplies	89,790	82,000	82,000	80,827	76,700	2,500	2,500
623270	Mechanical Repair Parts	34,023	144,300	144,300	143,152	108,300	101,000	101,000
623300	Manhole Materials	18,608	5,000	5,000	3,990	4,500	70,000	70,000
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	4,199	10,000	10,000	6,830	9,500	10,500	10,500
623530	Farming Supplies	2,966	4,000	4,000	—	3,100	—	—
623560	Processing Chemicals	149,810	232,000	207,000	174,193	195,400	195,000	195,000
623660	Cleaning Supplies	491	500	500	500	400	—	—
623680	Tools and Supplies	16,374	18,300	18,300	16,532	16,900	30,000	30,000
623700	Wearing Apparel	—	6,000	6,000	1,950	5,300	3,500	3,500
623780	Safety and Medical Supplies	7,121	15,000	15,000	14,626	13,300	25,000	25,000
623810	Computer Supplies	941	13,400	11,000	8,598	5,800	—	—
623820	Fuel	161,416	174,500	217,000	216,899	195,500	—	—
623860	Lubricants	1,615	2,000	2,000	—	1,800	—	—
623990	Materials and Supplies, N.O.C.	26,307	22,400	22,400	16,682	19,400	2,400	2,400
300	TOTAL MATERIALS AND SUPPLIES	558,193	812,400	827,500	750,362	725,800	497,100	497,100
634760	Material Handling and Farming Equipment	—	6,500	—	—	6,300	48,000	48,000
634790	Marine Equipment	78,500	—	—	—	—	—	—
634860	Vehicle Equipment	—	351,000	336,100	325,614	336,100	—	—
634990	Machinery and Equipment, N.O.C.	6,150	—	—	—	—	—	—
400	TOTAL MACHINERY AND EQUIPMENT	84,650	357,500	336,100	325,614	342,400	48,000	48,000
TOTAL GENERAL DIVISION		\$ 28,478,853	\$ 33,059,200	\$ 33,972,500	\$ 29,542,139	\$ 31,938,000	\$ 13,845,500	\$ 13,630,700

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: General		POSITION ANALYSIS				
		2019	2020		2021	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
<b>601</b>	<b>Executive Office</b>					
EX14	Director of Maintenance & Operations	1	1		1	
EX06	Secretary to Officer	1	1		1	
TOTAL 601	Executive Office	2	2	382,517	2	354,119
<b>611</b>	<b>General Division Executive Office</b>					
HP22	Assistant Director of Maintenance & Operations	1	1		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 611	General Division Executive Office	2	2	284,483	2	297,823
<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	1	1		1	
HP14	Budget & Management Analyst	2	2		2	
TOTAL 621	Administrative Unit	4	4	491,383	4	491,383
TOTAL 620	Administrative Section	4	4	491,383	4	491,383
<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	168,874	1	177,536
<b>633</b>	<b>Channel Control Unit</b>					
NR6271	Systems Dispatcher	5	5		5	
TOTAL 633	Channel Control Unit	5	5	611,104	5	611,104
<b>634</b>	<b>Channel Maintenance Unit</b>					
	(* Number of positions budgeted and funded by the Stormwater Management Fund appears below position count)					
HP18	Principal Engineer	— (*1)	— (*1)		— (*1)	
HP15	Associate Civil Engineer	— (*1)	— (*1)		— (*1)	
TOTAL 634	Channel Maintenance Unit	—	—	—	—	—
TOTAL	Stormwater Management Fund Positions	(*2)	(*2)		(*2)	

Fund: Corporate Dept: Maintenance & Operations Division: General		POSITION ANALYSIS				
		2019	2020		2021	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
<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	253,302	2	253,302
<b>636</b>	<b>Boat Operations Unit</b>					
	(* Number of positions budgeted and funded by the Stormwater Management Fund appears below position count)					
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	—	—	—	—	—
TOTAL	Stormwater Management Fund Positions	(*6)	(*6)		(*6)	
<b>639</b>	<b>Channel Maintenance Unit</b>					
	(* Number of positions budgeted and funded by the Stormwater Management Fund appears below position count)					
HP15	Associate Civil Engineer	—	— (*1)		— (*1)	
HP14	Engineering Technician V	— (*1)	— (*1)		— (*1)	
HP14	Engineering Technician V #4	— (*1)	—		—	
NR8650	Maintenance Laborer Class A Shift	— (*2)	— (*2)		— (*2)	
TOTAL 639	Channel Maintenance Unit	—	—	—	—	—
TOTAL	Stormwater Management Fund Positions	(*4)	(*4)		(*4)	
<b>670</b>	<b>Collection System Section</b>					
<b>679</b>	<b>Collection System Unit</b>					
	(* Number of positions budgeted and funded by the Stormwater Management Fund appears below position count)					
HP17	Senior Engineer	1	1		1	
HP15	Associate Civil Engineer #1	1	—		—	
HP14	Engineering Technician V	6	6		6	
HP11	Engineering Technician III	1	1		1	



Fund: Corporate Dept: Maintenance & Operations Division: General		POSITION ANALYSIS				
		2019	2020		2021	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
NR8331	Laborer Foreman	6 (*1)	6 (*1)		6 (*1)	
NR8650	Maintenance Laborer Class A Shift	14 (*4)	14 (*4)		14 (*4)	
PR6473	Truck Driver	6 (*1)	6 (*1)		6 (*1)	
TOTAL 679	Collection System Unit	35	34	3,103,123	34	3,106,878
TOTAL	Stormwater Management Fund Positions	(*6)	(*6)		(*6)	
TOTAL 670	Collection System Section	35	34	3,103,123	34	3,106,878
TOTAL	Stormwater Management Fund Positions	(*6)	(*6)		(*6)	
TOTAL 630	Waterways Control Section	43	42	4,136,404	42	4,148,820
TOTAL	Stormwater Management Fund Positions	(*18)	(*18)		(*18)	
<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	168,874	1	177,536
<b>642</b>	<b>Contract Administration Unit - MOB</b>					
HP18	Principal Engineer	1	1		1	
HP17	Senior Mechanical Engineer	1	1		1	
HP15	Associate Civil Engineer	1	1		1	
HP12	Administrative Assistant #2 (Administrative Specialist) (New Grade HP11)	1	1		—	
TOTAL 642	Contract Administration Unit - MOB	4	4	505,775	3	418,892
<b>643</b>	<b>Technical Services Unit</b>					
HP18	Principal Engineer	—	1		1	
HP17	Senior Engineer	1	1		1	
HP15	Associate Civil Engineer	1	1		1	
TOTAL 643	Technical Services Unit	2	3	413,639	3	407,791
<b>644</b>	<b>Construction Design Unit</b>					
HP18	Principal Engineer	1	—		—	
TOTAL 644	Construction Design Unit	1	—	—	—	—
TOTAL 640	Technical Administration Section	8	8	1,088,289	7	1,004,219

Fund: Corporate Dept: Maintenance & Operations Division: General		POSITION ANALYSIS				
		2019	2020		2021	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
<b>650</b>	<b>Solids Management Section</b>					
<b>651</b>	<b>Solids Administration Unit</b>					
HP20	Managing Engineer	1	1		—	
HP12	Administrative Assistant #2 (Administrative Specialist) (New Grade HP11)	1	1		—	
TOTAL 651	Solids Administration Unit	2	2	283,511	—	—
<b>652</b>	<b>Solids Field Operations Unit</b>					
HP18	Principal Engineer	1	1		—	
HP17	Senior Engineer	1	1		—	
HP15	Associate Civil Engineer	1	1		—	
HP14	Engineering Technician V	3	4		—	
HP14	Engineering Technician V #4	2	1		—	
HP12	Engineering Technician IV	3	3		—	
HP11	Engineering Technician III	1	1		—	
TOTAL 652	Solids Field Operations Unit	12	12	1,251,920	—	—
<b>653</b>	<b>Solids Operations Administration Unit</b>					
HP17	Senior Engineer	1	1		—	
HP15	Associate Civil Engineer	1	—		—	
HP12	Engineering Technician IV #4	1	1		—	
NR8651	Maintenance Laborer Class A	1	1		—	
NR8652	Maintenance Laborer Class B #1	1	—		—	
TOTAL 653	Solids Operations Administration Unit	5	3	322,282	—	—
<b>654</b>	<b>Fulton County Field Operations Unit</b>					
HP12	Agricultural Technician II	1	1		—	
HP11	Agricultural Technician I	1	1		—	
HP11	Administrative Specialist	1	—		—	
TOTAL 654	Fulton County Field Operations Unit	3	2	158,551	—	—
TOTAL 650	Solids Management Section	22	19	2,016,264	—	—

Fund: Corporate Dept: Maintenance & Operations Division: General		POSITION ANALYSIS				
		2019	2020		2021	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
<b>660</b>	<b>Site Remediation Section</b>					
<b>661</b>	<b>Site Remediation Unit</b>					
HP20	Engineer of Site Remediation	1	1		—	
HP17	Site Remediation Specialist	1	1		—	
TOTAL 661	Site Remediation Unit	2	2	343,910	—	—
TOTAL 660	Site Remediation Section	2	2	343,910	—	—
<b>681</b>	<b>Asset Management Section</b>					
HP20	Managing Engineer	1	1		1	
HP18	Principal Electrical Engineer	1	1		1	
HP18	Principal Engineer	1	1		1	
HP18	Principal Mechanical Engineer	3	3		3	
HP17	Senior Electrical Engineer	5	5		5	
HP17	Senior Engineer	1	1		1	
HP17	Senior Mechanical Engineer	4	4		4	
HP15	Associate Electrical Engineer	7	7		5	
HP15	Associate Mechanical Engineer	5	5		5	
HP14	Assistant Electrical Engineer	—	—		2	
HP14	Assistant Mechanical Engineer	2	3		3	
HP14	Assistant Mechanical Engineer #2 (Engineering Technician IV) (New Grade HP12)	1	—		—	
HP14	Engineering Technician V	1	2		2	
TOTAL 681	Asset Management Section	32	33	4,209,639	33	4,152,854
TOTAL	Maintenance & Operations General Division	115	112	12,952,888	90	10,449,217
TOTAL	Stormwater Management Fund Positions	(*18)	(*18)		(*18)	
NOTES: 1. Eighteen positions budgeted in Sections 634, 636, 639, and 679 are funded by the Stormwater Management Fund while the operations remain in the Maintenance & Operations Department. 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.						

101 67000	Fund: Corporate Department: Maintenance & Operations Division: North Service Area	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 23,527,568	\$ 24,580,600	\$ 24,533,600	\$ 17,886,926	\$ 24,290,900	\$ 24,257,300	\$ 24,372,600
601060	Compensation Plan Adjustments	1,415,732	1,355,300	1,355,300	738,955	1,164,200	1,325,400	1,325,900
601070	Social Security and Medicare Contributions	347,071	361,800	361,800	269,127	348,300	374,100	374,100
601080	Salaries of Nonbudgeted Employees	—	—	—	—	—	101,700	101,700
601100	Tuition and Training Payments	29,246	52,400	52,400	12,103	19,000	37,900	37,900
100	TOTAL PERSONAL SERVICES	25,319,617	26,350,100	26,303,100	18,907,111	25,822,400	26,096,400	26,212,200
612010	Travel	8,474	10,900	10,900	915	2,000	13,200	13,200
612030	Meals and Lodging	22,373	17,400	10,400	7,553	9,000	20,800	20,800
612050	Compensation for Personally-Owned Automobiles	20,328	22,000	22,000	8,593	12,800	22,000	22,000
612080	Motor Vehicle Operating Services	165	500	500	16	100	500	500
612150	Electrical Energy	8,249,617	8,260,700	8,260,700	4,760,183	8,065,100	8,084,000	8,084,000
612160	Natural Gas	643,003	678,100	678,100	262,982	584,000	691,100	691,100
612170	Water and Water Services	77,081	75,800	75,800	33,913	64,900	81,700	81,700
612240	Testing and Inspection Services	33,033	43,700	43,700	41,364	26,400	76,400	76,400
612330	Rental Charges	865	2,400	2,400	1,883	1,200	2,400	2,400
612410	Governmental Service Charges	3,565,031	3,693,300	3,693,300	2,284,592	3,532,000	4,208,900	4,182,100
612420	Maintenance of Grounds and Pavements	15,105	115,100	111,400	111,386	24,300	130,400	130,400
612490	Contractual Services, N.O.C.	1,669	1,500	1,500	1,288	1,300	500	500
612520	Waste Material Disposal Charges	470,147	569,600	589,600	584,731	525,000	646,000	672,800
612530	Farming Services	18,200	60,000	40,000	40,000	40,000	90,000	90,000
612600	Repairs to Collection Facilities	145,918	342,100	366,300	360,024	319,500	179,300	179,300
612650	Repairs to Process Facilities	1,232,289	1,679,900	1,704,900	1,573,954	739,300	3,503,100	3,503,100
612680	Repairs to Buildings	197,921	320,900	295,900	278,037	187,100	352,000	352,000
612760	Repairs to Material Handling and Farming Equipment	13,196	27,700	27,700	20,771	12,000	35,700	35,700
612780	Safety Repairs and Services	64,981	85,000	75,000	75,000	65,800	97,100	97,100
612860	Repairs to Vehicle Equipment	19,912	16,000	16,000	16,000	15,000	24,400	24,400
200	TOTAL CONTRACTUAL SERVICES	14,799,307	16,022,600	16,026,100	10,463,185	14,226,800	18,259,500	18,259,500
623030	Metals	8,977	10,000	10,000	6,629	9,000	10,000	10,000
623070	Electrical Parts and Supplies	1,119,678	900,000	900,000	892,961	850,000	1,436,200	1,436,200
623090	Plumbing Accessories and Supplies	204,559	173,900	173,900	172,063	173,900	198,900	198,900
623130	Buildings, Grounds, Paving Materials, and Supplies	21,400	21,600	24,200	23,783	22,600	30,200	30,200

101 67000	Fund: Corporate Department: Maintenance & Operations Division: North Service Area	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623190	Paints, Solvents, and Related Materials	1,267	2,300	2,300	584	2,100	2,300	2,300
623250	Vehicle Parts and Supplies	13,996	12,000	12,000	12,000	11,700	17,000	17,000
623270	Mechanical Repair Parts	639,556	745,000	945,000	890,302	869,300	928,600	928,600
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	11,990	14,300	14,300	13,615	12,900	15,300	15,300
623560	Processing Chemicals	926,538	878,900	778,900	761,666	675,000	755,800	755,800
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	23,371	27,100	27,100	25,051	26,400	27,500	27,500
623660	Cleaning Supplies	—	—	—	—	—	2,000	2,000
623680	Tools and Supplies	77,144	59,500	59,500	56,946	45,900	76,500	76,500
623780	Safety and Medical Supplies	10,775	14,000	15,500	13,665	10,200	22,500	22,500
623800	Computer Software	16,224	4,500	1,300	660	2,000	4,800	4,800
623810	Computer Supplies	28,678	13,200	15,600	15,294	12,700	14,500	14,500
623820	Fuel	13,059	16,000	14,600	14,182	12,000	19,100	19,100
623850	Communications Supplies	14,782	15,000	15,000	12,926	12,600	15,000	15,000
623860	Lubricants	3,777	3,000	3,000	1,590	1,700	3,000	3,000
623990	Materials and Supplies, N.O.C.	6,532	6,200	6,200	5,768	6,200	6,500	6,500
300	TOTAL MATERIALS AND SUPPLIES	3,142,303	2,916,500	3,018,400	2,919,685	2,756,200	3,585,700	3,585,700
634600	Equipment for Collection Facilities	50,476	40,000	1,000	—	—	65,000	65,000
634650	Equipment for Process Facilities	145,738	115,000	98,900	95,813	92,900	151,400	151,400
634760	Material Handling and Farming Equipment	—	38,000	60,500	60,216	38,000	—	—
634810	Computer Equipment	138,066	—	—	—	—	—	—
634860	Vehicle Equipment	65,571	160,000	204,500	198,492	200,900	98,000	98,000
400	TOTAL MACHINERY AND EQUIPMENT	399,851	353,000	364,900	354,521	331,800	314,400	314,400
TOTAL NORTH SERVICE AREA		\$ 43,661,078	\$ 45,642,200	\$ 45,712,500	\$ 32,644,502	\$ 43,137,200	\$ 48,256,000	\$ 48,371,800

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.

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				
		2019	2020		2021	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	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	
HP14	Engineering Technician V	1	1		1	
HP12	Secretary #1	—	—		1	
HP12	Secretary #2 (Administrative Specialist) (New Grade HP11)	1	1		—	
TOTAL 710	North Service Area Executive Office	4	4	650,946	4	591,831
<b>711</b>	<b>North Service Area Budget Control Unit</b>					
HP16	Senior Budget & Management Analyst	1	1		1	
HP14	Budget & Management Analyst	1	1		1	
TOTAL 711	North Service Area Budget Control Unit	2	2	214,560	2	220,087
<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>					
HP21	Engineer of Treatment Plant Operations I #2 (Managing Engineer) (New Grade HP20)	1	1		—	
HP20	Managing Engineer	—	—		1	
TOTAL 715	Terrence J. O'Brien Water Reclamation Plant Branch Office	1	1	220,843	1	151,553
<b>720</b>	<b>Plant Engineering &amp; Maintenance Section</b>					
<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	775,555	11	778,142
<b>723</b>	<b>Electrical Engineering Unit</b>					
HP15	Associate Process Control Engineer	—	1		1	
NR6251	Chief Electrical Operator	1	1		1	
NR6233	Electrical Operator II	5	5		5	

Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2019	2020		2021	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
NR6232	Electrical Operator I	2	2		2	
TOTAL 723	Electrical Engineering Unit	8	9	934,738	9	934,738
<b>724</b>	<b>Maintenance Unit</b>					
HP19	Master Mechanic	1	1		1	
HP18	Principal Electrical Engineer	—	1		1	
HP17	Assistant Master Mechanic	4	4		4	
HP17	Senior Electrical Engineer	2	1		1	
HP15	Associate Civil Engineer #2 (Engineering Technician IV) (New Grade HP12)	—	1		1	
HP15	Associate Electrical Engineer	—	—		1	
HP15	Associate Process Control Engineer	—	1		1	
HP14	Assistant Electrical Engineer	1	1		—	
HP11	Administrative Specialist	1	1		1	
TOTAL 724	Maintenance Unit	9	11	1,414,561	11	1,434,398
<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	
PR7349	Electrical Mechanic Sub-Foreman	1	1		1	
PR7343	Electrical Mechanic	14	14		14	
PR6453	Hoisting Engineer	1	1		1	
PR7579	Machinist Foreman	1	1		1	
PR7575	Machinist Leadman	1	1		1	
PR7573	Machinist	16	16		16	

Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2019	2020		2021	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
PR5553	Painter	2	2		2	
PR7779	Pipefitter Foreman	1	1		1	
PR7775	Pipefitter Leadman	1	1		1	
PR7773	Pipefitter	12	12		12	
PR5753	Plumber	2	2		2	
PR5975	Structural Ironworker Leadman	1	1		1	
PR5973	Structural Ironworker	2	2		2	
PR6473	Truck Driver	5	5		5	
TOTAL 764	Area Maintenance Unit	80	80	8,289,861	80	8,461,253
TOTAL 760	Area Maintenance Section	80	80	8,289,861	80	8,461,253
TOTAL 720	Plant Engineering & Maintenance Section	108	111	11,414,715	111	11,608,531
<b>730</b>	<b>Plant Operations Section</b>					
<b>731</b>	<b>Administrative Unit</b>					
HP19	Assistant Engineer of Treatment Plant Operations II #2 (Principal Engineer) (New Grade HP18)	1	—		—	
HP18	Principal Engineer	—	1		1	
HP15	Associate Civil Engineer	—	—		1	
HP12	Engineering Technician IV	1	1		1	
TOTAL 731	Administrative Unit	2	2	227,341	3	324,363
<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	4	4		3	
NR8651	Maintenance Laborer Class A	2	2		2	
TOTAL 732	Treatment Operations Unit	19	19	1,736,613	18	1,673,327
<b>734</b>	<b>Mechanical Operations Unit</b>					
HP17	Chief Operating Engineer I	1	1		1	
HP16	Assistant Chief Operating Engineer	1	1		1	



Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2019	2020		2021	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
NR6810	Fireman-Oiler	6	6		6	
NR6810	Fireman-Oiler #1	—	3		—	
NR6832	Operating Engineer II	8	8		8	
NR6831	Operating Engineer I	5	5		5	
TOTAL 734	Mechanical Operations Unit	21	24	2,481,467	21	2,216,427
TOTAL 730	Plant Operations Section	42	45	4,445,421	42	4,214,117
TOTAL 715	Terrence J. O'Brien Water Reclamation Plant Branch	151	157	16,080,979	154	15,974,201
<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	277,487	2	280,975
<b>753</b>	<b>Operations Unit</b>					
HP17	Senior Engineer	—	1		1	
HP17	Senior Mechanical Engineer	1	—		—	
HP16	Treatment Plant Operator III	1	1		1	
HP14	Treatment Plant Operator II	6	7		7	
HP14	Treatment Plant Operator II #4	1	—		—	
HP12	Treatment Plant Operator I	5	5		5	
NR6810	Fireman-Oiler	1	1		1	
TOTAL 753	Operations Unit	15	15	1,451,118	15	1,461,862
<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	
NR8652	Maintenance Laborer Class B #1	1	—		—	
TOTAL 755	General Plant Services Unit	5	4	324,909	4	324,909
TOTAL 750	Hanover Park Water Reclamation Plant Section	22	21	2,053,514	21	2,067,746

Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2019	2020		2021	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
<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	
HP11	Administrative Specialist	1	1		1	
TOTAL 781	Administrative Unit	2	2	258,363	2	270,513
<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	6	7		7	
HP14	Treatment Plant Operator II #4	1	—		—	
HP12	Treatment Plant Operator I	4	2		2	
NR6810	Fireman-Oiler	2	1		1	
NR8650	Maintenance Laborer Class A Shift	3	3		3	
NR8650	Maintenance Laborer Class A Shift #1	1	—		—	
NR6831	Operating Engineer I	6	6		6	
TOTAL 783	Operations Unit	26	22	2,247,556	22	2,267,542
<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	407,048	5	386,920
TOTAL 780	James C. Kirie Water Reclamation Plant Section	33	29	2,912,967	29	2,924,976
<b>790</b>	<b>John E. Egan Water Reclamation Plant Section</b>					
791	Administrative Unit					
HP20	Managing Engineer	1	1		1	
HP18	Principal Engineer	1	1		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 791	Administrative Unit	3	3	438,920	3	438,920

Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2019	2020		2021	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
<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	
HP14	Treatment Plant Operator II #1	—	1		—	
HP12	Treatment Plant Operator I	4	4		4	
NR6810	Fireman-Oiler	2	2		1	
NR8650	Maintenance Laborer Class A Shift	1	1		—	
NR8651	Maintenance Laborer Class A	—	1		—	
NR6832	Operating Engineer II	1	1		1	
NR6831	Operating Engineer I	6	6		6	
TOTAL 793	Operations Unit	23	25	2,357,365	21	2,047,922
<b>795</b>	<b>General Plant Services Unit</b>					
NR8331	Laborer Foreman	1	1		1	
NR8651	Maintenance Laborer Class A	4	4		4	
NR8652	Maintenance Laborer Class B	1	1		1	
TOTAL 795	General Plant Services Unit	6	6	477,818	6	477,818
TOTAL 790	John E. Egan Water Reclamation Plant Section	32	34	3,274,102	30	2,964,660
TOTAL	Maintenance & Operations North Service Area	244	247	25,187,068	240	24,743,500
NOTES: 1. There are no positions budgeted for the Stormwater Management Fund. 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.						

101 68000	Fund: Corporate Department: Maintenance & Operations Division: Calumet Service Area	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 17,872,466	\$ 18,660,100	\$ 18,660,100	\$ 13,630,246	\$ 18,493,500	\$ 19,162,700	\$ 19,162,700
601060	Compensation Plan Adjustments	960,723	1,085,900	1,085,900	935,510	1,085,900	1,145,700	1,145,700
601070	Social Security and Medicare Contributions	263,811	273,800	273,800	211,452	248,100	282,700	282,700
601080	Salaries of Nonbudgeted Employees	47,233	—	46,700	9,379	52,300	—	—
601100	Tuition and Training Payments	7,860	30,600	30,600	800	7,000	34,300	34,300
100	TOTAL PERSONAL SERVICES	19,152,092	20,050,400	20,097,100	14,787,387	19,886,800	20,625,400	20,625,400
612010	Travel	—	5,000	5,000	—	500	5,000	5,000
612030	Meals and Lodging	6,505	10,000	10,000	3,220	4,000	10,000	10,000
612050	Compensation for Personally-Owned Automobiles	50,732	40,000	40,000	22,593	38,700	45,000	45,000
612080	Motor Vehicle Operating Services	348	300	300	—	200	500	500
612150	Electrical Energy	10,088,589	9,791,400	9,791,400	5,908,723	9,607,000	9,792,700	9,792,700
612160	Natural Gas	697,975	681,300	681,300	525,530	733,900	731,700	731,700
612170	Water and Water Services	350,996	390,500	390,500	192,794	332,000	390,500	390,500
612210	Communication Services	—	3,000	3,000	—	—	—	—
612240	Testing and Inspection Services	35,869	73,300	73,300	71,345	39,600	70,000	70,000
612330	Rental Charges	269	15,000	15,000	400	1,000	5,400	7,700
612410	Governmental Service Charges	97,536	103,000	103,000	97,788	98,600	100,000	100,000
612420	Maintenance of Grounds and Pavements	49,169	87,900	118,900	118,817	78,500	247,500	247,500
612490	Contractual Services, N.O.C.	3,589	10,500	10,500	381	2,600	14,500	15,500
612520	Waste Material Disposal Charges	330,576	410,800	410,800	409,539	320,400	4,013,900	4,013,900
612600	Repairs to Collection Facilities	100,273	101,500	101,500	70,600	52,400	383,700	383,700
612620	Repairs to Waterway Facilities	—	—	—	—	—	10,000	10,000
612650	Repairs to Process Facilities	1,508,293	3,503,400	3,408,900	3,132,254	1,625,000	3,095,900	3,095,900
612680	Repairs to Buildings	337,185	481,300	481,300	409,605	231,700	484,800	484,800
612760	Repairs to Material Handling and Farming Equipment	37,752	52,000	52,000	45,870	45,000	84,300	84,300
612780	Safety Repairs and Services	15,254	20,000	36,000	36,000	30,000	24,800	24,800
612860	Repairs to Vehicle Equipment	52,112	53,500	53,500	53,500	52,000	53,500	53,500
612990	Repairs, N.O.C.	100	8,000	8,000	1,000	3,100	8,000	8,000
200	TOTAL CONTRACTUAL SERVICES	13,763,122	15,841,700	15,794,200	11,099,959	13,296,200	19,571,700	19,575,000
623030	Metals	11,407	10,100	10,100	8,300	7,100	10,100	10,100
623070	Electrical Parts and Supplies	427,581	387,300	387,300	383,075	350,000	528,300	528,300
623090	Plumbing Accessories and Supplies	141,740	226,100	143,600	101,532	136,800	219,800	219,800
623110	Hardware	1,491	2,800	2,800	2,800	1,300	2,800	2,800

101 68000	Fund: Corporate Department: Maintenance & Operations Division: Calumet Service Area	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623130	Buildings, Grounds, Paving Materials, and Supplies	36,697	52,500	49,900	38,317	31,500	56,600	56,600
623190	Paints, Solvents, and Related Materials	940	2,800	25,300	24,433	2,500	2,800	2,800
623250	Vehicle Parts and Supplies	29,011	36,000	36,000	36,000	32,200	62,500	62,500
623270	Mechanical Repair Parts	541,782	527,100	827,100	716,212	577,400	632,200	632,200
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	8,046	10,000	10,000	6,696	8,800	10,000	10,000
623560	Processing Chemicals	1,510,389	1,555,900	1,555,900	1,540,963	1,320,100	1,845,700	1,845,700
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	2,126	3,000	3,000	1,958	2,900	3,000	3,000
623660	Cleaning Supplies	458	1,000	1,000	605	900	2,000	2,000
623680	Tools and Supplies	36,563	48,300	48,300	47,571	31,500	39,000	39,000
623780	Safety and Medical Supplies	17,511	20,300	18,800	11,625	15,200	20,300	20,300
623810	Computer Supplies	4,758	—	—	—	—	—	—
623820	Fuel	46,158	50,000	41,800	41,760	30,000	68,800	68,800
623860	Lubricants	497	2,000	2,000	1,091	700	2,000	2,000
623990	Materials and Supplies, N.O.C.	26,162	31,000	31,000	18,642	22,800	38,000	45,500
300	TOTAL MATERIALS AND SUPPLIES	2,843,317	2,966,200	3,193,900	2,981,580	2,571,700	3,543,900	3,551,400
634650	Equipment for Process Facilities	61,378	159,000	125,500	120,658	121,700	239,000	239,000
634760	Material Handling and Farming Equipment	292,990	—	—	—	—	285,000	285,000
634860	Vehicle Equipment	524,119	—	33,500	—	—	48,000	48,000
634990	Machinery and Equipment, N.O.C.	5,761	—	—	—	—	25,000	25,000
400	TOTAL MACHINERY AND EQUIPMENT	884,248	159,000	159,000	120,658	121,700	597,000	597,000
TOTAL CALUMET SERVICE AREA		\$ 36,642,779	\$ 39,017,300	\$ 39,244,200	\$ 28,989,584	\$ 35,876,400	\$ 44,338,000	\$ 44,348,800

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.

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.

101 69000	Fund: Corporate Department: Maintenance & Operations Division: Stickney Service Area	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 35,629,542	\$ 37,253,300	\$ 37,253,300	\$ 27,014,056	\$ 36,729,000	\$ 39,039,500	\$ 38,992,800
601060	Compensation Plan Adjustments	2,477,643	2,544,500	2,544,500	1,995,259	2,686,800	2,428,500	2,545,400
601070	Social Security and Medicare Contributions	533,280	546,700	546,700	422,626	549,200	564,100	564,100
601080	Salaries of Nonbudgeted Employees	—	1,500	5,600	5,600	3,200	1,500	1,500
601100	Tuition and Training Payments	33,967	91,500	91,500	9,901	12,800	86,500	86,500
100	TOTAL PERSONAL SERVICES	38,674,432	40,437,500	40,441,600	29,447,442	39,981,000	42,120,100	42,190,300
612010	Travel	573	5,400	5,400	794	1,000	5,400	5,400
612030	Meals and Lodging	20,569	26,500	26,500	11,312	21,500	26,500	26,500
612050	Compensation for Personally-Owned Automobiles	45,754	45,000	45,000	19,339	27,000	45,000	45,000
612080	Motor Vehicle Operating Services	132	300	300	80	200	300	300
612150	Electrical Energy	20,349,731	20,226,600	20,226,600	12,178,377	20,206,400	19,493,000	19,493,000
612160	Natural Gas	1,370,583	2,022,600	2,022,600	503,165	2,002,400	2,050,000	2,050,000
612170	Water and Water Services	1,581,250	1,543,200	1,543,200	931,629	1,466,100	1,825,200	1,825,200
612240	Testing and Inspection Services	36,552	64,400	64,400	60,409	58,000	94,000	94,000
612330	Rental Charges	137,255	146,000	146,000	130,821	143,200	135,400	133,100
612410	Governmental Service Charges	89,880	90,200	90,200	73,000	90,200	90,700	90,700
612420	Maintenance of Grounds and Pavements	106,353	550,500	506,800	504,476	481,200	1,040,900	1,040,900
612430	Payments for Professional Services	18,540	19,000	19,000	18,540	18,600	194,000	194,000
612490	Contractual Services, N.O.C.	320,320	372,400	372,400	334,266	260,200	487,300	486,300
612520	Waste Material Disposal Charges	612,231	583,000	583,000	582,480	546,400	7,532,700	7,532,700
612590	Sludge Disposal	—	—	—	—	—	4,500,000	4,500,000
612600	Repairs to Collection Facilities	2,165,941	2,247,500	2,024,400	2,005,356	947,500	2,184,400	2,184,400
612650	Repairs to Process Facilities	3,240,873	4,483,000	3,876,400	3,670,085	2,283,000	5,465,100	5,465,100
612670	Repairs to Railroads	398,984	396,700	396,700	371,014	376,900	642,800	642,800
612680	Repairs to Buildings	194,643	471,500	471,500	263,116	407,500	485,000	485,000
612760	Repairs to Material Handling and Farming Equipment	—	—	—	—	—	605,500	634,300
612780	Safety Repairs and Services	178,180	215,100	209,100	208,162	214,200	250,100	250,100
612820	Computer Software Maintenance	—	—	—	—	—	9,000	9,000
612860	Repairs to Vehicle Equipment	22,743	24,600	24,600	24,600	22,700	27,100	27,100
612990	Repairs, N.O.C.	2,038	16,500	16,500	13,100	15,500	16,500	16,500
200	TOTAL CONTRACTUAL SERVICES	30,893,124	33,550,000	32,670,600	21,904,121	29,589,700	47,205,900	47,231,400

101 69000	Fund: Corporate Department: Maintenance & Operations Division: Stickney Service Area	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623030	Metals	11,994	10,400	10,400	10,400	9,800	10,400	10,400
623070	Electrical Parts and Supplies	990,487	1,108,200	1,028,200	756,870	845,500	1,155,100	1,155,100
623090	Plumbing Accessories and Supplies	335,045	338,600	338,600	245,463	210,000	363,600	363,600
623110	Hardware	3,243	6,100	6,100	1,437	3,200	2,100	2,100
623130	Buildings, Grounds, Paving Materials, and Supplies	47,197	40,200	40,200	34,856	37,400	56,700	56,700
623170	Fiber, Paper, and Insulation Materials	5,335	13,500	13,500	5,300	13,000	13,500	13,500
623190	Paints, Solvents, and Related Materials	2,294	1,300	1,300	1,100	1,200	1,300	1,300
623250	Vehicle Parts and Supplies	37,689	38,000	38,000	36,778	35,800	118,000	118,000
623270	Mechanical Repair Parts	1,996,918	2,458,100	2,098,100	2,032,461	2,045,000	3,085,600	3,085,600
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	14,481	11,000	11,000	8,388	10,600	14,000	14,000
623530	Farming Supplies	—	—	—	—	—	4,000	4,000
623560	Processing Chemicals	7,349,013	8,300,500	8,400,500	7,069,048	7,236,500	8,808,000	8,808,000
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	800	800	800	741	700	5,600	5,600
623660	Cleaning Supplies	782	700	700	687	700	2,000	2,000
623680	Tools and Supplies	116,220	99,100	99,100	97,170	93,000	99,600	99,600
623700	Wearing Apparel	245	600	600	—	600	600	600
623780	Safety and Medical Supplies	155	1,400	1,400	660	1,000	1,400	1,400
623800	Computer Software	15,542	61,500	64,700	63,136	63,200	31,500	31,500
623810	Computer Supplies	33,476	10,000	10,000	8,076	10,000	10,000	10,000
623820	Fuel	68,491	87,400	79,500	79,415	74,000	227,700	227,700
623840	Gases	147	600	600	600	300	600	600
623860	Lubricants	3,182	1,200	7,300	6,401	6,500	11,200	11,200
623990	Materials and Supplies, N.O.C.	27,421	31,700	25,600	19,803	24,200	59,600	52,100
300	TOTAL MATERIALS AND SUPPLIES	11,060,157	12,620,900	12,276,200	10,478,790	10,722,200	14,082,100	14,074,600
634600	Equipment for Collection Facilities	—	—	—	—	—	25,000	25,000
634650	Eqpt for Proc Facil	64,730	—	—	—	—	94,000	94,000
634670	Railroad Equipment	20,779	—	—	—	—	25,000	25,000
634860	Vehicle Equipment	282,723	—	—	—	—	422,000	422,000

101 69000	Fund: Corporate Department: Maintenance & Operations Division: Stickney Service Area	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
634990	Machinery and Equipment, N.O.C.	32,306	87,500	97,000	92,796	81,900	65,000	65,000
400	TOTAL MACHINERY AND EQUIPMENT	400,538	87,500	97,000	92,796	81,900	631,000	631,000
TOTAL STICKNEY SERVICE AREA		\$ 81,028,251	\$ 86,695,900	\$ 85,485,400	\$ 61,923,149	\$ 80,374,800	\$104,039,100	\$ 104,127,300
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				
		2019	2020		2021	
					Recommended By Committee on Budget / Employment	
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	
HP23	Deputy Director of Maintenance & Operations #2 (Assistant Director of Maintenance & Operations) (New Grade HP22)	1	—		—	
HP12	Secretary #2 (Administrative Specialist) (New Grade HP11)	1	1		1	
TOTAL 910	Stickney Executive Office	2	2	355,516	2	355,516
<b>911</b>	<b>Stickney Budget Control Unit</b>					
HP14	Budget & Management Analyst	2	2		2	
HP11	Administrative Specialist	1	1		1	
TOTAL 911	Stickney Budget Control Unit	3	3	284,154	3	284,154
<b>920</b>	<b>Plant Engineering &amp; Maintenance Branch</b>					
<b>921</b>	<b>Administrative Unit</b>					
HP21	Engineer of Treatment Plant Operations	—	—		1	
HP21	Engineer of Treatment Plant Operations I	—	1		—	
HP21	Engineer of Treatment Plant Operations I #2 (Managing Engineer) (New Grade HP20)	1	—		—	
HP11	Administrative Specialist	1	1		1	
TOTAL 921	Administrative Unit	2	2	294,814	2	294,814
<b>923</b>	<b>Electrical Engineering Unit</b>					
HP18	Principal Electrical Engineer	1	—		—	
HP17	Senior Electrical Engineer	—	1		1	
HP15	Associate Process Control Engineer	1	1		2	
HP14	Engineering Technician V	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	20	20	2,174,786	20	2,168,304
<b>924</b>	<b>Maintenance Unit</b>					
	(* Number of positions budgeted and funded by the Stormwater Management Fund appear below position count)					
HP19	Master Mechanic	1	1		1	
HP17	Assistant Master Mechanic	5	5		5	
HP14	Engineering Technician V	2	1		1	

Fund: Corporate Dept: Maintenance & Operations Division: Stickney Service Area		POSITION ANALYSIS				
		2019	2020		2021	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
HP11	Administrative Specialist	1	1		1	
PR5935	Architectural Ironworker Leadman	1	1		1	
PR5933	Architectural Ironworker	3	3		3	
PR5353	Bricklayer	1	1		1	
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	18	18		18	
PR6459	Hoisting Engineer Foreman	1	1		1	
PR6453	Hoisting Engineer	10	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	23 (*1)	23 (*1)		23 (*1)	
PR5759	Plumber Foreman	1	1		1	
PR5753	Plumber	4	4		4	
PR5955	Sheet Metal Worker Leadman	1	1		1	
PR5953	Sheet Metal Worker	6	6		6	
PR6479	Truck Driver Foreman	1	1		1	

Fund: Corporate Dept: Maintenance & Operations Division: Stickney Service Area		POSITION ANALYSIS				
		2019	2020		2021	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
PR6473	Truck Driver	8	8		8	
TOTAL 924	Maintenance Unit	161	160	16,729,932	160	17,086,316
TOTAL	Stormwater Management Fund Positions	(*1)	(*1)		(*1)	
<b>943</b>	<b>Buildings &amp; Grounds Unit</b>					
HP18	Principal Mechanical Engineer	1	1		1	
HP15	Associate Civil Engineer	1	1		1	
HP14	Engineering Technician V	2	2		2	
HP09	Administrative Clerk	1	1		—	
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	23	23	1,825,039	22	1,764,704
TOTAL 920	Plant Engineering & Maintenance Branch	206	205	21,024,571	204	21,314,137
TOTAL	Stormwater Management Fund Positions	(*1)	(*1)		(*1)	
<b>930</b>	<b>Plant Operations Branch</b>					
<b>931</b>	<b>Administrative Unit</b>					
HP21	Engineer of Treatment Plant Operations	—	—		1	
HP21	Engineer of Treatment Plant Operations I	—	1		—	
HP20	Managing Engineer	1	—		—	
HP20	Managing Engineer #1	—	1		1	
TOTAL 931	Administrative Unit	1	2	369,114	2	372,395
<b>932</b>	<b>Treatment Operations Unit</b>					
HP19	Assistant Engineer of Treatment Plant Operations II #2 (Principal Engineer) (New Grade HP18)	1	1		—	
HP18	Principal Engineer	—	—		1	
HP17	Senior Engineer	1	1		1	
HP16	Treatment Plant Operator III	6	6		6	
HP15	Associate Civil Engineer	—	1		1	
HP14	Assistant Civil Engineer	—	—		1	
HP14	Treatment Plant Operator II	8	8		9	
HP14	Treatment Plant Operator II #4	1	1		—	
HP12	Treatment Plant Operator I	6	6		6	
HP11	Administrative Specialist	1	1		1	

Fund: Corporate Dept: Maintenance & Operations Division: Stickney Service Area		POSITION ANALYSIS				
		2019	2020		2021	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
HP11	Engineering Technician III	1	—		—	
NR8331	Laborer Foreman	1	1		1	
NR8650	Maintenance Laborer Class A Shift	15	15		15	
NR8651	Maintenance Laborer Class A	5	5		5	
TOTAL 932	Treatment Operations Unit	46	46	4,422,066	47	4,417,628
<b>934</b>	<b>Mechanical Operations Unit</b>					
	(* Number of positions budgeted and funded by the Stormwater Management Fund appear below position count)					
HP18	Chief Operating Engineer II	1	1		1	
HP17	Chief Operating Engineer I	2	2		2	
HP16	Assistant Chief Operating Engineer	6	6		6	
NR6810	Fireman-Oiler	11	11		11	
NR8650	Maintenance Laborer Class A Shift	20	20		20	
		(*4)	(*4)		(*4)	
NR8651	Maintenance Laborer Class A	4	4		4	
NR6832	Operating Engineer II	35	35		35	
NR6831	Operating Engineer I	26	26		26	
		(*4)	(*4)		(*4)	
TOTAL 934	Mechanical Operations Unit	105	105	10,796,212	105	10,818,961
TOTAL	Stormwater Management Fund Positions	(*8)	(*8)		(*8)	
<b>945</b>	<b>Railroad Unit</b>					
NR8331	Laborer Foreman	1	1		1	
NR8650	Maintenance Laborer Class A Shift	5	5		5	
TOTAL 945	Railroad Unit	6	6	523,370	6	523,370
TOTAL 930	Plant Operations Branch	158	159	16,110,762	160	16,132,354
<b>950</b>	<b>Solids Management Section</b>					
<b>951</b>	<b>Solids Administration Unit</b>					
HP20	Managing Engineer	—	—		1	
HP12	Administrative Assistant #2 (Administrative Specialist) (New Grade HP11)	—	—		1	
TOTAL 951	Solids Administration Unit	—	—	—	2	283,512
<b>952</b>	<b>Solids Field Operations Unit</b>					
HP15	Associate Civil Engineer	—	—		1	
HP14	Engineering Technician V	—	—		2	

Fund: Corporate Dept: Maintenance & Operations Division: Stickney Service Area		POSITION ANALYSIS				
		2019	2020		2021	
					Recommended By Committee on Budget / Employment	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
HP14	Engineering Technician V #4	—	—		1	
HP12	Engineering Technician IV	—	—		3	
NR8651	Maintenance Laborer Class A	—	—		1	
TOTAL 952	Solids Field Operations Unit	—	—	—	8	753,457
<b>953</b>	<b>Solids Operations Administration Unit</b>					
HP19	Assistant Engineer of Treatment Plant Operations II #2 (Principal Engineer) (New Grade HP18)	—	—		1	
HP17	Senior Engineer	—	—		1	
TOTAL 953	Solids Operations Administration Unit	—	—	—	2	320,686
<b>954</b>	<b>Fulton County Field Operations Unit</b>					
HP12	Agricultural Technician II	—	—		1	
HP11	Agricultural Technician I	—	—		1	
TOTAL 954	Fulton County Field Operations Unit	—	—	—	2	142,248
TOTAL 950	Solids Management Section	—	—	—	14	1,499,902
TOTAL	Stormwater Management Fund Positions	(*8)	(*8)		(*8)	
TOTAL	Maintenance & Operations Stickney Service Area	369	369	37,775,003	383	39,586,063
TOTAL	Stormwater Management Fund Positions	(*9)	(*9)		(*9)	
NOTE: 1. Nine positions budgeted in Sections 924 and 934 are funded by the Stormwater Management Fund while the operations remain in the Maintenance & Operations Department. 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.						

101 50000	Fund: Corporate Department: Engineering	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 22,215,924	\$ 24,059,000	\$ 24,059,000	\$ 15,923,248	\$ 21,615,000	\$ 23,374,600	\$ 23,374,600
601060	Compensation Plan Adjustments	568,300	531,800	531,800	358,461	396,000	614,100	614,100
601070	Social Security and Medicare Contributions	315,264	366,200	366,200	234,079	300,600	358,000	358,000
601100	Tuition and Training Payments	80,898	98,000	98,000	14,325	19,500	97,000	97,000
100	TOTAL PERSONAL SERVICES	23,180,386	25,055,000	25,055,000	16,530,113	22,331,100	24,443,700	24,443,700
612010	Travel	6,919	12,800	12,300	665	1,200	9,000	9,000
612030	Meals and Lodging	17,561	34,700	33,500	1,500	2,000	17,000	17,000
612040	Postage, Freight, and Delivery Charges	1,384	1,500	1,500	1,500	1,500	1,500	1,500
612050	Compensation for Personally-Owned Automobiles	6,679	8,000	8,000	1,404	1,900	8,000	8,000
612080	Motor Vehicle Operating Services	224	500	500	19	100	500	500
612090	Reprographic Services	3,275	3,500	3,500	3,500	3,500	3,500	3,500
612170	Water and Water Services	4,746	4,500	4,500	4,500	4,500	4,500	4,500
612240	Testing and Inspection Services	—	250,000	250,000	234,995	181,700	1,000,000	1,000,000
612330	Rental Charges	—	—	500	476	500	500	500
612430	Payments for Professional Services	84,754	318,600	295,100	247,227	225,000	183,000	183,000
612490	Contractual Services, N.O.C.	82,059	83,100	83,100	82,059	82,100	79,600	79,600
612620	Repairs to Waterway Facilities	70,955	47,900	71,400	70,955	71,000	71,000	71,000
612800	Repairs to Office Furniture and Equipment	—	—	—	—	—	7,100	7,100
612970	Repairs to Testing and Laboratory Equipment	2,226	5,500	5,500	2,316	3,200	7,500	7,500
612990	Repairs, N.O.C.	8,088	8,800	10,000	9,912	8,700	500	500
200	TOTAL CONTRACTUAL SERVICES	288,871	779,400	779,400	661,028	586,900	1,393,200	1,393,200
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	38,918	42,300	42,300	30,939	28,500	38,300	38,300
623680	Tools and Supplies	5,638	8,200	8,200	6,208	6,100	11,200	11,200
623720	Books, Maps, and Charts	4,975	5,000	5,000	2,388	2,900	5,000	5,000
623780	Safety and Medical Supplies	—	—	—	—	—	1,000	1,000
623800	Computer Software	—	21,000	21,000	—	15,700	33,000	33,000
623990	Materials and Supplies, N.O.C.	—	200	200	—	—	200	200
300	TOTAL MATERIALS AND SUPPLIES	49,531	76,700	76,700	39,535	53,200	88,700	88,700
TOTAL ENGINEERING		\$ 23,518,788	\$ 25,911,100	\$ 25,911,100	\$ 17,230,676	\$ 22,971,200	\$ 25,925,600	\$ 25,925,600

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.

## Construction Fund Program

### Projects Under Construction

Project Name	Project Number	Est. Construction Cost	2021 Appropriation	Duration (days)	Award Date
Furnish, Deliver, and Install Four Sacrificial Deep Anode Ground Beds for the Cathodic Protection System, CSA	19-804-21	\$ 805	\$ 100	601	Aug 2019
Furnish, Deliver, and Install a Shaftless Screw Conveyor in an Aerated Grit Tank, CWRP	18-802-22	415	50	543	Sep 2019
Rehabilitation of Two Double Disc Gate Valves, SWRP	19-905-21	1,088	888	619	Oct 2019
Furnish, Deliver, and Install Motor Excitation Control Equipment, Various Locations	19-603-21	865	50	496	Nov 2019
Furnish and Deliver HVAC Coils, Various Service Areas	19-608-22	62	62	447	Jan 2020
Railroad Track Rehabilitation, SSA	J69922-22.A	1,353	800	470	Feb 2020
Furnish, Deliver, and Install an Upgraded Operator for TARP Gate I, OWRP	19-717-22	775	450	480	Mar 2020
Asbestos Abatement at the Pump and Blower Building Bag House, SSA	J69922-023.A	626	76	384	Mar 2020
Rehabilitate One Electric Motor, OWRP	20-704-21	203	150	360	Aug 2020
Furnish, Deliver, and Install 480 VAC Duct Bank Feeder Cables, SSA	J69923-012.A	200	200	211	Sep 2020
HVAC Improvements, Various Locations	19-613-21	3,175	1,100	1,216	Oct 2020
Rehabilitate Aeration Blowers, SWRP	20-908-21	3,385	1,000	1,172	Oct 2020
Furnish, Deliver, and Install Air Compressors, CSA and SWRP	J67722-001.A	735	610	456	Nov 2020
Furnish, Deliver, and Install Emergency Backup Generator, CSA	J67723-001.D	204	204	180	Nov 2020
Remove and Replace Two Boilers, Main Office Building	J15090-076	500	500	334	Dec 2020
Furnish, Deliver, and Install 480V Power Feeds to Aeration Batteries A, B, and C, CWRP	J68823-001.A	250	250	274	Dec 2020
Furnish, Deliver, and Install Automatic Transfer Switches, LWRP	J68823-002.A	250	250	274	Dec 2020
Total Projects Under Construction		\$ 14,891	\$ 6,740		

**Awards in 2021**

Project Name	Project Number	Est. Construction Cost	2021 Appropriation	Duration (days)	Est. Award Date
Rehabilitation of the Gloria Alitto Majewski Reservoir, KWRP	J67783-044	\$ 600	\$ 400	348	Feb 2021
Railroad Track Improvements, SSA	20-907-21	2,800	1,948	660	Mar 2021
Furnish, Deliver, and Install HVAC Control Panels, SWRP	21-910-21	425	165	1,004	Apr 2021
HVAC System Replacement, Various Locations	21-611-21	8,300	166	1,187	Oct 2021
Rehabilitation of Locomotive No. 4, SSA	21-911-21	500	200	456	Oct 2021
Total 2021 Awards		\$ 12,625	\$ 2,879		
Cumulative Projects Under Construction and 2021 Awards		\$ 27,516	\$ 9,619		

**Note: All cost figures are in thousands of dollars.**



201 50000	Fund: Construction Department: Engineering	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
612240	Testing and Inspection Services	\$ 931,257	\$ 892,700	\$ 1,072,700	\$ 1,043,574	\$ 612,000	\$ 225,000	\$ 225,000
612400	Intergovernmental Agreements	68,500	2,065,000	2,065,000	2,065,000	65,000	3,065,500	3,065,500
612430	Payments for Professional Services	597,806	1,900,000	1,720,000	563,831	663,800	1,030,700	1,030,700
612440	Preliminary Engineering Reports and Studies	21,053	203,000	203,000	194,629	131,900	163,000	163,000
200	TOTAL CONTRACTUAL SERVICES	1,618,616	5,060,700	5,060,700	3,867,034	1,472,700	4,484,200	4,484,200
634600	Equipment for Collection Facilities	209,717	—	—	—	—	—	—
634620	Equipment for Waterway Facilities	100,837	—	—	—	—	—	—
634650	Equipment for Process Facilities	603,882	248,000	248,000	151,694	231,500	62,000	62,000
634760	Material Handling and Farming Equipment	646,651	—	—	—	—	—	—
634860	Vehicle Equipment	286,195	—	—	—	—	—	—
400	TOTAL MACHINERY AND EQUIPMENT	1,847,282	248,000	248,000	151,694	231,500	62,000	62,000
645600	Collection Facilities Structures	208,420	75,000	75,000	—	—	—	—
645650	Process Facilities Structures	363,465	973,000	973,000	415,000	365,000	50,000	50,000
645680	Buildings	2,481,870	2,522,000	2,522,000	1,117,355	1,197,400	500,000	500,000
645690	Capital Projects, N.O.C.	562,450	—	—	—	—	—	—
645700	Preservation of Collection Facility Structures	1,151,383	4,379,400	4,529,400	3,760,572	4,050,000	2,442,000	2,442,000
645720	Preservation of Waterway Facility Structures	75,000	—	—	—	—	—	—
645750	Preservation of Process Facility Structures	338,857	2,181,900	2,181,900	998,987	1,433,500	2,110,000	2,110,000
645780	Preservation of Buildings	802,111	1,655,000	1,018,100	840,741	860,800	1,507,300	1,507,300
645790	Preservation of Capital Projects, N.O.C.	16,016	949,400	1,436,300	902,893	503,300	2,947,700	2,947,700
500	TOTAL CAPITAL PROJECTS	5,999,573	12,735,700	12,735,700	8,035,548	8,410,000	9,557,000	9,557,000
TOTAL CONSTRUCTION FUND		\$ 9,465,471	\$ 18,044,400	\$ 18,044,400	\$ 12,054,276	\$ 10,114,200	\$ 14,103,200	\$ 14,103,200

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.

## Capital Improvements Bond Fund Program

### Awards in 2021

Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date
Chemical Addition Backup System, SWRP	19-159-3P	\$ 8,000	248	Jan 2021
Furnish, Deliver, and Install Coarse Screens, SWRP	20-903-31	6,000	1,081	Jan 2021
Six Access Shafts Infiltration Mitigation, MSPS	18-142-3H	2,269	311	Feb 2021
Upper Des Plaines Intercepting Sewer 14B Rehabilitation, NSA	06-360-3S	13,053	313	Mar 2021
Battery A Final Settling Tanks, Rehabilitation of Concrete and Road Replacement, SWRP	08-174-3D	7,700	323	Mar 2021
<b>Odor Control Systems at Two TARP Shafts and Decommissioning the Thornton Transitional Reservoir, CSA, Rebid</b>	<b>15-266-4H3</b>	20,000	702	Mar 2021
A/B and C/D Service Tunnel Rehabilitation - Phase III, SWRP	16-127-3D	17,000	1,048	Mar 2021
Furnish, Deliver, and Install Disc Filters, EWRP	18-702-31	6,700	187	Mar 2021
Furnish, Deliver, and Install Three Bar Screens, KWRP	18-703-31	2,000	771	Mar 2021
Furnish, Deliver, and Install Disc Filters and Other Improvements, HPWRP	20-701-31	3,600	903	Mar 2021
Furnish, Deliver and Install Replacement Gearboxes for SEPA(s) 2, 3, 4, & 5, CSA	20-801-31	1,600	658	Mar 2021
Sludge Pumping Improvements, Various Locations	21-603-31	4,000	1,025	Mar 2021
<b>McCook Reservoir Stage 2 Rock Wall Stabilization and Instrumentation, SWRP</b>	<b>17-131-4F</b>	17,268	1,231	Apr 2021
<b>TARP Mainstream Drop Shaft DS-M73E at Armitage Avenue, SSA</b>	<b>20-160-4H</b>	9,600	323	Apr 2021
Stickney Effluent Reuse Line, SSA	14-107-3S	800	193	May 2021
Rehabilitation of Steel Spandrel Beams of Pump and Blower House, OWRP	15-069-3D	10,000	903	May 2021
Roof Replacement of the Lue-Hing M&R Complex, SWRP	17-135-3V	6,500	493	May 2021
Utility Tunnel Cracks and Expansion Joints Rehabilitation, OWRP, KWRP, EWRP, HPWRP	17-843-3D	4,100	683	Jul 2021
Biogas Combined Heat and Power System, EWRP	20-415-3S	2,000	150	Jul 2021
Rehabilitation of North Branch Pumping Station & Other Miscellaneous Work, NSA, SSA	20-858-3D	5,700	225	Jul 2021
North Shore 1 Rehabilitation, NSA	10-047-3S	22,750	953	Oct 2021
Boilers 3, 4, 5 and MCC Replacement, SWRP	19-155-3M	13,000	673	Nov 2021
Replacement of Telemetry, Various Locations	20-861-3E	1,300	351	Nov 2021
Pumping Station Relief Sewers and Collection System Work, Various Locations	20-859-3S	7,500	253	Dec 2021
Total 2021 Awards		\$ 192,440		

**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
<b>Thornton Composite Reservoir Mining, Land, and Corp Costs, CSA</b>	<b>77-235-2F</b>	\$ 52,806	8,597	Jun 1998
<b>McCook Reservoir Stages 1 &amp; 2, SSA</b>	<b>73-161-2H</b>	134,702	8,172	May 1999
<b>McCook Reservoir Des Plaines Inflow Tunnel, SSA</b>	<b>13-106-4F</b>	107,868	1,952	Jun 2016
Furnish, Deliver, and Install Boiler Controls, SWRP	16-901-31	1,327	1,569	Sep 2017
North Branch Dam Removal and River Riparian Connectivity, NSA	16-IGA-22	2,500	1,796	Sep 2017
Installation of Shaftless Screw Conveyors for Aerated Grit Tanks, SWRP	17-902-31	2,595	1,138	Dec 2017
Rehabilitation of North Branch Pumping Station, NSA	16-079-3D	5,427	893	Aug 2018
Furnish and Install Odor Control System, CWRP, HPWRP, and KWRP	17-844-3P	4,198	715	Feb 2019
Replacement of Tailrace Stop Logs, Headrace Gates, and Equipment at Lockport Powerhouse, SSA	15-830-3D	12,154	1,109	Jun 2019
Odor Control Facilities at Sludge Concentration, Southwest Coarse Screen, Overhead Weir, and Post-Centrifuge Building, SWRP	17-134-3MR	16,512	699	Sep 2019
Digester Rehabilitation and Gas Piping Replacement, SWRP	17-140-3P	13,663	781	Nov 2019
Digester Sludge Heating System Upgrades and Boiler Removal, CWRP	18-277-3M	25,568	1,100	Dec 2019
Sidestream Enhanced Biological Phosphorus Removal Pilot Study, CWRP	18-248-3P	1,859	383	Jan 2020
Rehabilitation of Gravity Concentration Tank, CWRP	18-803-32	2,296	666	Mar 2020
Phosphorus Removal Liquid Facilities at the Fox River Water Reclamation District	18-IGA-36	7,148	489	Apr 2020
Installation of Mechanical Mixers, SWRP	19-157-3P	12,400	500	Oct 2020
Rehabilitation of TARP Pumps, MSPS	18-144-3M	20,509	1,487	Nov 2020
Central Boiler Facility and Electrical Updates, HPWRP	19-542-3M	14,000	653	Nov 2020
North Side Sludge Pipeline Replacement - Section 1, NSA	07-027-3S	16,365	923	Dec 2020
Total Projects Under Construction		\$ 453,897		

**Projects Under Development**

Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date
Chemical Phosphorus Removal Facility, CWRP	18-254-3P	\$ 14,000	253	Jan 2022
FST Effluent Conduit Rehab & UV Facility Upgrades, OWRP	19-084-3P	2,000	453	Jan 2022
39th Street Conduit Rehabilitation - Phase II, SSA	01-103-AS	24,700	690	Feb 2022
Gate Control Equipment Upgrade at TARP Control Structures, KWRP, NSA	06-358-3M	2,200	493	Feb 2022
Upper Des Plaines Intercepting Sewer 11D, Ext. C Rehabilitation, NSA	11-404-3S	5,500	403	Feb 2022
Fermentation and Ancillary Facilities for Biological Phosphorus Removal, CWRP	12-245-3P	31,000	482	Feb 2022
6th Street Construction and Utility Tunnel Rehabilitation and Various Roof Replacements, CWRP	19-257-3D	3,100	323	Feb 2022
Digester Rehabilitation and Gas Piping Replacement Phase II, SWRP	18-148-3P	11,500	683	Mar 2022
Furnish Deliver and Install Elevator Upgrades, NSA	21-701-31	3,450	600	Mar 2022
Lockport Turbine Generator Rehabilitation, SSA	21-601-31	1,600	336	Apr 2022
Rehabilitation of the Overhead Bridge Crane in the Discharge Valve Chamber, MSPS	21-901-31	1,100	514	May 2022
MCC Replacement at Upper DuPage Reservoir, NSA	19-543-3E	250	253	Jun 2022
TARP Control System Replacement, SSA, CSA, NSA	19-856-3E	25,000	353	Jun 2022
Salt Creek 3 Intercepting Sewer Rehabilitation, SSA	20-161-3S	7,250	844	Nov 2022
West Side Intercepting Sewer No. 2 Rehabilitation, SSA	20-162-3S	2,000	354	Dec 2022
Rehabilitation of Locomotive Terminal Building, SWRP	18-143-3D	2,750	533	Jan 2023
Rehabilitation of Pump and Blower House, CWRP	19-255-3D	4,000	503	Jan 2023
Low Voltage Pump & Blower Switchgear and Aerated Grit MCC Replacement, SWRP	19-156-3E	6,750	493	Feb 2023
Digester Rehabilitation and Gas Piping Replacement, CWRP	18-253-3P	15,000	783	Mar 2023
Upgrade Wilmette Lift Station, NSA	19-083-3P	1,500	323	Jun 2023
Phosphorus Removal, KWRP	19-375-3P	6,500	453	Jul 2023
Battery C Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-129-3D	3,000	513	Oct 2023
Lockport Powerhouse and Waterways Control System Replacement, SSA	19-855-3E	3,000	393	Oct 2023
Upper Des Plaines Intercepting Sewer 11D Rehabilitation, NSA	12-369-3S	5,500	403	Jan 2024
Battery B Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-128-3D	5,000	513	Jan 2024
Low Voltage Switchgear Replacement, MSPS	19-154-3E	9,000	453	Jan 2024
Digester Rehabilitation, HPWRP	19-541-3P	6,000	513	Jan 2024
Chemical Phosphorus Removal, OWRP	20-087-3P	14,000	705	Mar 2024
Battery D Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-130-3D	3,000	453	Oct 2024
Fermentation and Ancillary Facilities for Biological Phosphorous Removal Phase I, OWRP	20-085-3P	30,000	705	Dec 2024
Aeration Battery A Rehabilitation of Concrete, SWRP	20-164-3D	25,000	503	Dec 2024
Phosphorus Removal, EWRP	19-415-3P	30,000	453	Jan 2025
Digester Rehabilitation and Gas Piping Replacement Phase II, CWRP	19-256-3P	10,000	673	May 2025

**Projects Under Development (Continued)**

Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date
Additional Grit Removal Tank, Chemical Phosphorus Removal Facility, and Construction of New Plant Entrance, LWRP	19-717-3P	\$ 6,000	553	Jun 2025
Switchgear and MCC Replacement, CWRP	19-258-3E	23,000	635	Sep 2025
Plant Improvements, HPWRP	18-540-3P	20,000	683	Dec 2025
Aeration Battery B Rehabilitation of Concrete, SWRP	20-163-3D	25,000	705	May 2026
Fermentation and Ancillary Facilities for Biological Phosphorous Removal Phase II, OWRP	20-086-3P	30,000	355	Dec 2026
<b>McCook Reservoir Stage 2 Final Reservoir Prep, SSA</b>	<b>17-132-4F</b>	24,796	483	Aug 2028
Total Future Awards		\$ 443,446		
Cumulative 2021 and Future Awards		\$ 635,886		

Note: All cost figures are in thousands of dollars; inflation factor is 0 percent.

**Bold type indicates projects to be financed by "Unlimited Tax Bonds."**

401 50000	Fund: Capital Improvements Bond Department: Engineering	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation *	Adjusted Appropriation 09/30/20 **	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
612090	Reprographic Services	\$ —	\$ 10,000	\$ 20,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 10,000
612250	Court Reporting Services	6,699	31,000	42,865	37,302	14,400	31,000	31,000
612400	Intergovernmental Agreements	3,794,363	9,861,700	21,228,594	18,084,967	6,176,900	200,000	200,000
612430	Payments for Professional Services	367,025	85,000	1,546,266	1,461,266	809,800	83,600	83,600
612440	Preliminary Engineering Reports and Studies	—	250,000	250,000	—	—	250,000	250,000
612450	Professional Engineering Services for Construction Projects	2,081,205	9,274,400	11,079,189	3,207,976	3,790,800	3,538,000	6,538,000
612470	Personal Services for Post- Award Engineering for Construction Projects	1,498,021	—	4,788,594	4,788,594	993,700	—	—
612490	Contractual Services, N.O.C.	70,596	—	—	—	—	—	—
612780	Safety Repairs and Services	—	100,000	100,000	—	—	100,000	100,000
200	TOTAL CONTRACTUAL SERVICES	7,817,908	19,612,100	39,055,507	27,590,105	11,795,600	4,212,600	7,212,600
645600	Collection Facilities Structures	93,523	500,000	9,798,021	9,257,373	2,245,500	5,277,500	5,277,500
645620	Waterway Facilities Structures	38,364,708	39,188,200	105,459,551	66,343,179	7,715,500	52,347,500	56,547,500
645630	Army Corps of Engineers Services	4,205,923	18,131,400	42,565,413	24,410,234	8,774,600	18,131,400	18,131,400
645650	Process Facilities Structures	6,484,733	37,455,000	73,572,214	68,810,328	10,553,100	43,450,000	43,450,000
645680	Buildings	5,225,945	500,000	7,878,779	7,378,779	6,406,500	500,000	500,000
645690	Capital Projects, N.O.C.	922,662	—	96,239	96,239	96,200	—	—
645700	Preservation of Collection Facility Structures	4,432,394	48,504,600	51,978,343	30,969,228	877,100	49,995,700	52,378,200
645720	Preservation of Waterway Facility Structures	795,448	5,427,000	18,932,661	15,519,554	3,631,600	12,985,000	8,785,000
645750	Preservation of Process Facility Structures	749,967	56,161,600	99,441,025	60,784,950	10,000,000	32,740,000	32,740,000
645780	Preservation of Buildings	4,179,435	17,625,000	26,578,636	9,021,414	2,000,000	18,325,000	18,325,000
500	TOTAL CAPITAL PROJECTS	65,454,738	223,492,800	436,300,883	292,591,278	52,300,100	233,752,100	236,134,600
656010	Land	793,339	300,000	300,000	—	—	750,000	750,000
600	TOTAL LAND	793,339	300,000	300,000	—	—	750,000	750,000
667340	Payments for Easements	14,052	250,000	250,000	12,470	13,000	250,000	250,000
727102	Principal - Capital Lease	2,722,175	—	34,877,432	34,877,432	2,820,500	—	—
727112	Interest - Capital Lease	1,667,589	—	8,927,013	8,927,013	1,570,800	—	—

401 50000	Fund: Capital Improvements Bond Department: Engineering	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation *	Adjusted Appropriation 09/30/20 **	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
767300	Bond Issuance Costs	—	892,500	892,500	—	—	1,312,000	1,312,000
700	TOTAL FIXED AND OTHER CHARGES	4,403,817	1,142,500	44,946,945	43,816,915	4,404,300	1,562,000	1,562,000
TOTAL CAPITAL IMPROVEMENTS BOND FUND		\$ 78,469,802	\$ 244,547,400	\$ 520,603,334	\$ 363,998,298	\$ 68,500,000	\$240,276,700	\$ 245,659,200
<p>* The Capital Improvements Bond Fund is budgeted and accounted for on an obligation basis.</p> <p>** The appropriation in the Capital Improvements Bond Fund is adjusted to carry forward open value of contracts from the prior year.</p> <p>NOTES: 1. Amounts may not add up due to rounding.</p> <p>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.</p> <p>3. The Capital Improvements Bond Fund appropriation is controlled on the Summary Object level.</p>								

## Stormwater Management Fund Program

### Awards in 2021

Project Name	Project Number	Est. Construction Cost	2021 Appropriation	Duration (days)	Est. Award Date
Streambank Stabilization Project along Calumet Union Drainage Ditch, CSA	10-882-BF	\$ 2,476	\$ 2,401	1,260	Jan 2021
Demolition for the Addison Creek Channel Improvements, SSA	11-187-AF	505	505	186	Jan 2021
Stormwater Storage Areas in Niles, NSA	18-IGA-31	2,000	2,000	66	Jan 2021
Diversion Channel for Flood Control Project on Midlothian Creek in Robbins, CSA	14-253-AF	7,981	4,800	479	Feb 2021
South Homan Green Alley in Chicago, SSA	19-IGA-20	155	155	59	Feb 2021
Winchester Avenue Green Infrastructure Project in Calumet Park, CSA	18-IGA-02	360	360	89	Mar 2021
Lake Katherine Commuter Parking Lot in Palos Heights, CSA	18-IGA-14	184	184	89	Mar 2021
Wetland and Park Storage Projects in Winnetka, NSA	18-IGA-24	500	500	304	Mar 2021
Storm Sewers and Outfall in Forest View, SSA	18-IGA-28	1,000	1,000	179	Mar 2021
Storm Sewers and Outfall to Flagg Creek in Western Springs, SSA	18-IGA-32	753	753	179	Mar 2021
Green Streets Project in Ford Heights, CSA	19-IGA-12	357	357	59	Mar 2021
119th Place Bioswale and Permeable Alley in Blue Island, CSA	20-IGA-03	250	250	107	Mar 2021
Cottage Park Bioswales and Native Plantings in Burnham, CSA	20-IGA-05	50	50	80	Mar 2021
Metra Station Permeable Paver Parking Lot in Chicago Ridge, CSA	20-IGA-07	228	228	41	Mar 2021
Green Alleys Project in Harwood Heights, NSA	20-IGA-11	353	353	89	Mar 2021
Flood Control Project on 1st Avenue from Roosevelt Road to Cermak Road, SSA	14-111-5F	5,200	5,200	226	Apr 2021
Flood Control Project on Midlothian Creek in Robbins, CSA	14-253-5F	11,000	4,270	503	Apr 2021
Calumet River Gateway Garden in Chicago, CSA	20-IGA-06	539	539	106	Apr 2021
Forest Preserves Green Infrastructure Parking Lot Retrofit in Unincorporated Proviso Township, SSA	20-IGA-10	203	203	115	Apr 2021
Flood Control in the vicinity of 131st Street and Cypress Lane in Palos Heights, CSA	14-259-5F	134	134	209	May 2021
Permeable Parking Lot and Green Infrastructure Demonstration Project in Midlothian, CSA	18-IGA-12	84	84	89	May 2021
Barbara Vick Outdoor Classrooms in Chicago, CSA	19-IGA-03	100	100	59	May 2021
* Addison Creek Channel Improvements, SWRP	11-187-3F	21,350	1,323	683	Jun 2021
Flood Control Project in the Worth Woods Subdivision in Worth, CSA	14-256-5F	2,500	1,600	340	Jun 2021
Streambank Stabilization Project on Tinley Creek, CSA	19-IGA-22	3,806	695	1,387	Jul 2021
Public Library Green Parking Lot in Park Ridge, NSA	19-IGA-17	650	650	59	Aug 2021
Culvert Upsizing and Channel Improvements on Boca Rio Ditch in Oak Forest, CSA	18-IGA-26	519	519	133	Sep 2021
Total 2021 Awards		\$ 63,237	\$ 29,213		



**Projects Under Construction**

Project Name	Project Number	Est. Construction Cost	2021 Appropriation	Duration (days)	Award Date
Installation of Green Infrastructure at Chicago Public Schools, Various Locations	15-IGA-20	\$ 16,000	\$ 4,584	2,299	Sep 2016
* Construction of a Levee along Thorn Creek at Arquilla Park in Glenwood, CSA	15-IGA-14	387	387	2,145	Nov 2016
Flood Control Project on Natalie Creek in Oak Forest and Midlothian, CSA	14-252-5F	7,738	1,101	1,025	Sep 2018
Groveland Avenue Levee Improvements in Riverside, SSA	18-IGA-20	2,506	1,006	1,499	Dec 2018
Pilot Study for Investigating Technology to Address Basement Backups, CSA	16-IGA-20	400	400	918	Jun 2019
Streambank Stabilization Project along Midlothian Creek in Tinley Park, CSA	19-IGA-21	867	309	1,303	Mar 2020
Streambank Stabilization Project on Melvina Ditch in Oak Lawn and Chicago Ridge, CSA	13-248-5F	9,847	8,847	531	Apr 2020
Storm Sewers Connection to Existing Des Plaines River Outfall in Forest Park, SSA	18-IGA-21	1,955	978	304	Jun 2020
Expansion of Existing Detention Basin in Orland Park, CSA	18-IGA-33	558	58	223	Sep 2020
Public Works Facility Demonstration Rain Garden in Oak Park, SSA	19-IGA-11	20	20	269	Sep 2020
Permeable Parking and Bioswale at Liberty Green Annex in Berwyn, SSA	20-IGA-02	85	85	196	Sep 2020
Garfield Park Community Eco Orchard in Chicago, SSA	18-IGA-05	500	500	299	Oct 2020
Washington Street Green Infrastructure Parking Lot Improvements in Lansing, CSA	19-IGA-13	250	250	240	Oct 2020
Green Alley Improvements Project in Oak Park, SSA	19-IGA-14	475	475	239	Oct 2020
Addison Green Alley in Chicago, SSA	19-IGA-18	150	150	240	Oct 2020
Bioswale and Bike Path Replacement in Bartlett, NSA	20-IGA-01	125	50	240	Oct 2020
Green Alleys Water Management Project in Lyons, SSA	20-IGA-12	500	500	209	Oct 2020
Acquisition of Flood-Prone Properties in Des Plaines, Phase III, NSA	20-IGA-22	800	800	728	Oct 2020
Green Alley Program in Skokie, NSA	20-IGA-18	190	190	186	Nov 2020
Flood Control Project in the vicinity of 135th Street and Central Avenue in Crestwood, CSA	14-258-5F	9,300	9,300	302	Dec 2020
South Laflin Green Alley in Chicago, SSA	19-IGA-19	102	102	210	Dec 2020
Total Projects Under Construction		\$ 52,755	\$ 30,092		

**Projects Under Development**

Project Name	Project Number	Est. Construction Cost	2021 Appropriation	Duration (days)	Est. Award Date
Flood Control Project for Deer Creek, CSA	10-884-BF	\$ 6,500	\$ —	678	Jan 2022
Flood Control Project on Willow Road at McDonald Creek Tributary A in Prospect Heights, NSA	20-IGA-23	1,800	—	318	Jan 2022
Flood Control Project on Farmers Creek, NSA	12-056-AF	1,000	—	253	Mar 2022
Flood Control Project on Prairie Creek, NSA	12-056-BF	13,100	—	713	Mar 2022
Flood Control Project on the West Fork of the North Branch of the Chicago River, NSA	16-IGA-18	6,600	—	478	Apr 2022
Flood Control Project on Central Road from Des Plaines River to Greenwood Road, NSA	14-065-5F	12,000	—	662	Jul 2022
Flood Control Project for the Washington Street Area in Blue Island, CSA	14-260-5F	5,700	—	665	Jul 2022
Flood Control Project along Plainfield Road in Countryside, La Grange, McCook, and Lyons Township, SSA	14-112-5F	17,000	—	669	Aug 2022
Flood Control Project on Calumet-Sag Tributary C in Bremen Township and Midlothian, CSA	14-257-5F	3,600	—	305	Sep 2022
Total Future Awards		\$ 67,300			
Cumulative Projects Under Construction, 2021 Awards, and Future Awards		\$ 183,292			

\* 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 alternative bonds.

**Note: All cost figures are in thousands of dollars; inflation factor is 0 percent.**

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 2022-2025 not included in the detailed list of Projects Under Development presented above.

**2022-2025 Projects Under Development**

Projects	2022	2023	2024	2025	Total 2022-2025
Green Infrastructure Projects Intergovernmental Agreements	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 20,000
Local Stormwater Projects Intergovernmental Agreements	5,000	5,000	5,000	5,000	20,000
Flood-Prone Property Acquisitions	5,000	5,000	5,000	5,000	20,000
Future Stormwater Projects (projects currently under preliminary design)	—	5,000	5,000	20,000	30,000
Anticipated District Stormwater Projects from Master Planning	—	—	5,000	15,000	20,000
Total	\$ 15,000	\$ 20,000	\$ 25,000	\$ 50,000	\$ 110,000

**Note: All cost figures are in thousands of dollars; inflation factor is 0 percent.**

501 50000	Fund: Stormwater Management	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 8,430,531	\$ 9,408,400	\$ 9,408,400	\$ 6,454,697	\$ 8,760,900	\$ 10,049,400	\$ 10,049,400
601060	Compensation Plan Adjustments	368,729	420,700	420,700	185,345	260,500	436,300	436,300
601070	Social Security and Medicare Contributions	123,350	131,200	131,200	96,304	126,000	141,300	141,300
601080	Salaries of Nonbudgeted Employees	—	20,000	20,000	—	—	—	—
601100	Tuition and Training Payments	10,005	42,600	42,600	11,384	13,100	67,500	67,500
601250	Health and Life Insurance Premiums	770,025	878,900	878,900	468,923	700,000	914,000	914,000
601270	General Salary Adjustments	—	—	—	—	—	84,000	84,000
100	TOTAL PERSONAL SERVICES	9,702,640	10,901,800	10,901,800	7,216,653	9,860,500	11,692,500	11,692,500
612010	Travel	2,789	4,400	4,400	10	100	4,400	4,400
612030	Meals and Lodging	10,359	11,900	11,900	910	1,000	13,600	13,600
612040	Postage, Freight, and Delivery Charges	2,410	2,500	2,500	2,000	1,600	2,500	2,500
612050	Compensation for Personally-Owned Automobiles	12,903	24,800	24,800	3,437	7,800	19,800	19,800
612080	Motor Vehicle Operating Services	137	3,100	3,100	118	800	3,100	3,100
612250	Court Reporting Services	16,126	49,000	49,000	12,000	12,000	22,000	22,000
612280	Subscriptions and Membership Dues	—	—	15,000	2,200	15,000	20,700	20,700
612330	Rental Charges	1,448	2,500	2,500	2,500	2,500	53,000	53,000
612400	Intergovernmental Agreements	16,758,238	43,054,100	42,554,100	27,046,524	9,879,800	31,097,000	31,097,000
612430	Payments for Professional Services	515,761	635,000	1,035,000	976,653	800,000	591,000	591,000
612440	Preliminary Engineering Reports and Studies	1,415,905	14,348,200	14,348,200	4,495,302	1,000,000	6,724,000	6,724,000
612450	Professional Engineering Services for Construction Projects	1,839,484	14,209,600	14,209,600	3,795,367	1,500,000	6,554,600	6,970,600
612490	Contractual Services, N.O.C.	372,749	631,000	716,000	539,099	450,000	414,500	414,500
612520	Waste Material Disposal Charges	33,802	60,000	60,000	42,966	38,900	60,000	60,000
612620	Repairs to Waterway Facilities	2,472,936	2,519,500	2,519,500	2,519,425	2,519,400	2,970,000	2,970,000
612790	Repairs to Marine Equipment	—	—	—	—	—	66,500	66,500
612800	Repairs to Office Furniture and Equipment	—	—	—	—	—	4,700	4,700
612820	Computer Software Maintenance	140,000	—	—	—	—	—	—
612860	Repairs to Vehicle Equipment	—	2,000	2,000	—	—	4,500	4,500
612990	Repairs, N.O.C.	522	3,500	3,500	2,500	1,000	6,700	6,700
200	TOTAL CONTRACTUAL SERVICES	23,595,569	75,561,100	75,561,100	39,441,011	16,229,900	48,632,600	49,048,600

501 50000	Fund: Stormwater Management	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623130	Buildings, Grounds, Paving Materials, and Supplies	4,964	5,000	5,000	5,000	5,000	5,000	5,000
623520	Office, Printing, and Photographic Supplies, Equipment, and Furniture	6,936	13,500	13,500	6,366	6,700	15,500	15,500
623560	Processing Chemicals	1,526	5,000	5,000	5,000	1,500	5,000	5,000
623680	Tools and Supplies	7,364	11,500	11,500	6,216	7,400	11,500	11,500
623700	Wearing Apparel	6,567	8,500	8,500	6,500	6,600	8,500	8,500
623800	Computer Software	—	—	—	—	—	—	9,000
623820	Fuel	—	—	—	—	—	7,200	7,200
623990	Materials and Supplies, N.O.C.	47,441	60,400	60,400	56,692	4,500	60,400	60,400
300	TOTAL MATERIALS AND SUPPLIES	74,798	103,900	103,900	85,774	31,700	113,100	122,100
634620	Equipment for Waterway Facilities	—	—	—	—	—	135,000	135,000
634860	Vehicle Equipment	—	95,000	95,000	91,051	91,100	510,000	510,000
634990	Machinery and Equipment, N.O.C.	—	60,000	60,000	41,110	10,000	60,000	60,000
400	TOTAL MACHINERY AND EQUIPMENT	—	155,000	155,000	132,161	101,100	705,000	705,000
645620	Waterway Facilities Structures	7,028,103	16,410,700	17,072,700	16,702,383	15,607,800	32,278,500	31,853,500
645630	Army Corps of Engineers Services	1,659,772	—	50,000	49,999	50,000	—	—
645690	Capital Projects, N.O.C.	—	100,000	100,000	80,750	80,800	100,000	100,000
645720	Preservation of Waterway Facility Structures	1,590,808	7,225,500	6,513,500	5,790,140	4,000,000	12,004,200	12,004,200
500	TOTAL CAPITAL PROJECTS	10,278,683	23,736,200	23,736,200	22,623,272	19,738,600	44,382,700	43,957,700
656010	Land	637,402	2,650,000	2,650,000	1,365,666	3,000,000	2,640,000	2,640,000
600	TOTAL LAND	637,402	2,650,000	2,650,000	1,365,666	3,000,000	2,640,000	2,640,000
667340	Payments for Easements	164,369	3,150,000	3,150,000	149,308	174,500	1,800,000	1,800,000
700	TOTAL FIXED AND OTHER CHARGES	164,369	3,150,000	3,150,000	149,308	174,500	1,800,000	1,800,000
TOTAL STORMWATER MANAGEMENT FUND		\$ 44,453,461	\$ 116,258,000	\$ 116,258,000	\$ 71,013,845	\$ 49,136,300	\$109,965,900	\$ 109,965,900

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.

901	Fund: Reserve Claim	LINE ITEM ANALYSIS						
		2019	2020				2021	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/20	Expenditure (Committed Budget plus Disbursement) 09/30/20	Estimated Expenditure 12/31/20	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601090	Employee Claims	\$ 3,316,430	\$ 10,000,000	\$ 10,000,000	\$ 1,967,759	\$ 4,500,000	\$ 10,000,000	\$ 10,000,000
100	TOTAL PERSONAL SERVICES	3,316,430	10,000,000	10,000,000	1,967,759	4,500,000	10,000,000	10,000,000
667220	General Claims and Emergency Repair and Replacement Costs	1,230,298	24,395,000	24,395,000	103,021	500,000	29,624,900	29,624,900
700	TOTAL FIXED AND OTHER CHARGES	1,230,298	24,395,000	24,395,000	103,021	500,000	29,624,900	29,624,900
TOTAL RESERVE CLAIM FUND		\$ 4,546,728	\$ 34,395,000	\$ 34,395,000	\$ 2,070,780	\$ 5,000,000	\$ 39,624,900	\$ 39,624,900
NOTE: Amounts may not add up due to rounding.								

## PAGE REFERENCE GUIDE

The Tentative Budget Book is presented as a supplement to the Executive Director's Recommendations Budget Book. The following is a page reference guide that provides the corresponding pages between the two budget book versions. Pages that do not appear in the Executive Director's Recommendations Budget Book and are unique to the Tentative Budget Book are noted with "N/A".

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## 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** Egan Treatment Plant placed into operation.
- 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.
- 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.
- 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.
- 2000** District celebrated the 100th anniversary of the reversal of the Chicago River and completed a century of protecting Chicago's water environment; ASCE names Chicago Wastewater System one of only 10 worldwide civil engineering Monuments of the Millennium.
- 2003** Thornton Transitional Reservoir placed into operation.
- 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.
- 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.
- 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.





Claiming its spot as an economic, recreational and cultural asset for Chicago and the region, the Chicago River is an imprint of the work of the Metropolitan Water Reclamation District of Greater Chicago (MWRD) and evidence of the excellent water quality. The MWRD strives to protect the regional water environment and pursue a healthier waterway system for wildlife and future generations of residents and visitors to come.

Photo: A view of the Chicago skyline looking north from Ping Tom Memorial Park.

**Metropolitan Water Reclamation District of Greater Chicago**

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