

2020 BUDGET

Tentative Budget

The 2020 Executive Director's Recommendations
(previously printed) and Amendments Herein

November 19, 2019



Metropolitan Water Reclamation District of Greater Chicago



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**Metropolitan Water Reclamation District of Chicago
Illinois**

For the Fiscal Year Beginning

January 1, 2019

Christopher P. Morrill

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, 2019. 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

2020 Budget

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Executive Director

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Allison Fore

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John H. Sudduth

Director of Information Technology

Jacqueline Torres

Clerk/Director of Finance

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Shellie A. Riedle, Budget Officer

100 East Erie Street, Chicago, IL 60611-3154

www.mwrd.org

Board of Commissioners



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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

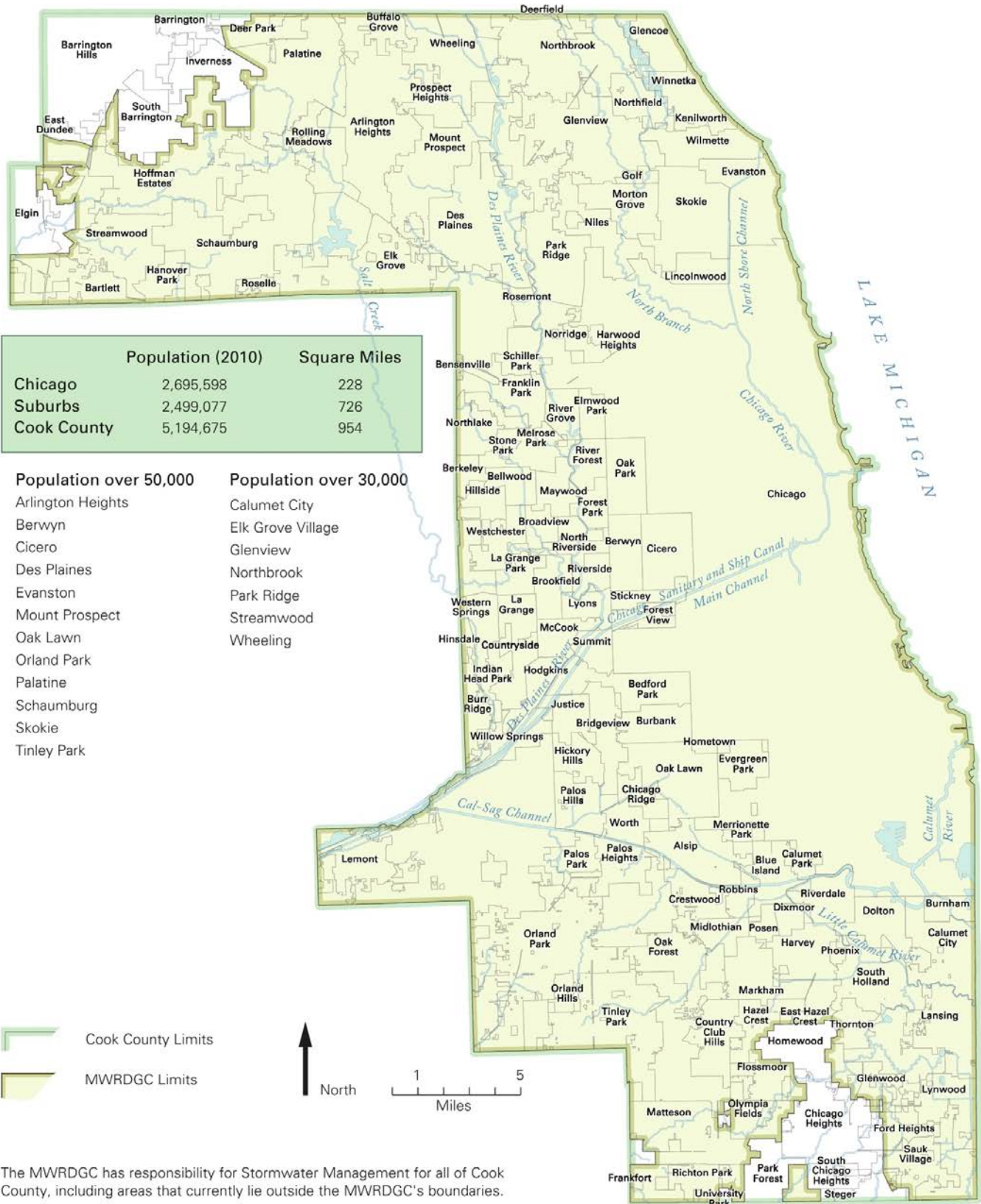
Kimberly Du Buclet

Commissioner

Cameron Davis

Commissioner

Cook County and Metropolitan Water Reclamation District of Greater Chicago



The 2020 Tentative Budget for the Metropolitan Water Reclamation District of Greater Chicago consists of the Executive Director’s Recommendations (previously published on October 15, 2019) and amendments approved by the Committee on Budget and Employment on November 7, 2019. 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 7, 2019 Committee on Budget and Employment meeting. All changes are highlighted.

TABLE OF CONTENTS

[Transmittal Letter, Chairman, Committee on Budget and Employment](#) [1](#)
[Major Budget Amendments Impacting the 2020 Tentative Budget](#) [5](#)
[Report of Committee on Budget and Employment](#) [6](#)
[Comparative Statement of Appropriations, Tax Levies, and Tax Rates](#) [8](#)
[Account and Personnel Summary Comparison \(Table\)](#) [10](#)
[All Funds Summary of Revenue, Expenditures, and Net Assets Appropriable, 2020-2018](#) [12](#)
[Summary of Revenues and Expenditures, 2020-2019](#) [13](#)
[Personal Property Replacement Taxes Receivable, 2020 and Prior Years, Including Estimate for 2020](#) [15](#)
[Corporate Fund Estimated Balance Sheet, 2020-2019](#) [16](#)
[Corporate Fund Appropriable Revenue, 2020-2017](#) [17](#)
[Capital Improvements Bond Fund Estimated Balance Sheet, 2020-2019](#) [18](#)
[Capital Improvements Bond Fund Appropriable Revenue, 2020-2017](#) [19](#)
[Construction Fund Estimated Balance Sheet, 2020-2019](#) [20](#)
[Reserve Claim Fund Appropriable Revenue, 2020-2017](#) [21](#)
[Corporate Fund Line Item Analysis and Position Analysis](#) [22](#)
 [Board of Commissioners](#) [26](#)
 [General Administration](#) [27](#)
 [Monitoring & Research](#) [29](#)
 [Procurement & Materials Management](#) [38](#)
 [Human Resources](#) [40](#)
 [Information Technology](#) [41](#)
 [Law](#) [46](#)
 [Finance](#) [47](#)
 [Maintenance & Operations - All Divisions:](#) [48](#)
 [General Division](#) [51](#)
 [North Service Area](#) [58](#)
 [Calumet Service Area](#) [66](#)
 [Stickney Service Area](#) [71](#)
 [Engineering](#) [73](#)
[Capital Budget](#) [74](#)
[Stormwater Management Fund](#) [85](#)
[Reserve Claim Fund](#) [93](#)
[Page Reference Guide](#) [94](#)

NOTE PAGE



Protecting Our Water Environment

Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET CHICAGO, ILLINOIS 60611-3154 312.751.5600

BOARD OF COMMISSIONERS

- Kari K. Steele
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- Cameron Davis
- Kimberly Du Buclet
- Marcelino Garcia
- Josina Morita
- Debra Shore
- Mariyana T. Spyropoulos

November 19, 2019

The Honorable Kari K. Steele
And Members of the Board of Commissioners
OFFICE

Honorable Ladies and Gentlemen:

The 2020 Budget, as presented by the Executive Director and revised by the Committee on Budget and Employment, includes the resources to allow the Metropolitan Water Reclamation District of Greater Chicago (District) to provide a quality water environment for our service area.

Committee Hearings

The Committee on Budget and Employment received the Executive Director's Recommendations on October 15, 2019. A hearing on these recommendations was conducted on November 7, 2019, when the Executive Director and his Executive Team presented 2019 accomplishments and initiatives included in the 2020 Budget. The Executive Director presented a financial summary of the 2020 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 56.5 percent.

The Corporate Fund Tentative Budget includes an increase of 2.5 percent and emphasizes consistent, effective maintenance of our facilities, while the Stormwater Management Fund recommendations include an increase of \$24.8 million over the 2019 appropriation to fund construction costs for both Green Infrastructure and major flood control projects. The District continues to implement new technologies that further our commitment to environmental protection. The 2020 Capital Improvement Program utilizes grants, State Revolving Fund loans, and general obligation and alternate revenue bonds, along with pay-as-you-go funding to maximize the value to the taxpayers.

The District serves 128 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 also controls 76.1 miles of navigable waterways, and owns and operates 34 stormwater detention reservoirs to provide regional flood protection.

Historic Buildings, Modern Facilities

During 2019, the District celebrated its 130th anniversary, recognizing past accomplishments and looking to the future. The Lockport Controlling Works was constructed in 1899, followed by the Lockport Powerhouse in 1907. The Controlling Works is located at the confluence of the Chicago Sanitary & Ship Canal and the Des Plaines River and enables the District to regulate water levels of the canal. The Powerhouse marks the southwestern extent of the District's management of the Chicago Area Waterway System (CAWS) and provides approximately 40 million kilowatt hours of hydroelectric power generation annually. In 2004, the National Park Service recognized the Lockport Powerhouse by listing it on the National Register of Historic Places. The 2020 budget includes \$10 million in projects that are currently underway to rehabilitate the Controlling Works and Powerhouse to ensure reliable operation into the future.



Lockport Powerhouse and Controlling Works. The Lockport Powerhouse generates approximately 40 million kilowatt hours of electrical energy annually, generating \$1.2 million in revenue for the District.

The Calumet Water Reclamation Plant (WRP) was placed into service in 1922, followed by the O'Brien WRP in 1928, and the Stickney WRP in 1939. Four smaller WRPs were built between 1961 and 1980. Within the historic sites, the District operates

modern water reclamation facilities with a tradition of operational excellence. In 2018, six of seven 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 99.71 percent or higher compliance since 2009.



In 2020, the District will begin a \$10 million rehabilitation of the steel spandrel beams in the pump and blower house at the O'Brien WRP.

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, protecting Lake Michigan, and meeting the goals of the Strategic Business Plan, *Recovering Resources, Transforming Water*. The 2020 Corporate Fund budget for the Maintenance & Operations Department includes an increase of 3.1 percent from the 2019 appropriation that will fund maintenance programs to ensure the plants are in peak operating condition.

Of the Capital Improvement Program's recommended \$231.5 million appropriation, 55.4 percent is dedicated to projects at the seven WRPs including a \$10 million rehabilitation of the steel spandrel beams at the O'Brien WRP pump and blower house, boiler replacements, digester rehabilitation, and gas piping replacements.

Stormwater Management

The District mitigates flooding and provides water quality benefits throughout Cook County through Stormwater Management programs. Changing weather patterns and intense bursts of precipitation can quickly overwhelm systems throughout the region. In 2019, the District updated the Watershed Management Ordinance (WMO). Among the changes made to the WMO, the District increased stormwater detention requirements based on the Illinois State Water Survey's Updated Bulletin 70 rainfall data, published in March 2019, which indicated that annual average rainfall across Illinois has increased by 11 percent over the past century.

Through flood-prone property acquisition, community partnerships, and cost sharing agreements for local stormwater projects, the District is leveraging tax dollars and investing in both Green Infrastructure projects and large capital projects. The District continues to partner with Chicago Public Schools, the Chicago Department of Water Management, Healthy Schools Campaign, and Openlands on the Space to Grow Program implementing Green Infrastructure into schoolyards and creating vibrant places to play and learn. In 2019, five new green schoolyards opened or will open by the end of the year. An additional six are planned to open in 2020. The District also helped build a rain garden with volunteers from around the world at Saucedo Scholastic Academy as part of the Water Environment Federation's Technical Exhibition and Conference (WEFTEC) held in Chicago from September 23-25, 2019.



WEFTEC volunteers from around the globe installing a rain garden at Saucedo Scholastic Academy in Chicago.

The 2020 Budget highlights the District's commitment to reduce flooding. The Stormwater Management Fund budget is increasing by \$24.8 million over the 2019 appropriation to further our investment in flood control projects and continue to support local stormwater issues. During 2019, construction began on the \$63.3 million Addison Creek Reservoir, partially funded by a \$5 million Community Development Block Grant - Disaster Recovery Program, a federally funded program through the U.S. Department of Housing and Urban Development. The Addison Creek Channel improvements will begin in 2020. Together these large-scale projects will reduce overbank flooding for approximately 2,200 structures.

The District will complete construction on two additional reservoir projects in 2019. Together with the Forest Preserve District of Cook County, the District is increasing flood storage at Arrowhead Lake and removing 70 structures from the flood plain in Palos Heights. The \$1.6 million project will bring needed relief for area residents and improve forest preserve amenities. The \$9.7 million Buffalo Creek Reservoir expansion increases the storage capacity by 58.6 million gallons and will protect 107 structures from flooding impacts, with additional benefits along Buffalo Creek and the main stem of the Des Plaines River.



Groundbreaking at Arrowhead Lake in Palos Heights on April 30, 2019. The project will bring needed flood relief and provide multi-use trails and other amenities for the Forest Preserves.

Tunnel and Reservoir Plan

The District began working on the Tunnel and Reservoir Plan (TARP) to meet water quality standards in the 375 square mile combined sewer service area in 1972. The tunnel system, which consists of 109.4 miles of tunnels ranging from eight feet to 33 feet in diameter with a storage capacity of 2.3 billion gallons, was completed in 2006. The second phase of TARP is a series of reservoirs that are primarily intended for flood control for the combined sewer area and to enhance pollution control benefits of the tunnel system. In 2018, the 3.5 billion gallon McCook Reservoir Stage 1 became operational. Construction on Stage 2 is scheduled to be completed in 2029, adding 6.5 billion gallons of storage. During 2019, with the support of the Army Corps of Engineers Chicago District and the Illinois congressional delegation, the District secured \$33.8 million in federal funding to help complete Stage 2.

The District received the lump sum payment as a result of a pilot program established under the Water Resources Development Act of 2014 that evaluates the cost-effectiveness and project delivery efficiency of allowing non-federal interests to carry out construction of projects for flood risk management.

The goal of TARP is to reduce combined sewer overflows; thereby, providing both pollution control and flood control. The system is accomplishing both goals. In its first year in operation in 2018, the McCook Reservoir Stage 1 was filled 39 times and captured 27.2 billion gallons of water that would have overwhelmed area combined sewer systems and flooded streets, homes, and communities. When completed, the McCook Reservoir is estimated to provide more than \$143 million annually in flood reduction benefits to 3.1 million people in Chicago and 36 suburban communities.

In the south suburbs, combined sewer overflows have been nearly eliminated since the 7.9 billion gallon Thornton Composite Reservoir was completed in 2015. Not only do the tunnels and reservoir systems protect from flood damage, findings from a District water quality monitoring study showed water quality improvements. Mean fecal coliform and total suspended solids concentrations decreased and dissolved oxygen concentrations increased significantly in the Calumet River System in 2017-2018. The preliminary results from a microbial health and composition study that the District is conducting with Argonne National Laboratory indicate signs of improvement in the Calumet River System since Thornton Composite Reservoir was completed and disinfection at the Calumet WRP commenced. The study, which began in 2013, released an interim report in 2019. The full study analyzing monthly water samples from 16 different sites throughout the CAWS will continue collecting data through 2019, before the final report is released.



The Thornton Composite Reservoir in December 2015, following the first time it took in water.

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. In May 2019, the District took an important

step in promoting transparency and efficiency by entering into an Intergovernmental Agreement with Cook County to allow the Office of the Independent Inspector General to provide services to the District. These accomplishments speak to the effective leadership of the agency.

The 2020 Budget and the Five-Year Financial Plan were developed to maintain budgetary fund balances 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 2015-2020 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 2020 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.

The District’s appropriation and tax levy for the 2020 Tentative Budget, compared to the 2019 Budget as Adjusted is:

	<u>2020</u>	<u>2019 Adjusted</u>	<u>Increase (Decrease)</u>	<u>Percent Change</u>
Total Tax Levy	\$ 652,646,487	\$ 643,374,010	\$ 9,272,477	1.4 %
Aggregate Levy	\$ 353,182,900	\$ 341,239,500	\$ 11,943,400	3.5 %
Appropriation	\$ 1,089,417,467	\$ 1,222,943,041	\$ (133,525,574)	(10.9)%

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 2020 aggregate levy is equal to the estimated CPI plus new property for 2020.

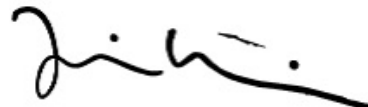
Conclusion

The 2020 Tentative Budget was prepared to incorporate the goals and strategies of the Strategic Business Plan, *Recovering Resources, Transforming Water*. The 2020 update to the plan is included in the 2020 Executive Director's Budget Recommendations. The 2020 Budget provides a plan to accomplish our goals and fulfill the District's mission of protecting the health and safety of the public, protecting and improving water quality, and providing flood protection.

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 2020 Tentative Budget

The 2020 Executive Director's Recommended Budget was presented to the Board of Commissioners on October 15, 2019 according to the budget process detailed on pages 32-34 of the 2020 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 \$2.1 million, or 0.19 percent, from the 2020 Executive Director's Recommendations of \$1.087 billion to \$1.089 billion due to increases in the Corporate, Construction, and Capital Improvements Bond Funds. No changes to the property tax levies or user fees were necessary to support these increases.

The Retirement Fund, Stormwater Management Fund, and Bond Redemption & Interest Fund are presented without modification from the 2020 Executive Director's Recommendations.

Revised budget pages present estimated balance sheets and appropriable revenue for the Corporate and Capital Improvements Bond Funds, estimated balance sheet for the Construction Fund, and the appropriable revenue for the Reserve Claim Fund.

	Appropriations				
	2020 Executive Director's Recommendations	2020 Tentative Budget	Increase (Decrease)	Percent Change	
Corporate Fund	\$ 386,697,700	\$ 386,972,700	\$ 275,000	0.07 %	
Construction Fund	15,343,400	17,044,400	1,701,000	11.09 %	
Retirement Fund	87,319,000	87,319,000	—	— %	
Reserve Claim Fund	34,395,000	34,395,000	—	— %	
Capital Improvements Bond Fund	214,306,200	214,406,500	100,300	0.05 %	
Stormwater Management Fund	116,258,000	116,258,000	—	— %	
Bond Redemption & Interest Fund	233,021,867	233,021,867	—	— %	
Total Budget	\$ 1,087,341,167	\$ 1,089,417,467	\$ 2,076,300	0.19 %	

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 2020. 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 million over the original year-end estimate. This increase allows the District to reduce a planned equity transfer of accumulated interest income from the Capital Improvements Bond Fund. The total appropriation request for the Corporate Fund increased by \$275,000, or 0.07 percent, from the 2020 Executive Director's Recommendations of \$386.7 million to \$387.0 million. The increase is due to the addition of funding for an Affirmative Action Disparity Study and the need to complete the installation of racking at a Stickney storeroom facility.

Construction Fund

The Construction Fund, which finances smaller construction projects on a pay-as-you-go basis, increased by \$1.7 million, or 11.09 percent, from the 2020 Executive Director's Recommendations of \$15.3 million to \$17.0 million. The increase is due primarily to the timing of project completion for an Intergovernmental Agreement with the DuPage River Salt Creek Workgroup and the roof restoration at the Lockport Powerhouse.

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 \$100,300, or 0.05 percent, from the 2020 Executive Director's Recommendations of \$214.3 million to \$214.4 million. The change in appropriation is due to changes in project schedules and cost estimates, offset by moving a streambank stabilization project on Tinley Creek to the Stormwater Management Fund.

CHICAGO, November 19, 2019

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, 2020 and ending December 31, 2020, as prepared and submitted by the Executive Director in the document entitled "2020 Budget - Executive Director's Recommendations - October 15, 2019," 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, 2020, 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, 2020 and ending December 31, 2020";

and

"An Ordinance for the Levy of Taxes for the fiscal year beginning January 1, 2020 and ending December 31, 2020, 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, 2020, 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, 2020 and ending December 31, 2020, 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, 2020, 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, 2020 and ending December 31, 2020, 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, 2020 and ending December 31, 2020, 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, 2020, 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, 2020 and ending December 31, 2020, 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, 2020, 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, 2020 and ending December 31, 2020”;

and

“An Ordinance for the Levy of Taxes for the fiscal year beginning January 1, 2020 and ending December 31, 2020 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, 2020, 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, 2020 and ending December 31, 2020, 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, 2020, 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, 2020 and ending December 31, 2020, 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, 2020 and ending December 31, 2020, 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, 2020, for the purpose of providing revenues for the Reserve Claim Fund”;

Approved as to Form and Legality:

Lisa A. Goldberg
Head Assistant Attorney

Sumant Morak
General Counsel

and

“An Ordinance for the Levy of Taxes for the fiscal year beginning January 1, 2020 and ending December 31, 2020, 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, 2020, 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 2020 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, 2020 and ending December 31, 2020;

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 2020 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, 2020 and ending December 31, 2020, shall be published once before January 20, 2020, 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,

M. Frank Anila

Chairman,
Committee on Budget and Employment

**COMPARATIVE STATEMENT OF APPROPRIATIONS AND TAX LEVIES
2020-2018 ALL FUNDS**

APPROPRIATIONS	2020 **	2019 AS PASSED	2019 AS ADJUSTED *	2018 ACTUAL
FUND				
Corporate Fund	\$ 386,972,700	\$ 377,612,500	\$ 377,612,500	\$ 370,209,200
Construction Fund	17,044,400	18,340,300	18,340,300	26,080,600
Capital Improvements Bond Fund ***	214,406,500	378,173,800	378,173,800	312,982,900
Stormwater Management Fund	116,258,000	91,410,100	91,410,100	65,581,000
Retirement Fund	87,319,000	87,281,000	87,281,000	89,604,000
Reserve Claim Fund	34,395,000	31,767,800	31,767,800	30,289,500
Bond Redemption & Interest Fund	233,021,867	238,357,541	238,357,541	256,304,187
TOTAL	\$ 1,089,417,467	\$ 1,222,943,041	\$ 1,222,943,041	\$ 1,151,051,387
LEVIES				
Corporate Fund	\$ 266,455,300	\$ 254,574,100	\$ 254,574,100	\$ 241,153,834
Construction Fund	7,000,000	7,600,000	7,600,000	11,700,000
Stormwater Management Fund	52,926,000	52,926,000	52,926,000	47,826,000
Retirement Fund	72,227,600	71,565,400	71,565,400	71,534,197
Reserve Claim Fund	7,500,000	7,500,000	7,500,000	6,000,000
Subtotal	\$ 406,108,900	\$ 394,165,500	\$ 394,165,500	\$ 378,214,031
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	20,865,901	18,950,616	18,950,616	28,911,238
2011 Unlimited Tax Series C	2,142,417	2,515,991	2,515,991	4,184,800
2014 Limited Tax Series C	7,434,975	8,286,788	8,286,788	6,763,472
2014 Unlimited Tax Series A	5,181,348	5,181,348	5,181,348	5,181,348
2014 Alternate Revenue Unlimited Tax Series B ****	3,390,570	3,391,037	3,391,037	3,390,570
2016 Alternate Revenue Unlimited Tax Series E ****	2,590,674	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	1,036,270	1,036,270	1,036,270	1,036,270
State Revolving Fund Bonds - Series: Various	98,657,072	99,555,205	100,145,406	86,551,302
State Revolving Fund Stormwater Abatement****				(170,984)
Refunding Bonds - Series:				
2007 Unlimited Tax Series A	26,727,980	26,694,301	26,694,301	26,623,057
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	13,989,638	15,895,337	15,895,337	15,130,830
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	\$ 246,537,587	\$ 248,618,309	\$ 249,208,510	\$ 238,732,075
TOTAL	\$ 652,646,487	\$ 642,783,809	\$ 643,374,010	\$ 616,946,106
Abatement after the budget year ****	(6,184,633)	(6,185,100)	(6,185,100)	
Total (after planned abatement)	\$ 646,461,854	\$ 636,598,709	\$ 637,188,910	

NOTES: * As Adjusted reflects the 2018 EAV (\$155,788,046,903) estimated to increase 3.0 percent, plus any subsequent supplemental levies or appropriations.
 ** 2020 reflects an estimated 3.0 percent increase in EAV from the 2019 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 2020-2018 ALL FUNDS

Per \$100 in Equalized Assessed Valuation (EAV)

FUND		2020 **	2019 AS PASSED	2019 AS ADJUSTED *	2018 ACTUAL
	tax rate limit				
Corporate Fund	41¢	16.12¢	16.22¢	15.87¢	15.48¢
Construction Fund	10¢	0.42	0.48	0.47	0.75
Stormwater Management Fund	5¢	3.20	3.37	3.30	3.07
Retirement Fund		4.37	4.56	4.46	4.59
Reserve Claim Fund	½ ¢	0.45	0.48	0.47	0.39
Subtotal		24.56¢	25.11¢	24.57¢	24.28¢
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		2.15	2.27	2.22	2.28
2011 Limited Tax Series B		1.26	1.21	1.18	1.86
2011 Unlimited Tax Series C		0.13	0.16	0.16	0.27
2014 Limited Tax Series C		0.45	0.53	0.52	0.43
2014 Unlimited Tax Series A		0.31	0.33	0.32	0.33
2014 Alternate Revenue Unlimited Tax Series B ***		0.21	0.22	0.21	0.22
2016 Alternate Revenue Unlimited Tax Series E ***		0.16	0.17	0.16	0.17
Alternate Revenue Abatement ***		—	—	—	(0.39)
2016 Unlimited Tax Series C		0.09	0.10	0.10	0.10
2016 Limited Tax Series D		0.06	0.07	0.06	0.07
State Revolving Fund Bonds - Series:					
Various		5.97	6.34	6.24	5.56
Refunding Bonds - Series:					
2007 Unlimited Tax Series A		1.62	1.70	1.66	1.71
2007 Unlimited Tax Series B		0.30	0.32	0.31	0.32
2007 Limited Tax Series C		0.34	0.35	0.35	0.36
2014 Limited Tax Series D		0.85	1.01	0.99	0.97
2016 Unlimited Tax Series A		0.88	0.93	0.91	0.93
2016 Limited Tax Series B		0.13	0.14	0.13	0.14
Subtotal Bond Redemption & Interest Fund		14.92¢	15.86¢	15.53¢	15.34¢
TOTAL		39.48¢	40.97¢	40.10¢	39.62¢

NOTES: * As Adjusted reflects the 2018 EAV (\$155,788,046,903) estimated to increase 3.0 percent, plus any subsequent supplemental levies or appropriations.

** 2020 reflects an estimated 3.0 percent increase in EAV from the 2019 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
2020 - 2019 ALL FUNDS**

ORGANIZATION OR FUND	Account Appropriation		Increase (Decrease) 2020-2019	
	2020	2019	Dollars	Percent
Board of Commissioners	\$ 5,242,200	\$ 5,256,000	\$ (13,800)	(0.3)
General Administration	21,505,200	18,713,800	2,791,400	14.9
Monitoring & Research	31,546,700	31,548,300	(1,600)	—
Procurement & Materials Management	9,884,700	9,821,100	63,600	0.6
Human Resources	61,329,200	60,229,600	1,099,600	1.8
Information Technology	18,353,500	18,592,700	(239,200)	(1.3)
Law	7,234,100	7,177,700	56,400	0.8
Finance	3,834,400	3,739,800	94,600	2.5
Maintenance & Operations:				
General Division	31,561,600	31,771,800	(210,200)	(0.7)
North Service Area	45,502,900	43,582,000	1,920,900	4.4
Calumet Service Area	38,960,500	36,727,200	2,233,300	6.1
Stickney Service Area	86,564,800	84,511,300	2,053,500	2.4
TOTAL Maintenance & Operations	\$ 202,589,800	\$ 196,592,300	\$ 5,997,500	3.1
Engineering	25,452,900	25,941,200	(488,300)	(1.9)
TOTAL Corporate Fund	\$ 386,972,700	\$ 377,612,500	\$ 9,360,200	2.5
Construction Fund	17,044,400	18,340,300	(1,295,900)	(7.1)
Capital Improvements Bond Fund	214,406,500	378,173,800	(163,767,300)	(43.3)
TOTAL Capital Budget	\$ 231,450,900	\$ 396,514,100	\$ (165,063,200)	(41.6)
Stormwater Management Fund	116,258,000	91,410,100	24,847,900	27.2
Bond Redemption & Interest Fund	233,021,867	238,357,541	(5,335,674)	(2.2)
Retirement Fund	87,319,000	87,281,000	38,000	—
Reserve Claim Fund	34,395,000	31,767,800	2,627,200	8.3
GRAND TOTAL	<u>\$1,089,417,467</u>	<u>\$1,222,943,041</u>	<u>\$ (133,525,574)</u>	<u>(10.9)</u>

**PERSONNEL SUMMARY COMPARISON
2020 - 2018 ALL FUNDS**

ORGANIZATION OR FUND	Proposed FTEs 2020	Budgeted FTEs 2019	Actual FTEs 2018	Increase (Decrease) 2020-2019	
				FTEs	Percent
Board of Commissioners	36	38	37	(2)	(5.3)
General Administration	121	119	120	2	1.7
Monitoring & Research	294	300	307	(6)	(2.0)
Procurement & Materials Management	63	63	61	—	—
Human Resources	92	93	79	(1)	(1.1)
Information Technology	70	71	69	(1)	(1.4)
Law	38	39	35	(1)	(2.6)
Finance	27	27	27	—	—
Maintenance & Operations:					
General Division	112	115	107	(3)	(2.6)
North Service Area	247	248	244	(1)	(0.4)
Calumet Service Area	188	188	185	—	—
Stickney Service Area	369	369	367	—	—
TOTAL Maintenance & Operations	916	920	903	(4)	(0.4)
Engineering	205	212	237	(7)	(3.3)
TOTAL Corporate Fund	1,862	1,882	1,875	(20)	(1.1)
Construction Fund	—	—	—	—	—
Capital Improvements Bond Fund	—	—	—	—	—
TOTAL Capital Budget	—	—	—	—	—
Stormwater Management Fund	91	85	57	6	7.1
Bond Redemption & Interest Fund	—	—	—	—	—
Retirement Fund	—	—	—	—	—
Reserve Claim Fund	—	—	—	—	—
GRAND TOTAL	1,953	1,967	1,932	(14)	(0.7)

ALL FUNDS

**SUMMARY OF REVENUE, EXPENDITURES, AND NET ASSETS APPROPRIABLE (b)
2020 BUDGETED, 2019 ESTIMATED, AND 2018 ACTUAL**

(In Thousands)

	FUND							TOTAL
	CORPORATE	CAPITAL IMPROVEMENTS BOND	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT (d)	BOND REDEMPTION & INTEREST (d)	RESERVE CLAIM (d)	
2020 BUDGETED								
Net Assets Appropriable	\$ 137,741.2	\$ (653,354.3)	\$ 9,924.4	\$ 68,559.6	\$ 87,319.0	\$ 225,460.3	\$ 33,695.0	\$ (90,654.8)
Net Assets Appropriated	\$ 32,827.7	\$ (653,354.3)	\$ 9,924.4	\$ 68,559.6	\$ 87,319.0	\$ 225,460.3	\$ 33,695.0	\$ (195,568.3)
Revenue	354,145.0	867,760.8	7,120.0	47,698.4	—	7,561.6	700.0	1,284,985.8
Appropriation	\$ 386,972.7	\$ 214,406.5	\$ 17,044.4	\$ 116,258.0	\$ 87,319.0	\$ 233,021.9	\$ 34,395.0	\$ 1,089,417.5
2019 ESTIMATED								
Beginning Net Assets Appropriable as adjusted (c)	\$ 131,481.8	\$ (636,126.1)	\$ 14,578.6	\$ 59,291.7	\$ 87,281.0	\$ 229,469.6	\$ 31,140.8	\$ (82,882.6)
Revenue (a)	354,945.3	68,684.0	7,647.0	52,009.5	—	8,887.9	680.4	492,854.1
Adjustment for 2018 receipts	6,988.3	—	(554.6)	434.7	—	—	—	6,868.4
Expenditures	(355,674.3)	(85,912.2)	(11,746.6)	(43,176.3)	(87,281.0)	(238,357.5)	(5,400.0)	(827,547.9)
Ending Net Assets Appropriable	\$ 137,741.2	\$ (653,354.3)	\$ 9,924.4	\$ 68,559.6	\$ —	\$ —	\$ 26,421.2	\$ (410,707.9)
2018 ACTUAL								
Beginning Net Assets Appropriable as adjusted (c)	\$ 140,974.1	\$ (615,827.5)	\$ 18,526.9	\$ 36,706.1	\$ 89,604.0	\$ 248,026.5	\$ 30,350.0	\$ (51,639.9)
Revenue	339,004.5	107,119.5	11,079.1	40,303.9	—	8,277.6	465.5	506,250.1
Expenditures	(348,496.7)	(127,418.2)	(15,027.4)	(17,718.3)	(89,604.0)	(256,304.2)	(5,497.1)	(860,065.9)
Ending Net Assets Appropriable	\$ 131,481.8	\$ (636,126.1)	\$ 14,578.6	\$ 59,291.7	\$ —	\$ —	\$ 25,318.4	\$ (405,455.6)
Adjusted NAA 1/1/2019	\$ 138,470.1		\$ 14,024.0	\$ 59,726.4				
Adjustment (a)	\$ 6,988.3		\$ (554.6)	\$ 434.7				

(a) Adjustment to NAA required due to current 2019 estimate on collection of property tax levies and PPRT. See the Balance Sheets and Appropriable Revenue statements 01/01/2019 for the Corporate (pages 87-88), Construction (pages 95-96), and Stormwater Management (pages 99-100) Funds. The adjustment is reflected in the 2019 revenues.

(b) This statement is a summary presentation of pages 76-78, 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
2020 BUDGETED
(In Thousands)

	FUND							TOTAL
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	
REVENUE								
Net Assets Appropriable	\$ 137,741.2	\$ (653,354.3)	\$ 9,924.4	\$ 68,559.6	\$ 87,319.0	\$ 225,460.3	\$ 33,695.0	\$ (90,654.8)
Budget Reserve	(104,913.5)	—	—	—	—	—	—	(104,913.5)
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)	—	774,388.8	—	—	—	—	—	774,388.8
Grants (Federal & State)	—	14,472.0	—	1,360.0	—	—	—	15,832.0
Investment Income	2,100.0	6,900.0	400.0	1,000.0	—	1,600.0	700.0	12,700.0
State Revolving Fund Loans	—	70,000.0	—	—	—	—	—	70,000.0
Property & Services	23,000.0	—	—	1,000.0	—	—	—	24,000.0
User Charge	43,000.0	—	—	—	—	—	—	43,000.0
TIF Differential Fee & Impact Fee	8,225.0	—	—	—	—	—	—	8,225.0
Equity Transfer	—	—	—	(5,961.6)	—	5,961.6	—	—
Resource Recovery	600.0	—	—	—	—	—	—	600.0
Miscellaneous	6,020.0	2,000.0	20.0	—	—	—	—	8,040.0
TOTAL REVENUE	\$ 386,972.7	\$ 214,406.5	\$ 17,044.4	\$ 116,258.0	\$ 87,319.0	\$ 233,021.9	\$ 34,395.0	\$ 1,089,417.5
EXPENDITURES								
Board of Commissioners	\$ 5,242.2	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 5,242.2
General Administration	21,505.2	—	—	—	—	—	—	21,505.2
Monitoring & Research	31,546.7	—	—	—	—	—	—	31,546.7
Procurement & Materials Mgmt.	9,884.7	—	—	—	—	—	—	9,884.7
Human Resources	61,329.2	—	—	—	—	—	—	61,329.2
Information Technology	18,353.5	—	—	—	—	—	—	18,353.5
Law	7,234.1	—	—	—	—	—	—	7,234.1
Finance	3,834.4	—	—	—	—	—	—	3,834.4
Engineering	25,452.9	214,406.5	17,044.4	—	—	—	—	256,903.8
Maintenance & Operations	202,589.8	—	—	—	—	—	—	202,589.8
Stormwater Management Fund	—	—	—	116,258.0	—	—	—	116,258.0
Retirement Fund	—	—	—	—	87,319.0	—	—	87,319.0
Bond Redemption & Interest Fund	—	—	—	—	—	233,021.9	—	233,021.9
Reserve Claim Fund	—	—	—	—	—	—	34,395.0	34,395.0
TOTAL EXPENDITURES	\$ 386,972.7	\$ 214,406.5	\$ 17,044.4	\$ 116,258.0	\$ 87,319.0	\$ 233,021.9	\$ 34,395.0	\$ 1,089,417.5

* 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
2019 ESTIMATED
(In Thousands)

	FUND							TOTAL
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	
REVENUE								
Net Assets Appropriable	\$ 131,481.8	\$ (636,126.1)	\$ 14,578.6	\$ 59,291.7	\$ 87,281.0	\$ 229,469.6	\$ 31,140.8	\$ (82,882.6)
Adjustment for Receipts	6,988.3	—	(554.6)	434.7	—	—	—	6,868.4
Net Property Taxes	245,664.0	—	7,334.0	51,073.6	—	—	—	304,071.6
Personal Property Replacement Tax	15,000.0	—	—	—	—	—	—	15,000.0
Working Cash Borrowings Adjustment	(4,564.0)	—	(134.0)	(773.6)	—	—	—	(5,471.6)
Bond Sales (Present & Future)	—	—	—	—	—	—	—	—
Grants (Federal & State)	—	14,177.0	—	5,316.4	—	—	—	19,493.4
Investment Income	3,337.0	6,707.0	427.0	1,265.0	—	3,116.0	680.4	15,532.4
State Revolving Fund Loans	—	50,000.0	—	—	—	—	—	50,000.0
Property & Services	26,073.3	—	—	900.0	—	—	—	26,973.3
User Charge	47,000.0	—	—	—	—	—	—	47,000.0
TIF Differential Fee & Impact Fee	10,650.0	—	—	—	—	—	—	10,650.0
Equity Transfer	4,200.0	(4,200.0)	—	(5,771.9)	—	5,771.9	—	—
Miscellaneous	7,585.0	2,000.0	20.0	—	—	—	—	9,605.0
TOTAL REVENUE	\$ 493,415.4	\$ (567,442.1)	\$ 21,671.0	\$ 111,735.9	\$ 87,281.0	\$ 238,357.5	\$ 31,821.2	\$ 416,839.9
EXPENDITURES								
Board of Commissioners	\$ 4,745.5	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,745.5
General Administration	17,083.9	—	—	—	—	—	—	17,083.9
Monitoring & Research	29,731.7	—	—	—	—	—	—	29,731.7
Procurement & Materials Mgmt.	9,241.2	—	—	—	—	—	—	9,241.2
Human Resources	56,310.8	—	—	—	—	—	—	56,310.8
Information Technology	15,156.6	—	—	—	—	—	—	15,156.6
Law	6,110.2	—	—	—	—	—	—	6,110.2
Finance	3,627.6	—	—	—	—	—	—	3,627.6
Engineering	24,073.9	85,912.2	11,746.6	—	—	—	—	121,732.7
Maintenance & Operations	189,592.9	—	—	—	—	—	—	189,592.9
Stormwater Management Fund	—	—	—	43,176.3	—	—	—	43,176.3
Retirement Fund	—	—	—	—	87,281.0	—	—	87,281.0
Bond Redemption & Interest Fund	—	—	—	—	—	238,357.5	—	238,357.5
Reserve Claim Fund	—	—	—	—	—	—	5,400.0	5,400.0
TOTAL EXPENDITURES	\$ 355,674.3	\$ 85,912.2	\$ 11,746.6	\$ 43,176.3	\$ 87,281.0	\$ 238,357.5	\$ 5,400.0	\$ 827,547.9

* 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.

**STATEMENT OF PERSONAL PROPERTY REPLACEMENT TAXES
RECEIVABLE FOR 2020 AND PRIOR YEARS AT JANUARY 1, 2020
INCLUDING THE ESTIMATED COLLECTIONS FOR THE YEAR 2020**

LEVY YEAR	FUND	BUDGETED RECEIVABLE	ACTUAL/ESTIMATED COLLECTED THROUGH 2019	CASH ESTIMATED IN 2020
2020	Corporate	\$ 19,000,000	\$ —	\$ —
	Retirement	18,427,400	—	—
	Construction	—	—	—
	Total	\$ 37,427,400	\$ —	\$ —
2019	Corporate	\$ 15,000,000	\$ —	\$ 15,000,000
	Retirement	18,258,400	—	18,258,400
	Construction	—	—	—
	Total	\$ 33,258,400	\$ —	\$ 33,258,400
2018	Corporate	\$ 19,849,500	\$ 26,759,100	\$ —
	Retirement	18,250,500	18,250,500	—
	Construction	—	—	—
	Total	\$ 38,100,000	\$ 45,009,600	\$ —
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	\$ —
2015	Corporate	\$ 23,101,600	\$ 23,435,980	\$ —
	Retirement	14,798,400	14,798,400	—
	Construction	—	—	—
	Total	\$ 37,900,000	\$ 38,234,380	\$ —

NOTE: Personal Property Replacement Taxes are recorded as collected against the prior year's tax estimate. For example, collections in 2019 will be recorded against the 2018 budgeted receivable.

**CORPORATE FUND
ESTIMATED BALANCE SHEET
JANUARY 1, 2020 AND 2019**

	ASSETS			
	2020		2019	
	AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
CURRENT ASSETS				
Cash & Investments	\$ 102,746,025	\$ 102,746,025	\$ 110,213,700	\$ 110,213,700
Taxes Receivable	245,664,007	246,790,827	232,049,497	232,815,081
Replacement Tax	15,000,000	15,000,000	15,849,500	15,849,500
Total Current Assets	\$ 363,410,032	\$ 364,536,852	\$ 358,112,697	\$ 358,878,281
LIABILITIES & FUND EQUITY				
CURRENT LIABILITIES				
Unpaid Bills:				
Accrued Salaries & Wages	\$ 3,820,000	\$ 3,820,000	\$ 3,685,000	\$ 3,685,000
Personal Services - Other	3,160,000	3,160,000	2,700,000	2,700,000
Payroll Withholding & Miscellaneous	2,100,000	2,100,000	2,000,000	2,000,000
Contractual Services	27,715,678	27,715,678	28,983,016	28,983,016
Due to Corporate Working Cash Fund	190,000,000	190,000,000	190,000,000	190,000,000
Total Current Liabilities	\$ 226,795,678	\$ 226,795,678	\$ 227,368,016	\$ 227,368,016
Total Liabilities		\$ 226,795,678		\$ 227,368,016
ASSETS APPROPRIABLE FOR 2020 & 2019				
Net Assets Appropriable		\$ 137,741,174		\$ 131,510,265
Budget Reserve		(104,913,474)		(99,393,765)
Net Assets Appropriated		\$ 32,827,700		\$ 32,116,500
Estimated Revenue		354,145,000		345,496,000
Total Assets Appropriable		\$ 386,972,700		\$ 377,612,500
FUND EQUITY				
Undesignated	\$ 136,614,354		\$ 130,744,681	
Total Fund Equity	\$ 136,614,354		\$ 130,744,681	
Total Liabilities & Fund Equity	\$ 363,410,032		\$ 358,112,697	

**CORPORATE FUND
APPROPRIABLE REVENUE
2020 - 2017**

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2020 BUDGET	2019 ADJUSTED	2019 BUDGET	2018	2017
Revenue from Property Taxes					
Gross Tax Levy	\$ 266,455,300	\$ 254,574,100	\$ 254,574,100	\$ 241,153,834	\$ 224,824,731
Less Allowance for Uncollectible Taxes	(9,325,936)	(8,910,093.5)	(8,910,093.5)	(8,440,384)	(7,868,866)
Net Property Taxes	\$ 257,129,364	\$ 245,664,007	\$ 245,664,007	\$ 232,713,450	\$ 216,955,865
Revenue from Personal Property					
Replacement Tax	\$ 19,000,000	\$ 15,000,000	\$ 15,000,000	\$ 19,849,500	\$ 18,164,000
Net Tax Sources	\$ 276,129,364	\$ 260,664,007	\$ 260,664,007	\$ 252,562,950	\$ 235,119,865
Adjustment to match working cash borrowings	(4,929,365)	(4,564,007)	(4,564,007)	(4,562,950)	(4,319,865)
Working Cash Financing at 95% of Gross Tax Sources	\$ 271,200,000	\$ 256,100,000	\$ 256,100,000	\$ 248,000,000	\$ 230,800,000
Investment Income	\$ 2,100,000	\$ 3,337,000	\$ 2,600,000	\$ 3,033,675	\$ 1,523,399
Land Rentals	23,000,000	23,000,000	21,500,000	23,036,179	20,628,245
Sewer Permit Fees	—	—	—	1,064,300	1,100,992
Sewer Service Agreement Revenue	1,750,000	2,900,000	1,500,000	1,448,371	2,286,078
User Charge	43,000,000	47,000,000	46,000,000	41,301,817	53,252,035
Resource Recovery	600,000	625,000	600,000	559,373	295,602
Lockport Electrical Energy Generation	1,200,000	1,200,000	1,200,000	1,386,344	1,323,132
Miscellaneous (details below)	11,295,000	16,583,329	11,796,000	15,639,376	15,620,329
Subtotal	\$ 82,945,000	\$ 94,645,329	\$ 85,196,000	\$ 87,469,435	\$ 96,029,812
Adjustment to Net Assets Available for Projected Receipts	—	6,988,325	—	(105,600)	7,254,500
Equity Transfer	—	4,200,000	4,200,000	4,200,000	6,000,000
GRAND TOTAL	\$ 354,145,000	\$ 361,933,654	\$ 345,496,000	\$ 339,563,835	\$ 340,084,312
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TIF Surplus Distribution	\$ 8,000,000	\$ 10,425,000	\$ 9,500,000	\$ 10,711,878	\$ 11,811,280
TIF Differential Fee	225,000	225,000	225,000	225,000	225,000
Land Sales	—	3,073,329	—	—	50,200
Claims & Damage Settlements	—	10,000	—	178,781	213,158
Scrap Sales	50,000	75,000	50,000	118,865	116,041
Sales of Automobiles	20,000	27,000	18,000	29,262	42,440
Interest on Taxes - Cook County Treasurer	—	48,000	3,000	34,321	10,265
Other	3,000,000	2,700,000	2,000,000	4,341,269	3,151,945
Total	\$ 11,295,000	\$ 16,583,329	\$ 11,796,000	\$ 15,639,376	\$ 15,620,329

**CAPITAL IMPROVEMENTS BOND FUND
ESTIMATED BALANCE SHEET
JANUARY 1, 2020 AND 2019**

	ASSETS			
	2020		2019	
	AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
CURRENT ASSETS				
Cash & Investments	\$ 251,316,000	\$ 251,316,000	\$ 232,000,000	\$ 232,000,000
Grants Receivable	14,472,000	14,472,000	1,000,000	1,000,000
State Revolving Fund Loans Receivable	70,000,000	70,000,000	120,000,000	120,000,000
Total Current Assets	\$ 335,788,000	\$ 335,788,000	\$ 353,000,000	\$ 353,000,000
LIABILITIES & FUND EQUITY				
CURRENT LIABILITIES				
Unpaid Bills:				
Contractual Services	\$ 53,000,000	\$ 53,000,000	\$ 74,000,000	\$ 74,000,000
Contracts Payable	936,142,338	936,142,338	888,357,685	888,357,685
Total Current Liabilities	\$ 989,142,338	\$ 989,142,338	\$ 962,357,685	\$ 962,357,685
Designated for Future Claims Liabilities	—	—	—	—
Total Liabilities	\$ 989,142,338	\$ 989,142,338	\$ 962,357,685	\$ 962,357,685
ASSETS APPROPRIABLE				
Net Assets Appropriable		\$ (653,354,338)		\$ (609,357,685)
Net Assets Appropriated		\$ (653,354,338)		\$ (609,357,685)
Estimated Revenue		867,760,838		987,531,485
Total Assets Appropriable		\$ 214,406,500		\$ 378,173,800
FUND EQUITY				
	\$ (653,354,338)		\$ (609,357,685)	
Total Liabilities & Fund Equity	\$ 335,788,000		\$ 353,000,000	

CAPITAL IMPROVEMENTS BOND FUND
APPROPRIABLE REVENUE
2020 - 2017

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2020 BUDGET	2019 ADJUSTED	2019 BUDGET	2018	2017
Revenue from Money & Property					
Bond Sales (Present & Future)	\$ 774,388,838	\$ —	\$ 850,664,185	\$ —	\$ —
Investment Income	6,900,000	6,707,000	7,800,000	5,647,153	3,938,820
Subtotal	\$ 781,288,838	\$ 6,707,000	\$ 858,464,185	\$ 5,647,153	\$ 3,938,820
Revenue from Miscellaneous Sources					
Federal & State Grants	\$ 14,472,000	\$ 14,177,000	\$ 11,267,300	\$ 15,304,009	\$ 16,137,198
State Revolving Fund Loans	70,000,000	50,000,000	120,000,000	87,614,400	168,986,700
Miscellaneous	2,000,000	2,000,000	2,000,000	2,753,981	2,179,586
Subtotal	\$ 86,472,000	\$ 66,177,000	\$ 133,267,300	\$ 105,672,391	\$ 187,303,484
Total Revenue	\$ 867,760,838	\$ 72,884,000	\$ 991,731,485	\$ 111,319,543	\$ 191,242,304
Other Financing Sources (Uses)					
Equity Transfer	\$ —	\$ (4,200,000)	\$ (4,200,000)	\$ (4,200,000)	\$ (13,000,000)
GRAND TOTAL	\$ 867,760,838	\$ 68,684,000	\$ 987,531,485	\$ 107,119,543	\$ 178,242,304

**CONSTRUCTION FUND
ESTIMATED BALANCE SHEET
JANUARY 1, 2020 AND 2019**

	ASSETS			
	2020		2019	
	AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
CURRENT ASSETS				
Cash & Investments	\$ 15,501,000	\$ 15,501,000	\$ 13,650,000	\$ 13,650,000
Taxes Receivable	7,334,000	7,262,400	11,290,500	11,322,000
Replacement Tax	—	—	—	—
Total Current Assets	\$ 22,835,000	\$ 22,763,400	\$ 24,940,500	\$ 24,972,000
LIABILITIES & FUND EQUITY				
CURRENT LIABILITIES				
Unpaid Bills:				
Contracts Payable	\$ 1,250,000	\$ 1,250,000	\$ 2,075,700	\$ 2,075,700
Contractual Services	489,000	489,000	276,000	276,000
Due to:				
Construction Working Cash Fund	11,100,000	11,100,000	12,000,000	12,000,000
Total Current Liabilities	\$ 12,839,000	\$ 12,839,000	\$ 14,351,700	\$ 14,351,700
Total Current Liabilities and Designations		\$ 12,839,000		\$ 14,351,700
ASSETS APPROPRIABLE FOR 2020 AND 2019				
Net Assets Appropriable		\$ 9,924,400		\$ 10,620,300
Net Assets Appropriated		\$ 9,924,400		\$ 10,620,300
Estimated Revenue		7,120,000		7,720,000
Total Assets Appropriable		\$ 17,044,400		\$ 18,340,300
FUND EQUITY				
Designated for Future Claims Liabilities	\$ —		\$ —	
Undesignated	9,996,000		10,588,800	
Total Fund Equity	\$ 9,996,000		\$ 10,588,800	
Total Liabilities & Fund Equity	\$ 22,835,000		\$ 24,940,500	

**RESERVE CLAIM FUND
ESTIMATED BALANCE SHEET
JANUARY 1, 2020 AND 2019**

	ASSETS			
	2020		2019	
	AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
CURRENT ASSETS				
Cash & Investments	\$ 26,700,000	\$ 26,700,000	\$ 25,724,293	\$ 25,724,293
Taxes Receivable	7,237,500	7,273,800	5,790,000	5,822,400
Total Current Assets	\$ 33,937,500	\$ 33,973,800	\$ 31,514,293	\$ 31,546,693
LIABILITIES & FUND EQUITY				
ACCOUNTS PAYABLE & OTHER LIABILITIES	\$ 278,800	\$ 278,800	\$ 378,893	\$ 378,893
ASSETS APPROPRIABLE FOR 2020 AND 2019				
Net Assets Appropriable		\$ 33,695,000		\$ 31,167,800
Equity Transfer to Bond and Interest Fund		—		—
Estimated Revenue		700,000		600,000
Total Assets Appropriable		\$ 34,395,000		\$ 31,767,800
FUND EQUITY	\$ 33,658,700		\$ 31,135,400	
Total Liabilities & Fund Equity	\$ 33,937,500		\$ 31,514,293	

**RESERVE CLAIM FUND
APPROPRIABLE REVENUE
2020 - 2017**

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2020 BUDGET	2019 ADJUSTED	2019 BUDGET	2018	2017
Revenue from Taxes					
Real Estate - Current	\$ 7,312,500	\$ 5,850,000	\$ 5,850,000	\$ 5,752,500	\$ 5,655,000
Real Estate - Prior	(38,700)	(27,600)	(27,600)	(21,784)	(28,177)
Replacement Tax	—	—	—	—	—
SUBTOTAL	\$ 7,273,800	\$ 5,822,400	\$ 5,822,400	\$ 5,730,716	\$ 5,626,823
Investment Income & Miscellaneous	700,000	680,352	600,000	465,514	309,988
GRAND TOTAL	\$ 7,973,800	\$ 6,502,752	\$ 6,422,400	\$ 6,196,230	\$ 5,936,811

Account Number	Account Name	LINE ITEM ANALYSIS						
		Fund: Corporate		Department: All				
		2018	2019			2020		
Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment		
601010	Salaries of Regular Employees	\$178,939,010	\$ 189,425,600	\$ 188,074,500	\$ 126,650,517	\$179,467,600	\$189,124,700	\$ 189,130,500
601060	Compensation Plan Adjustments	7,480,251	7,730,900	8,825,800	6,115,895	7,466,700	9,006,500	8,976,500
601070	Social Security and Medicare Contributions	2,633,667	2,853,500	2,853,500	1,947,285	2,660,300	2,900,500	2,900,500
601080	Salaries of Nonbudgeted Employees	—	5,300	136,400	73,922	147,900	5,300	5,300
601090	Employee Claims	64,171	60,000	110,000	64,974	96,000	100,000	94,100
601100	Tuition and Training Payments	830,198	1,243,400	1,243,500	684,431	1,040,500	1,391,800	1,375,700
601250	Health and Life Insurance Premiums	42,874,277	46,804,400	46,804,400	30,571,333	44,202,600	47,509,500	47,509,500
601270	General Salary Adjustments	—	—	—	—	—	2,390,800	2,390,800
601300	Personal Services, N.O.C.	578,201	788,000	788,000	411,105	721,800	977,000	977,000
100	TOTAL PERSONAL SERVICES	233,399,776	248,911,100	248,836,100	166,519,461	235,803,400	253,406,100	253,359,900
612010	Travel	73,124	111,700	109,000	46,536	83,500	107,600	107,100
612030	Meals and Lodging	194,098	200,700	206,900	128,427	179,300	223,900	223,400
612040	Postage, Freight, and Delivery Charges	110,292	122,900	122,900	96,925	121,000	119,800	119,800
612050	Compensation for Personally-Owned Automobiles	146,366	158,500	158,300	121,421	149,900	155,000	155,000
612080	Motor Vehicle Operating Services	64,782	65,000	65,400	59,193	50,700	65,400	65,400
612090	Reprographic Services	99,192	126,400	141,300	138,887	97,900	78,300	78,300
612150	Electrical Energy	39,114,277	36,770,400	36,770,400	24,700,652	39,456,400	38,686,900	38,686,900
612160	Natural Gas	3,131,449	2,970,200	2,970,200	1,837,988	2,878,000	3,416,200	3,416,200
612170	Water and Water Services	2,045,898	2,120,200	2,120,200	1,467,814	1,986,900	2,195,300	2,195,300
612210	Communication Services	2,030,846	1,578,200	1,664,800	1,629,297	1,571,900	1,531,800	1,531,800
612240	Testing and Inspection Services	189,320	166,700	163,700	137,260	119,900	240,500	240,500
612250	Court Reporting Services	68,591	88,500	91,000	86,021	80,800	91,000	91,000
612260	Medical Services	90,437	121,100	121,100	106,600	109,900	127,600	127,600
612280	Subscriptions and Membership Dues	836,166	961,200	936,200	769,430	931,700	993,300	993,300
612290	Insurance Premiums	2,776,920	3,471,100	3,468,600	1,528,989	3,464,900	3,463,400	3,463,400
612330	Rental Charges	482,499	753,300	717,400	662,093	620,300	690,600	357,600
612340	Discount Lost	1,559	3,000	3,000	1,721	3,000	3,000	3,000
612360	Advertising	92,503	133,000	134,800	102,574	125,000	145,000	145,000
612370	Administration Building Operation	1,145,339	1,313,200	1,382,200	1,381,767	1,105,400	1,314,700	1,314,700
612390	Administration Building McMillan Pavilion Operation	691,856	782,900	828,900	828,775	631,700	782,900	782,900
612400	Intergovernmental Agreements	—	49,600	49,600	49,547	49,600	49,600	49,600
612410	Governmental Service Charges	3,780,003	3,667,100	3,667,100	2,967,681	3,664,200	3,921,200	3,921,200

Account Number	Account Name	LINE ITEM ANALYSIS						
		Fund: Corporate		Department: All				
		2018	2019			2020		
Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment		
612420	Maintenance of Grounds and Pavements	809,111	1,430,900	630,100	543,675	611,100	1,432,900	1,375,800
612430	Payments for Professional Services	3,028,204	4,950,100	4,475,800	3,658,114	3,205,300	5,303,800	5,827,100
612490	Contractual Services, N.O.C.	1,035,071	1,588,000	1,409,300	1,322,538	1,234,500	1,457,100	1,448,100
612520	Waste Material Disposal Charges	9,664,769	10,823,400	11,454,100	11,433,872	9,831,300	10,745,600	10,745,600
612530	Farming Services	20,000	24,000	18,200	18,200	18,200	60,000	60,000
612590	Sludge Disposal	3,785,843	4,100,000	4,100,000	4,100,000	3,700,000	4,100,000	4,100,000
612600	Repairs to Collection Facilities	2,974,998	3,486,100	3,783,900	3,763,343	3,653,700	3,380,500	3,847,800
612620	Repairs to Waterway Facilities	82,678	119,000	113,000	112,715	112,800	120,300	120,300
612650	Repairs to Process Facilities	5,330,334	5,982,800	6,402,800	6,363,984	5,819,300	9,946,100	9,580,300
612670	Repairs to Railroads	312,917	266,900	417,600	302,749	216,000	396,700	396,700
612680	Repairs to Buildings	737,631	1,589,700	1,630,800	1,125,769	1,393,900	1,470,900	1,470,900
612760	Repairs to Material Handling and Farming Equipment	328,799	315,900	315,900	296,422	293,400	310,200	310,200
612780	Safety Repairs and Services	309,763	442,000	502,000	495,936	444,000	446,100	446,100
612790	Repairs to Marine Equipment	96,375	89,000	89,000	88,301	86,400	100,100	100,100
612800	Repairs to Office Furniture and Equipment	101,516	54,500	80,800	73,799	65,700	67,400	67,400
612810	Computer Equipment Maintenance	182,898	340,100	340,100	117,664	174,700	247,500	318,500
612820	Computer Software Maintenance	4,133,437	4,341,200	4,342,100	3,780,973	3,324,000	4,251,800	4,290,800
612840	Communications Equipment Maintenance (Includes Software)	758,251	802,000	752,000	664,550	502,600	699,800	699,800
612860	Repairs to Vehicle Equipment	545,037	588,200	600,800	589,892	493,600	569,500	569,500
612970	Repairs to Testing and Laboratory Equipment	320,241	396,800	396,800	388,062	385,400	339,100	339,100
612990	Repairs, N.O.C.	12,581	38,000	38,000	28,348	31,700	36,300	36,300
200	TOTAL CONTRACTUAL SERVICES	91,735,969	97,503,500	97,786,100	78,118,502	93,079,500	103,884,700	104,219,400
623030	Metals	114,214	134,800	174,800	141,157	165,100	126,100	126,100
623070	Electrical Parts and Supplies	2,726,383	3,006,400	3,156,400	2,926,975	2,946,400	2,849,900	2,701,400
623090	Plumbing Accessories and Supplies	1,002,911	1,178,800	1,147,000	1,003,371	1,073,700	1,123,400	1,123,400
623110	Hardware	97,919	104,100	104,100	96,059	94,000	108,300	108,300
623130	Buildings, Grounds, Paving Materials, and Supplies	441,706	502,400	421,400	276,862	317,900	425,900	425,900
623170	Fiber, Paper, and Insulation Materials	46,502	53,800	63,800	63,650	61,200	76,300	76,300
623190	Paints, Solvents, and Related Materials	54,933	64,300	64,300	47,128	51,300	56,900	56,900
623250	Vehicle Parts and Supplies	165,069	178,400	200,200	198,594	166,000	180,300	180,300
623270	Mechanical Repair Parts	3,611,738	3,849,100	4,107,900	3,618,606	3,475,900	4,099,800	4,099,800

101 11000 - 69000	Fund: Corporate Department: All	LINE ITEM ANALYSIS						
		2018	2019				2020	
		Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623300	Manhole Materials	6,045	25,000	25,000	23,743	23,000	5,000	5,000
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	310,312	360,300	373,400	316,692	333,000	370,900	366,700
623530	Farming Supplies	29,382	32,000	27,000	18,466	18,900	19,000	19,000
623560	Processing Chemicals	9,573,111	12,445,500	11,627,100	11,377,817	9,927,700	11,087,300	11,087,300
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	1,009,414	1,068,600	1,050,200	989,148	1,049,000	1,036,000	1,039,200
623660	Cleaning Supplies	259,639	269,400	269,400	252,573	247,800	269,500	269,500
623680	Tools and Supplies	299,873	355,600	374,300	359,803	345,600	333,900	333,900
623700	Wearing Apparel	191,558	245,100	245,100	187,616	214,900	223,000	223,000
623720	Books, Maps, and Charts	17,978	20,100	21,400	15,710	17,600	20,400	20,400
623780	Safety and Medical Supplies	268,514	279,500	279,500	230,695	269,800	357,600	357,600
623800	Computer Software	139,890	138,800	157,200	76,456	82,600	477,000	477,000
623810	Computer Supplies	495,260	766,700	786,700	744,150	645,000	750,200	896,700
623820	Fuel	556,357	631,000	631,000	501,814	516,000	685,100	685,100
623840	Gases	64,181	85,700	85,700	81,875	74,500	84,700	84,700
623850	Communications Supplies	128,238	203,700	256,700	234,848	166,100	324,200	324,200
623860	Lubricants	164,728	234,100	235,700	207,833	217,600	208,600	208,600
623990	Materials and Supplies, N.O.C.	265,558	285,700	281,200	202,152	209,100	241,600	240,600
300	TOTAL MATERIALS AND SUPPLIES	22,041,412	26,518,900	26,166,500	24,193,792	22,709,700	25,540,900	25,536,900
634600	Equipment for Collection Facilities	44,118	60,000	51,700	50,476	50,500	40,000	40,000
634650	Equipment for Process Facilities	175,621	176,700	285,400	279,533	168,500	274,000	274,000
634670	Railroad Equipment	—	—	20,800	20,779	20,800	—	—
634760	Material Handling and Farming Equipment	11,627	467,200	404,000	373,612	378,000	44,500	44,500
634790	Marine Equipment	—	80,000	80,000	78,500	78,500	—	—
634810	Computer Equipment	5,680	202,000	145,100	145,066	144,400	200,000	115,500
634820	Computer Software	14,200	207,000	307,000	97,000	129,200	727,000	727,000
634840	Communications Equipment (Includes Software)	14,680	—	—	—	—	24,000	24,000
634860	Vehicle Equipment	—	2,099,000	2,092,000	1,956,751	1,868,600	1,411,000	1,411,000
634970	Testing and Laboratory Equipment	359,420	384,300	494,300	490,402	419,600	53,000	53,000
634990	Machinery and Equipment, N.O.C.	11,225	130,800	139,500	44,219	38,600	337,500	337,500
400	TOTAL MACHINERY AND EQUIPMENT	636,571	3,807,000	4,019,800	3,536,338	3,296,700	3,111,000	3,026,500
645680	Buildings	—	117,000	109,000	98,500	102,000	—	75,000
500	TOTAL CAPITAL PROJECTS	—	117,000	109,000	98,500	102,000	—	75,000

101 11000 - 69000	Fund: Corporate Department: All	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
667130	Taxes on Real Estate	683,013	755,000	695,000	682,846	683,000	755,000	755,000
700	TOTAL FIXED AND OTHER CHARGES	683,013	755,000	695,000	682,846	683,000	755,000	755,000
TOTAL CORPORATE FUND		\$348,496,742	\$ 377,612,500	\$ 377,612,500	\$ 273,149,440	\$355,674,300	\$386,697,700	\$ 386,972,700

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 11000	Fund: Corporate Department: Board of Commissioners	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 3,426,857	\$ 3,712,400	\$ 3,712,400	\$ 2,447,468	\$ 3,463,800	\$ 3,577,400	\$ 3,577,400
601060	Compensation Plan Adjustments	35,748	54,900	54,900	5,967	20,000	47,300	47,300
601070	Social Security and Medicare Contributions	78,550	86,700	86,700	53,891	74,600	88,000	88,000
601100	Tuition and Training Payments	11,337	20,100	20,100	13,305	19,000	19,900	19,900
601300	Personal Services, N.O.C.	327,365	428,000	428,000	232,875	361,800	517,000	517,000
100	TOTAL PERSONAL SERVICES	3,879,857	4,302,100	4,302,100	2,753,505	3,939,200	4,249,600	4,249,600
612010	Travel	11,274	19,700	19,700	3,714	16,000	26,000	26,000
612030	Meals and Lodging	16,321	21,700	21,700	12,150	19,000	32,500	32,500
612280	Subscriptions and Membership Dues	19,260	27,700	27,700	27,700	27,700	27,700	27,700
612430	Payments for Professional Services	218,364	858,800	858,700	846,008	725,000	890,100	890,100
612490	Contractual Services, N.O.C.	435	500	600	560	600	800	800
200	TOTAL CONTRACTUAL SERVICES	265,653	928,400	928,400	890,132	788,300	977,100	977,100
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	2,859	25,500	25,500	4,637	18,000	15,500	15,500
300	TOTAL MATERIALS AND SUPPLIES	2,859	25,500	25,500	4,637	18,000	15,500	15,500
TOTAL BOARD OF COMMISSIONERS		\$ 4,148,369	\$ 5,256,000	\$ 5,256,000	\$ 3,648,274	\$ 4,745,500	\$ 5,242,200	\$ 5,242,200

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 15000	Fund: Corporate Department: General Administration	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 10,426,621	\$ 11,019,100	\$ 11,019,100	\$ 7,516,882	\$ 10,620,000	\$ 11,351,400	\$ 11,351,400
601060	Compensation Plan Adjustments	634,874	666,700	666,700	499,163	637,300	774,200	774,200
601070	Social Security and Medicare Contributions	154,919	162,100	162,100	115,767	158,600	165,000	165,000
601100	Tuition and Training Payments	14,549	33,000	33,000	18,043	18,200	44,500	44,500
601270	General Salary Adjustments	—	—	—	—	—	2,390,800	2,390,800
100	TOTAL PERSONAL SERVICES	11,230,963	11,880,900	11,880,900	8,149,853	11,434,100	14,725,900	14,725,900
612010	Travel	5,427	10,000	10,000	6,492	7,500	9,000	9,000
612030	Meals and Lodging	12,944	17,200	17,200	11,812	12,000	18,100	18,100
612040	Postage, Freight, and Delivery Charges	101,342	109,700	109,700	84,640	109,600	109,700	109,700
612050	Compensation for Personally-Owned Automobiles	3,515	3,700	3,700	3,521	5,500	4,100	4,100
612080	Motor Vehicle Operating Services	63,757	62,700	62,700	58,351	48,900	63,100	63,100
612090	Reprographic Services	93,298	103,400	118,300	117,559	91,000	55,300	55,300
612150	Electrical Energy	325,538	325,200	325,200	193,609	318,300	325,200	325,200
612160	Natural Gas	26,981	24,900	24,900	14,793	21,200	24,900	24,900
612170	Water and Water Services	6,142	6,500	6,500	4,551	6,400	6,500	6,500
612210	Communication Services	3,000	3,000	3,000	1,500	1,500	—	—
612280	Subscriptions and Membership Dues	816,906	933,500	908,500	741,730	904,000	965,600	965,600
612330	Rental Charges	8,353	93,500	93,500	57,413	57,600	71,000	71,000
612360	Advertising	9,938	13,000	13,000	1,750	12,500	15,000	15,000
612370	Administration Building Operation	1,145,339	1,313,200	1,382,200	1,381,767	1,105,400	1,314,700	1,314,700
612390	Administration Building McMillan Pavilion Operation	691,856	782,900	828,900	828,775	631,700	782,900	782,900
612430	Payments for Professional Services	378,805	324,000	256,800	256,776	250,100	324,000	524,000
612490	Contractual Services, N.O.C.	283,186	331,800	331,800	315,357	282,300	337,000	337,000
612680	Repairs to Buildings	2,800	566,300	502,300	6,000	425,000	77,400	77,400
612800	Repairs to Office Furniture and Equipment	95,017	47,900	74,200	72,599	59,200	60,800	60,800
612840	Communications Equipment Maintenance (Includes Software)	31,239	22,800	22,800	22,784	21,100	22,800	22,800
612860	Repairs to Vehicle Equipment	382,318	440,500	440,500	429,770	355,100	417,000	417,000
200	TOTAL CONTRACTUAL SERVICES	4,487,699	5,535,700	5,535,700	4,611,550	4,725,900	5,004,100	5,204,100
623070	Electrical Parts and Supplies	4,344	8,600	8,600	7,600	7,800	8,600	8,600
623090	Plumbing Accessories and Supplies	19,249	8,500	8,500	7,000	7,900	8,500	8,500
623110	Hardware	14,400	16,000	16,000	15,219	13,900	16,000	16,000

101 15000	Fund: Corporate Department: General Administration	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623130	Buildings, Grounds, Paving Materials, and Supplies	933	—	—	—	—	—	—
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	102,407	136,600	136,600	126,840	121,100	155,100	155,100
623660	Cleaning Supplies	967	1,300	1,300	1,000	1,200	1,300	1,300
623700	Wearing Apparel	27,845	53,400	53,400	44,687	41,800	37,500	37,500
623720	Books, Maps, and Charts	44	1,000	1,000	263	900	1,000	1,000
623850	Communications Supplies	—	25,000	25,000	21,861	25,000	150,000	150,000
623990	Materials and Supplies, N.O.C.	32,165	52,000	52,000	23,166	27,000	47,200	47,200
300	TOTAL MATERIALS AND SUPPLIES	202,355	302,400	302,400	247,636	246,600	425,200	425,200
634860	Vehicle Equipment	—	900,000	900,000	764,992	677,300	900,000	900,000
634990	Machinery and Equipment, N.O.C.	—	94,800	94,800	—	—	250,000	250,000
400	TOTAL MACHINERY AND EQUIPMENT	—	994,800	994,800	764,992	677,300	1,150,000	1,150,000
TOTAL GENERAL ADMINISTRATION		\$ 15,921,017	\$ 18,713,800	\$ 18,713,800	\$ 13,774,031	\$ 17,083,900	\$ 21,305,200	\$ 21,505,200

NOTES: 1. Amounts may not add up due to rounding.
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 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.

Account Number	Account Name	LINE ITEM ANALYSIS						
		Fund: Corporate		2019			2020	
		2018	2019	2019	2019	2019	2020	2020
101 16000	Department: Monitoring & Research	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 26,765,317	\$ 28,311,400	\$ 28,256,300	\$ 18,987,443	\$ 26,802,100	\$ 28,171,700	\$ 28,171,700
601060	Compensation Plan Adjustments	944,953	819,500	819,500	309,737	639,700	823,900	823,900
601070	Social Security and Medicare Contributions	375,280	411,500	411,500	279,181	382,000	425,900	425,900
601080	Salaries of Nonbudgeted Employees	—	—	55,100	55,082	55,100	—	—
601100	Tuition and Training Payments	47,193	77,700	77,700	58,776	75,000	27,800	27,800
100	TOTAL PERSONAL SERVICES	28,132,743	29,620,100	29,620,100	19,690,219	27,953,900	29,449,300	29,449,300
612010	Travel	16,338	18,000	18,300	13,860	16,000	10,500	10,000
612030	Meals and Lodging	41,139	39,700	41,900	25,663	35,000	22,000	21,500
612040	Postage, Freight, and Delivery Charges	5,595	8,700	8,700	8,599	8,000	5,700	5,700
612050	Compensation for Personally-Owned Automobiles	24,236	27,400	27,400	18,465	25,700	17,700	17,700
612080	Motor Vehicle Operating Services	529	300	500	230	300	300	300
612170	Water and Water Services	578	—	—	—	—	—	—
612330	Rental Charges	—	1,300	1,300	—	900	1,100	1,100
612400	Intergovernmental Agreements	—	49,600	49,600	49,547	49,600	49,600	49,600
612410	Governmental Service Charges	17,000	17,000	17,000	13,600	17,000	17,000	17,000
612430	Payments for Professional Services	62,528	92,400	92,400	88,610	82,400	334,400	334,400
612490	Contractual Services, N.O.C.	169,169	335,600	222,900	210,450	214,600	258,600	249,600
612790	Repairs to Marine Equipment	29,839	24,000	24,000	23,301	24,000	33,600	33,600
612820	Computer Software Maintenance	—	—	—	—	—	—	9,000
612970	Repairs to Testing and Laboratory Equipment	317,649	391,800	391,800	384,626	380,400	333,600	333,600
200	TOTAL CONTRACTUAL SERVICES	684,599	1,005,800	895,800	836,949	853,900	1,084,100	1,083,100
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	26,356	30,000	35,000	32,947	33,200	20,300	19,100
623530	Farming Supplies	25,982	28,000	23,000	15,500	15,400	15,000	15,000
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	321,179	415,000	396,600	350,590	396,000	337,100	340,300
623700	Wearing Apparel	13,033	12,600	12,600	12,000	12,000	16,300	16,300
623720	Books, Maps, and Charts	450	600	600	326	400	400	400
623800	Computer Software	—	—	18,400	18,340	—	—	—
623810	Computer Supplies	2,054	500	500	—	—	—	—
623820	Fuel	11,508	13,800	13,800	13,755	13,600	18,000	18,000

101 16000	Fund: Corporate Department: Monitoring & Research	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623990	Materials and Supplies, N.O.C.	30,642	37,600	37,600	34,087	33,700	53,200	52,200
300	TOTAL MATERIALS AND SUPPLIES	431,204	538,100	538,100	477,545	504,300	460,300	461,300
634820	Computer Software	—	—	—	—	—	500,000	500,000
634970	Testing and Laboratory Equipment	328,928	384,300	494,300	490,402	419,600	53,000	53,000
400	TOTAL MACHINERY AND EQUIPMENT	328,928	384,300	494,300	490,402	419,600	553,000	553,000
TOTAL MONITORING & RESEARCH		\$ 29,577,473	\$ 31,548,300	\$ 31,548,300	\$ 21,495,116	\$ 29,731,700	\$ 31,546,700	\$ 31,546,700

NOTES: 1. Amounts may not add up due to rounding.
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 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				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee on Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
110	Executive Division					
111	Executive Section					
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	
HP11	Administrative Specialist	1	—		—	
TOTAL 111	Executive Section	3	3	460,194	3	460,194
112	Budget & Administrative Section					
HP22	Assistant Director of Monitoring & Research	1	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	750,713	6	766,072
TOTAL 110	Executive Division	9	9	1,210,907	9	1,226,266
120	Environmental Monitoring & Research Division					
121	Environmental Monitoring & Research Administrative Section					
HP22	Assistant Director of Monitoring & Research	1	1		1	
HP20	Environmental Monitoring & Research Manager	1	1		1	
HP20	Managing Civil Engineer	1	1		—	
HP18	Biostatistician	1	1		1	
HP18	Principal Environmental Scientist	—	2		—	
HP15	Associate Civil Engineer	1	1		1	
HP13	Senior Administrative Specialist	2	2		2	
HP11	Administrative Specialist	4	4		3	
TOTAL 121	Environmental Monitoring & Research Administrative Section	11	13	1,586,356	9	1,105,107
122	Wastewater Treatment Operations Support Section (formerly Wastewater Treatment Process Research Section)					
HP18	Principal Environmental Scientist	1	1		—	

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee on Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
HP17	Senior Environmental Research Scientist	3	3		2	
HP15	Environmental Research Scientist	3	3		1	
HP13	Senior Environmental Research Technician	1	1		—	
HP11	Environmental Research Technician	6	7		—	
HP10	Laboratory Technician I	1	—		—	
TOTAL 122	Wastewater Treatment Operations Support Section (formerly Wastewater Treatment Process Research Section)	15	15	1,341,396	3	382,206
123	Biosolids Section (formerly Biosolids Utilization & Soil Science Section)					
HP18	Principal Environmental Scientist	1	1		1	
HP17	Senior Environmental Soil Scientist	1	2		2	
HP15	Environmental Soil Scientist	3	3		2	
HP15	Environmental Chemist	1	1		—	
HP15	Environmental Chemist #2 (Senior Environmental Research Technician)	—	—		1	
HP11	Environmental Research Technician	5	5		6	
HP09	Laboratory Assistant	1	1		1	
TOTAL 123	Biosolids Section (formerly Biosolids Utilization & Soil Science Section)	12	13	1,209,652	13	1,105,856
124	Microbiology Section (formerly Analytical Microbiology & Biomonitoring Section)					
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	7	8		7	
HP11	Laboratory Technician II #4	1	—		—	
HP09	Laboratory Assistant	2	2		2	
TOTAL 124	Microbiology Section (formerly Analytical Microbiology & Biomonitoring Section)	15	15	1,186,878	14	1,149,286

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee on Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
126	Aquatic Ecology Section (formerly Aquatic Ecology & Water Quality Section)					
HP18	Principal Environmental Scientist	1	1		1	
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	
HP14	Assistant Aquatic Biologist #1	1	—		—	
HP13	Senior Environmental Research Technician	1	1		1	
HP11	Environmental Research Technician	5	5		4	
NR6441	Patrol Boat Operator	2	2		2	
NR3642	Pollution Control Technician II	2	2		2	
NR3641	Pollution Control Technician I	4	4		4	
TOTAL 126	Aquatic Ecology Section (formerly Aquatic Ecology & Water Quality Section)	20	19	1,585,238	18	1,545,503
129	Wastewater Capital Planning, Research, and Technology Evaluation Section (formerly Process Facilities Capital Planning Section)					
HP20	Managing Civil Engineer	—	—		1	
HP18	Principal Civil Engineer	1	1		1	
HP18	Principal Environmental Scientist	—	—		2	
HP17	Senior Civil Engineer	2	2		2	
HP17	Senior Electrical Engineer	1	—		—	
HP17	Senior Environmental Research Scientist	2	3		4	
HP17	Senior Mechanical Engineer	2	1		1	
HP15	Associate Civil Engineer	2	1		1	
HP15	Associate Electrical Engineer	2	—		—	
HP15	Associate Mechanical Engineer	2	1		1	
HP15	Environmental Research Scientist	2	2		3	
HP13	Senior Environmental Research Technician	—	—		2	

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee on Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
HP11	Environmental Research Technician	—	—		6	
HP11	Environmental Research Technician #1	—	—		1	
TOTAL 129	Wastewater Capital Planning, Research, and Technology Evaluation Section (formerly Process Facilities Capital Planning Section)	16	11	1,316,192	25	2,622,853
TOTAL 120	Environmental Monitoring & Research Division	89	86	8,225,713	82	7,910,811
160	Analytical Laboratories Division					
161	Analytical Laboratories Administrative Section					
HP22	Assistant Director of Monitoring & Research	1	1		1	
HP18	Supervising Environmental Chemist	1	1		1	
HP17	Senior Environmental Chemist	1	1		1	
HP17	Senior Environmental Chemist #1	1	—		—	
HP15	Environmental Chemist	2	2		2	
HP13	Senior Administrative Specialist	1	2		2	
HP11	Administrative Specialist	1	—		—	
TOTAL 161	Analytical Laboratories Administrative Section	8	7	813,784	7	801,394
162	Stickney Analytical Laboratory Section					
HP18	Supervising Environmental Chemist	1	1		1	
HP17	Senior Environmental Chemist	2	2		2	
HP15	Environmental Chemist	5	4		4	
HP13	Senior Laboratory Technician	3	3		3	
HP11	Administrative Specialist	1	1		1	
HP11	Laboratory Technician II	9	11		11	
HP10	Laboratory Technician I	2	—		—	
HP10	Laboratory Technician I #1	—	2		1	
HP09	Laboratory Assistant	3	2		2	
TOTAL 162	Stickney Analytical Laboratory Section	26	26	2,059,646	25	2,090,742
164	Industrial Waste Analytical Laboratory Section					
HP18	Supervising Environmental Chemist	1	1		1	
HP17	Senior Environmental Chemist	2	2		2	

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee on Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
HP15	Environmental Chemist	5	4		4	
HP14	Assistant Environmental Chemist #1	1	—		—	
HP13	Senior Laboratory Technician	3	3		3	
HP11	Laboratory Technician II	12	10		10	
HP09	Laboratory Assistant	1	2		2	
TOTAL 164	Industrial Waste Analytical Laboratory Section	25	22	1,894,794	22	1,920,667
165	Organic Compounds Analytical Laboratory Section					
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	
HP16	Instrumentation Chemist II #2 (Instrumentation Chemist) (New Grade HP15)	2	2		—	
HP15	Environmental Chemist	—	—		2	
HP15	Instrumentation Chemist	2	2		—	
HP13	Senior Laboratory Technician	1	1		1	
HP11	Laboratory Technician II	2	3		3	
TOTAL 165	Organic Compounds Analytical Laboratory Section	10	11	1,184,211	11	1,207,054
166	Egan Analytical Laboratory Section					
HP18	Supervising Environmental Chemist	1	1		1	
HP17	Senior Environmental Chemist	2	2		2	
HP15	Environmental Chemist	4	3		3	
HP14	Assistant Environmental Chemist #1	1	—		—	
HP13	Senior Laboratory Technician	1	2		2	
HP13	Senior Laboratory Technician #1	1	—		—	
HP12	Administrative Assistant #2 (Administrative Specialist) (New Grade HP11)	1	1		1	
HP11	Laboratory Technician II	6	7		7	
HP11	Laboratory Technician II #4	1	1		1	

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee on Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
HP10	Laboratory Technician I	1	—		—	
HP09	Laboratory Assistant	2	2		2	
TOTAL 166	Egan Analytical Laboratory Section	21	19	1,562,844	19	1,593,078
167	Calumet Analytical Laboratory Section					
HP18	Supervising Environmental Chemist	1	1		1	
HP17	Senior Environmental Chemist	2	2		2	
HP15	Environmental Chemist	4	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	8		8	
HP09	Laboratory Assistant	2	2		2	
TOTAL 167	Calumet Analytical Laboratory Section	19	19	1,592,335	19	1,635,760
TOTAL 160	Analytical Laboratories Division	109	104	9,107,614	103	9,248,695
190	Industrial Waste Division					
191	Industrial Waste Administrative Section					
HP22	Assistant Director of Monitoring & Research	1	1		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 191	Industrial Waste Administrative Section	2	2	307,165	2	252,358
192	Technical Services Section					
HP18	Supervising Environmental Specialist	—	1		1	
HP17	Senior Environmental Specialist	1	1		1	
HP15	Environmental Specialist	2	2		5	
HP11	Administrative Specialist	—	—	—	1	
NR3642	Pollution Control Technician II	—	—	—	2	
TOTAL 192	Technical Services Section	3	4	454,429	10	1,023,545
193	Pretreatment & Cost Recovery Section					
HP18	Supervising Environmental Specialist	2	2		2	
HP17	Senior Civil Engineer	1	1		1	

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee on Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
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	
HP12	Secretary #2 (Administrative Specialist) (New Grade HP11)	1	—		—	
HP11	Administrative Specialist	2	3		2	
HP09	Administrative Clerk	2	2		2	
TOTAL 193	Pretreatment & Cost Recovery Section	35	35	3,636,667	34	3,663,830
194	Field Services Section					
HP18	Supervising Environmental Specialist	1	1		2	
HP17	Senior Environmental Specialist	5	5		4	
HP15	Environmental Specialist	29	29		26	
HP13	Senior Administrative Specialist	1	1		1	
HP11	Administrative Specialist	1	1		1	
NR3642	Pollution Control Technician II	2	2		—	
NR3641	Pollution Control Technician I	21	21		20	
TOTAL 194	Field Services Section	60	60	5,528,040	54	5,053,390
TOTAL 190	Industrial Waste Division	100	101	9,926,302	100	9,993,123
TOTAL	Monitoring & Research	307	300	28,470,536	294	28,378,895

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						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 5,276,249	\$ 5,714,700	\$ 5,714,700	\$ 3,862,611	\$ 5,466,700	\$ 5,797,000	\$ 5,797,000
601060	Compensation Plan Adjustments	76,190	80,600	80,500	18,569	78,800	87,300	87,300
601070	Social Security and Medicare Contributions	74,651	84,100	84,100	56,015	76,400	86,100	86,100
601100	Tuition and Training Payments	1,140	600	700	645	700	1,000	1,000
100	TOTAL PERSONAL SERVICES	5,428,230	5,880,000	5,880,000	3,937,840	5,622,600	5,971,400	5,971,400
612010	Travel	535	1,500	1,500	—	200	600	600
612030	Meals and Lodging	871	800	800	10	100	700	700
612050	Compensation for Personally-Owned Automobiles	844	1,100	1,100	657	900	1,200	1,200
612360	Advertising	82,565	120,000	120,000	100,370	110,700	123,000	123,000
612430	Payments for Professional Services	—	15,000	—	—	—	—	—
612490	Contractual Services, N.O.C.	415	—	—	—	—	—	—
612680	Repairs to Buildings	5,341	8,400	118,600	118,589	113,600	101,800	101,800
612800	Repairs to Office Furniture and Equipment	1,578	1,600	1,600	1,200	1,500	1,600	1,600
612820	Computer Software Maintenance	—	—	—	—	—	20,000	20,000
612840	Communications Equipment Maintenance (Includes Software)	—	—	—	—	—	2,500	2,500
612860	Repairs to Vehicle Equipment	8,856	7,100	7,100	7,043	6,700	8,900	8,900
200	TOTAL CONTRACTUAL SERVICES	101,005	155,500	250,700	227,868	233,700	260,300	260,300
623030	Metals	85,144	104,300	138,300	107,128	133,100	95,600	95,600
623070	Electrical Parts and Supplies	255,153	303,100	303,100	257,106	278,900	280,300	280,300
623090	Plumbing Accessories and Supplies	329,053	342,500	342,500	310,001	318,500	345,800	345,800
623110	Hardware	76,254	79,800	79,800	74,054	72,600	81,400	81,400
623130	Buildings, Grounds, Paving Materials, and Supplies	328,247	356,500	271,500	140,400	186,800	278,100	278,100
623170	Fiber, Paper, and Insulation Materials	41,861	42,700	52,700	52,634	51,700	62,800	62,800
623190	Paints, Solvents, and Related Materials	48,509	51,300	51,300	34,464	45,200	50,500	50,500
623250	Vehicle Parts and Supplies	11,871	10,400	13,400	13,046	13,400	12,300	12,300
623270	Mechanical Repair Parts	223,416	237,500	237,500	121,631	204,200	225,300	225,300
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	10,548	15,000	20,000	16,458	19,200	13,400	13,400
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	667,866	625,000	625,000	612,443	625,000	668,000	668,000
623660	Cleaning Supplies	255,488	265,900	265,900	249,791	244,600	266,000	266,000

101 20000	Fund: Corporate Department: Procurement & Materials Management	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623680	Tools and Supplies	77,566	100,000	110,000	107,723	103,500	100,500	100,500
623700	Wearing Apparel	144,111	175,000	175,000	130,684	157,500	165,100	165,100
623780	Safety and Medical Supplies	70,612	71,300	71,300	68,864	68,500	72,800	72,800
623810	Computer Supplies	45,501	40,000	60,000	50,305	58,000	57,200	57,200
623820	Fuel	232,316	285,000	285,000	157,085	228,000	339,200	339,200
623840	Gases	64,123	85,100	85,100	81,275	74,000	84,100	84,100
623850	Communications Supplies	4,911	7,400	10,400	10,174	10,400	7,200	7,200
623860	Lubricants	157,405	226,400	226,400	199,625	210,500	200,400	200,400
623990	MATERIALS and Supplies, N.O.C.	41,312	72,200	72,200	47,632	62,100	42,000	42,000
300	TOTAL MATERIALS AND SUPPLIES	3,171,267	3,496,400	3,496,400	2,842,523	3,165,700	3,448,000	3,448,000
634650	Equipment for Process Facilities	19,752	—	—	—	—	—	—
634760	Material Handling and Farming Equipment	11,627	117,200	85,000	80,622	85,000	—	—
634810	Computer Equipment	—	55,000	—	—	—	—	—
634820	Computer Software	—	—	140,000	—	32,200	130,000	130,000
400	TOTAL MACHINERY AND EQUIPMENT	31,379	172,200	225,000	80,622	117,200	130,000	130,000
645680	Buildings	—	117,000	109,000	98,500	102,000	—	75,000
500	TOTAL CAPITAL PROJECTS	—	117,000	109,000	98,500	102,000	—	75,000
TOTAL PROCUREMENT & MATERIALS MANAGEMENT		\$ 8,731,880	\$ 9,821,100	\$ 9,961,100	\$ 7,187,353	\$ 9,241,200	\$ 9,809,700	\$ 9,884,700

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 25000	Fund: Corporate Department: Human Resources	LINE ITEM ANALYSIS						
		2018	2019				2020	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 5,666,384	\$ 6,802,900	\$ 6,802,900	\$ 4,127,447	\$ 5,848,000	\$ 6,721,500	\$ 6,721,500
601060	Compensation Plan Adjustments	138,843	315,800	265,800	130,335	164,500	287,000	257,000
601070	Social Security and Medicare Contributions	100,170	140,300	140,300	75,782	102,200	143,300	143,300
601090	Employee Claims	64,171	60,000	110,000	64,974	96,000	100,000	94,100
601100	Tuition and Training Payments	449,883	709,800	709,800	394,674	613,200	895,500	879,400
601250	Health and Life Insurance Premiums	42,874,277	46,804,400	46,804,400	30,571,333	44,202,600	47,509,500	47,509,500
601300	Personal Services, N.O.C.	250,837	360,000	360,000	178,230	360,000	460,000	460,000
100	TOTAL PERSONAL SERVICES	49,544,566	55,193,200	55,193,200	35,542,774	51,386,500	56,116,800	56,064,800
612010	Travel	3,555	5,200	5,200	3,465	5,000	6,400	6,400
612030	Meals and Lodging	9,491	17,300	17,300	7,054	17,300	15,700	15,700
612040	Postage, Freight, and Delivery Charges	216	—	—	—	—	—	—
612050	Compensation for Personally-Owned Automobiles	329	1,100	1,100	331	600	1,100	1,100
612080	Motor Vehicle Operating Services	—	100	100	49	100	100	100
612250	Court Reporting Services	11,822	11,500	14,000	14,000	14,000	16,000	16,000
612260	Medical Services	90,437	121,100	121,100	106,600	109,900	127,600	127,600
612290	Insurance Premiums	2,776,920	3,471,100	3,468,600	1,528,989	3,464,900	3,463,400	3,463,400
612330	Rental Charges	10,062	21,500	21,500	17,445	21,500	13,500	13,500
612360	Advertising	—	—	1,800	454	1,800	7,000	7,000
612430	Payments for Professional Services	884,497	1,004,900	943,100	694,199	849,200	1,072,500	1,097,500
612490	Contractual Services, N.O.C.	37,787	72,100	72,100	59,842	70,100	83,500	83,500
612780	Safety Repairs and Services	98,719	107,500	167,500	162,391	167,400	109,500	109,500
612820	Computer Software Maintenance	—	—	—	—	—	—	30,000
200	TOTAL CONTRACTUAL SERVICES	3,923,834	4,833,400	4,833,400	2,594,819	4,721,800	4,916,300	4,971,300
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	43,894	30,500	30,500	29,371	30,500	47,500	44,500
623720	Books, Maps, and Charts	4,600	500	500	—	500	500	500
623780	Safety and Medical Supplies	142,846	166,500	166,500	129,186	166,500	241,100	241,100
623990	Materials and Supplies, N.O.C.	2,564	5,500	5,500	4,779	5,000	7,000	7,000
300	TOTAL MATERIALS AND SUPPLIES	193,904	203,000	203,000	163,336	202,500	296,100	293,100
634820	Computer Software	14,200	—	—	—	—	—	—
400	TOTAL MACHINERY AND EQUIPMENT	14,200	—	—	—	—	—	—
TOTAL HUMAN RESOURCES		\$ 53,676,504	\$ 60,229,600	\$ 60,229,600	\$ 38,300,930	\$ 56,310,800	\$ 61,329,200	\$ 61,329,200

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 27000	Fund: Corporate Department: Information Technology	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 7,790,836	\$ 8,352,500	\$ 8,352,500	\$ 5,446,747	\$ 7,700,000	\$ 8,430,200	\$ 8,331,900
601060	Compensation Plan Adjustments	107,874	234,400	234,400	148,651	158,000	270,800	270,800
601070	Social Security and Medicare Contributions	108,839	121,600	121,600	79,010	107,600	122,700	122,700
601100	Tuition and Training Payments	46,816	38,000	38,000	10,530	12,500	48,500	48,500
100	TOTAL PERSONAL SERVICES	8,054,364	8,746,500	8,746,500	5,684,939	7,978,100	8,872,200	8,773,900
612010	Travel	881	2,000	3,000	1,785	2,500	2,000	2,000
612030	Meals and Lodging	684	5,000	5,000	3,766	4,500	5,000	5,000
612040	Postage, Freight, and Delivery Charges	1,179	1,500	1,500	1,500	1,400	1,500	1,500
612050	Compensation for Personally-Owned Automobiles	1,262	1,500	1,500	851	1,200	1,500	1,500
612210	Communication Services	1,101,668	1,575,200	1,658,800	1,624,880	1,570,400	1,528,800	1,528,800
612330	Rental Charges	314,004	475,500	439,600	437,107	394,800	433,000	100,000
612430	Payments for Professional Services	229,862	1,280,800	1,132,100	640,813	472,000	819,800	1,118,100
612490	Contractual Services, N.O.C.	9,675	10,000	10,000	5,150	5,200	10,000	10,000
612810	Computer Equipment Maintenance	182,898	340,100	340,100	117,664	174,700	247,500	318,500
612820	Computer Software Maintenance	4,124,260	4,333,700	4,333,700	3,772,577	3,315,600	4,222,800	4,222,800
612840	Communications Equipment Maintenance (Includes Software)	723,892	779,200	729,200	641,766	481,500	674,500	674,500
200	TOTAL CONTRACTUAL SERVICES	6,690,265	8,804,500	8,654,500	7,247,860	6,423,800	7,946,400	7,982,700
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	13,348	15,500	15,500	13,928	12,200	15,500	15,500
623800	Computer Software	120,651	99,700	99,700	23,767	49,100	390,000	390,000
623810	Computer Supplies	412,737	556,200	609,200	583,137	474,200	656,400	802,900
623850	Communications Supplies	118,427	156,300	206,300	188,030	115,900	152,000	152,000
300	TOTAL MATERIALS AND SUPPLIES	665,164	827,700	930,700	808,863	651,400	1,213,900	1,360,400
634810	Computer Equipment	5,680	7,000	7,000	7,000	6,300	200,000	115,500
634820	Computer Software	—	207,000	167,000	97,000	97,000	97,000	97,000
634840	Communications Equipment (Includes Software)	14,680	—	—	—	—	24,000	24,000
400	TOTAL MACHINERY AND EQUIPMENT	20,360	214,000	174,000	104,000	103,300	321,000	236,500
TOTAL INFORMATION TECHNOLOGY		\$ 15,430,153	\$ 18,592,700	\$ 18,505,700	\$ 13,845,662	\$ 15,156,600	\$ 18,353,500	\$ 18,353,500

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

Fund: Corporate Dept: Information Technology		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee on Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
270	Executive Division					
271	Executive Section					
EX17	Director of Information Technology	1	1		1	
EX06	Secretary to Officer	1	1		1	
HP16	Senior Budget & Management Analyst	—	—		1	
TOTAL 271	Executive Section	2	2	346,584	3	445,265
275	Project Management Office Section					
HP19	Project Management Office Manager	1	1		1	
HP18	Senior Project Manager	—	1		1	
HP16	Applications Administrator	1	—		—	
HP16	Applications Administrator #2 (Project Manager)	—	1		1	
HP16	Project Manager	—	2		1	
HP16	Senior Business Analyst	1	—		—	
HP14	Business Analyst	1	1		1	
TOTAL 275	Project Management Office Section	4	6	665,579	5	589,338
TOTAL 270	Executive Division	6	8	1,012,163	8	1,034,603
280	Enterprise Infrastructure Division - MOB					
281	Enterprise Infrastructure Administration Section - MOB					
HP20	Assistant Director of Information Technology	1	1		2	
HP19	Information Technology Manager	2	3		2	
HP11	Administrative Specialist	1	1		1	
TOTAL 281	Enterprise Infrastructure Administration Section - MOB	4	5	664,987	5	689,419
282	Network Management Unit - MOB					
HP18	Senior Systems Administrator	1	1		1	
HP18	Senior Systems Administrator #1	1	1		1	
HP17	Computer Systems Administrator #2 (Systems Administrator) (New Grade HP16)	3	3		3	
HP17	Senior Systems Programmer #2 (Systems Administrator) (New Grade HP16)	1	1		1	

Fund: Corporate Dept: Information Technology		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee on Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
HP16	Systems Administrator	1	1		1	
TOTAL 282	Network Management Unit - MOB	7	7	952,715	7	963,920
283	Network Infrastructure Unit - MOB					
HP18	Senior Network Engineer	1	1		1	
HP16	Network Engineer	4	4		4	
HP14	Network Analyst	—	1		1	
NR1541	Telecommunications Specialist	1	—		—	
NR1541	Telecommunications Specialist #1	—	1		1	
TOTAL 283	Network Infrastructure Unit - MOB	6	7	794,580	7	801,899
285	IT Service Desk Unit - MOB					
HP15	IT Support Coordinator	1	1		1	
HP12	Systems Support Specialist II #2 (IT Support Analyst I) (New Grade HP11)	1	1		1	
HP11	IT Support Analyst I	2	2		2	
TOTAL 285	IT Service Desk Unit - MOB	4	4	287,621	4	289,361
286	Desktop Engineering Unit - MOB					
HP18	Senior Desktop Engineer	1	1		1	
HP17	Computer Systems Administrator #2 (Desktop Engineer) (New Grade HP16)	3	2		2	
HP16	Desktop Engineer	—	1		1	
HP15	Computer Systems Coordinator #2 (Desktop Analyst) (New Grade HP14)	1	1		1	
TOTAL 286	Desktop Engineering Unit - MOB	5	5	638,765	5	638,765
287	Audio Visual Services Unit - MOB					
HP16	A/V Administrator	1	1		2	
HP14	A/V Analyst	1	1		1	
TOTAL 287	Audio Visual Services Unit - MOB	2	2	197,491	3	301,130
288	IT Field Service Unit - MOB					
HP18	Senior Computer Systems Administrator #2 (IT Support Coordinator) (New Grade HP15)	1	1		1	

Fund: Corporate Dept: Information Technology		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee on Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
HP17	Computer Systems Administrator #2 (IT Support Analyst II) (New Grade HP13)	2	1		1	
HP15	Computer Systems Coordinator #2 (IT Support Analyst II) (New Grade HP13)	1	2		2	
HP15	Computer Systems Coordinator #2 (IT Support Analyst I) (New Grade HP11)	1	—		—	
HP13	IT Support Analyst II	1	4		4	
HP11	IT Support Analyst I	2	—		—	
TOTAL 288	IT Field Service Unit - MOB	8	8	815,914	8	820,580
289	IT Security & Governance Unit - MOB					
HP18	Senior IT Security Administrator	1	1		2	
HP17	Computer Systems Administrator #2 (IT Security Analyst) (New Grade HP14)	1	1		—	
HP16	IT Security Administrator	—	1		1	
TOTAL 289	IT Security & Governance Unit - MOB	2	3	401,808	3	379,983
TOTAL 280	Enterprise Infrastructure Division - MOB	38	41	4,753,882	42	4,885,057
290	Enterprise Applications Division - MOB					
291	Enterprise Applications Administration Section - MOB					
HP20	Assistant Director of Information Technology	1	—		—	
HP19	Information Technology Manager	2	1		1	
HP19	Information Technology Manager #1	—	1		—	
HP11	Administrative Specialist	1	1		1	
TOTAL 291	Enterprise Applications Administration Section - MOB	4	3	391,451	2	217,261
292	Business Applications Unit - MOB					
HP18	Senior Applications Administrator	1	1		1	
HP17	Webmaster #1	1	1		1	
HP16	Applications Administrator	1	1		1	
HP14	Applications Analyst	1	1		1	
TOTAL 292	Business Applications Unit - MOB	4	4	512,455	4	524,031
293	ERP Support Unit - MOB					
HP18	Senior Applications Administrator	1	—		—	

Fund: Corporate Dept: Information Technology		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee on Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
HP18	Senior Applications Administrator #1	—	1		—	
HP17	Senior Systems Programmer #1	2	2		2	
HP16	Applications Administrator	1	1		1	
HP14	Applications Analyst	1	1		1	
TOTAL 293	ERP Support Unit - MOB	5	5	663,725	4	482,901
294	Enterprise GIS Support Unit - MOB					
HP18	Senior Applications Administrator	1	1		1	
HP16	Applications Administrator #2 (GIS Analyst) (New Grade HP14)	2	1		1	
HP14	GIS Analyst	2	2		2	
TOTAL 294	Enterprise GIS Support Unit - MOB	5	4	478,190	4	483,147
295	Applications Development Unit - MOB					
HP18	Senior Applications Developer	1	1		1	
HP16	Applications Developer	1	1		1	
HP14	Applications Analyst	2	1		1	
TOTAL 295	Applications Development Unit - MOB	4	3	335,795	3	346,884
296	Enterprise Database Support Unit - MOB					
HP18	Senior Database Administrator	1	1		1	
HP16	Database Administrator	2	2		2	
TOTAL 296	Enterprise Database Support Unit - MOB	3	3	394,521	3	399,965
TOTAL 290	Enterprise Applications Division - MOB	25	22	2,776,136	20	2,454,189
TOTAL	Information Technology	69	71	8,542,180	70	8,373,849

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 30000	Fund: Corporate Department: Law	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 4,762,047	\$ 5,493,700	\$ 5,493,700	\$ 3,387,158	\$ 4,798,100	\$ 5,309,200	\$ 5,309,200
601060	Compensation Plan Adjustments	134,244	140,400	140,400	99,915	152,000	239,100	239,100
601070	Social Security and Medicare Contributions	68,500	80,100	80,100	50,411	69,800	81,900	81,900
601100	Tuition and Training Payments	10,307	14,000	14,000	9,135	14,000	16,800	16,800
100	TOTAL PERSONAL SERVICES	4,975,098	5,728,200	5,728,200	3,546,618	5,033,900	5,647,000	5,647,000
612010	Travel	4,202	5,000	5,000	1,561	3,600	6,400	6,400
612030	Meals and Lodging	8,844	13,000	13,000	6,592	12,000	15,800	15,800
612040	Postage, Freight, and Delivery Charges	472	1,000	1,000	600	500	700	700
612050	Compensation for Personally-Owned Automobiles	1,356	5,100	5,100	2,656	4,600	5,100	5,100
612090	Reprographic Services	134	17,000	17,000	15,487	1,000	17,000	17,000
612250	Court Reporting Services	12,537	27,000	27,000	22,021	16,800	25,000	25,000
612430	Payments for Professional Services	354,854	500,000	560,000	515,880	263,000	634,300	634,300
612490	Contractual Services, N.O.C.	84,698	107,800	107,800	92,047	77,000	108,600	108,600
200	TOTAL CONTRACTUAL SERVICES	467,097	675,900	735,900	656,844	378,500	812,900	812,900
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	3,374	5,200	5,200	3,894	4,800	6,000	6,000
623720	Books, Maps, and Charts	10,112	13,000	13,000	11,035	10,000	13,000	13,000
623990	Materials and Supplies, N.O.C.	—	400	400	—	—	200	200
300	TOTAL MATERIALS AND SUPPLIES	13,486	18,600	18,600	14,929	14,800	19,200	19,200
667130	Taxes on Real Estate	683,013	755,000	695,000	682,846	683,000	755,000	755,000
700	TOTAL FIXED AND OTHER CHARGES	683,013	755,000	695,000	682,846	683,000	755,000	755,000
TOTAL LAW		\$ 6,138,695	\$ 7,177,700	\$ 7,177,700	\$ 4,901,238	\$ 6,110,200	\$ 7,234,100	\$ 7,234,100

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 40000	Fund: Corporate Department: Finance	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 3,007,972	\$ 3,187,300	\$ 3,187,300	\$ 2,252,000	\$ 3,187,300	\$ 3,238,000	\$ 3,238,000
601060	Compensation Plan Adjustments	6,429	115,400	115,400	757	7,300	116,400	116,400
601070	Social Security and Medicare Contributions	41,895	46,500	46,500	32,382	44,400	48,200	48,200
601100	Tuition and Training Payments	39,653	30,000	30,000	19,201	30,000	30,000	30,000
100	TOTAL PERSONAL SERVICES	3,095,948	3,379,200	3,379,200	2,304,340	3,269,000	3,432,600	3,432,600
612010	Travel	1,933	11,000	7,000	2,579	6,000	8,000	8,000
612030	Meals and Lodging	7,118	6,100	10,100	5,793	10,000	12,000	12,000
612040	Postage, Freight, and Delivery Charges	29	500	500	86	200	500	500
612050	Compensation for Personally-Owned Automobiles	—	100	100	73	100	200	200
612090	Reprographic Services	2,260	2,500	2,500	2,340	2,400	2,500	2,500
612250	Court Reporting Services	44,232	50,000	50,000	50,000	50,000	50,000	50,000
612340	Discount Lost	1,559	3,000	3,000	1,721	3,000	3,000	3,000
612430	Payments for Professional Services	279,610	257,800	257,800	252,800	257,800	307,600	307,600
612490	Contractual Services, N.O.C.	1,095	2,000	2,000	860	2,000	2,000	2,000
612800	Repairs to Office Furniture and Equipment	4,922	5,000	5,000	—	5,000	5,000	5,000
200	TOTAL CONTRACTUAL SERVICES	342,757	338,000	338,000	316,252	336,500	390,800	390,800
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	8,842	20,600	20,600	8,352	20,600	10,000	10,000
623720	Books, Maps, and Charts	96	1,500	1,500	230	1,000	500	500
623990	Materials and Supplies, N.O.C.	60	500	500	—	500	500	500
300	TOTAL MATERIALS AND SUPPLIES	8,998	22,600	22,600	8,582	22,100	11,000	11,000
TOTAL FINANCE		\$ 3,447,703	\$ 3,739,800	\$ 3,739,800	\$ 2,629,174	\$ 3,627,600	\$ 3,834,400	\$ 3,834,400

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.

Account Number	Account Name	LINE ITEM ANALYSIS						
		2018		2019			2020	
		Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
101 60000	Fund: Corporate Department: Maintenance & Operations Division: All Divisions							
601010	Salaries of Regular Employees	\$ 87,034,782	\$ 92,220,500	\$ 91,299,500	\$ 62,736,284	\$ 88,893,700	\$ 92,699,300	\$ 92,803,400
601060	Compensation Plan Adjustments	4,947,006	4,844,100	5,689,100	4,393,322	5,006,300	5,856,900	5,856,900
601070	Social Security and Medicare Contributions	1,281,564	1,364,900	1,364,900	970,330	1,326,100	1,373,200	1,373,200
601080	Salaries of Nonbudgeted Employees	—	5,300	81,300	18,840	92,800	5,300	5,300
601100	Tuition and Training Payments	153,736	201,900	201,900	86,609	182,300	209,800	209,800
100	TOTAL PERSONAL SERVICES	93,417,088	98,636,700	98,636,700	68,205,384	95,501,200	100,144,500	100,248,600
612010	Travel	18,395	29,300	29,300	8,302	19,700	25,900	25,900
612030	Meals and Lodging	69,350	62,300	62,300	42,126	52,400	67,400	67,400
612040	Postage, Freight, and Delivery Charges	—	—	—	—	—	200	200
612050	Compensation for Personally-Owned Automobiles	106,926	108,500	108,500	90,417	104,300	116,100	116,100
612080	Motor Vehicle Operating Services	467	1,700	1,700	350	1,000	1,400	1,400
612150	Electrical Energy	38,788,739	36,445,200	36,445,200	24,507,043	39,138,100	38,361,700	38,361,700
612160	Natural Gas	3,104,468	2,945,300	2,945,300	1,823,195	2,856,800	3,391,300	3,391,300
612170	Water and Water Services	2,035,379	2,109,700	2,109,700	1,459,263	1,976,500	2,184,300	2,184,300
612210	Communication Services	926,178	—	3,000	2,917	—	3,000	3,000
612240	Testing and Inspection Services	189,320	166,700	163,700	137,260	119,900	190,500	190,500
612330	Rental Charges	150,080	161,500	161,500	150,128	145,500	172,000	172,000
612410	Governmental Service Charges	3,763,003	3,650,100	3,650,100	2,954,081	3,647,200	3,904,200	3,904,200
612420	Maintenance of Grounds and Pavements	809,111	1,430,900	630,100	543,675	611,100	1,432,900	1,375,800
612430	Payments for Professional Services	492,689	489,500	173,000	172,307	171,900	602,500	602,500
612490	Contractual Services, N.O.C.	366,552	645,100	579,000	556,212	500,600	573,500	573,500
612520	Waste Material Disposal Charges	9,664,769	10,823,400	11,454,100	11,433,872	9,831,300	10,745,600	10,745,600
612530	Farming Services	20,000	24,000	18,200	18,200	18,200	60,000	60,000
612590	Sludge Disposal	3,785,843	4,100,000	4,100,000	4,100,000	3,700,000	4,100,000	4,100,000
612600	Repairs to Collection Facilities	2,974,998	3,486,100	3,783,900	3,763,343	3,653,700	3,380,500	3,847,800
612620	Repairs to Waterway Facilities	39,634	47,900	41,900	41,760	41,800	72,400	72,400
612650	Repairs to Process Facilities	5,330,334	5,982,800	6,402,800	6,363,984	5,819,300	9,946,100	9,580,300
612670	Repairs to Railroads	312,917	266,900	417,600	302,749	216,000	396,700	396,700
612680	Repairs to Buildings	729,490	1,015,000	1,009,900	1,001,180	855,300	1,291,700	1,291,700
612760	Repairs to Material Handling and Farming Equipment	328,799	315,900	315,900	296,422	293,400	310,200	310,200
612780	Safety Repairs and Services	211,044	334,500	334,500	333,545	276,600	336,600	336,600
612790	Repairs to Marine Equipment	66,537	65,000	65,000	65,000	62,400	66,500	66,500

Account Number	Account Name	LINE ITEM ANALYSIS						
		2018		2019			2020	
		Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
101 60000	Fund: Corporate Department: Maintenance & Operations Division: All Divisions							
612820	Computer Software Maintenance	9,177	7,500	8,400	8,396	8,400	9,000	9,000
612840	Communications Equipment Maintenance (Includes Software)	3,120	—	—	—	—	—	—
612860	Repairs to Vehicle Equipment	153,862	140,600	153,200	153,079	131,800	143,600	143,600
612990	Repairs, N.O.C.	4,493	28,000	28,000	20,036	23,400	27,500	27,500
200	TOTAL CONTRACTUAL SERVICES	74,455,674	74,883,400	75,195,800	60,348,841	74,276,600	81,913,300	81,957,700
623030	Metals	29,070	30,500	36,500	34,029	32,000	30,500	30,500
623070	Electrical Parts and Supplies	2,466,886	2,694,700	2,844,700	2,662,269	2,659,700	2,561,000	2,412,500
623090	Plumbing Accessories and Supplies	654,608	827,800	796,000	686,370	747,300	769,100	769,100
623110	Hardware	7,266	8,300	8,300	6,786	7,500	10,900	10,900
623130	Buildings, Grounds, Paving Materials, and Supplies	112,526	145,900	149,900	136,462	131,100	147,800	147,800
623170	Fiber, Paper, and Insulation Materials	4,641	11,100	11,100	11,016	9,500	13,500	13,500
623190	Paints, Solvents, and Related Materials	6,424	13,000	13,000	12,664	6,100	6,400	6,400
623250	Vehicle Parts and Supplies	153,199	168,000	186,800	185,548	152,600	168,000	168,000
623270	Mechanical Repair Parts	3,388,322	3,611,600	3,870,400	3,496,975	3,271,700	3,874,500	3,874,500
623300	Manhole Materials	6,045	25,000	25,000	23,743	23,000	5,000	5,000
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	44,364	38,800	41,900	38,822	36,400	45,300	45,300
623530	Farming Supplies	3,400	4,000	4,000	2,966	3,500	4,000	4,000
623560	Processing Chemicals	9,573,111	12,445,500	11,627,100	11,377,817	9,927,700	11,087,300	11,087,300
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	20,370	28,600	28,600	26,114	28,000	30,900	30,900
623660	Cleaning Supplies	3,184	2,200	2,200	1,782	2,000	2,200	2,200
623680	Tools and Supplies	219,831	247,600	257,600	246,457	235,400	225,200	225,200
623700	Wearing Apparel	536	4,100	4,100	245	3,600	4,100	4,100
623780	Safety and Medical Supplies	55,056	41,700	41,700	32,645	34,800	43,700	43,700
623800	Computer Software	19,239	39,100	39,100	34,348	33,500	66,000	66,000
623810	Computer Supplies	34,967	170,000	117,000	110,708	112,800	36,600	36,600
623820	Fuel	312,534	332,200	332,200	330,973	274,400	327,900	327,900
623840	Gases	58	600	600	600	500	600	600
623850	Communications Supplies	4,900	15,000	15,000	14,782	14,800	15,000	15,000
623860	Lubricants	7,322	7,700	9,300	8,208	7,100	8,200	8,200
623990	Materials and Supplies, N.O.C.	158,815	117,500	113,000	92,488	80,800	91,300	91,300
300	TOTAL MATERIALS AND SUPPLIES	17,286,672	21,030,500	20,575,100	19,574,818	17,835,800	19,575,000	19,426,500

101 Fund: Corporate 60000 Department: Maintenance & Operations Division: All Divisions		LINE ITEM ANALYSIS						
		2018	2019				2020	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
634600	Equipment for Collection Facilities	44,118	60,000	51,700	50,476	50,500	40,000	40,000
634650	Equipment for Process Facilities	155,870	176,700	285,400	279,533	168,500	274,000	274,000
634670	Railroad Equipment	—	—	20,800	20,779	20,800		
634760	Material Handling and Farming Equipment	—	350,000	319,000	292,990	293,000	44,500	44,500
634790	Marine Equipment	—	80,000	80,000	78,500	78,500	—	—
634810	Computer Equipment	—	140,000	138,100	138,066	138,100	—	—
634860	Vehicle Equipment	—	1,199,000	1,192,000	1,191,759	1,191,300	511,000	511,000
634970	Testing and Laboratory Equipment	30,493	—	—	—	—	—	—
634990	Machinery and Equipment, N.O.C.	11,225	36,000	44,700	44,219	38,600	87,500	87,500
400	TOTAL MACHINERY AND EQUIPMENT	241,706	2,041,700	2,131,700	2,096,322	1,979,300	957,000	957,000
TOTAL MAINTENANCE & OPERATIONS		\$185,401,140	\$ 196,592,300	\$ 196,539,300	\$ 150,225,365	\$189,592,900	\$202,589,800	\$ 202,589,800

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.

Account Number	Account Name	LINE ITEM ANALYSIS						
		2018	2019				2020	
		Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
101 66000	Fund: Corporate Department: Maintenance & Operations Division: General							
601010	Salaries of Regular Employees	\$ 11,680,158	\$ 12,802,200	\$ 12,686,200	\$ 8,646,902	\$ 12,245,900	\$ 12,750,300	\$ 12,631,100
601060	Compensation Plan Adjustments	364,535	679,300	729,300	562,118	693,200	876,700	876,700
601070	Social Security and Medicare Contributions	167,601	188,700	188,700	132,821	181,600	190,900	190,900
601080	Salaries of Nonbudgeted Employees	—	3,800	41,200	—	65,800	3,800	3,800
601100	Tuition and Training Payments	12,738	43,000	43,000	23,153	36,600	35,300	35,300
100	TOTAL PERSONAL SERVICES	12,225,032	13,717,000	13,688,400	9,364,994	13,223,100	13,857,000	13,737,800
612010	Travel	2,003	2,900	2,900	2,542	2,600	4,600	4,600
612030	Meals and Lodging	7,728	7,500	7,500	5,250	6,900	13,500	13,500
612040	Postage, Freight, and Delivery Charges	—	—	—	—	—	200	200
612050	Compensation for Personally-Owned Automobiles	6,094	9,500	9,500	7,805	8,900	9,100	9,100
612080	Motor Vehicle Operating Services	170	300	300	33	200	300	300
612150	Electrical Energy	86,133	71,400	71,400	49,461	64,300	83,000	83,000
612160	Natural Gas	8,164	8,000	8,000	5,489	7,500	9,300	9,300
612170	Water and Water Services	40,610	206,100	206,100	46,023	181,400	174,800	174,800
612210	Communication Services	198,024	—	—	—	—	—	—
612240	Testing and Inspection Services	13,590	6,100	6,100	5,738	5,300	9,100	9,100
612330	Rental Charges	8,019	8,600	8,700	8,610	7,900	8,600	8,600
612410	Governmental Service Charges	16,887	18,400	18,400	14,600	18,400	17,700	17,700
612420	Maintenance of Grounds and Pavements	659,547	668,300	299,700	299,365	289,500	622,300	622,300
612430	Payments for Professional Services	474,149	470,500	154,000	153,767	153,300	583,500	583,500
612490	Contractual Services, N.O.C.	170,554	227,500	178,700	178,539	171,800	189,100	189,100
612520	Waste Material Disposal Charges	8,269,528	9,310,000	9,945,700	9,933,572	8,420,300	9,182,200	9,182,200
612590	Sludge Disposal	—	4,100,000	4,100,000	4,100,000	3,700,000	4,100,000	4,100,000
612600	Repairs to Collection Facilities	813,566	1,187,200	928,200	928,125	928,200	1,156,700	1,156,700
612620	Repairs to Waterway Facilities	39,634	47,900	41,900	41,760	41,800	72,400	72,400
612650	Repairs to Process Facilities	11,175	14,800	14,800	14,800	13,400	34,000	34,000
612680	Repairs to Buildings	16,064	23,000	17,600	17,500	17,600	18,000	18,000
612760	Repairs to Material Handling and Farming Equipment	224,697	239,500	239,500	230,275	227,500	230,500	230,500
612780	Safety Repairs and Services	5,605	14,400	14,400	14,383	13,400	16,500	16,500
612790	Repairs to Marine Equipment	66,537	65,000	65,000	65,000	62,400	66,500	66,500
612820	Computer Software Maintenance	9,177	7,500	8,400	8,396	8,400	9,000	9,000
612860	Repairs to Vehicle Equipment	57,431	54,500	53,100	53,100	48,000	49,500	49,500

Account Number	Account Name	LINE ITEM ANALYSIS						
		2018		2019			2020	
		Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
101 66000	Fund: Corporate Department: Maintenance & Operations Division: General							
612990	Repairs, N.O.C.	1,150	3,500	3,500	2,836	3,100	3,000	3,000
200	TOTAL CONTRACTUAL SERVICES	11,206,238	16,772,400	16,403,400	16,186,968	14,402,100	16,663,400	16,663,400
623070	Electrical Parts and Supplies	7,039	17,000	12,000	9,370	12,000	17,000	17,000
623090	Plumbing Accessories and Supplies	8,475	15,000	17,000	16,515	15,800	30,500	30,500
623110	Hardware	1,485	2,000	2,000	700	1,800	2,000	2,000
623130	Buildings, Grounds, Paving Materials, and Supplies	30,570	34,000	24,500	21,373	23,400	33,500	33,500
623250	Vehicle Parts and Supplies	60,623	82,000	98,800	98,098	70,800	82,000	82,000
623270	Mechanical Repair Parts	69,824	157,800	142,800	102,641	135,200	144,300	144,300
623300	Manhole Materials	6,045	25,000	25,000	23,743	23,000	5,000	5,000
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	6,157	4,000	5,600	5,275	3,500	10,000	10,000
623530	Farming Supplies	3,400	4,000	4,000	2,966	3,500	4,000	4,000
623560	Processing Chemicals	182,001	247,000	267,000	253,697	214,500	232,000	232,000
623660	Cleaning Supplies	500	500	500	500	500	500	500
623680	Tools and Supplies	15,322	18,300	18,300	16,382	17,500	18,300	18,300
623700	Wearing Apparel	536	3,500	3,500	—	3,000	3,500	3,500
623780	Safety and Medical Supplies	8,598	8,000	8,000	5,258	6,400	8,000	8,000
623810	Computer Supplies	48	1,400	1,400	941	1,300	13,400	13,400
623820	Fuel	191,706	179,100	179,100	178,596	132,600	174,500	174,500
623860	Lubricants	1,900	1,500	1,700	1,615	1,700	2,000	2,000
623990	Materials and Supplies, N.O.C.	95,066	32,300	32,300	26,307	28,800	22,400	22,400
300	TOTAL MATERIALS AND SUPPLIES	689,293	832,400	843,500	763,976	695,300	802,900	802,900
634760	Material Handling and Farming Equipment	—	50,000	26,000	—	—	6,500	6,500
634790	Marine Equipment	—	80,000	80,000	78,500	78,500	—	—
634860	Vehicle Equipment	—	320,000	319,200	319,168	319,200	351,000	351,000
634970	Testing and Laboratory Equipment	22,589	—	—	—	—	—	—
634990	Machinery & Eqpt NOC	—	—	6,200	6,150	6,200	—	—
400	TOTAL MACHINERY AND EQUIPMENT	22,589	450,000	431,400	403,818	403,900	357,500	357,500
TOTAL GENERAL DIVISION		\$ 24,143,152	\$ 31,771,800	\$ 31,366,700	\$ 26,719,756	\$ 28,724,400	\$ 31,680,800	\$ 31,561,600

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.

Fund: Corporate Dept: Maintenance & Operations Division: General		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee On Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
601	Executive Office					
EX14	Director of Maintenance & Operations	1	1		1	
EX06	Secretary to Officer	1	1		1	
TOTAL 601	Executive Office	2	2	376,864	2	376,865
611	General Division Executive Office					
HP22	Assistant Director of Maintenance & Operations	1	1		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 611	General Division Executive Office	2	2	242,050	2	294,022
620	Administrative Section					
621	Administrative Unit					
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	479,163	4	484,121
TOTAL 620	Administrative Section	4	4	479,163	4	484,121
630	Waterways Control Section					
631	Administrative Unit					
HP20	Managing Engineer	1	1		1	
TOTAL 631	Administrative Unit	1	1	200,508	1	166,379
633	Channel Control Unit					
NR6271	Systems Dispatcher	4	5		5	
TOTAL 633	Channel Control Unit	4	5	597,688	5	611,104
634	Channel Maintenance Unit					
	(* 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				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee On Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
635	Lockport Powerhouse Unit					
NR7394	Powerhouse Mechanic Leadman	1	1		1	
NR7393	Powerhouse Mechanic	1	1		1	
TOTAL 635	Lockport Powerhouse Unit	2	2	247,728	2	253,302
636	Boat Operations Unit					
	(* Number of positions budgeted and funded by the Stormwater Management Fund appears below position count)					
HP14	Engineering Technician V	—	—		—	
		(*1)	(*2)		(*2)	
HP14	Engineering Technician V #4	—	—		—	
		(*1)				
HP12	Engineering Technician IV	—	—		—	
		(*1)	(*2)		(*2)	
HP12	Engineering Technician IV #4	—	—		—	
		(*1)				
NR8650	Maintenance Laborer Class A Shift	—	—		—	
		(*2)	(*2)		(*2)	
TOTAL 636	Boat Operations Unit	—	—	—	—	—
TOTAL	Stormwater Management Fund Positions	(*6)	(*6)		(*6)	
639	Channel Maintenance Unit (formerly Stickney Service Area Channel Maintenance Unit)					
	(* Number of positions budgeted and funded by the Stormwater Management Fund appears below position count)					
HP14	Engineering Technician V	—	—		—	
		(*1)	(*1)		(*1)	
HP14	Engineering Technician V #4	—	—		—	
		(*1)	(*1)		(*1)	
NR8650	Maintenance Laborer Class A Shift	—	—		—	
		(*2)	(*2)		(*2)	
TOTAL 639	Channel Maintenance Unit (formerly Stickney Service Area Channel Maintenance Unit)	—	—	—	—	—
TOTAL	Stormwater Management Fund Positions	(*4)	(*4)		(*4)	
670	Collection System Section					
679	Collection System Unit					
	(* Number of positions budgeted and funded by the Stormwater Management Fund appears below position count)					
HP17	Senior Engineer	1	1		1	

Fund: Corporate Dept: Maintenance & Operations Division: General		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee On Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
HP15	Associate Civil Engineer	1	—		—	
HP15	Associate Civil Engineer #1	—	1		—	
HP14	Engineering Technician V	5	6		6	
HP11	Engineering Technician III	1	1		1	
NR8331	Laborer Foreman	6	6		6	
		(*1)	(*1)		(*1)	
NR8650	Maintenance Laborer Class A Shift	14	14		14	
		(*4)	(*4)		(*4)	
PR6473	Truck Driver	6	6		6	
		(*1)	(*1)		(*1)	
TOTAL 679	Collection System Unit	34	35	3,140,078	34	3,078,002
TOTAL	Stormwater Management Fund Positions	(*6)	(*6)		(*6)	
TOTAL 670	Collection System Section	34	35	3,140,078	34	3,078,002
TOTAL	Stormwater Management Fund Positions	(*6)	(*6)		(*6)	
TOTAL 630	Waterways Control Section	41	43	4,186,003	42	4,108,787
TOTAL	Stormwater Management Fund Positions	(*18)	(*18)		(*18)	
640	Technical Administration Section					
641	Technical Administration Unit					
HP20	Managing Engineer	1	1		1	
TOTAL 641	Technical Administration Unit	1	1	200,508	1	166,379
642	Contract Administration Unit - MOB					
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		1	
TOTAL 642	Contract Administration Unit - MOB	4	4	498,301	4	498,301
643	Technical Services Unit					
HP17	Senior Engineer	1	1		1	
HP15	Associate Civil Engineer	1	1		1	
TOTAL 643	Technical Services Unit	2	2	242,717	2	248,479

Fund: Corporate Dept: Maintenance & Operations Division: General		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee On Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
644	Construction Design Unit					
HP18	Principal Engineer	1	1		1	
TOTAL 644	Construction Design Unit	1	1	159,047	1	159,047
TOTAL 640	Technical Administration Section	8	8	1,100,573	8	1,072,206
650	Solids Management Section					
651	Solids Administration Unit					
HP20	Managing Engineer	1	1		1	
HP12	Administrative Assistant #2 (Administrative Specialist) (New Grade HP11)	1	1		1	
TOTAL 651	Solids Administration Unit	2	2	270,789	2	279,322
652	Solids Field Operations Unit					
HP18	Principal Engineer	1	1		1	
HP17	Senior Engineer	1	1		1	
HP15	Associate Civil Engineer	—	1		1	
HP14	Engineering Technician V	3	3		4	
HP14	Engineering Technician V #4	2	2		1	
HP12	Engineering Technician IV	3	3		3	
HP11	Engineering Technician III	1	1		1	
TOTAL 652	Solids Field Operations Unit	11	12	1,246,412	12	1,233,419
653	Solids Operations Administration Unit					
HP17	Senior Engineer	1	1		1	
HP15	Associate Civil Engineer	1	1		—	
HP12	Engineering Technician IV #4	1	1		1	
NR8651	Maintenance Laborer Class A	—	1		1	
NR8652	Maintenance Laborer Class B	1	—		—	
NR8652	Maintenance Laborer Class B #1	—	1		—	
TOTAL 653	Solids Operations Administration Unit	4	5	493,447	3	318,733
654	Fulton County Field Operations Unit					
HP12	Agricultural Technician II	1	1		1	

Fund: Corporate Dept: Maintenance & Operations Division: General		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee On Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
HP11	Agricultural Technician I	1	1		1	
HP11	Administrative Specialist	1	1		—	
TOTAL 654	Fulton County Field Operations Unit	3	3	215,342	2	156,208
TOTAL 650	Solids Management Section	20	22	2,225,990	19	1,987,681
660	Site Remediation Section					
661	Site Remediation Unit					
HP20	Engineer of Site Remediation	1	1		1	
HP17	Site Remediation Specialist	1	1		1	
TOTAL 661	Site Remediation Unit	2	2	330,295	2	338,827
TOTAL 660	Site Remediation Section	2	2	330,295	2	338,827
681	Asset Management Section					
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	4	5		5	
HP17	Senior Engineer	—	1		1	
HP17	Senior Mechanical Engineer	4	4		4	
HP15	Associate Electrical Engineer	6	7		7	
HP15	Associate Mechanical Engineer	4	5		5	
HP14	Assistant Mechanical Engineer	2	2		3	
HP14	Assistant Mechanical Engineer #2 (Engineering Technician IV) (New Grade HP12)	1	1		—	
HP14	Engineering Technician V	1	1		2	
TOTAL 681	Asset Management Section	28	32	4,092,628	33	4,096,778
TOTAL	Maintenance & Operations General Division	107	115	13,033,567	112	12,759,286
TOTAL	Stormwater Management Fund Positions	(*18)	(*18)		(*18)	

Note: 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.

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.

Account Number	Account Name	LINE ITEM ANALYSIS						
		2018		2019			2020	
		Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
101 67000	Fund: Corporate Department: Maintenance & Operations Division: North Service Area							
601010	Salaries of Regular Employees	\$ 23,437,602	\$ 24,470,800	\$ 24,470,800	\$ 16,554,856	\$ 23,524,700	\$ 24,327,500	\$ 24,446,700
601060	Compensation Plan Adjustments	1,308,925	1,361,200	1,361,200	1,159,884	1,361,200	1,349,900	1,349,900
601070	Social Security and Medicare Contributions	342,766	360,000	360,000	254,970	347,600	361,800	361,800
601100	Tuition and Training Payments	42,425	42,900	42,900	23,617	42,900	52,400	52,400
100	TOTAL PERSONAL SERVICES	25,131,718	26,234,900	26,234,900	17,993,327	25,276,400	26,091,600	26,210,800
612010	Travel	9,548	14,000	14,000	5,188	9,400	10,900	10,900
612030	Meals and Lodging	28,106	23,200	23,200	15,294	16,200	17,400	17,400
612050	Compensation for Personally-Owned Automobiles	21,915	19,000	19,000	12,628	17,400	22,000	22,000
612080	Motor Vehicle Operating Services	96	1,000	900	120	400	500	500
612150	Electrical Energy	8,253,330	7,088,800	7,088,800	5,214,503	7,588,800	8,260,700	8,260,700
612160	Natural Gas	669,175	475,500	505,500	454,543	484,100	678,100	678,100
612170	Water and Water Services	71,549	75,800	75,800	49,281	67,000	75,800	75,800
612210	Communication Services	210,401	—	—	—	—	—	—
612240	Testing and Inspection Services	26,526	42,200	42,200	40,806	29,600	43,700	43,700
612330	Rental Charges	2,231	3,000	3,000	2,000	2,600	2,400	2,400
612410	Governmental Service Charges	3,558,121	3,438,500	3,438,500	2,752,110	3,438,500	3,693,300	3,693,300
612420	Maintenance of Grounds and Pavements	13,511	112,600	49,700	45,373	37,600	115,100	115,100
612490	Contractual Services, N.O.C.	3,446	3,400	3,400	1,672	500	1,500	1,500
612520	Waste Material Disposal Charges	509,450	514,800	509,800	509,278	509,800	569,600	569,600
612530	Farming Services	20,000	24,000	18,200	18,200	18,200	60,000	60,000
612600	Repairs to Collection Facilities	20,460	74,100	386,300	372,650	360,000	90,300	342,100
612650	Repairs to Process Facilities	1,146,372	1,138,700	1,263,900	1,263,822	1,178,700	1,663,200	1,559,900
612680	Repairs to Buildings	160,839	208,700	294,300	281,566	210,000	320,900	320,900
612760	Repairs to Material Handling and Farming Equipment	14,787	24,400	24,400	20,277	20,000	27,700	27,700
612780	Safety Repairs and Services	72,108	85,000	85,000	85,000	75,000	85,000	85,000
612860	Repairs to Vehicle Equipment	27,050	8,000	27,800	27,799	15,300	16,000	16,000
200	TOTAL CONTRACTUAL SERVICES	14,839,020	13,374,700	13,873,700	11,172,107	14,079,100	15,754,100	15,902,600
623030	Metals	11,412	10,000	9,000	8,717	9,000	10,000	10,000
623070	Electrical Parts and Supplies	1,005,448	1,211,200	1,181,200	1,153,659	1,181,200	1,048,500	900,000
623090	Plumbing Accessories and Supplies	132,608	155,400	225,400	199,209	170,400	173,900	173,900
623130	Buildings, Grounds, Paving Materials, and Supplies	17,160	20,100	28,100	24,319	24,100	21,600	21,600
623190	Paints, Solvents, and Related Materials	441	1,400	1,400	1,064	1,400	2,300	2,300

Account Number	Account Name	LINE ITEM ANALYSIS						
		2018		2019			2020	
		Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
101 67000	Fund: Corporate Department: Maintenance & Operations Division: North Service Area							
623250	Vehicle Parts and Supplies	16,492	12,000	14,000	13,791	14,000	12,000	12,000
623270	Mechanical Repair Parts	613,233	681,400	816,500	765,920	600,000	745,000	745,000
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	16,362	13,800	12,000	11,562	12,000	14,300	14,300
623560	Processing Chemicals	1,069,398	1,315,700	1,227,900	1,186,239	1,227,900	998,900	998,900
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	18,699	25,600	24,000	22,724	23,700	27,100	27,100
623680	Tools and Supplies	80,797	66,900	76,900	75,174	76,900	59,500	59,500
623780	Safety and Medical Supplies	12,415	12,000	12,000	9,738	12,000	14,000	14,000
623800	Computer Software	—	21,000	21,000	18,806	17,900	4,500	4,500
623810	Computer Supplies	8,662	25,000	29,500	28,189	25,500	13,200	13,200
623820	Fuel	15,942	13,700	13,700	13,109	13,700	16,000	16,000
623850	Communications Supplies	—	15,000	15,000	14,782	14,800	15,000	15,000
623860	Lubricants	3,763	3,000	3,700	3,240	2,000	3,000	3,000
623990	Materials and Supplies, N.O.C.	6,092	6,500	6,500	6,284	6,500	6,200	6,200
300	TOTAL MATERIALS AND SUPPLIES	3,028,924	3,609,700	3,717,800	3,556,528	3,433,000	3,185,000	3,036,500
634600	Equipment for Collection Facilities	44,118	60,000	51,700	50,476	50,500	40,000	40,000
634650	Equipment for Process Facilities	92,905	97,700	152,900	149,505	106,500	115,000	115,000
634760	Material Handling and Farming Equipment	—	—	—	—	—	38,000	38,000
634810	Computer Equipment	—	140,000	138,100	138,066	138,100	—	—
634860	Vehicle Equipment	—	65,000	65,600	65,571	65,000	160,000	160,000
400	TOTAL MACHINERY AND EQUIPMENT	137,023	362,700	408,300	403,618	360,100	353,000	353,000
TOTAL NORTH SERVICE AREA		\$ 43,136,685	\$ 43,582,000	\$ 44,234,700	\$ 33,125,580	\$ 43,148,600	\$ 45,383,700	\$ 45,502,900

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

Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee On Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
710	North Service Area Executive Office					
HP22	Assistant Director of Maintenance & Operations	1	1		1	
HP20	Managing Engineer	1	1		1	
HP14	Engineering Technician V	1	1		1	
HP12	Secretary #2 (Administrative Specialist) (New Grade HP11)	1	1		1	
TOTAL 710	North Service Area Executive Office	4	4	641,326	4	641,326
711	North Service Area Budget Control Unit					
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	205,946	2	211,390
715	Terrence J. O'Brien Water Reclamation Plant Branch					
715	Terrence J. O'Brien Water Reclamation Plant Branch Office					
HP21	Engineer of Treatment Plant Operations I #2 (Managing Engineer) (New Grade HP20)	1	1		1	
TOTAL 715	Terrence J. O'Brien Water Reclamation Plant Branch Office	1	1	217,579	1	217,579
720	Plant Engineering & Maintenance Section					
743	Buildings & Grounds Unit					
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	756,986	11	773,327
723	Electrical Engineering Unit					
HP15	Associate Process Control Engineer	1	1		1	
NR6251	Chief Electrical Operator	1	1		1	
NR6233	Electrical Operator II	5	5		5	
NR6232	Electrical Operator I	2	2		2	
TOTAL 723	Electrical Engineering Unit	9	9	914,822	9	933,397

Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee On Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
724	Maintenance Unit					
HP19	Master Mechanic II	1	—		—	
HP19	Master Mechanic	—	1		1	
HP18	Principal Electrical Engineer	—	—		1	
HP17	Assistant Master Mechanic	4	4		4	
HP17	Senior Electrical Engineer	2	2		1	
HP15	Associate Civil Engineer #2 (Engineering Technician IV) (New Grade HP12)	—	—		1	
HP15	Associate Process Control Engineer	—	1		1	
HP14	Assistant Electrical Engineer	1	1		1	
HP12	Engineering Technician IV	—	1		—	
HP11	Administrative Specialist	1	1		1	
TOTAL 724	Maintenance Unit	9	11	1,347,462	11	1,393,656
760	Area Maintenance Section					
764	Area Maintenance Unit					
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	13	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	
PR5553	Painter	2	2		2	

Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee On Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
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	79	80	8,117,658	80	8,279,461
TOTAL 760	Area Maintenance Section	79	80	8,117,658	80	8,279,461
TOTAL 720	Plant Engineering & Maintenance Section	108	111	11,136,929	111	11,379,841
730	Plant Operations Section					
731	Administrative Unit					
HP19	Assistant Engineer of Treatment Plant Operations II #2 (Principal Engineer) (New Grade HP18)	1	1		—	
HP18	Principal Engineer	—	—		1	
HP12	Engineering Technician IV	1	1		1	
TOTAL 731	Administrative Unit	2	2	260,957	2	223,981
732	Treatment Operations Unit					
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		4	
NR8651	Maintenance Laborer Class A	2	2		2	
TOTAL 732	Treatment Operations Unit	19	19	1,706,588	19	1,726,506
734	Mechanical Operations Unit					
HP17	Chief Operating Engineer I	1	1		1	
HP16	Assistant Chief Operating Engineer	1	1		1	
NR6810	Fireman-Oiler	6	6		6	
NR6810	Fireman-Oiler #1	—	—		3	

Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee On Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
NR6832	Operating Engineer II	8	8		8	
NR6831	Operating Engineer I	5	5		5	
TOTAL 734	Mechanical Operations Unit	21	21	2,164,208	24	2,477,581
TOTAL 730	Plant Operations Section	42	42	4,131,753	45	4,428,068
TOTAL 715	Terrence J. O'Brien Water Reclamation Plant Branch	151	154	15,486,261	157	16,025,488
750	Hanover Park Water Reclamation Plant Section					
751	Administrative Unit					
HP20	Managing Engineer	1	1		1	
HP19	Assistant Engineer of Treatment Plant Operations II #2 (Principal Engineer) (New Grade HP18)	1	—		—	
HP11	Administrative Specialist	1	1		1	
TOTAL 751	Administrative Unit	3	2	273,386	2	273,386
753	Operations Unit					
HP17	Senior Engineer	1	—		1	
HP17	Senior Mechanical Engineer	—	1		—	
HP16	Treatment Plant Operator III	1	1		1	
HP14	Treatment Plant Operator II	6	6		7	
HP14	Treatment Plant Operator II #4	1	1		—	
HP12	Treatment Plant Operator I	5	5		5	
NR6810	Fireman-Oiler	1	1		1	
TOTAL 753	Operations Unit	15	15	1,433,815	15	1,431,006
755	General Plant Services Unit					
HP14	Engineering Technician V	1	1		1	
NR8651	Maintenance Laborer Class A	1	2		2	
NR8652	Maintenance Laborer Class B	2	1		1	
NR8652	Maintenance Laborer Class B #1	—	1		—	
TOTAL 755	General Plant Services Unit	4	5	379,467	4	323,382
TOTAL 750	Hanover Park Water Reclamation Plant Section	22	22	2,086,668	21	2,027,774

Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee On Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
780	James C. Kirie Water Reclamation Plant Section					
781	Administrative Unit					
HP20	Managing Engineer	1	1		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 781	Administrative Unit	2	2	242,577	2	254,545
783	Operations Unit					
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	6		7	
HP14	Treatment Plant Operator II #4	1	1		—	
HP12	Treatment Plant Operator I	4	4		2	
NR6810	Fireman-Oiler	2	2		1	
NR8650	Maintenance Laborer Class A Shift	4	3		3	
NR8650	Maintenance Laborer Class A Shift #1	—	1		—	
NR6831	Operating Engineer I	6	6		6	
TOTAL 783	Operations Unit	26	26	2,536,325	22	2,228,886
785	General Plant Services Unit					
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	398,823	5	405,521
TOTAL 780	James C. Kirie Water Reclamation Plant Section	33	33	3,177,725	29	2,888,952
790	John E. Egan Water Reclamation Plant Section					
791	Administrative Unit					
HP20	Managing Engineer	1	1		1	
HP18	Principal Engineer	1	1		1	

Fund: Corporate Dept: Maintenance & Operations Division: North Service Area		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee On Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
HP11	Administrative Specialist	1	1		1	
TOTAL 791	Administrative Unit	3	3	422,866	3	432,433
793	Operations Unit					
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		2	
NR8650	Maintenance Laborer Class A Shift	—	1		1	
NR8651	Maintenance Laborer Class A	1	1		1	
NR6832	Operating Engineer II	1	1		1	
NR6831	Operating Engineer I	6	6		6	
TOTAL 793	Operations Unit	23	24	2,245,646	25	2,346,719
795	General Plant Services Unit					
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	467,293	6	477,818
TOTAL 790	John E. Egan Water Reclamation Plant Section	32	33	3,135,805	34	3,256,970
TOTAL	Maintenance & Operations North Service Area	244	248	24,733,730	247	25,051,899
Note: There are no positions budgeted for the Stormwater Management Fund for 2020.						
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 68000	Fund: Corporate Department: Maintenance & Operations Division: Calumet Service Area	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 17,243,041	\$ 18,245,700	\$ 18,040,700	\$ 12,490,914	\$ 17,576,100	\$ 18,497,300	\$ 18,601,400
601060	Compensation Plan Adjustments	1,182,297	795,800	990,800	749,775	845,800	1,087,800	1,087,800
601070	Social Security and Medicare Contributions	258,525	272,800	272,800	191,617	262,800	273,800	273,800
601080	Salaries of Nonbudgeted Employees	—	—	38,600	18,840	27,000	—	—
601100	Tuition and Training Payments	23,524	24,500	24,500	7,785	22,800	30,600	30,600
100	TOTAL PERSONAL SERVICES	18,707,387	19,338,800	19,367,400	13,458,930	18,734,500	19,889,500	19,993,600
612010	Travel	743	5,000	5,000	—	2,700	5,000	5,000
612030	Meals and Lodging	9,701	10,000	10,000	4,744	8,300	10,000	10,000
612050	Compensation for Personally-Owned Automobiles	36,779	40,000	40,000	36,500	40,000	40,000	40,000
612080	Motor Vehicle Operating Services	135	100	200	168	200	300	300
612150	Electrical Energy	9,781,031	8,558,300	8,558,300	6,006,758	8,558,300	9,791,400	9,791,400
612160	Natural Gas	694,439	565,200	565,200	454,378	565,200	681,300	681,300
612170	Water and Water Services	385,127	390,200	390,200	247,069	390,200	390,500	390,500
612210	Communication Services	336,301	—	3,000	2,917	—	3,000	3,000
612240	Testing and Inspection Services	42,681	66,900	57,700	40,835	33,800	73,300	73,300
612330	Rental Charges	9,200	10,000	10,000	300	2,000	15,000	15,000
612410	Governmental Service Charges	98,116	103,000	103,000	97,491	100,100	103,000	103,000
612420	Maintenance of Grounds and Pavements	—	145,000	137,000	59,328	80,500	145,000	87,900
612490	Contractual Services, N.O.C.	3,634	10,500	10,500	4,465	4,000	10,500	10,500
612520	Waste Material Disposal Charges	343,777	392,100	392,100	384,521	362,200	410,800	410,800
612600	Repairs to Collection Facilities	41,313	153,300	149,100	142,350	104,500	101,500	101,500
612650	Repairs to Process Facilities	1,643,373	1,748,600	1,694,900	1,667,489	1,465,200	3,550,400	3,503,400
612680	Repairs to Buildings	315,526	494,300	429,700	437,667	374,700	481,300	481,300
612760	Repairs to Material Handling and Farming Equipment	89,314	52,000	52,000	45,870	45,900	52,000	52,000
612780	Safety Repairs and Services	13,994	20,000	20,000	20,000	18,000	20,000	20,000
612860	Repairs to Vehicle Equipment	52,928	53,500	53,500	53,450	52,500	53,500	53,500
612990	Repairs, N.O.C.	2,141	8,000	8,000	1,000	4,400	8,000	8,000
200	TOTAL CONTRACTUAL SERVICES	13,900,254	12,826,000	12,689,400	9,707,299	12,212,700	15,945,800	15,841,700
623030	Metals	7,708	10,100	14,700	12,512	11,500	10,100	10,100
623070	Electrical Parts and Supplies	520,088	424,800	544,800	459,354	424,800	387,300	387,300
623090	Plumbing Accessories and Supplies	281,878	204,600	204,600	147,613	174,100	226,100	226,100
623110	Hardware	2,383	2,800	2,800	2,800	2,500	2,800	2,800

101 68000	Fund: Corporate Department: Maintenance & Operations Division: Calumet Service Area	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623130	Buildings, Grounds, Paving Materials, and Supplies	31,957	51,600	46,600	40,193	36,100	52,500	52,500
623190	Paints, Solvents, and Related Materials	2,595	2,800	2,800	2,800	2,400	2,800	2,800
623250	Vehicle Parts and Supplies	33,668	36,000	36,000	36,000	31,400	36,000	36,000
623270	Mechanical Repair Parts	678,203	844,600	811,100	673,738	608,700	527,100	527,100
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	11,210	10,000	9,300	7,727	9,300	10,000	10,000
623560	Processing Chemicals	1,297,294	1,916,800	1,747,400	1,724,809	1,229,300	1,555,900	1,555,900
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	1,307	3,000	3,000	2,110	2,900	3,000	3,000
623660	Cleaning Supplies	2,219	1,000	700	500	700	1,000	1,000
623680	Tools and Supplies	26,572	38,300	38,300	37,449	36,000	48,300	48,300
623780	Safety and Medical Supplies	13,268	20,300	20,300	17,504	16,100	20,300	20,300
623810	Computer Supplies	—	300	6,300	6,088	200	—	—
623820	Fuel	40,980	47,400	47,400	47,359	44,200	50,000	50,000
623860	Lubricants	—	2,000	1,000	500	500	2,000	2,000
623990	Materials and Supplies, N.O.C.	19,372	32,000	32,000	25,049	23,000	31,000	31,000
300	TOTAL MATERIALS AND SUPPLIES	2,970,700	3,648,400	3,569,100	3,244,105	2,653,700	2,966,200	2,966,200
634650	Equipment for Process Facilities	62,964	79,000	62,500	61,128	62,000	159,000	159,000
634760	Material Handling and Farming Equipment	—	300,000	293,000	292,990	293,000	—	—
634860	Vehicle Equipment	—	535,000	524,300	524,297	524,300	—	—
634990	Machinery and Equipment, N.O.C.	—	—	6,100	5,761	—	—	—
400	TOTAL MACHINERY AND EQUIPMENT	62,964	914,000	885,900	884,176	879,300	159,000	159,000
TOTAL CALUMET SERVICE AREA		\$ 35,641,306	\$ 36,727,200	\$ 36,511,800	\$ 27,294,509	\$ 34,480,200	\$ 38,960,500	\$ 38,960,500

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

Fund: Corporate Dept: Maintenance & Operations Division: Calumet Service Area		POSITION ANALYSIS				
		2018	2019		2020	
				Recommended By Committee On Budget / Employment		
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
810	Calumet Executive Office					
HP22	Assistant Director of Maintenance & Operations	1	1		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 810	Calumet Executive Office	2	2	314,037	2	304,330
811	Administrative & Budget Control Unit					
HP14	Budget & Management Analyst	2	2		2	
HP12	Secretary #2 (Administrative Specialist) (New Grade HP11)	1	1		1	
HP11	Administrative Specialist	1	1		1	
HP09	Administrative Clerk	1	1		1	
TOTAL 811	Administrative & Budget Control Unit	5	5	411,531	5	419,039
820	Plant Engineering & Maintenance Section					
821	Administrative Unit					
HP20	Managing Engineer	1	1		1	
HP14	Engineering Technician V	—	—		1	
TOTAL 821	Administrative Unit	1	1	200,508	2	293,796
823	Electrical Engineering Unit					
HP15	Associate Process Control Engineer	1	2		2	
HP14	Engineering Technician V	1	1		—	
NR6251	Chief Electrical Operator	1	1		1	
NR6233	Electrical Operator II	5	5		5	
NR6232	Electrical Operator I	6	6		6	
TOTAL 823	Electrical Engineering Unit	14	15	1,521,636	14	1,462,870
824	Maintenance Unit					
HP19	Master Mechanic	—	1		1	
HP18	Master Mechanic I	1	—		—	
HP18	Master Mechanic I #1	—	1		—	
HP17	Assistant Master Mechanic	3	3		3	
PR5353	Bricklayer	1	1		1	
PR5155	Carpenter Leadman	1	1		1	

Fund: Corporate Dept: Maintenance & Operations Division: Calumet Service Area		POSITION ANALYSIS				
		2018	2019		2020	
				Recommended By Committee On Budget / Employment		
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
PR5153	Carpenter	2	2		2	
PR7425	Electrical Instrument & Testing Mechanic Foreman	1	1		1	
PR7423	Electrical Instrument & Testing Mechanic	7	7		7	
PR7347	Electrical Mechanic Foreman	1	1		1	
PR7349	Electrical Mechanic Sub-Foreman	1	1		1	
PR7343	Electrical Mechanic	9	10		10	
PR6453	Hoisting Engineer	3	3		3	
PR7579	Machinist Foreman	1	1		1	
PR7573	Machinist	10	10		10	
PR5553	Painter	2	2		2	
PR7779	Pipefitter Foreman	1	1		1	
PR7773	Pipefitter	9	9		9	
PR5753	Plumber	2	2		2	
PR5975	Structural Ironworker Leadman	1	1		1	
PR5973	Structural Ironworker	5	5		5	
PR5973	Structural Ironworker #1	—	—		1	
PR6479	Truck Driver Foreman	1	1		1	
PR6473	Truck Driver	4	4		4	
TOTAL 824	Maintenance Unit	66	68	7,076,768	68	7,167,487
843	Buildings & Grounds Unit					
HP14	Engineering Technician V	—	1		1	
HP12	Engineering Technician IV	2	1		1	
NR8331	Laborer Foreman	2	2		2	
NR8651	Maintenance Laborer Class A	8	8		8	
NR8652	Maintenance Laborer Class B	10	10		10	
TOTAL 843	Buildings & Grounds Unit	22	22	1,552,037	22	1,593,152
TOTAL 820	Plant Engineering & Maintenance Section	103	106	10,350,949	106	10,517,304

Fund: Corporate Dept: Maintenance & Operations Division: Calumet Service Area		POSITION ANALYSIS				
		2018	2019		2020	
				Recommended By Committee On Budget / Employment		
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
830	Plant Operations Section					
831	Administrative Unit					
HP21	Engineer of Treatment Plant Operations I #2 (Managing Engineer) (New Grade HP20)	1	1		1	
HP18	Principal Engineer	1	1		1	
TOTAL 831	Administrative Unit	2	2	376,626	2	376,626
832	Treatment Operations Unit					
HP16	Treatment Plant Operator III	1	1		1	
HP14	Treatment Plant Operator II	7	7		7	
HP14	Treatment Plant Operator II #4	1	1		1	
HP12	Treatment Plant Operator I	5	5		5	
NR8650	Maintenance Laborer Class A Shift	8	8		8	
NR8651	Maintenance Laborer Class A	1	1		1	
TOTAL 832	Treatment Operations Unit	23	23	2,059,247	23	2,083,527
834	Mechanical Operations Unit					
HP17	Chief Operating Engineer I	1	1		1	
HP16	Assistant Chief Operating Engineer	2	2		2	
NR6810	Fireman-Oiler	5	5		5	
NR8650	Maintenance Laborer Class A Shift	7	7		7	
NR6832	Operating Engineer II	12	12		12	
NR6831	Operating Engineer I	18	18		18	
PR6473	Truck Driver	2	2		2	
TOTAL 834	Mechanical Operations Unit	47	47	4,704,766	47	4,809,986
839	Lemont Operations Unit					
HP14	Treatment Plant Operator II	1	1		1	
HP12	Treatment Plant Operator I	2	2		2	
TOTAL 839	Lemont Operations Unit	3	3	278,394	3	278,394
TOTAL 830	Plant Operations Section	75	75	7,419,034	75	7,548,533
TOTAL	Maintenance & Operations Calumet Service Area	185	188	18,495,550	188	18,789,206

Note: There are no positions budgeted for the Stormwater Management Fund for 2020.

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 69000	Fund: Corporate Department: Maintenance & Operations Division: Stickney Service Area	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 34,673,981	\$ 36,701,800	\$ 36,101,800	\$ 25,043,611	\$ 35,547,000	\$ 37,124,200	\$ 37,124,200
601060	Compensation Plan Adjustments	2,091,249	2,007,800	2,607,800	1,921,546	2,106,100	2,542,500	2,542,500
601070	Social Security and Medicare Contributions	512,672	543,400	543,400	390,922	534,100	546,700	546,700
601080	Salaries of Nonbudgeted Employees	—	1,500	1,500	—	—	1,500	1,500
601100	Tuition and Training Payments	75,049	91,500	91,500	32,054	80,000	91,500	91,500
100	TOTAL PERSONAL SERVICES	37,352,951	39,346,000	39,346,000	27,388,133	38,267,200	40,306,400	40,306,400
612010	Travel	6,101	7,400	7,400	573	5,000	5,400	5,400
612030	Meals and Lodging	23,815	21,600	21,600	16,839	21,000	26,500	26,500
612050	Compensation for Personally-Owned Automobiles	42,138	40,000	40,000	33,484	38,000	45,000	45,000
612080	Motor Vehicle Operating Services	66	300	300	29	200	300	300
612150	Electrical Energy	20,668,245	20,726,700	20,726,700	13,236,322	22,926,700	20,226,600	20,226,600
612160	Natural Gas	1,732,690	1,896,600	1,866,600	908,785	1,800,000	2,022,600	2,022,600
612170	Water and Water Services	1,538,092	1,437,600	1,437,600	1,116,891	1,337,900	1,543,200	1,543,200
612210	Communication Services	181,452	—	—	—	—	—	—
612240	Testing and Inspection Services	106,524	51,500	57,700	49,881	51,200	64,400	64,400
612330	Rental Charges	130,631	139,900	139,800	139,218	133,000	146,000	146,000
612410	Governmental Service Charges	89,880	90,200	90,200	89,880	90,200	90,200	90,200
612420	Maintenance of Grounds and Pavements	136,054	505,000	143,700	139,610	203,500	550,500	550,500
612430	Payments for Professional Services	18,540	19,000	19,000	18,540	18,600	19,000	19,000
612490	Contractual Services, N.O.C.	188,918	403,700	386,400	371,537	324,300	372,400	372,400
612520	Waste Material Disposal Charges	542,014	606,500	606,500	606,500	539,000	583,000	583,000
612590	Sludge Disposal	3,785,843	—	—	—	—	—	—
612600	Repairs to Collection Facilities	2,099,659	2,071,500	2,320,300	2,320,218	2,261,000	2,032,000	2,247,500
612650	Repairs to Process Facilities	2,529,413	3,080,700	3,429,200	3,417,874	3,162,000	4,698,500	4,483,000
612670	Repairs to Railroads	312,917	266,900	417,600	302,749	216,000	396,700	396,700
612680	Repairs to Buildings	237,061	289,000	268,300	264,447	253,000	471,500	471,500
612780	Safety Repairs and Services	119,336	215,100	215,100	214,162	170,200	215,100	215,100
612840	Communications Equipment Maintenance (Includes Software)	3,120	—	—	—	—	—	—
612860	Repairs to Vehicle Equipment	16,453	24,600	18,800	18,730	16,000	24,600	24,600
612990	Repairs, N.O.C.	1,202	16,500	16,500	16,200	15,900	16,500	16,500
200	TOTAL CONTRACTUAL SERVICES	34,510,162	31,910,300	32,229,300	23,282,467	33,582,700	33,550,000	33,550,000
623030	Metals	9,949	10,400	12,800	12,800	11,500	10,400	10,400
623070	Electrical Parts and Supplies	934,311	1,041,700	1,106,700	1,039,885	1,041,700	1,108,200	1,108,200
623090	Plumbing Accessories and Supplies	231,648	452,800	349,000	323,033	387,000	338,600	338,600

101 69000	Fund: Corporate Department: Maintenance & Operations Division: Stickney Service Area	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623110	Hardware	3,398	3,500	3,500	3,286	3,200	6,100	6,100
623130	Buildings, Grounds, Paving Materials, and Supplies	32,840	40,200	50,700	50,578	47,500	40,200	40,200
623170	Fiber, Paper, and Insulation Materials	4,641	11,100	11,100	11,016	9,500	13,500	13,500
623190	Paints, Solvents, and Related Materials	3,388	8,800	8,800	8,800	2,300	1,300	1,300
623250	Vehicle Parts and Supplies	42,416	38,000	38,000	37,658	36,400	38,000	38,000
623270	Mechanical Repair Parts	2,027,063	1,927,800	2,100,000	1,954,676	1,927,800	2,458,100	2,458,100
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	10,635	11,000	15,000	14,258	11,600	11,000	11,000
623560	Processing Chemicals	7,024,418	8,966,000	8,384,800	8,213,073	7,256,000	8,300,500	8,300,500
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	364	—	1,600	1,280	1,400	800	800
623660	Cleaning Supplies	465	700	1,000	782	800	700	700
623680	Tools and Supplies	97,140	124,100	124,100	117,451	105,000	99,100	99,100
623700	Wearing Apparel	—	600	600	245	600	600	600
623780	Safety and Medical Supplies	20,775	1,400	1,400	145	300	1,400	1,400
623800	Computer Software	19,239	18,100	18,100	15,542	15,600	61,500	61,500
623810	Computer Supplies	26,257	143,300	79,800	75,489	85,800	10,000	10,000
623820	Fuel	63,906	92,000	92,000	91,910	83,900	87,400	87,400
623840	Gases	58	600	600	600	500	600	600
623850	Communications Supplies	4,900	—	—	—	—	—	—
623860	Lubricants	1,659	1,200	2,900	2,854	2,900	1,200	1,200
623990	Materials and Supplies, N.O.C.	38,285	46,700	42,200	34,848	22,500	31,700	31,700
300	TOTAL MATERIALS AND SUPPLIES	10,597,755	12,940,000	12,444,700	12,010,210	11,053,800	12,620,900	12,620,900
634650	Eqpt for Proc Facil	—	—	70,000	68,900	—	—	—
634670	Railroad Equipment	—	—	20,800	20,779	20,800	—	—
634860	Vehicle Equipment	—	279,000	282,900	282,723	282,800	—	—
634970	Testing and Laboratory Equipment	7,904	—	—	—	—	—	—
634990	Machinery and Equipment, N.O.C.	11,225	36,000	32,400	32,308	32,400	87,500	87,500
400	TOTAL MACHINERY AND EQUIPMENT	19,129	315,000	406,100	404,711	336,000	87,500	87,500
TOTAL STICKNEY SERVICE AREA		\$ 82,479,997	\$ 84,511,300	\$ 84,426,100	\$ 63,085,520	\$ 83,239,700	\$ 86,564,800	\$ 86,564,800

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.

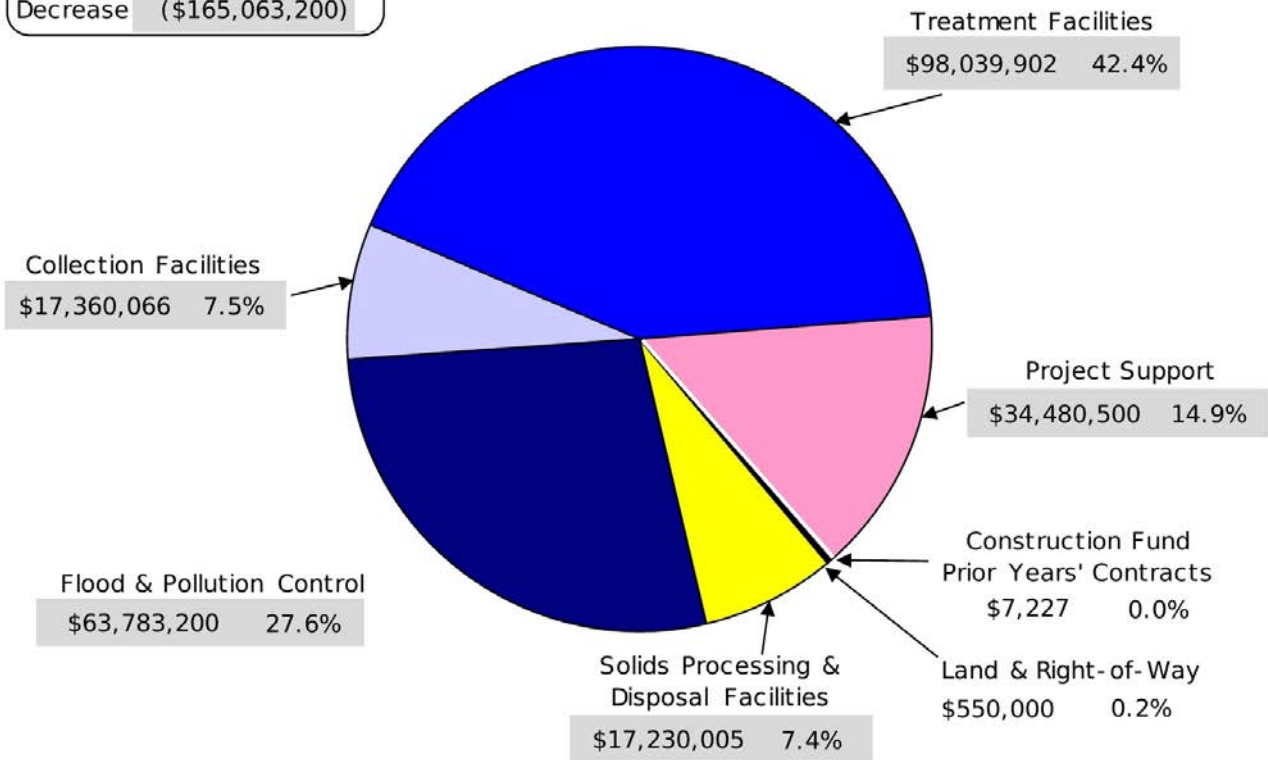
101 50000	Fund: Corporate Department: Engineering	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 24,781,944	\$ 24,611,100	\$ 24,236,100	\$ 15,886,477	\$ 22,687,900	\$ 23,829,000	\$ 23,829,000
601060	Compensation Plan Adjustments	454,091	459,100	759,100	509,479	602,800	503,600	503,600
601070	Social Security and Medicare Contributions	349,299	355,700	355,700	234,517	318,600	366,200	366,200
601100	Tuition and Training Payments	55,584	118,300	118,300	73,515	75,600	98,000	98,000
100	TOTAL PERSONAL SERVICES	25,640,918	25,544,200	25,469,200	16,703,988	23,684,900	24,796,800	24,796,800
612010	Travel	10,585	10,000	10,000	4,777	7,000	12,800	12,800
612030	Meals and Lodging	27,336	17,600	17,600	13,462	17,000	34,700	34,700
612040	Postage, Freight, and Delivery Charges	1,460	1,500	1,500	1,500	1,300	1,500	1,500
612050	Compensation for Personally-Owned Automobiles	7,898	10,000	9,800	4,451	7,000	8,000	8,000
612080	Motor Vehicle Operating Services	29	200	400	214	400	500	500
612090	Reprographic Services	3,500	3,500	3,500	3,500	3,500	3,500	3,500
612170	Water and Water Services	3,799	4,000	4,000	4,000	4,000	4,500	4,500
612240	Testing and Inspection Services	—	—	—	—	—	50,000	50,000
612430	Payments for Professional Services	126,995	126,900	201,900	190,721	133,900	318,600	318,600
612490	Contractual Services, N.O.C.	82,059	83,100	83,100	82,059	82,100	83,100	83,100
612620	Repairs to Waterway Facilities	43,044	71,100	71,100	70,955	71,000	47,900	47,900
612970	Repairs to Testing and Laboratory Equipment	2,592	5,000	5,000	3,436	5,000	5,500	5,500
612990	Repairs, N.O.C.	8,088	10,000	10,000	8,312	8,300	8,800	8,800
200	TOTAL CONTRACTUAL SERVICES	317,386	342,900	417,900	387,387	340,500	579,400	579,400
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	54,319	42,600	42,600	41,441	37,000	42,300	42,300
623680	Tools and Supplies	2,476	8,000	6,700	5,624	6,700	8,200	8,200
623700	Wearing Apparel	6,033	—	—	—	—	—	—
623720	Books, Maps, and Charts	2,676	3,500	4,800	3,858	4,800	5,000	5,000
623800	Computer Software	—	—	—	—	—	21,000	21,000
623990	Materials and Supplies, N.O.C.	—	—	—	—	—	200	200
300	TOTAL MATERIALS AND SUPPLIES	65,504	54,100	54,100	50,923	48,500	76,700	76,700
TOTAL ENGINEERING		\$ 26,023,808	\$ 25,941,200	\$ 25,941,200	\$ 17,142,298	\$ 24,073,900	\$ 25,452,900	\$ 25,452,900

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.

CAPITAL IMPROVEMENT PROGRAM CONSTRUCTION AND CAPITAL IMPROVEMENTS BOND FUNDS

2020	\$231,450,900
2019	\$396,514,100
Decrease	(\$165,063,200)

FUNCTIONS



A comprehensive Capital Improvement Program narrative appears on the following pages. The District utilizes the Construction and Capital Improvements Bond Funds for the Capital Improvement Program. Capital improvements comprise all new facilities and projects that preserve the useful life of District facilities or increase the capacity or efficiency of these facilities. The project support activities of the Construction and Capital Improvements Bond Funds consist of planning, designing, and constructing District infrastructure, acting as a liaison to the United States Environmental Protection Agency and the Illinois Environmental Protection Agency, and pursuing funding for capital projects from the Army Corps of Engineers.

Budget Highlights

The 2020 appropriation for the Capital Improvement Program (Construction and Capital Improvements Bond Funds) is \$231,450,900, a decrease of \$165,063,200, or 41.6 percent, from 2019. The decrease is due to the timing of projects scheduled for award in 2020. A total of 110 projects funded by the Construction or Capital Improvements Bond Funds will be under planning, design, or construction in 2020. There is one channel improvement project planned for award in 2020 under the Stormwater Management Capital Improvements Bond Fund Program. There are no staff positions budgeted in the Construction and Capital Improvements Bond Funds.

Construction Fund Program

Projects Under Construction						
Project Name	Project Number	Est. Construction Cost	2020 Appropriation	Duration (days)	Est. Award Date	
HVAC Improvements, Various Locations	18-611-23	\$ 1,851	\$ 270	540	Oct 2018	
Rehabilitate Raw Sewage Pump Rotating Assemblies, Various Locations	18-610-21	867	24	731	Nov 2018	
Roof Restoration, Lockport Powerhouse	19-612-22	452	452	301	Jul 2019	
Furnish, Deliver, and Install Four Sacrificial Deep Anode Ground Beds for the Cathodic Protection System, CSA	19-804-21	705	510	395	Aug 2019	
Furnish, Deliver, and Install a Shaftless Screw Conveyor in an Aerated Grit Tank, CWRP	18-802-22	415	374	300	Sep 2019	
Discharge Valve Rehabilitation, Main Sewage Pump No. 5, SWRP	19-905-21	1,088	500	806	Oct 2019	
Rehabilitate Gloria Alitto Majewski Reservoir, KWRP	16-708-21	1,200	1,100	420	Nov 2019	
Railroad Track Improvements, SSA	18-913-21	1,615	1,295	420	Nov 2019	
Furnish and Deliver Excitation Control Equipment, NBPS and RAPS	19-603-21	680	650	406	Nov 2019	
HVAC System Replacements, Various Locations	19-613-21	2,900	1,100	1,136	Nov 2019	
Rehabilitate Main Sewage Pump No. 2 Motor, SWRP	19-925-21	450	400	420	Nov 2019	
Furnish and Deliver One 44" x 80" Engine Lathe, OWRP	19-716-23	170	170	305	Dec 2019	
Furnish, Deliver, and Install an Upgraded Operator for TARP Gate I, OWRP	19-717-22	850	850	378	Dec 2019	
Total Projects Under Construction		\$ 13,243	\$ 7,695			

Awards in 2020						
Project Name	Project Number	Est. Construction Cost	2020 Appropriation	Duration (days)	Est. Award Date	
Furnish and Deliver HVAC Coils, Various Locations	19-608-22	\$ 78	\$ 78	180	Jan 2020	
Rebuild Gatehouses 1 & 2 and the Sludge Concentration Building, OWRP	19-707-22	155	155	305	Mar 2020	
Furnish, Deliver, and Install Effluent Pipe Liner, HPWRP	20-701-21	300	300	287	Mar 2020	
Furnish, Deliver, and Install Dewatering Screw Conveyor, EWRP	20-702-21	500	250	652	Mar 2020	
Advanced Combined Phosphorus and Nitrogen Recovery Pilot, SWRP	20-1XX-21	100	100	213	Jun 2020	
Furnish, Deliver, and Install Shaftless Screw Conveyor Systems at the Aerated Grit Facility, CWRP	20-802-21	3,000	1,786	578	Jun 2020	
Remove and Replace Two Boilers, MOB	J15090-076	1,200	1,200	122	Jun 2020	
Furnish, Deliver, and Install 480V Power Feeds to Aeration Batteries A, B, and C, CWRP	J68823-001.A	250	250	213	Jun 2020	
Furnish, Deliver, and Install Automatic Transfer Switches, LWRP	J68823-002.A	250	250	213	Jun 2020	
Total 2020 Awards		\$ 5,833	\$ 4,369			
Cumulative Projects Under Construction and 2020 Awards		\$ 19,076	\$ 12,064			

Note: All cost figures are in thousands of dollars.

201 50000	Fund: Construction Department: Engineering	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
612240	Testing and Inspection Services	\$ 661,739	\$ 1,303,000	\$ 1,321,500	\$ 1,321,345	\$ 1,125,000	\$ 892,700	\$ 892,700
612400	Intergovernmental Agreements	64,280	1,068,500	1,068,500	1,068,500	68,400	1,065,000	2,065,000
612430	Payments for Professional Services	2,394,499	1,131,200	1,112,700	845,185	794,900	1,900,000	1,900,000
612440	Preliminary Engineering Reports and Studies	25,810	213,000	213,000	204,089	204,200	123,000	123,000
612450	Professional Engineering Services for Construction Projects	11,875	—	—	—	—	—	—
612490	Contractual Services, N.O.C.	—	50,000	50,000	—	—	—	—
200	TOTAL CONTRACTUAL SERVICES	3,158,203	3,765,700	3,765,700	3,439,119	2,192,500	3,980,700	4,980,700
634600	Equipment for Collection Facilities	292,783	641,000	641,000	209,717	209,800	—	—
634620	Equipment for Waterway Facilities	55,882	17,000	104,000	100,837	100,900	—	—
634650	Equipment for Process Facilities	1,278,950	1,297,000	1,187,000	953,759	834,500	50,000	248,000
634760	Material Handling and Farming Equipment	2,083,630	740,000	653,000	646,651	646,700	—	—
634810	Computer Equipment	403,906	—	—	—	—	—	—
634820	Computer Software	44,140	45,000	45,000	—	—	—	—
634840	Communications Equipment (Includes Software)	40,888	150,000	150,000	—	—	—	—
634860	Vehicle Equipment	845,413	180,000	290,000	286,195	286,200	—	—
400	TOTAL MACHINERY AND EQUIPMENT	5,045,591	3,070,000	3,070,000	2,197,159	2,078,100	50,000	248,000
645600	Collection Facilities Structures	851,884	300,000	300,000	208,828	213,900	—	—
645650	Process Facilities Structures	1,017,290	1,209,000	959,600	764,150	607,700	473,500	473,500
645680	Buildings	1,956,127	3,061,000	3,948,500	2,552,272	2,838,300	1,470,000	1,922,000
645690	Capital Projects, N.O.C.	138,500	1,388,000	563,000	562,450	562,500	—	—
645700	Preservation of Collection Facility Structures	—	2,540,000	2,892,400	2,052,051	1,506,800	4,034,000	4,034,000
645720	Preservation of Waterway Facility Structures	446,215	300,000	300,000	75,000	75,000	—	—
645750	Preservation of Process Facility Structures	293,966	1,414,800	564,800	329,478	457,000	2,836,400	2,836,400
645780	Preservation of Buildings	2,089,656	1,238,200	1,293,200	1,059,432	1,044,800	1,204,000	1,255,000
645790	Preservation of Capital Projects, N.O.C.	29,976	53,600	683,100	384,576	170,000	1,294,800	1,294,800
500	TOTAL CAPITAL PROJECTS	6,823,613	11,504,600	11,504,600	7,988,237	7,476,000	11,312,700	11,815,700
TOTAL CONSTRUCTION FUND		\$ 15,027,407	\$ 18,340,300	\$ 18,340,300	\$ 13,624,515	\$ 11,746,600	\$ 15,343,400	\$ 17,044,400

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 2020					
Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date	
Odor Control Systems at Two TARP Shafts and Decommissioning the Thornton Transitional Reservoir, CSA	15-266-4H3	\$ 15,366	502	Jan 2020	
Sidestream Enhanced Biological Phosphorus Removal Pilot Study, CWRP	18-248-3P	1,600	252	Jan 2020	
Drop Shaft 5 Inspection and Rehabilitation, NSA	14-372-3SR	4,000	352	Mar 2020	
Furnish, Deliver, and Install Disc Filters, EWRP	18-702-31	4,000	659	Mar 2020	
Furnish, Deliver, and Install Three Bar Screens, KWRP	18-703-31	1,800	659	Mar 2020	
Rehabilitation of Gravity Concentration Tank, CWRP	18-803-32	2,300	666	Mar 2020	
Furnish, Deliver, and Install Disc Filters for Filters 3 and 4, HPWRP	19-701-31	1,700	482	Mar 2020	
Furnish, Deliver, and Install Coarse Screens, SWRP	20-903-31	6,000	1,390	Mar 2020	
Furnish, Deliver, and Install Telemetry Replacement for SCADA Control, Various Locations	17-606-31	545	266	Apr 2020	
Phosphorus Removal Liquid Facilities at the Fox River Water Reclamation District	18-IGA-36	9,762	646	Apr 2020	
North Side Sludge Pipeline Replacement - Section 1, NSA	07-027-3S	15,590	922	May 2020	
A/B and C/D Service Tunnel Rehabilitation - Phase III, SWRP	16-127-3D	17,000	1,047	May 2020	
Central Boiler Facility and Electrical Updates, HPWRP	19-542-3M	14,000	652	May 2020	
Rehabilitation of Steel Spandrel Beams of Pump and Blower House, OWRP	15-069-3D	10,000	921	Jun 2020	
Upper Des Plaines Intercepting Sewer 14B Rehabilitation, NSA	06-360-3S	7,000	313	Jul 2020	
Battery A Final Settling Tanks, Rehabilitation of Concrete and Road Replacement, SWRP	08-174-3D	7,700	322	Jul 2020	
Utility Tunnel Cracks and Expansion Joints Rehabilitation, OWRP, KWRP, EWRP, HPWRP	17-843-3D	3,000	682	Jul 2020	
Rehabilitation of Elevator Shafts, MSPS	18-142-3H	1,500	322	Jul 2020	
Installation of Mechanical Mixers, SWRP	19-157-3P	11,500	424	Jul 2020	
McCook Reservoir Stage 2 Rock Wall Stabilization and Instrumentation, SWRP	17-131-4F	17,268	1,230	Aug 2020	
Roof Replacement of the Lue-Hing M&R Complex, SWRP	17-135-3V	6,500	493	Sep 2020	
Furnish, Deliver, and Install Replacement Gearboxes for SEPA(s) 2 & 5, CWRP	20-801-31	1,200	851	Sep 2020	
6th Street Construction and Utility Tunnel Rehabilitation, CWRP	19-257-3D	2,000	322	Dec 2020	
Total 2020 Awards		\$ 161,331			

Projects Under Development

Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date
North Shore 1 Rehabilitation, NSA	10-047-3S	\$ 22,750	1,000	Jan 2021
Waste Activated and Primary Sludge Pump Upgrades, SWRP	20-901-31	1,100	720	Jan 2021
Rehabilitation of Locomotive Terminal Building, SWRP	18-143-3D	2,750	592	Feb 2021
Digester Rehabilitation and Gas Piping Replacement Phase II, SWRP	18-148-3P	11,500	742	Mar 2021
Chemical Phosphorus Removal Facility, CWRP	18-254-3P	14,000	312	Mar 2021
Furnish, Deliver, and Install Elevator Upgrades, NSA	21-701-31	900	660	Mar 2021
Rehabilitation of the Overhead Bridge Crane in the Discharge Valve Chamber, MSPS	21-901-31	1,100	300	May 2021
Lockport Turbine Generator Rehabilitation, SSA	21-601-31	1,100	300	Jul 2021
Final Settling Tank Effluent Conduit Rehabilitation and Ultraviolet Facility Upgrades, OWRP	19-084-3P	2,000	512	Aug 2021
39th Street Conduit Rehabilitation - Phase II, SSA	01-103-AS	24,700	749	Jan 2022
Gate Control Equipment Upgrade at TARP Control Structures, NSA	06-358-3M	2,200	552	Jan 2022
Upper Des Plaines Intercepting Sewer 11D, Ext. C Rehabilitation, NSA	11-404-3S	5,500	462	Jan 2022
Boilers 3-5 and Motor Control Center Replacement, SWRP	19-155-3M	13,000	732	Jan 2022
Digester Rehabilitation, HPWRP	19-541-3P	6,000	572	Jan 2022
TARP Control System Replacement, SSA, CSA, NSA	19-856-3E	25,000	412	Feb 2022
Switchgear and Motor Control Center Replacement, CWRP	19-258-3E	23,000	512	Apr 2022
Upper Des Plaines Intercepting Sewer 11D Rehabilitation, NSA	12-369-3S	5,500	462	Nov 2022
Battery D Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-130-3D	3,000	512	Jan 2023
Low Voltage Switchgear Replacement, MSPS	19-154-3E	9,000	512	Jan 2023
Low Voltage Pump and Blower Switchgear and Aerated Grit Motor Control Center Replacement, SWRP	19-156-3E	6,750	552	Jan 2023
Rehabilitation of Pump and Blower House, CWRP	19-255-3D	4,000	562	Jan 2023
Battery C Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-129-3D	3,000	512	Feb 2023
Post-Digestion Dewatering System, CWRP	17-275-3P	15,000	552	Feb 2023
Digester Rehabilitation and Gas Piping Replacement, CWRP	18-253-3P	15,000	842	Feb 2023
Battery B Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-128-3D	5,000	512	Mar 2023
Upgrade Wilmette Lift Station, NSA	19-083-3P	1,500	382	Jun 2023
Southwest Coarse Screen Replacement, SWRP	19-153-3P	15,000	712	Jun 2023
Phosphorus Removal, KWRP	19-375-3P	6,500	512	Jun 2023
Lockport Powerhouse and Waterways Control System Replacement, SSA	19-855-3E	3,000	452	Sep 2023
Decommissioning of Battery B & C Imhoff Tanks and Skimming Tanks 9-16, SWRP	19-152-3P	10,000	572	Jun 2024
Digester Gas Utilization Facilities, SWRP	11-189-3P	60,000	743	Jan 2025
Phosphorus Recovery System, CWRP	12-245-3P	31,000	912	Jan 2025
Phosphorus Removal, EWRP	19-415-3P	30,000	512	Jan 2025
Palos Hills Pumping Station Force Main, CSA	11-242-3S	6,700	632	Mar 2025
Digester Rehabilitation and Gas Piping Replacement Phase II, CWRP	19-256-3P	10,000	732	Apr 2025
Deammonification System, SWRP	13-101-3P	30,000	563	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	612	May 2025
Plant Improvements, HPWRP	18-540-3P	20,000	742	Nov 2025
McCook Reservoir Stage 2 Final Reservoir Prep, SSA	17-132-4F	24,796	542	Jul 2028
Total Future Awards		\$ 477,346		
Cumulative 2020 and Future Awards		\$ 638,677		

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."

	Method of Financing			
	State Revolving Fund Loans	General Obligation Bonds	Army Corps of Engineers	Total
Tunnel and Reservoir Plan	\$ —	\$ 2,200	\$ 42,064	\$ 44,264
Water Reclamation Plant	197,992	149,710	—	347,702
Expansion and Improvements	—	—	—	—
Solids Management	62,500	39,100	—	101,600
Collection Facilities	66,657	75,705	—	142,361
Replacement of Facilities	—	2,750	—	2,750
Other	—	—	—	—
	\$ 327,149	\$ 269,465	\$ 42,064	\$ 638,677

Projects Under Construction

Projects under construction in the Capital Improvements Bond Fund were appropriated in prior years using the full encumbrance (obligation) method of budgetary accounting. The construction contract award amount and the anticipated completion date are provided in this table.

Project Name	Project Number	Est. Construction Cost	Award Date	Est. Substantial Completion Date
Thornton Composite Reservoir Mining, Land, and Corp Costs, CSA	77-235-2F	\$ 52,806	Jun 1998	Dec 2020
McCook Reservoir Stages 1 & 2, SSA	73-161-2H	137,500	May 1999	Dec 2029
150 DT/Day Biosolids Processing Facility, SWRP	01-101-1M	83,123	Jun 2010	Nov 2029
McCook Reservoir Des Plaines Inflow Tunnel, SSA	13-106-4F	107,831	Jun 2016	Feb 2021
Furnish, Deliver, and Install Boiler Controls, SWRP	16-901-31	1,327	Sep 2017	Dec 2021
North Branch Dam Removal and River Riparian Connectivity, NSA	16-IGA-22	2,500	Sep 2017	Aug 2022
Installation of Shaftless Screw Conveyors for Aerated Grit Tanks, SWRP	17-902-31	2,595	Dec 2017	Jan 2021
Switchgear & Motor Control Center Replacement, OWRP	17-080-3E	3,577	Sep 2018	Jul 2020
Structural Rehabilitation and Roofing Replacement at 95th Street Pumping Station, CSA	17-276-3D	4,559	Nov 2018	Nov 2020
Furnish and Install Odor Control System, CWRP, HPWRP, and KWRP	17-844-3P	4,099	Feb 2019	Jun 2020
Energy Efficiency Improvements, SWRP	19-901-31	5,413	Apr 2019	Dec 2020
Replacement of Tailrace Stop Logs, Headrace Gates, and Equipment at Lockport Powerhouse, SSA	15-830-3D	12,075	Jun 2019	Oct 2021
Installation and Removal of Cofferdam at Sluice Gate No. 2, Lockport Powerhouse Controlling Works, SSA	18-607-31	335	Jun 2019	Jun 2020
Phosphorus Removal Struvite Facilities at the Fox River Water Reclamation District	18-IGA-35	2,639	Aug 2019	Dec 2020
Odor Control Facilities at Sludge Concentration, Southwest Coarse Screen, Overhead Weir, and Post-Centrifuge Building, SWRP	17-134-3MR	17,250	Sep 2019	Apr 2021
Modifications to TARP Control Structures & Drop Shafts, CSA and SSA	17-842-3H	2,100	Sep 2019	Oct 2020
Digester Rehabilitation and Gas Piping Replacement, SWRP	17-140-3P	15,000	Oct 2019	Oct 2021
Pump Rehabilitation and Diverter Gate Installation, EWRP	16-412-3M	550	Nov 2019	Dec 2020
Digester Sludge Heating System Upgrades and Boiler Removal, CWRP	18-277-3M	28,500	Nov 2019	Sep 2022
Rehabilitation of TARP Pumps, MSPS	18-144-3M	20,509	Dec 2019	Mar 2024
Total Projects Under Construction		\$ 504,288		

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."

Stormwater Management Capital Improvements Bond Fund Program

Awards in 2020					
Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date	
* Addison Creek Channel Improvements, SWRP	11-187-3F	\$ 21,350	731	Aug 2020	
Total 2020 Awards		\$ 21,350			

Method of Financing

Alternate Bonds	Grants	Total
\$ 21,350	\$ —	\$ 21,350

Projects Under Construction					
Projects under construction in the Capital Improvements Bond Fund were appropriated in prior years using the full encumbrance (obligation) method of budgetary accounting. The construction contract award amount and the anticipated completion date are provided in this table.					
Project Name	Project Number	Est. Construction Cost	Award Date	Est. Substantial Completion Date	
* Construction of a Levee along Thorn Creek at Arquilla Park in Glenwood, CSA	15-IGA-14	\$ 3,483	Nov 2016	Jun 2022	
Melvina Ditch Reservoir Improvements, SSA	14-263-3F	14,717	Nov 2017	Sep 2020	
* Buffalo Creek Reservoir Expansion, NSA	13-370-3F	8,650	Feb 2018	Mar 2020	
Acquisition of Flood Prone Properties Franklin Park (32 homes)	16-IGA-13	4,681	Oct 2018	Aug 2020	
Addison Creek Reservoir, SSA	11-186-3F	63,280	Jan 2019	Feb 2022	
Total Projects Under Construction		\$ 94,811			

*This project is funded by the Capital Improvements Bond Fund and the Stormwater Management Fund. Refer to Section VI Stormwater Management Fund for more information about the Stormwater Management Capital Improvement Program.

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

Account Number	Account Name	LINE ITEM ANALYSIS						
		2018	2019			2020		
Expenditure	Original Appropriation*	Adjusted Appropriation 09/30/19**	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment		
401 50000	Fund: Capital Improvements Bond Department: Engineering							
612090	Reprographic Services	\$ —	\$ 10,000	\$ 20,000	\$ 10,000	\$ —	\$ 10,000	\$ 10,000
612240	Testing and Inspection Services	81,823	—	2,762	2,762	—	—	—
612250	Court Reporting Services	5,499	25,000	42,001	42,001	7,700	31,000	31,000
612400	Intergovernmental Agreements	7,460,521	16,354,100	36,652,628	28,785,479	7,546,100	13,344,700	9,861,700
612430	Payments for Professional Services	704,874	400,000	1,932,526	1,232,524	199,300	1,402,400	85,000
612440	Preliminary Engineering Reports and Studies	—	2,820,000	2,820,000	165,000	—	250,000	250,000
612450	Professional Engineering Services for Construction Projects	3,831,313	7,500,000	9,611,405	3,885,755	2,907,200	9,274,400	9,274,400
612470	Personal Services for Post-Award Engineering for Construction Projects	1,096,594	—	6,286,615	6,286,615	1,029,200	—	—
612490	Contractual Services, N.O.C.	—	—	70,600	70,596	70,600	—	—
612780	Safety Repairs and Services	—	100,000	100,000	—	—	100,000	100,000
200	TOTAL CONTRACTUAL SERVICES	13,180,625	27,209,100	57,538,536	40,480,731	11,760,100	24,412,500	19,612,100
634620	Equipment for Waterway Facilities	8,151	—	—	—	—	1,200,000	1,200,000
400	TOTAL MACHINERY AND EQUIPMENT	8,151	—	—	—	—	1,200,000	1,200,000
645600	Collection Facilities Structures	3,768,218	5,015,000	12,924,451	11,048,922	1,054,600	1,340,000	500,000
645620	Waterway Facilities Structures	17,710,683	163,752,700	194,960,473	107,192,550	45,183,600	43,184,500	39,188,200
645630	Army Corps of Engineers Services	30,578,978	800,000	29,629,589	28,800,420	2,333,500	18,131,400	18,131,400
645650	Process Facilities Structures	24,908,968	32,562,500	54,184,005	48,025,794	6,485,600	33,245,000	37,455,000
645680	Buildings	1,795,640	6,320,000	13,508,975	12,604,724	5,058,100	500,000	500,000
645690	Capital Projects, N.O.C.	922,663	—	1,018,962	922,662	219,600	—	—
645700	Preservation of Collection Facility Structures	10,772,534	58,793,800	50,397,397	37,859,587	3,402,700	16,470,000	20,670,000
645720	Preservation of Waterway Facility Structures	4,075,647	13,903,800	15,922,971	15,921,874	1,835,600	4,227,000	4,227,000
645750	Preservation of Process Facility Structures	6,814,100	45,895,800	63,088,663	61,485,514	859,700	52,528,300	53,855,300
645780	Preservation of Buildings	7,143,916	20,212,500	32,637,627	12,613,728	2,522,400	17,625,000	17,625,000
500	TOTAL CAPITAL PROJECTS	108,491,347	347,256,100	468,273,113	336,475,774	68,955,400	187,251,200	192,151,900
656010	Land	1,078,309	1,664,700	1,664,700	786,051	791,800	300,000	300,000
600	TOTAL LAND	1,078,309	1,664,700	1,664,700	786,051	791,800	300,000	300,000
667340	Payments for Easements	270,000	2,043,900	2,043,900	14,052	14,100	250,000	250,000
727102	Principal Expense - Capital Lease	2,594,850	—	37,599,608	37,599,608	2,723,100	—	—
727112	Interest Expense - Capital Lease	1,794,914	—	10,594,602	10,594,602	1,667,700	—	—

401 50000	Fund: Capital Improvements Bond Department: Engineering	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation*	Adjusted Appropriation 09/30/19**	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
767300	Bond Issuance Costs	—	—	—	—	—	892,500	892,500
700	TOTAL FIXED AND OTHER CHARGES	4,659,765	2,043,900	50,238,109	48,208,261	4,404,900	1,142,500	1,142,500
TOTAL CAPITAL IMPROVEMENTS BOND FUND		\$127,418,196	\$ 378,173,800	\$ 577,714,459	\$ 425,950,817	\$ 85,912,200	\$214,306,200	\$ 214,406,500
<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

Projects Under Construction						
Project Name	Project Number	Est. Construction Cost	2020 Appropriation	Award Date	Est. Substantial Completion Date	
Installation of Green Infrastructure at Chicago Public Schools, Various Locations	15-IGA-20	\$ 16,000	\$ 4,553	Sep 2016	Dec 2022	
* Construction of a Levee along Thorn Creek at Arquilla Park in Glenwood, CSA	15-IGA-14	387	200	Nov 2016	Jun 2022	
Land Acquisition for the Flood Control Project on Midlothian Creek in Robbins, CSA	17-IGA-02	200	200	Dec 2017	Jun 2020	
* Buffalo Creek Reservoir Expansion, NSA	13-370-3F	1,029	126	Feb 2018	Mar 2020	
Flood Control Project on Natalie Creek in Oak Forest and Midlothian, CSA	14-252-5F	7,629	6,118	Sep 2018	Dec 2020	
Streambank Stabilization Projects for Addison Creek, SSA	14-108-5F	1,546	160	Nov 2018	Apr 2020	
Stormwater Infiltration Through the Establishment of Native Habitat at Three Chicago Parks, Various Locations	18-IGA-04	239	143	Nov 2018	May 2020	
Groveland Avenue Levee Improvements in Riverside, SSA	18-IGA-20	2,506	1,767	Dec 2018	Aug 2022	
Culvert Improvements in Elk Grove Village, NSA	18-IGA-30	1,250	1,250	Mar 2019	Feb 2020	
Pilot Study for Investigating Technology to Address Basement Backups, CSA and SSA	16-IGA-20	400	400	Jun 2019	Dec 2020	
New Storm Sewers and New Storm Sewer Outfall along North Shore Avenue in Lincolnwood, NSA	18-IGA-22	1,392	1,392	Jun 2019	Nov 2020	
University of Illinois at Chicago Green Infrastructure at the Arthington Mall, SSA	18-IGA-18	242	242	Aug 2019	May 2020	
Green Alleys Project in Chicago, CSA	18-IGA-03	197	197	Sep 2019	Jun 2020	
Stormwater Storage Areas in Niles, NSA	18-IGA-31	2,000	1,521	Sep 2019	Feb 2021	
Green Infrastructure Alley Paving Improvements in Cicero, SSA	19-IGA-02	269	269	Sep 2019	May 2020	
Expansion of Existing Detention Basin in Orland Park, CSA	18-IGA-33	558	424	Oct 2019	Aug 2020	
Summit Green Infrastructure Alley Improvements, SSA	19-IGA-06	300	300	Oct 2019	Apr 2020	
Stormwater Storage in Mount Prospect, NSA	18-IGA-25	1,348	1,348	Nov 2019	Jan 2020	
Storm Sewers and Outfall in Forest View, SSA	18-IGA-28	1,000	399	Nov 2019	Jan 2020	
Streambank Stabilization Project along Midlothian Creek in Tinley Park, CSA	19-IGA-21	645	645	Nov 2019	Jan 2023	
Garfield Park Community Eco Orchard in Chicago, SSA	18-IGA-05	500	500	Dec 2019	Jan 2020	
Washington Street Green Infrastructure Parking Lot Improvements in Lansing, CSA	19-IGA-13	250	250	Dec 2019	May 2020	
Green Alley Improvements Project in Oak Park, SSA	19-IGA-14	475	475	Dec 2019	May 2020	
Green Alley Improvements Project in River Grove, SSA	19-IGA-16	385	385	Dec 2019	May 2020	
Total Projects Under Construction		\$ 40,747	\$ 23,264			

Awards in 2020

Project Name	Project Number	Est. Construction Cost	2020 Appropriation	Duration (days)	Est. Award Date
Streambank Stabilization Project along Calumet Union Drainage Ditch, CSA	10-882-BF	\$ 1,568	\$ 811	1,307	Jan 2020
Streambank Stabilization Project on Melvina Ditch in Oak Lawn and Chicago Ridge, CSA	13-248-5F	11,450	519	621	Jan 2020
Flood Control Project on 1st Avenue from Roosevelt Road to Cermak Road, SSA	14-111-5F	5,200	1,120	500	Jan 2020
Winchester Avenue Green Infrastructure Project in Calumet Park, CSA	18-IGA-02	360	360	120	Jan 2020
Storm Sewers Connection to Existing Des Plaines River Outfall in Forest Park, SSA	18-IGA-21	1,106	1,106	330	Jan 2020
Wetland and Park Storage Projects in Winnetka, NSA	18-IGA-24	500	500	365	Jan 2020
Cornell Avenue Green Infrastructure Project in Dolton, CSA	19-IGA-01	250	250	90	Jan 2020
Green Infrastructure in Calumet City, CSA	19-IGA-05	395	395	90	Jan 2020
Public Library Green Parking Lot in Park Ridge, NSA	19-IGA-17	650	650	270	Jan 2020
Flood Control in the vicinity of 131st Street and Cypress Drive in Palos Heights, CSA	14-259-5F	134	134	300	Mar 2020
Lake Catherine Commuter Parking Lot in Palos Heights, CSA	18-IGA-14	184	184	120	Mar 2020
Storm Sewers and Outfall to Flagg Creek in Western Springs, SSA	18-IGA-32	192	192	240	Mar 2020
Barbara Vick Outdoor Classrooms in Chicago, CSA	19-IGA-03	100	100	90	Mar 2020
School District 154 Wolcott School Playground Enhancement in Thornton, CSA	19-IGA-09	144	144	90	Mar 2020
Addison Green Alley in Chicago, SSA	19-IGA-18	150	150	90	Mar 2020
South Laflin Green Alley in Chicago, SSA	19-IGA-19	102	102	90	Mar 2020
South Homan Green Alley in Chicago, SSA	19-IGA-20	155	155	90	Mar 2020
Permeable Pavement and Rain Gardens in Posen, CSA	18-IGA-15	250	250	90	Apr 2020
Evanston/Skokie School District 65 Green Infrastructure At Orrington Elementary School, NSA	19-IGA-07	12	12	90	Apr 2020
Public Works Facility Demonstration Rain Garden in Oak Park, SSA	19-IGA-11	20	20	90	Apr 2020
Flood Control Project on Midlothian Creek in Robbins, CSA	14-253-5F	11,000	265	550	May 2020
Flood Control Project for Deer Creek, CSA	10-884-BF	6,500	2	731	Jun 2020
Culvert Upsizing and Channel Improvements on Boca Rio Ditch in Oak Forest, CSA	18-IGA-26	519	519	214	Jun 2020
Green Streets Project in Ford Heights, CSA	19-IGA-12	357	357	90	Jun 2020
Flood Control Project in the vicinity of 135th Street and Central Avenue in Crestwood, CSA	14-258-5F	9,300	149	365	Jul 2020
Streambank Stabilization Project on Tinley Creek, CSA	19-IGA-22	3,806	366	1,460	Jul 2020
* Addison Creek Channel Improvements, SWRP	11-187-3F	21,350	3,109	731	Aug 2020
Flood Control Project on the West Fork of the North Branch of the Chicago River, NSA	16-IGA-18	6,600	1,860	509	Aug 2020
Flood Control Project on Farmers Creek, NSA	12-056-AF	1,000	200	370	Oct 2020
Total 2020 Awards		\$ 83,354	\$ 13,981		

Projects Under Development

Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date
Flood Control Project in the Worth Woods Subdivision in Worth, CSA	14-256-5F	\$ 2,500	366	Jan 2021
Flood Control Project for the Washington Street Area in Blue Island, CSA	14-260-5F	5,700	730	Jun 2021
Flood Control Project along Plainfield Road in Countryside, La Grange, McCook, and Lyons Township, SSA	14-112-5F	17,000	730	Jul 2021
Flood Control Project on Willow Road at McDonald Creek Tributary A in Prospect Heights, NSA	14-371-5F	1,800	730	Jul 2021
Flood Control Project on Prairie Creek, NSA	12-056-BF	13,100	1,460	Aug 2021
Flood Control Project on Central Road from Des Plaines River to Greenwood Road, NSA	14-065-5F	12,000	731	Sep 2021
Flood Control Project on Calumet-Sag Tributary C in Bremen Township and Midlothian, CSA	14-257-5F	3,600	365	Sep 2021
Total Future Awards		\$ 55,700		
Cumulative Projects Under Construction, 2020 Awards, and Future Awards		\$ 179,801		

* 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 2021-2024 not included in the detailed list of Projects Under Development presented above.

2021-2024 Projects Under Development

Projects	2021	2022	2023	2024	Total 2021-2024
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						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 5,618,805	\$ 8,626,500	\$ 8,626,500	\$ 5,963,977	\$ 8,442,000	\$ 9,325,700	\$ 9,325,700
601060	Compensation Plan Adjustments	187,763	293,100	293,100	190,809	270,000	360,100	360,100
601070	Social Security and Medicare Contributions	81,001	127,000	127,000	89,023	122,900	131,200	131,200
601080	Salaries of Nonbudgeted Employees	—	20,000	20,000	—	—	20,000	20,000
601100	Tuition and Training Payments	9,703	11,000	11,000	5,395	10,000	42,600	42,600
601250	Health and Life Insurance Premiums	517,745	878,900	878,900	503,116	802,000	878,900	878,900
601270	General Salary Adjustments	—	—	—	—	—	143,300	143,300
100	TOTAL PERSONAL SERVICES	6,415,018	9,956,500	9,956,500	6,752,321	9,646,900	10,901,800	10,901,800
612010	Travel	1,526	2,000	3,800	2,789	3,300	4,400	4,400
612030	Meals and Lodging	2,606	4,000	11,000	9,759	10,500	11,900	11,900
612040	Postage, Freight, and Delivery Charges	1,307	2,500	2,500	2,000	1,400	2,500	2,500
612050	Compensation for Personally-Owned Automobiles	15,846	24,800	24,800	10,518	16,800	24,800	24,800
612080	Motor Vehicle Operating Services	6	800	800	55	200	3,100	3,100
612250	Court Reporting Services	12,934	12,000	12,000	12,000	12,000	49,000	49,000
612330	Rental Charges	2,036	2,500	2,500	2,500	1,500	2,500	2,500
612400	Intergovernmental Agreements	5,421,625	34,531,600	34,522,800	25,426,047	13,188,100	43,243,900	43,610,000
612430	Payments for Professional Services	283,650	775,000	775,000	373,774	311,000	635,000	635,000
612440	Preliminary Engineering Reports and Studies	1,098,908	7,605,500	7,403,500	3,895,156	2,118,000	14,828,200	14,828,200
612450	Professional Engineering Services for Construction Projects	348,581	6,534,400	6,534,400	3,989,354	2,071,000	14,209,600	14,209,600
612490	Contractual Services, N.O.C.	533,470	205,000	407,000	403,079	328,000	531,000	531,000
612520	Waste Material Disposal Charges	29,172	60,000	60,000	60,000	28,000	60,000	60,000
612620	Repairs to Waterway Facilities	2,382,830	2,500,000	2,500,000	2,500,000	2,250,000	2,519,500	2,519,500
612820	Computer Software Maintenance	145,000	145,000	145,000	140,000	140,000	—	—
612860	Repairs to Vehicle Equipment	—	—	—	—	—	2,000	2,000
612990	Repairs, N.O.C.	992	2,000	2,000	1,000	900	2,000	3,500
200	TOTAL CONTRACTUAL SERVICES	10,280,489	52,407,100	52,407,100	36,828,032	20,480,700	76,129,400	76,497,000
623130	Buildings, Grounds, Paving Materials, and Supplies	4,964	5,000	5,000	5,000	4,900	5,000	5,000
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	7,900	11,500	11,500	8,827	11,300	11,500	13,500

501 50000	Fund: Stormwater Management	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623560	Processing Chemicals	—	5,000	5,000	5,000	4,900	5,000	5,000
623680	Tools and Supplies	5,118	11,000	11,000	8,301	7,800	11,500	11,500
623700	Wearing Apparel	1,803	8,500	8,500	8,230	7,800	8,500	8,500
623990	Materials and Supplies, N.O.C.	9,475	90,400	90,400	89,514	29,000	60,400	60,400
300	TOTAL MATERIALS AND SUPPLIES	29,259	131,400	131,400	124,872	65,700	101,900	103,900
634860	Vehicle Equipment	—	—	—	—	—	95,000	95,000
634990	Machinery and Equipment, N.O.C.	—	—	30,000	—	—	30,000	30,000
400	TOTAL MACHINERY AND EQUIPMENT	—	—	30,000	—	—	125,000	125,000
645620	Waterway Facilities Structures	305,408	22,725,400	16,954,600	11,318,422	4,500,000	17,056,900	16,687,300
645630	Army Corps of Engineers Services	—	2,145,500	2,145,500	1,609,773	1,800,000	—	—
645690	Capital Projects, N.O.C.	—	400,000	400,000	—	100,000	100,000	100,000
645720	Preservation of Waterway Facility Structures	—	2,244,200	2,244,200	1,503,300	1,383,000	6,043,000	6,043,000
500	TOTAL CAPITAL PROJECTS	305,408	27,515,100	21,744,300	14,431,495	7,783,000	23,199,900	22,830,300
656010	Land	342,433	1,000,000	4,831,600	591,902	3,800,000	2,650,000	2,650,000
600	TOTAL LAND	342,433	1,000,000	4,831,600	591,902	3,800,000	2,650,000	2,650,000
667340	Payments for Easements	345,700	400,000	2,309,200	34,033	1,400,000	3,150,000	3,150,000
700	TOTAL FIXED AND OTHER CHARGES	345,700	400,000	2,309,200	34,033	1,400,000	3,150,000	3,150,000
TOTAL STORMWATER MANAGEMENT FUND		\$ 17,718,307	\$ 91,410,100	\$ 91,410,100	\$ 58,762,655	\$ 43,176,300	\$116,258,000	\$ 116,258,000

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.

Fund: Stormwater Management		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee on Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
50000	Engineering Department					
516	Local Sewer Systems Section					
HP18	Principal Civil Engineer	1	2		2	
HP17	Senior Civil Engineer	2	8		9	
HP15	Associate Civil Engineer	3	8		9	
HP14	Assistant Civil Engineer	2	6		8	
HP14	Engineering Technician V	—	3		3	
HP12	Engineering Technician IV	1	4		6	
HP12	Engineering Technician IV #4	—	1		1	
HP11	Administrative Specialist	—	1		1	
HP11	Engineering Technician III	—	1		1	
HP09	Administrative Clerk	—	2		2	
TOTAL 516	Local Sewer Systems Section	9	36	3,626,755	42	4,193,484
522	Stormwater Management Section					
HP20	Managing Civil Engineer	1	1		1	
HP18	Principal Civil Engineer	3	3		3	
HP17	Senior Civil Engineer	7	7		7	
HP15	Associate Civil Engineer	6	6		6	
HP14	Assistant Civil Engineer	3	3		3	
HP14	Public Affairs Specialist	—	1		1	
HP11	Administrative Specialist	1	1		1	
TOTAL 522	Stormwater Management Section	21	22	2,570,652	22	2,580,837
TOTAL	Engineering Department	30	58	6,197,407	64	6,774,321
60000	Maintenance & Operations Department					
630	General Division					
634	Channel Maintenance Unit					
HP18	Principal Engineer	1	1		1	
HP15	Associate Civil Engineer	1	1		1	
TOTAL 634	Channel Maintenance Unit	2	2	236,240	2	268,250

Fund: Stormwater Management		POSITION ANALYSIS				
		2018	2019		2020	
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Recommended By Committee on Budget / Employment	
					Budgeted FTEs	Appropriation in Dollars
636	Boat Operations Unit					
HP14	Engineering Technician V	1	2		2	
HP14	Engineering Technician V #4	1	—		—	
HP12	Engineering Technician IV	1	2		2	
HP12	Engineering Technician IV #4	1	—		—	
NR8650	Maintenance Laborer Class A Shift	2	2		2	
TOTAL 636	Boat Operations Unit	6	6	529,852	6	542,609
639	Channel Maintenance Unit					
HP15	Associate Civil Engineer	—	—		1	
HP14	Engineering Technician V	1	1		1	
HP14	Engineering Technician V #4	1	1		—	
NR8650	Maintenance Laborer Class A Shift	2	2		2	
TOTAL 639	Channel Maintenance Unit	4	4	394,930	4	373,749
679	Collection System Unit					
NR8331	Laborer Foreman	1	1		1	
NR8650	Maintenance Laborer Class A Shift	4	4		4	
PR6473	Truck Driver	1	1		1	
TOTAL 679	Collection System Unit	6	6	506,750	6	516,339
TOTAL 630	General Division	18	18	1,667,772	18	1,700,947
940	Stickney Service Area General Plant Services Section					
924	Stickney Maintenance Unit					
PR7773	Pipefitter	1	1		1	
TOTAL 924	Stickney Maintenance Unit	1	1	100,880	1	103,168
934	Stickney Mechanical Operations Unit					
NR8650	Maintenance Laborer Class A Shift	4	4		4	

Fund: Stormwater Management		POSITION ANALYSIS				
		2018		2019		2020
				Recommended By Committee on Budget / Employment		
Pay Plan & Grade	Class Title	Actual FTEs	Budgeted FTEs	Appropriation in Dollars	Budgeted FTEs	Appropriation in Dollars
NR6831	Operating Engineer I	4	4		4	
TOTAL 934	Stickney Mechanical Operations Unit	8	8	751,712	8	768,602
TOTAL 940	Stickney Service Area General Plant Services Section	9	9	852,592	9	871,770
TOTAL	Maintenance & Operations Department	27	27	2,520,364	27	2,572,716
TOTAL	Stormwater Management	57	85	8,717,771	91	9,347,037

Note: The positions budgeted are funded by the Stormwater Management Fund while the operations remain in the Engineering and Maintenance & Operations Departments.

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.

901	Fund: Reserve Claim	LINE ITEM ANALYSIS						
		2018	2019			2020		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/19	Expenditure (Committed Budget plus Disbursement) 09/30/19	Estimated Expenditure 12/31/19	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601090	Employee Claims	\$ 4,213,964	\$ 10,000,000	\$ 10,000,000	\$ 2,643,795	\$ 4,400,000	\$ 10,000,000	\$ 10,000,000
100	TOTAL PERSONAL SERVICES	4,213,964	10,000,000	10,000,000	2,643,795	4,400,000	10,000,000	10,000,000
667220	General Claims and Emergency Repair and Replacement Costs	1,283,102	21,767,800	21,767,800	1,455,885	1,000,000	24,395,000	24,395,000
700	TOTAL FIXED AND OTHER CHARGES	1,283,102	21,767,800	21,767,800	1,455,885	1,000,000	24,395,000	24,395,000
TOTAL RESERVE CLAIM FUND		\$ 5,497,066	\$ 31,767,800	\$ 31,767,800	\$ 4,099,680	\$ 5,400,000	\$ 34,395,000	\$ 34,395,000
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.”

	Tentative Budget Book Page	Executive Director's Recommendations Budget Book Page
<u>Transmittal Letter, Chairman, Committee on Budget and Employment</u>	<u>1</u>	1
<u>Major Budget Amendments Impacting the 2020 Tentative Budget</u>	<u>5</u>	N/A
<u>Report of Committee on Budget and Employment</u>	<u>6</u>	N/A
<u>Comparative Statement of Appropriations, Tax Levies, and Tax Rates</u>	<u>8</u>	44
<u>Account and Personnel Summary Comparison (Table)</u>	<u>10</u>	55
<u>All Funds Summary of Revenue, Expenditures, and Net Assets Appropriable, 2020-2018</u>	<u>12</u>	75
<u>Summary of Revenues and Expenditures, 2020-2019</u>	<u>13</u>	76
<u>Personal Property Replacement Taxes Receivable, 2020 and Prior Years, Including Estimate for 2020</u>	<u>15</u>	84
<u>Corporate Fund Estimated Balance Sheet, 2020-2019</u>	<u>16</u>	87
<u>Corporate Fund Appropriable Revenue, 2020-2017</u>	<u>17</u>	88
<u>Capital Improvements Bond Fund Estimated Balance Sheet, 2020-2019</u>	<u>18</u>	93
<u>Capital Improvements Bond Fund Appropriable Revenue, 2020-2017</u>	<u>19</u>	94
<u>Construction Fund Estimated Balance Sheet, 2020-2019</u>	<u>20</u>	95
<u>Reserve Claim Fund Appropriable Revenue, 2020-2017</u>	<u>21</u>	104
<u>Corporate Fund Line Item Analysis and Position Analysis</u>	<u>22</u>	109
<u>Board of Commissioners</u>	<u>26</u>	120
<u>General Administration</u>	<u>27</u>	135
<u>Monitoring & Research</u>	<u>29</u>	156
<u>Procurement & Materials Management</u>	<u>38</u>	174
<u>Human Resources</u>	<u>40</u>	192
<u>Information Technology</u>	<u>41</u>	205
<u>Law</u>	<u>46</u>	222
<u>Finance</u>	<u>47</u>	234
<u>Maintenance & Operations - All Divisions:</u>	<u>48</u>	249
<u>General Division</u>	<u>51</u>	259
<u>North Service Area</u>	<u>58</u>	275
<u>Calumet Service Area</u>	<u>66</u>	290
<u>Stickney Service Area</u>	<u>71</u>	302
<u>Engineering</u>	<u>73</u>	320
<u>Capital Budget</u>	<u>74</u>	328
<u>Stormwater Management Fund</u>	<u>85</u>	444
<u>Reserve Claim Fund</u>	<u>93</u>	523
<u>Page Reference Guide</u>	<u>94</u>	N/A



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.

MWRD Water Reclamation Plants



Calumet Water Reclamation Plant is the longest performing of the MWRD's seven WRPs. In operation since 1922, it serves residents and businesses in the southern portion of Cook County to clean more than 350 million gallons of wastewater per day on average. The plant's service population is more than one million people in an area of about 300 square miles.



John E. Egan Water Reclamation Plant serves more than 160,000 residents in a 44 square mile area. In operation since 1975, the Egan WRP cleans an average of 30 million gallons of wastewater per day.



Hanover Park Water Reclamation Plant has been serving residents in northwestern Cook and DuPage County communities since 1963. The Hanover Park WRP serves more than 56,000 people within an 11.2 square mile area and cleans an average of 12 million gallons per day.



James C. Kirie Water Reclamation Plant opened in 1980, making it the newest of the MWRD's seven wastewater treatment plants. The 108-acre Kirie plant serves a population of about 264,000 residents in a 65.2 square mile area to clean more than 50 million gallons of wastewater per day.



Lemont Water Reclamation Plant is a small but industrious MWRD facility that provides wastewater treatment for a service area of more than 20 square miles that includes nearly 23,000 people in the village of Lemont. It opened in 1961 and cleans an average of 2.5 million gallons of wastewater per day.



Terrence J. O'Brien Water Reclamation Plant was built to serve residents in communities north of downtown Chicago. In operation since 1928, the O'Brien WRP serves over 1.3 million people in an area of 143 square miles and cleans an average of 230 million gallons of wastewater per day.

Stickney Water Reclamation Plant (front cover) is one of the largest wastewater treatment facilities in the world. It serves residents in the central part of Chicago as well as 46 other communities within a 260 square mile area. Opened in two phases in 1930 and 1939, the Stickney plant currently serves more than 2.3 million people and cleans an average of 700 million gallons of wastewater per day.

Metropolitan Water Reclamation District of Greater Chicago

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