

SECTION VI

STORMWATER MANAGEMENT FUND

Stormwater Management is organized with all revenues and expenditures accounted for in a separate fund. The District assumed responsibility for stormwater management following the passage of Public Act 93-1049 in November 2004. This law gives the District responsibility for stormwater management for all of Cook County, including areas that currently lie outside the District's boundaries.

The District has established six watershed planning councils. The purpose of the watershed planning councils is to advise the District on the development and implementation of the countywide stormwater management plan, representing concerns of local governments. Municipal leagues are responsible for coordinating the activities of the watershed planning councils.

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Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

312.751.5600

September 12, 2017

Mr. David St. Pierre
Executive Director
OFFICE

Dear Sir:

Subject: 2018 Program for the Stormwater Management Fund

The Stormwater Management Fund's program for 2018, as prepared in detail, is transmitted herewith. The budget presentation supports the request for funding of the 2018 initiatives in alignment with and in support of the Strategic Business Plan. The budget requests include all amendments as directed by you during the Executive Director Budget Hearings in August of this year.

The narrative provides a summary of the fund, 2018 major initiatives and challenges, and 2017 accomplishments. Supporting schedules of objectives, performance, and staffing levels present three years of detailed budgetary information.

Thank you for the opportunity to present the proposed Stormwater Management Fund budget for 2018.

Respectfully submitted,



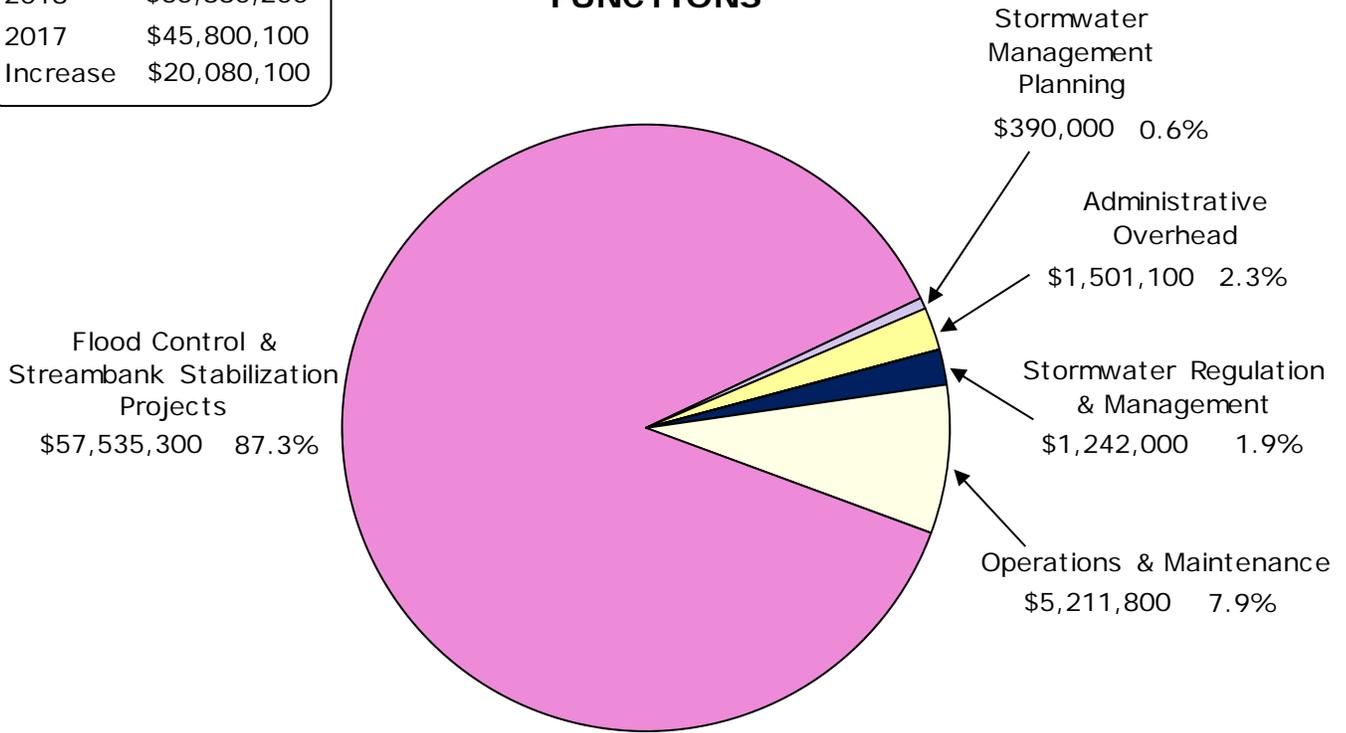
Catherine A. O'Connor
Director of Engineering

John P. Murray
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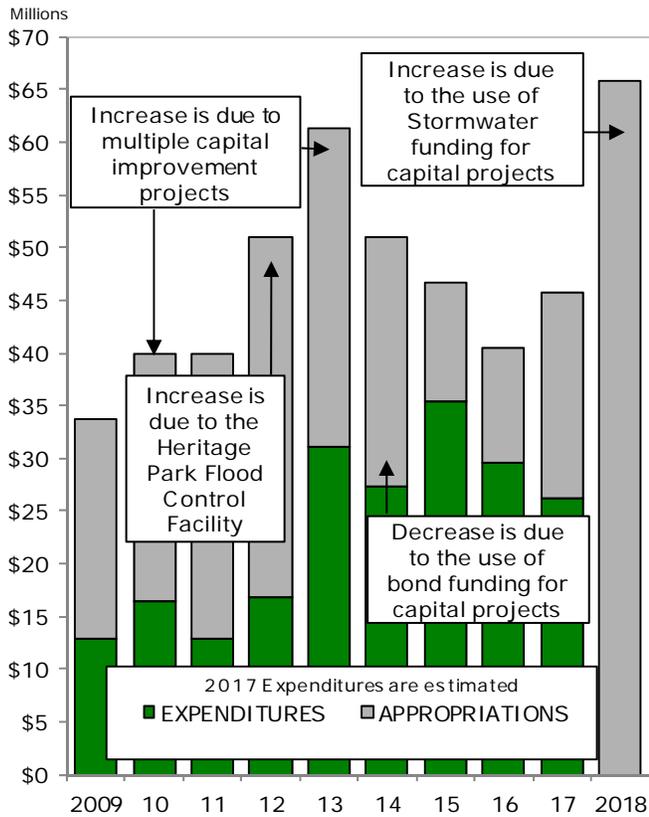
STORMWATER MANAGEMENT

2018	\$65,880,200
2017	\$45,800,100
Increase	\$20,080,100

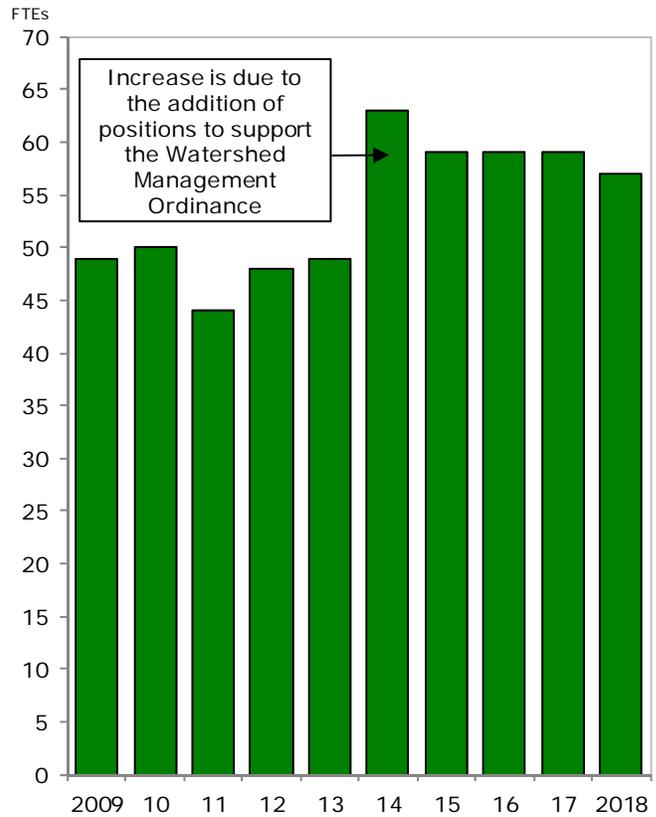
FUNCTIONS



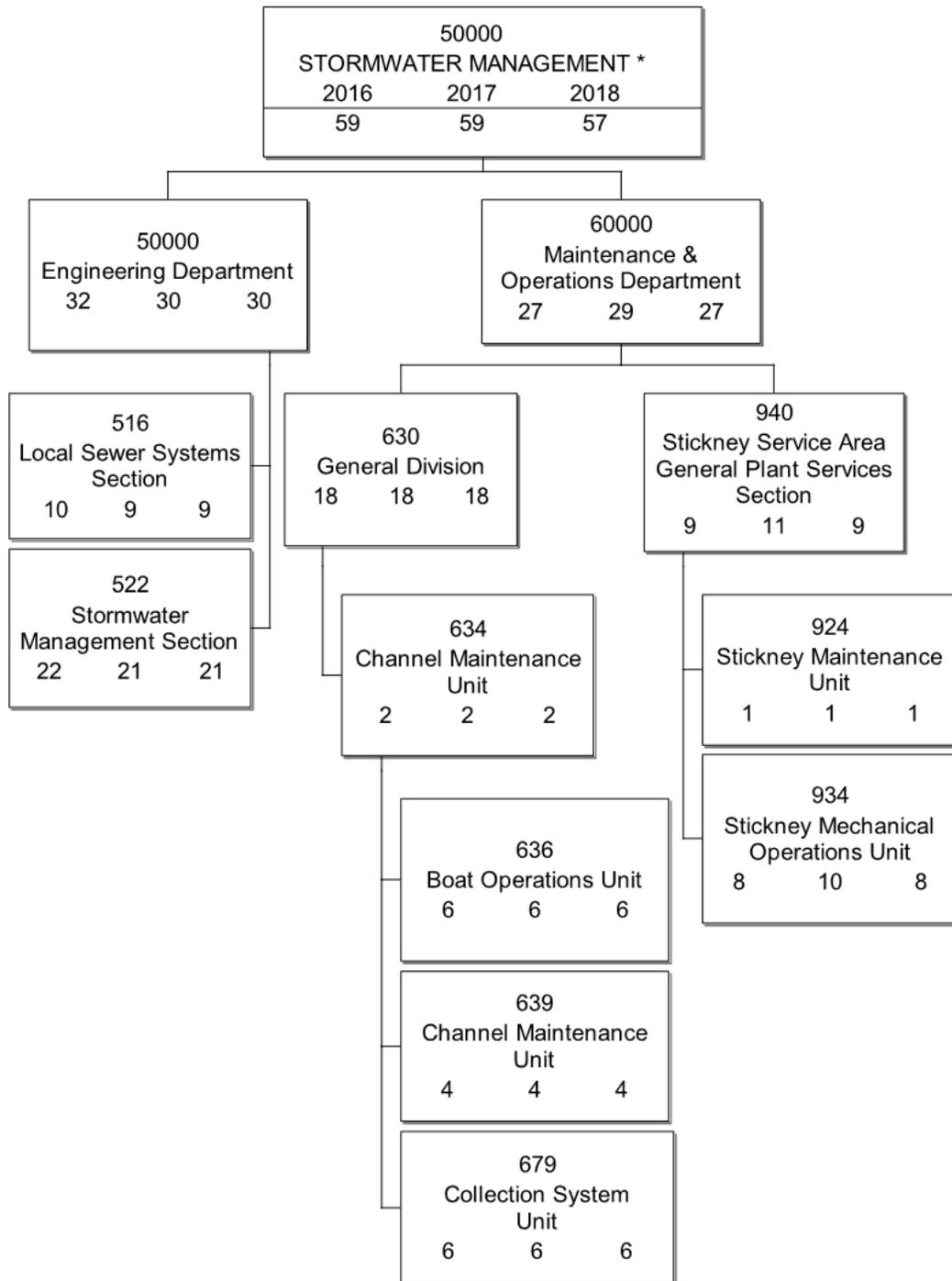
APPROPRIATIONS & EXPENDITURES



BUDGETED FTE POSITIONS



STORMWATER MANAGEMENT



* Positions funded by the Stormwater Management Fund are operationally controlled by the Engineering and Maintenance & Operations Departments.

STORMWATER MANAGEMENT FUND

The mission of the Stormwater Management Fund is to protect the safety of Cook County's residents and minimize flooding damage by coordinating, planning, implementing, financing, and operating regional stormwater management projects and to develop and enforce reasonable rules with respect to watershed development.

Fund Summary

The fund consolidates the stormwater management activities of the Engineering and Maintenance & Operations Departments and supports the activities outlined in the Cook County Stormwater Management Plan, which serves as a framework for the District's countywide Stormwater Management Program. Under this program, the District has completed Detailed Watershed Plans (DWPs) for all six major watersheds in Cook County, initiated a Stormwater Management Capital Improvement Program, initiated a Small Streams Maintenance Program (SSMP), and adopted and implemented the Watershed Management Ordinance. Information on the Stormwater Management Program can be found at stormwater.mwrdd.org.

Summary of 2017 Accomplishments

- Completed construction of one streambank stabilization and three flood control projects originally identified in the DWPs;
- Awarded five flood control and streambank stabilization projects;
- Continued design of Phase I regional projects recommended from the DWPs, including streambank stabilization projects on reaches of three waterways and flood control projects on reaches of six waterways;
- Continued design of Phase II conceptual flood control projects identified by local municipalities, townships, and agencies, including the Cities of Blue Island and Palos Heights, the Villages of Crestwood, Midlothian, Robbins, and Worth, the Town of Cicero, Bremen Township, the Illinois Department of Transportation, and the Cook County Department of Transportation and Highways;
- Entered into Intergovernmental Agreements (IGAs) for acquisition of flood-prone properties with the Villages of Flossmoor, Franklin Park, and Stone Park;
- Continued the SSMP with the objective of removing debris and blockages from 532 miles of small streams and rivers;
- Solicited applications for Green Infrastructure projects from local communities and agencies and identified partnership opportunities to assist in constructing local improvements to address flooding issues through green solutions;
- Solicited applications for Phase II (local drainage issues) and flood-prone property acquisition projects to be prioritized for selection in 2018.

Budget Highlights

The 2018 Stormwater Management Fund appropriation is \$65,880,200, an increase of \$20,080,100, or 43.8 percent, from 2017. The staffing level has decreased from 59 to 57 positions. Two Maintenance Laborers Class A Shift #1 were dropped upon vacancy and a Senior Civil Engineer was dropped, offset by the transfer in of a Principal Engineer from the North Service Area of the Maintenance & Operations Department.

Significant features of the 2018 budget are:

- Prioritize new infrastructure projects, buyouts, and Phase II projects from 2017 solicitations;
- Continue engineering design for Phase I and Phase II projects and begin construction of projects that have completed final design and have been approved by the Board of Commissioners;
- Complete a pilot study with the City of Chicago to explore the effectiveness of various technologies aimed at reducing basement backup at private sites;
- Award the Addison Creek Reservoir project in Bellwood, Illinois;
- Identify partnership opportunities to assist in implementing local drainage improvements and acquisition of flood-prone properties;
- Continue the SSMP to reduce flooding in urbanized areas;
- Continue to expand the online content related to the Chicago Area Waterway System and the SSMP to provide educational materials, as well as general information regarding the management of the system before, during, and after a storm.

2018 Initiatives in Support of the Strategic Business Plan Include the Following:**• Add Value**

The Stormwater Management Capital Improvement Program utilizes benefit-to-cost analysis developed for the recommended alternatives in the DWPs as the primary basis for prioritizing individual projects.

• Excellence

The Engineering Department recently completed five stormwater master plan pilot studies to identify solutions to flooding of structures experienced in storms up to and including the 100-year design event. The findings of these studies revealed that exorbitant investments by the District and the local communities would be necessary to protect structures from flooding up through the 100-year storm through traditional gray or blended green and gray infrastructure. As the District moves forward with its stormwater master planning effort for the entire county, the lessons learned in the pilot studies will be applied, and an adaptive approach will be utilized to find ways to address community issues that considers local communities' capacity and identifies potential partnership opportunities to help fund multi-objective solutions centered on stormwater management. The District intends to enlist the services of two engineering consultant firms to provide program management services for additional stormwater master planning efforts, one for the combined sewer areas and another for separate sewer areas. After an assessment and review of community planning needs across Cook County is completed, additional stormwater master planning studies will be pursued in order to create an overall plan for Cook County.

• Resource Recovery

Through a variety of engineered solutions, both green and gray, and flood-prone property acquisitions, the District's stormwater program addresses both regional and local flooding problems throughout Cook County. The District has made significant investments in developing over 100 capital stormwater projects since it assumed the authority for stormwater management in 2004. The implementation of these projects, which range in both size and scope, provide flood protection for thousands of homes, businesses, and critical infrastructure. Wherever practical, stormwater recovery and reuse will be included in the project.

• Develop Employees

Stormwater staff include numerous licensed professional engineers and certified floodplain managers who are leaders in the field. Staff regularly attend and present papers at various conferences and seminars related to stormwater management.

• Leading Partnerships

The District has partnered with the Village of Robbins to develop a plan for stormwater improvements to address flooding along Midlothian Creek impacting approximately 140 acres and over 100 homes. Since flooding issues were identified as a significant barrier to economic opportunities in the Village of Robbins, a holistic approach to stormwater management has been developed to serve as a catalyst for positive socioeconomic change. The District and the Village of Robbins have enlisted numerous partners to realize this bold vision, including Cook County's Economic Development and Transportation agencies, the Chicago Metropolitan Agency for Planning, the Cook County and South Suburban Land Banks, the Regional Transportation Authority, and Metra. The District, the Village of Robbins, and other partner agencies are working together to plan, design, and identify funding for implementing the holistic plan which not only promotes resiliency, but also promotes the economic growth, health, and well-being of a community.

The District has initiated a Green Infrastructure Program that facilitates the planning, design, and construction of multiple green infrastructure projects throughout Cook County, in partnership with a variety of stakeholders. In the second quarter of 2017, the District solicited Green Infrastructure partnership opportunities through a call for projects from local municipalities and agencies in Cook County. Currently, the District is partnered with the City of Chicago Department of Water Management and the Chicago Public Schools to design and construct large green infrastructure projects at 32 Chicago Public School campuses. The District has partnered with other local municipalities to design and construct 82 regional and local stormwater management projects.

In 2017, projects under construction in partnership with municipalities included the construction of the Albany Park Tunnel, Addison Creek Streambank Stabilization, Berkeley Detention and Storm Sewer Improvements, Brookfield Pumping Station Improvements, Berwyn Green Alleys, Niles Bioswale and Permeable Parking Lot, and the Skokie Rain Garden and Naturalized Detention.

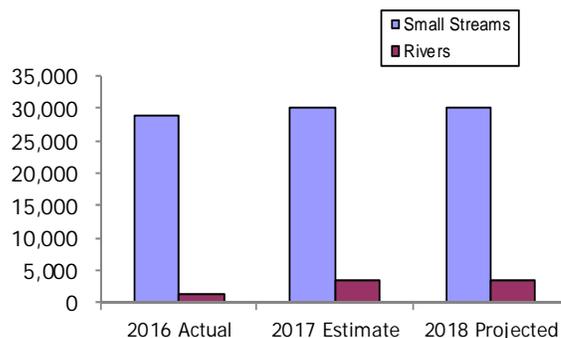
• Technology

The District continues to expand the online content related to the Chicago Area Waterway System and the SSMP to keep the public informed and allow access to related information.

SMALL STREAMS MAINTENANCE PROGRAM

Through the management of the SSMP, the Maintenance & Operations Department works to reduce flooding in urbanized areas. Cook County has little elevation; therefore, its streams tend to move slowly and are naturally prone to flooding. Many developed areas were originally uninhabited muddy marshes with meandering streams that often overtopped their banks. The streams that flow through the neighborhoods of Cook County are more than just a scenic part of the landscape or a habitat for wildlife. They serve the vital function of draining stormwater and preventing flooding. In order to function properly, the streams must be maintained. The SSMP’s top priorities are removing blockages such as log jams, beaver dams, and other material and debris from the streams and preventing future blockages by removing dead and unhealthy trees and invasive species, such as buckthorn and honeysuckle, which choke out native vegetation from the streambanks.

Cubic Yards of Debris Removed from Small Streams and Rivers in Cook County



CAPITAL IMPROVEMENT PROGRAM

The focus of many of the Stormwater Capital Improvement Program projects is on regional waterways in highly urbanized areas. During the design of these projects, the District focuses on utilizing natural methods for addressing streambank erosion, including the use of biostabilization measures, such as vegetated geogrids, geocells, turf reinforcing mats, and native vegetation, wherever practical.

The Board of Commissioners prioritizes potential projects arising from the DWPs on a countywide basis. Two categories have been established for DWP projects. The first category is streambank stabilization, which involves addressing critical active streambank erosion threatening public safety, structures, and/or infrastructure. The second category is flood control, which addresses regional overbank flooding.

Streambank Stabilization Projects and Flood Control Projects

A map of streambank stabilization project locations is provided on page 532, while maps of flood control projects including reservoirs, capital improvement projects, and green infrastructure and other projects the District is implementing with local municipalities can be found on pages 533 – 535.

FLOOD-PRONE PROPERTY ACQUISITION PROGRAM

The District’s statutory authority for Stormwater Management in Cook County (70 ILCS 2605/7h) was amended in 2014 to allow for the acquisition of flood-prone properties. Subsequent to amending the Cook County Stormwater Management Plan to be consistent with Public Act 98-0652, the District’s Board of Commissioners adopted a policy on selection and prioritization of projects for acquiring flood-prone property, which is comprised of three distinct components, as follows:

- Local Sponsorship Assistance Program: The District’s top priority will be to facilitate the Illinois Emergency Management Agency’s federally funded program by assisting local sponsor communities in providing their share of the cost for property acquisition;
- District Initiated Program: The cost of a property acquisition alternative will be estimated for any approved project and compared to the estimated cost of the structural project determined through a preliminary engineering analysis. Should the cost of the property acquisition alternative be less than the structural project, and the benefits at least equivalent, the acquisition alternative will be pursued in lieu of the structural project;
- Local Government Application Program: The District will consider applications directly from local governments requesting property acquisition of specific flood-prone structures.

Acquisition Projects

- In the third quarter of 2017, the District solicited applications from municipalities and townships for assistance with the acquisition of flood-prone structures located throughout Cook County;
- Entered into IGAs to partner with the Villages of Flossmoor, Franklin Park, and Stone Park to acquire 68 flood-prone residential structures. These acquisitions will be completed in 2019. As a result of the 2017 applications, additional IGAs will be negotiated to assist local communities with flood-prone property acquisitions in the future.

Stormwater Management Fund Program

<u>Awards in 2018</u>			Est.	MWRD		Est.
#	Project Name	Project Number	Constr- uction Cost	2018 Appro- piation	Dura- tion (days)	Award Date
1	Flood Control Project at Arrowhead Lake, Palos Heights, CSA	10-883-BF	\$ 1,200	\$ 1,200	357	Jan-18
2	Flood Control Project on Farmers and Prairie Creeks, NSA	12-056-3F	14,100	3,600	660	Jan-18
3	* Buffalo Creek Reservoir Expansion, NSA	13-370-3F	2,350	1,458	546	Jan-18
4	Rainwater Harvesting System at Dearborn Homes, Chicago, SSA	14-113-5F	900	900	240	Jan-18
5	Flood Control Project on Natalie Creek in Oak Forest and Midlothian, CSA	14-252-3F	7,806	3,000	730	Jan-18
6	** Flood Control Project on Midlothian Creek in Robbins, IL, CSA	14-253-5F	11,000	2,000	560	Jan-18
7	Flood Control Project on 103rd Street from Cicero Avenue to Central Avenue, Oak Lawn, CSA	15-IGA-22	3,000	1,500	577	Jan-18
8	Railroad Drainage Area Outlet, Riverside, SSA	16-IGA-03	90	90	273	Jan-18
9	Flood Control Project for Deer Creek, CSA	10-884-BF	3,440	1,720	640	Feb-18
10	Flood Control Project for the Washington Street Area in Blue Island, IL, CSA	14-260-5F	5,700	1,000	640	Feb-18
11	Flood Control Project at 61st Avenue and 36th Street, Cicero, SSA	16-IGA-21	2,500	500	575	Apr-18
12	Lyons Levee Flood Control Improvements, SSA	13-199-3F	3,500	1,750	635	Aug-18
13	Streambank Stabilization Project along Calumet Union Drainage Ditch, CSA	10-882-BF	1,568	1,029	1,460	Dec-18
14	La Grange Storm Sewer Improvements, SSA	16-IGA-02	3,000	1,500	370	Dec-18
Total 2018 Awards			\$ 60,154	\$ 21,247		

Projects Under Development

#	Project Name	Project Number	Est. Constr- uction Cost	Duration (days)	Est. Award Date
15	Flood Control Project in the Worth Woods Subdivision in Worth, Illinois, CSA	14-256-3F	\$ 2,500	371	Mar-19
16	Flood Control Project on 1st Avenue from Roosevelt Road to Cermak Road, SSA	14-111-3F	2,500	540	Apr-19
17	Flood Control Project along Plainfield Road from Willow Springs Road to East Avenue, SSA	14-112-3F	17,000	730	Jun-19
18	Flood Control Project on Central Road from the Des Plaines River to Greenwood Road, NSA	14-065-3F	12,000	700	Jun-19
19	Flood Control Project on Calumet-Sag Tributary C in Bremen Township and Midlothian, Illinois, CSA	14-257-3F	3,600	366	Nov-19

Projects Under Development (continued)

#	Project Name	Project Number	Est. Constr- uction Cost	Duration (days)	Est. Award Date
20	Flood Control Project in the vicinity of 135th Street and Central Avenue in Crestwood, Illinois, CSA	14-258-3F	\$ 9,300	366	Nov-19
21	Flood Control Project on the West Fork of the North Branch of the Chicago River, NSA	16-IGA-18	6,600	460	Feb-20
22	Green Infrastructure Intergovernmental Agreements	Various	21,100	Various	TBD
23	Flood-Prone Property Acquisition Intergovernmental Agreements	Various	24,600	Various	TBD
Total Future Awards			\$ 99,200		
Cumulative 2018 and Future Awards			\$ 159,354		

*These projects are 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.

**The District's actual contribution will be determined based upon grants and other partner funding commitments.

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

Stormwater Management Fund Program Impacts

#	Project Name	Project Number	Justification					Impact		
			Capacity Needs	Useful Life	Economic Benefit	Safety/Regulatory	Flood Control	Manpower	Energy	Chemical
<u>Awards in 2018</u>										
1	Flood Control Project at Arrowhead Lake, Palos Heights, CSA	10-883-BF				X	X	=	=	=
2	Flood Control Project on Farmers and Prairie Creeks, NSA	12-056-3F				X	X	=	=	=
3	Buffalo Creek Reservoir Expansion, NSA	13-370-3F				X	X	=	=	=
4	Rainwater Harvesting System at Dearborn Homes, Chicago, SSA	14-113-5F				X	X	=	=	=
5	Flood Control Project on Natalie Creek in Oak Forest and Midlothian, CSA	14-252-3F				X	X	=	=	=
6	Flood Control Project on Midlothian Creek in Robbins, IL, CSA	14-253-5F	X	X	X	X	X	=	=	=
7	Flood Control Project on 103rd Street from Cicero Avenue to Central Avenue, Oak Lawn, CSA	15-IGA-22				X	X	=	=	=
8	Railroad Drainage Area Outlet, Riverside, SSA	16-IGA-03					X	=	=	=
9	Flood Control Project for Deer Creek, CSA	10-884-BF				X	X	=	=	=
10	Flood Control Project for the Washington Street Area in Blue Island, IL, CSA	14-260-5F	X	X	X	X	X	=	=	=
11	Flood Control Project at 61st Avenue and 36th Street, Cicero, SSA	16-IGA-21			X		X	=	=	=
12	Lyons Levee Flood Control Improvements, SSA	13-199-3F				X	X	=	=	=
13	Streambank Stabilization Project along Calumet Union Drainage Ditch, CSA	10-882-BF				X	X	=	=	=
14	La Grange Storm Sewer Improvements, SSA	16-IGA-02	X	X	X	X	X	=	=	=
<u>Projects Under Development</u>										
15	Flood Control Project in the Worth Woods Subdivision in Worth, Illinois, CSA	14-256-3F	X				X	=	=	=
16	Flood Control Project on 1st Avenue from Roosevelt Road to Cermak Road, SSA	14-111-3F	X		X	X	X	=	=	=
17	Flood Control Project along Plainfield Road from Willow Springs Road to East Avenue, SSA	14-112-3F	X		X		X	+	=	+
18	Flood Control Project on Central Road from the Des Plaines River to Greenwood Road, NSA	14-065-3F	X		X		X	+	=	=
19	Flood Control Project on Calumet-Sag Tributary C in Bremen Township and Midlothian, Illinois, CSA	14-257-3F	X		X	X	X	=	=	=

Stormwater Management Fund Operating Impacts for Projects Under Development (continued)			Justification					Impact		
			<i>Capacity Needs</i>	<i>Useful Life</i>	<i>Economic Benefit</i>	<i>Safety/Regulatory</i>	<i>Flood Control</i>	<i>Manpower</i>	<i>Energy</i>	<i>Chemical</i>
#	Project Name	Project Number								
20	Flood Control Project in the vicinity of 135th Street and Central Avenue in Crestwood, Illinois, CSA	14-258-3F	x	x	x	x	x	=	=	=
21	Flood Control Project on the West Fork of the North Branch of the Chicago River, NSA	16-IGA-18					x	=	=	=
22	Green Infrastructure Intergovernmental Agreements	Various			x	x	x	=	=	=
23	Flood-Prone Property Acquisition Intergovernmental Agreements	Various			x	x	x	=	=	=

LEGEND	
Under " Justification ," the marked columns note the categories of benefits expected from each project.	
Manpower	
+ or - Labor savings (+) or increases (-) expected to result in redirecting existing manpower away from or toward facility or process to other tasks with no net change in total position costs.	++ or -- Labor impact significant enough to ultimately result in reduction (++) or increase (--) in personnel. See additional cost details contained in "Description of Capital Projects" section.
Energy	
+ or - Minor energy savings (+) or costs (-) having a negligible impact on the District's overall energy budget.	++ or -- Major energy savings (++) or costs (--) expected to result in significant revisions to a facility's energy budget. See additional cost details in "Description of Capital Projects" section.
Chemical	
+ or - Chemical savings (+) or costs (-) having a negligible impact on the District's overall chemical costs.	++ or -- Major chemical savings (++) or costs (--) expected to result in significant revisions to the budgeted chemical expenditures for the associated process. See additional cost details contained in "Description of Capital Projects" section.
= No budgetary impact expected.	

Streambank Stabilization Project on Oak Lawn Creek, CSA

Project Number: 10-237-3F

Service Area: Calumet

Location: Oak Lawn, IL

Engineering Consultant: MWH Americas, Inc.

General Contractor: Judlau Contracting, Inc.

Estimated Construction Cost: \$3,035,000

Contract Award Date: September 2016

Substantial Completion Date: September 2018*



Project Description: Stabilization of approximately 1,200 linear feet of Oak Lawn Creek, from Central Avenue to Massasoit Avenue in Oak Lawn, using soldier piles and precast concrete panels. Trees and other plantings will be installed upon the completion of the wall.

Project Justification: Safety/Regulatory and Flood Control. The creek banks have deteriorated due to hydraulic erosion and slope failures, thus potentially compromising the slopes and impacting residential structures that are in the vicinity.

Project Status: The project is under construction.

This project is funded under the Capital Improvements Bond Fund. See Section V Capital Budget for additional information.

*Information shown is estimated.

Streambank Stabilization Project on Tinley Creek, CSA

Project Number: 10-882-AF

Service Area: Calumet

Location: Orland Park, IL

Engineering Consultant: Michael Baker Jr., Inc.

General Contractor: To be determined

Estimated Construction Cost: \$3,806,000

Contract Award Date: January 2018*

Substantial Completion Date: August 2019*



Project Description: This project will stabilize approximately 2,200 linear feet of Tinley Creek between 86th Avenue and Crystal Creek Drive and 2,800 linear feet between 151st Street and Oriole Court, at two locations in the Village of Orland Park.

Project Justification: Safety/Regulatory and Flood Control. This project will protect structures and infrastructure in imminent danger of failure due to active streambank erosion.

Project Status: This project is at the 98 percent design stage. The District is finalizing an Intergovernmental Agreement with the Village of Orland Park. The District and the Village of Orland Park are procuring easements from affected property owners.

This project is funded under the Capital Improvements Bond Fund. See Section V Capital Budget for additional information.

*Information shown is estimated.

Streambank Stabilization Project along Calumet Union Drainage Ditch, CSA

Project Number: 10-882-BF

Service Area: Calumet

Location: Markham, IL

Engineering Consultant: Michael Baker, Jr., Inc.

General Contractor: To be determined

Estimated Construction Cost: \$1,568,000

Contract Award Date: December 2018*

Substantial Completion Date: December 2021*



Project Description: This project will stabilize approximately 3,559 linear feet of the Calumet Union Drainage Ditch, between Sunset and Central Park Avenues, in the City of Markham. The project requires one year of monitoring and maintenance following substantial completion.

Project Justification: Safety/Regulatory and Flood Control. This project will protect 42 residential structures and infrastructure in imminent danger of failure from active streambank erosion and flooding.

Project Status: This project is at the 98 percent design stage. An Intergovernmental Agreement with the City of Markham has been executed and the permits have been obtained. The District is procuring easements from affected property owners.

*Information shown is estimated.

Streambank Stabilization/Flood Control Project on Tinley Creek, CSA

Project Number: 10-882-DF

Service Area: Calumet

Location: Orland Hills, IL

Engineering Consultant: CH2M HILL Engineers, Inc.

General Contractor: Cardno, Inc.

Estimated Construction Cost: \$664,000

Contract Award Date: April 2016

Substantial Completion Date: May 2020*



Project Description: This project will provide naturalized channel stabilization/flood control on Tinley Creek, from Lake Lorin to 88th Avenue in Orland Hills.

Project Justification: Safety/Regulatory and Flood Control. This project will protect against erosion along a segment of Tinley Creek and reduce the risk of overtopping of the Lake Lorin outlet structure.

Project Status: The project is under construction.

*Information shown is estimated.

Flood Control/Streambank Stabilization Project on Tinley Creek, CSA

Project Number: 10-883-AF

Service Area: Calumet

Location: Crestwood, IL

Engineering Consultant: CH2M Hill Engineers, Inc. and Infrastructure Engineering, Inc.

General Contractor: Industria Inc.

Estimated Construction Cost: \$7,359,000

Contract Award Date: September 2015

Substantial Completion Date: October 2019*



Project Description: This project will increase the conveyance capacity of Tinley Creek, downstream of Central Avenue, and will stabilize approximately 1,000 linear feet of Tinley Creek, downstream of the conveyance improvements.

Project Justification: Safety/Regulatory and Flood Control. This project will provide protection from the 100-year flood event for approximately 173 structures, and it will protect an existing bike path, a commercial building, two pedestrian bridges, and a potable water infrastructure from failure due to erosion of the streambank.

Project Status: The project is under construction.

*Information shown is estimated.

Flood Control Project at Arrowhead Lake, Palos Heights, CSA

Project Number: 10-883-BF

Service Area: Calumet

Location: Palos Heights, IL

Engineering Consultant: CH2M HILL Engineers, Inc.

General Contractor: To be determined

Estimated Construction Cost: \$1,200,000

Contract Award Date: January 2018*

Substantial Completion Date: January 2019*



Project Description: This project will raise an existing bicycle trail on the north side of Arrowhead Lake, in unincorporated Palos Heights, to increase stormwater storage in the lake.

Project Justification: Safety/Regulatory and Flood Control. This project will remove approximately 70 structures from the Federal Emergency Management Agency Zone A floodplain.

Project Status: The District is finalizing an Intergovernmental Agreement with the Forest Preserve District of Cook County and the City of Palos Heights. The District is also working to obtain a dam permit from the Illinois Department of Natural Resources. Contract documents are being prepared for advertisement.

*Information shown is estimated.

Flood Control Project on the East Branch of Cherry Creek, Flossmoor, CSA

Project Number: 10-883-CF

Service Area: Calumet

Location: Flossmoor, IL

Engineering Consultant: CH2M HILL Engineers, Inc.

General Contractor: IHC Construction Companies, LLC

Estimated Construction Cost: \$3,305,000

Contract Award Date: March 2017

Substantial Completion Date: March 2021*



Project Description: This project includes the construction of an overflow channel on Homewood-Flossmoor High School's property, west of Governors Highway. It will also replace two collapsed culverts and create shelf storage on Cherry Creek.

Project Justification: Safety/Regulatory and Flood Control. This project will remove 16 structures from the regulatory floodplain.

Project Status: The project is under construction.

This project is partially funded under the Capital Improvements Bond Fund. See Section V Capital Budget for additional information [Capital Improvements Bond Fund = \$2,590,000; Stormwater Management Fund = \$715,000].

*Information shown is estimated.

Flood Control Project for Deer Creek, CSA

Project Number: 10-884-BF

Service Area: Calumet

Location: Ford Heights, IL

Engineering Consultant: Black & Veatch Corporation

General Contractor: To be determined

Estimated Construction Cost: \$3,440,000

Contract Award Date: February 2018*

Substantial Completion Date: December 2019*



Project Description: This project will reduce flood damage by improving channel conveyance and raising a berm at approximately 3,000 feet, between U.S. Route 30 and Hammond Lane, within the Village of Ford Heights. This project includes the construction of a vegetated berm, stabilization of bank slopes, placement of pools and rock riffles, and planting of diverse native landscaping.

Project Justification: Safety/Regulatory and Flood Control. This project will help alleviate public health and safety concerns by reducing overbank flooding, which affects approximately 270 structures within the Village of Ford Heights.

Project Status: The District has executed an Intergovernmental Agreement with the Village of Ford Heights for this project. The project is at the 98 percent design completion stage. The District is currently working to obtain the required easements and acquisitions for the project. Permits need to be finalized with the Army Corps of Engineers and the Illinois Department of Natural Resources.

*Information shown is estimated.

Addison Creek Reservoir, SSA

Project Number: 11-186-3F

Service Area: Stickney

Location: Bellwood, IL

Engineering Consultant: Christopher B. Burke Engineering, Ltd.

General Contractor: To be determined

Estimated Construction Cost: \$95,155,000

Contract Award Date: April 2018*

Substantial Completion Date: April 2020*



Project Description: This project will create an approximately 600 acre-foot flood control reservoir in Bellwood just north of Washington Boulevard and east of Addison Creek. This project includes reservoir excavation and installation of necessary appurtenances for operation of the facility, such as control structure, inlet structure, spillway, piping, and a pumping station.

Project Justification: Safety/Regulatory and Flood Control. This project, along with Addison Creek Channel Improvements project, will help alleviate public health and safety concerns by reducing overbank flooding to approximately 2,200 structures along Addison Creek from Northlake to Broadview. In addition to providing flood control benefits, this reservoir will serve as compensatory storage for the channel improvement project.

Project Status: The project is in the final design phase.

This project is funded under the Capital Improvements Bond Fund. See Section V Capital Budget for additional information.

*Information shown is estimated.

Flood Control Project on Farmers and Prairie Creeks, NSA

Project Number: 12-056-3F

Service Area: North

Location: Des Plaines, Park Ridge, and Maine Township

Engineering Consultant: HNTB Corporation

General Contractor: To be determined

Estimated Construction Cost: \$14,100,000

Contract Award Date: January 2018*

Substantial Completion Date: October 2019*



Project Description: This project includes flood storage and conveyance improvements along Farmers and Prairie Creeks, including channel modifications, detention expansion, diversion sewer construction, and streambank stabilization.

Project Justification: Safety/Regulatory and Flood Control. This project will help alleviate public health and safety concerns by reducing overbank flooding to approximately 128 structures and protecting numerous buildings through streambank stabilization.

Project Status: This project is in the final design stage. In February 2016, 98 percent documents were issued.

*Information shown is estimated.

Lyons Levee Flood Control Improvements, SSA

Project Number: 13-199-3F

Service Area: Stickney

Location: Lyons, IL

Engineering Consultant: MC Consulting, Inc.

General Contractor: To be determined

Estimated Construction Cost: \$3,500,000

Contract Award Date: August 2018*

Substantial Completion Date: May 2020*



Project Description: The Lyons Levee is located on the east bank of the Des Plaines River and is approximately 4,000 feet long, beginning at Joliet Road at the upstream end and extending approximately 700 feet downstream of 47th Street. The scope of the project involves the restoration and improvement of the levee to a condition that will elevate the levee to modern design standards, provide flood protection, and prevent overtopping by events up to a 100-year design flood.

Project Justification: Safety/Regulatory and Flood Control. This project will provide protection against overtopping of the levee during a 100-year flood. Overtopping has resulted in major flooding in the recent past (2013), impacting the Village of Forest View that is located east of the levee. Overtopping could also jeopardize the ComEd substation that is located east of Forest View and create the potential for power disruptions or failures at Midway Airport and the Stickney Water Reclamation Plant.

Project Status: This project is in the final design stage. Short-term, temporary stabilization measures were implemented in 2014, pending long-term restoration measures.

*Information shown is estimated.

Streambank Stabilization Project on Melvina Ditch in Oak Lawn and Chicago Ridge, CSA

Project Number: 13-248-3F

Service Area: Calumet

Location: Oak Lawn and Chicago Ridge, IL

Engineering Consultant: MWH Americas, Inc.

General Contractor: To be determined

Estimated Construction Cost: \$8,800,000

Contract Award Date: January 2018*

Substantial Completion Date: January 2020*



Project Description: This project involves streambank stabilization along Melvina Ditch, from 95th Street to 99th Street. Approximately 150 linear feet of the ditch at the north end of the project site will be stabilized with twin box culverts. The remaining 2,500 linear feet of the ditch will be stabilized with a precast concrete modular block retaining wall system.

Project Justification: Capacity Needs, Economic Benefit, Safety/Regulatory, and Flood Control. The banks have deteriorated due to hydraulic erosion and slope failures, potentially compromising roadways and structures that are in the vicinity.

Project Status: Easements and permits are being finalized. The District is currently seeking funding from Illinois Environmental Protection Agency's State Revolving Fund loan program.

This project is funded under the Capital Improvements Bond Fund. See Section V Capital Budget for additional information.

*Information shown is estimated.

Buffalo Creek Reservoir Expansion, NSA

Project Number: 13-370-3F

Service Area: North

Location: Buffalo Grove, IL

Engineering Consultant: Hey & Associates, Inc.

General Contractor: To be determined

Estimated Construction Cost: \$21,650,000

Contract Award Date: January 2018*

Substantial Completion Date: July 2019*



Project Description: This project will increase the impoundment capacity of the existing Buffalo Creek Reservoir by approximately 180 acre-feet. Pedestrian bridges and boardwalks will be replaced and existing trails will be relocated to remove them from the 10-year storm event.

Project Justification: Safety/Regulatory and Flood Control. Approximately 104 structures will receive flood protection from the expansion.

Project Status: The District is finalizing an intergovernmental agreement for construction of the project with the Lake County Forest Preserve District and the Village of Buffalo Grove. The District is also working to obtain necessary permits, which requires an intergovernmental agreement with the Lake County Forest Preserve District for wetland mitigation.

This project is partially funded under the Capital Improvements Bond Fund. See Section V Capital Budget for additional information [Capital Improvements Bond Fund = \$19,300,000; Stormwater Management Fund = \$2,350,000].

*Information shown is estimated.

Rainwater Harvesting System at Dearborn Homes, Chicago, SSA

Project Number: 14-113-5F

Service Area: Stickney

Location: Chicago, IL

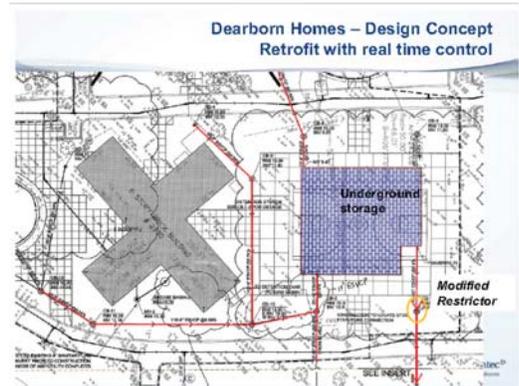
Engineering Consultant: Geosyntec Consultants

General Contractor: To be determined

Estimated Construction Cost: \$900,000

Contract Award Date: January 2018*

Substantial Completion Date: September 2018*



Project Description: Construct and install storm sewers, structures, irrigation equipment, rainwater harvesting pumps, water service connections, and the OptiRTC control tool to reuse the detained stormwater for irrigation of nearby landscaping for six buildings within the housing complex.

Project Justification: Safety/Regulatory and Flood Control. This project will assist in fulfilling requirements in the Green Infrastructure Section of the Combined Sewer Overflow Consent Decree.

Project Status: The design stage is almost complete. The project will be bid out in Fall 2017 for early 2018 award. The project should start and complete in 2018.

*Information shown is estimated.

Flood Control Project on Natalie Creek in Oak Forest and Midlothian, CSA

Project Number: 14-252-3F

Service Area: Calumet

Location: Oak Forest and Midlothian, IL

Engineering Consultant: Burns & McDonnell Engineering Company, Inc.

General Contractor: To be determined

Estimated Construction Cost: \$7,806,000

Contract Award Date: January 2018*

Substantial Completion Date: January 2020*



Project Description: The scope of this project is to install flood control measures for an estimated 15,800 linear feet along Natalie Creek from 157th and Central Park in Oak Forest to 146th and Pulaski in Midlothian. Flood control measures involve the upsizing of restrictive culverts, improving the channel at several locations, and the installation of a stormwater detention basin. The project will reduce flood damages for over 230 structures. This project is in the Little Calumet River Watershed.

Project Justification: Safety/Regulatory and Flood Control.

Project Status: The project is in the final design stage.

*Information shown is estimated.

Flood Control Project on Midlothian Creek in Robbins, IL, CSA

Project Number: 14-253-5F

Service Area: Calumet

Location: Robbins, IL

Engineering Consultant: Donohue & Associates

General Contractor: To be determined

Estimated Construction Cost: \$11,000,000 (The District's 2018 contribution is budgeted at \$2,000,000)

Contract Award Date: January 2018*

Substantial Completion Date: July 2019*



Project Description: The Flood Control Project on Midlothian Creek in Robbins will include the creation of a naturalized wetland detention area along with channel improvements to resemble a park setting. The project will reduce flood damages for over 92 structures and provide opportunity for economic development in Robbins. The actual District cost share will be determined based upon funding being sought from various local and regional agencies as well as grants. This project is in the Little Calumet River Watershed.

Project Justification: Capacity Needs, Useful Life, Economic Benefit, Safety/Regulatory, and Flood Control.

Project Status: The project is in the final design stage.

*Information shown is estimated.

Flood Control Project for the Washington Street Area in Blue Island, IL, CSA

Project Number: 14-260-5F

Service Area: Calumet

Location: Blue Island, IL

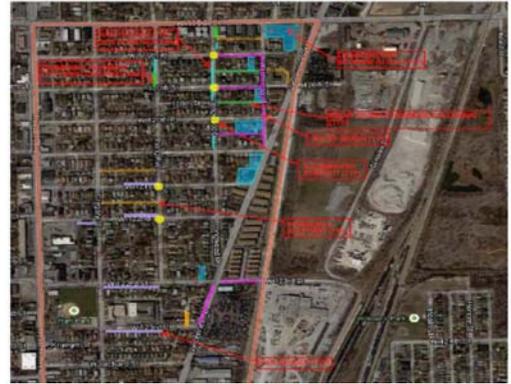
Engineering Consultant: Environmental Design International (EDI)

General Contractor: To be determined

Estimated Construction Cost: \$5,700,000 (District's 2018 contribution is budgeted at \$1,000,000)

Contract Award Date: February 2018*

Substantial Completion Date: November 2019*



Project Description: The Flood Control Project for the Washington Street Area in Blue Island will include stormwater storage and conveyance improvements to address flooding of approximately 45 structures. The actual District cost share will be determined based upon funding being sought from various local and regional agencies as well as grants. This project is in the Calumet Sag Channel Watershed.

Project Justification: Capacity Needs, Useful Life, Economic Benefit, Safety/Regulatory, and Flood Control.

Project Status: The preliminary design phase for the project is being finalized.

*Information shown is estimated.

Melvina Ditch Reservoir Improvements, CSA

Project Number: 14-263-3F

Service Area: Calumet

Location: Burbank, IL

Engineering Consultant: V3 Companies of Illinois, Ltd.

General Contractor: To be determined

Estimated Construction Cost: \$20,500,000

Contract Award Date: October 2017*

Substantial Completion Date: March 2020*



Project Description: This project consists of expanding the existing Melvina Ditch Reservoir by up to 195 acre-feet to increase its storage capacity (up to a 118 percent increase), modifying the pumping station to accommodate the reservoir expansion, and installing a new emergency overflow weir to reduce the likelihood of reservoir overtopping. Reservoir expansion will include work within the existing reservoir footprint on District property and includes additional private properties around the perimeter of the reservoir. Local stakeholders gave feedback, and a reservoir expansion configuration was selected. Additional work includes the installation of an emergency overflow/high water bypass structure and three flap gates and the replacement of the existing elliptical culverts at the outlet of the Melvina Ditch Reservoir Pumping Station with dual box culverts and a stormwater chamber. Construction limits that are immediately adjacent to the pumping station and in the 87th Street right-of-way are needed to install the culverts and to replace any disturbed utilities in conflict with the installation. Storm pumps will be removed and serviced and the impellers will be lengthened.

Project Justification: Safety/Regulatory and Flood Control. The Melvina Ditch Reservoir has exceeded its capacity in recent storm events, resulting in flooding in Burbank and Oak Lawn.

Project Status: This project is currently in the preliminary engineering stage. Construction of the Melvina Ditch Reservoir Improvements is anticipated to take 30 months. A portion of this project will be funded through a grant from the State of Illinois through its Build Illinois Bond Fund.

This project is funded under the Capital Improvements Bond Fund. See Section V Capital Budget for additional information.

*Information shown is estimated.

Flood Control Project on 103rd Street from Cicero Avenue to Central Avenue, Oak Lawn, CSA

Project Number: 15-IGA-22

Service Area: Calumet

Location: Oak Lawn, IL

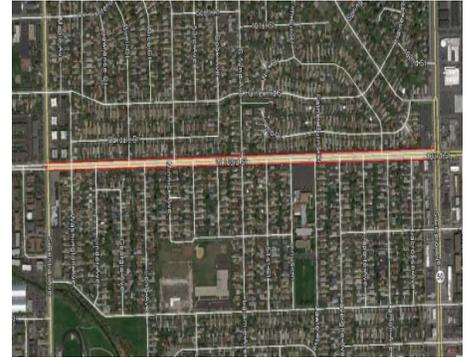
Engineering Consultant: Village of Oak Lawn

General Contractor: To be determined

Estimated Construction Cost: \$3,000,000 (District cost share amount)

Contract Award Date: January 2018* (Board Authority to enter agreement)

Substantial Completion Date: August 2019*



Project Description: This is a cost sharing agreement with the Village of Oak Lawn to install precast box culverts under 103rd Street and a back flow preventer with a pump at Stony Creek to provide underground stormwater detention storage.

Project Justification: Safety/Regulatory and Flood Control. This project will reduce flooding to residents of Oak Lawn. It will also reduce flooding downstream by preventing flow backup into the Oak Lawn sewer system.

Project Status: The project is being designed.

*Information shown is estimated.

La Grange Storm Sewer Improvements, SSA

Project Number: 16-IGA-02

Service Area: Stickney

Location: Village of La Grange, IL

Engineering Consultant: To be determined

General Contractor: To be determined

Estimated Construction Cost: \$3,000,000 (District cost share amount)

Contract Award Date: December 2018* (Board Authority to enter agreement)

Substantial Completion Date: December 2019*



Project Description: The drainage basin south of 47th Street in the Village of La Grange has been subject to overland flooding and sewer backup. A new trunk sewer is scheduled for construction along 50th Street to provide a main drain for the area. The Village of La Grange, in partnership with the District, is proposing to construct lateral sewers in this basin to the future trunk line to drain the depressional areas.

Project Justification: Capacity Needs, Useful Life, Economic Benefit, Safety/Regulatory, and Flood Control.

Project Status: The project is under consideration.

*Information shown is estimated.

Railroad Drainage Area Outlet, Riverside, SSA

Project Number: 16-IGA-03

Service Area: Stickney

Location: Riverside, IL

Engineering Consultant: Christopher B Burke Engineering

General Contractor: To be determined

Estimated Construction Cost: \$90,000 (District cost share amount)

Contract Award Date: January 2018* (Board Authority to enter agreement)

Substantial Completion Date: October 2018*



Project Description: Construct a 24-inch storm sewer outlet to the Des Plaines River and block or restrict flow from the storm sewers of the railroad drainage area to the existing combined sewer in the Village of Riverside, which is responsible for design, construction, operations, and maintenance of the project, which is located in the Lower Des Plaines River watershed.

Project Justification: Flood Control. This project will reduce flooding for 190 residential structures in the Village of Riverside.

Project Status: The project is being designed.

*Information shown is estimated.

Pilot Study for Investigating Technology to Address Basement Backups, CSA

Project Number: 16-IGA-20

Service Area: Calumet

Location: Chicago, IL

Engineering Consultant: Chicago Department of Transportation with the Center for Neighborhood Technology

General Contractor: To be determined

Estimated Construction Cost: \$400,000 (District cost share amount)

Contract Award Date: June 2017 (Board authority to enter agreement)

Substantial Completion Date: December 2018*



Project Description: The District and the City of Chicago (City), through its Departments of Water Management and Transportation, are partnering to conduct a pilot study to evaluate potential runoff reduction and flood protection alternatives. The City will draft the Intergovernmental Agreement.

Project Justification: Economic Benefit and Flood Control. The results of the pilot study will provide valuable information for consideration in future efforts to address flooding in the region.

Project Status: An Intergovernmental Agreement with the City is being negotiated, and the pilot study is anticipated to commence in early 2018.

*Information shown is estimated.

Flood Control Project at 61st Avenue and 36th Street, Cicero, SSA

Project Number: 16-IGA-21

Service Area: Stickney

Location: Cicero, IL

Engineering Consultant: To be determined

General Contractor: To be determined

Estimated Construction Cost: \$2,500,000 (District cost share amount)

Contract Award Date: April 2018* (Board Authority to enter agreement)

Substantial Completion Date: December 2019*



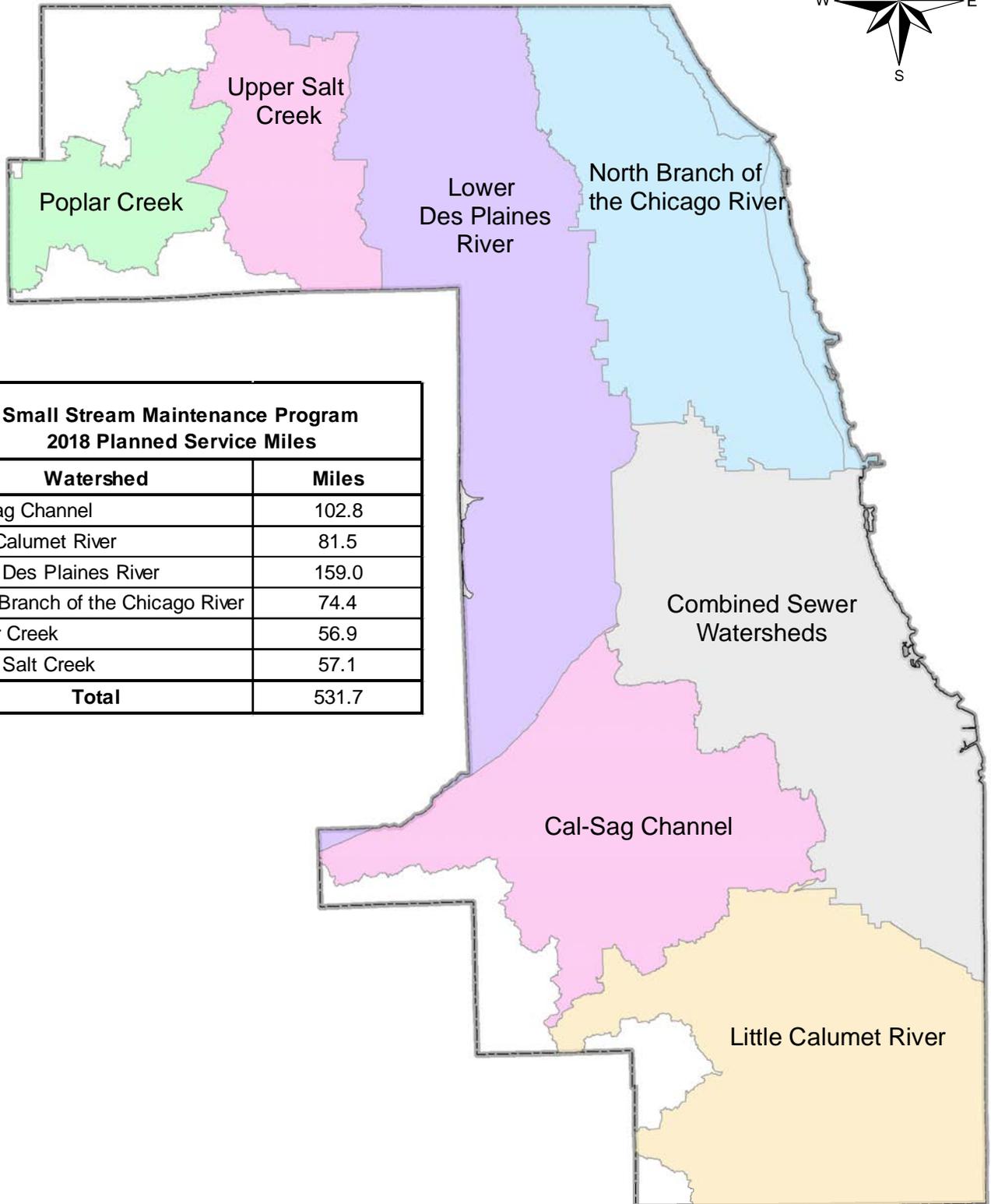
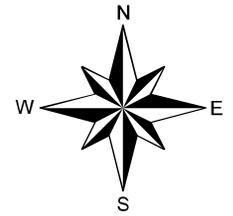
Project Description: New storm sewers will be constructed to collect stormwater tributary to the 61st Avenue and 36th Street intersection in the Town of Cicero and conveyed to Kolar Park, where it will be detained and released via a constricted outlet. A new split detention system will include a 5.5 acre-feet underground detention facility beneath Kolar Park, designed to attenuate a 25-year storm, and an additional 1.9 acre-feet of storage will be provided above ground by recessing Kolar Park to achieve a 50-year storm total level of protection. This is a cost sharing agreement with the Town of Cicero. The design, construction, operations, and maintenance will be the responsibility of the Town.

Project Justification: Economic Benefit and Flood Control. This project will protect approximately 34 residential structures, Lincoln Elementary School, and New Life Community Church from flooding.

Project Status: The preliminary design phase of this project was completed in February 2016. Final design is expected to be completed by the Town of Cicero as part of the Intergovernmental Agreement. The first draft of the Intergovernmental Agreement is currently in negotiation between the Town of Cicero and the District and is expected to be executed in April 2018.

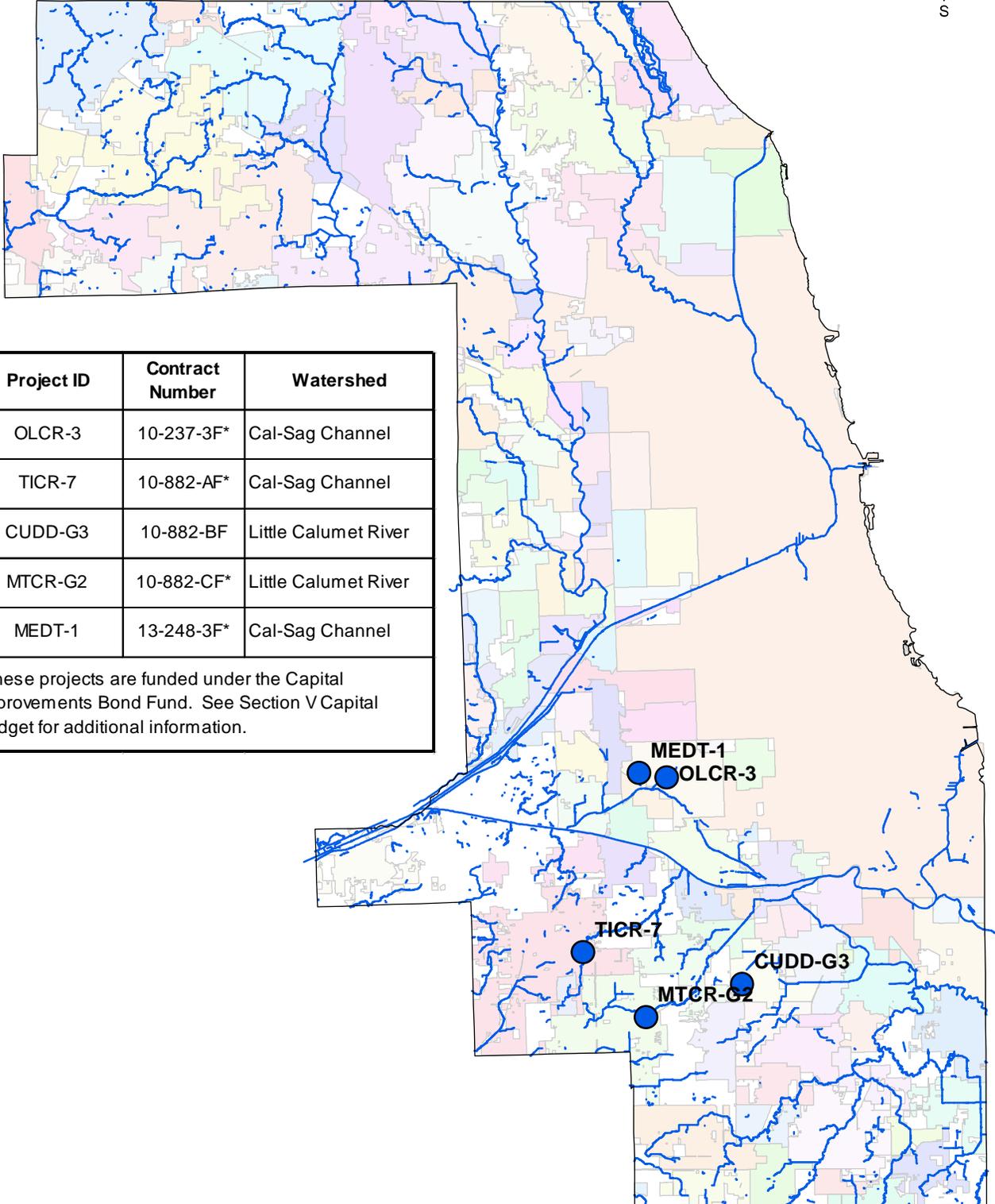
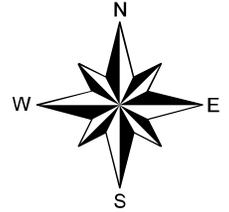
*Information shown is estimated.

STORMWATER MANAGEMENT WATERSHEDS



Small Stream Maintenance Program 2018 Planned Service Miles	
Watershed	Miles
Cal-Sag Channel	102.8
Little Calumet River	81.5
Lower Des Plaines River	159.0
North Branch of the Chicago River	74.4
Poplar Creek	56.9
Upper Salt Creek	57.1
Total	531.7

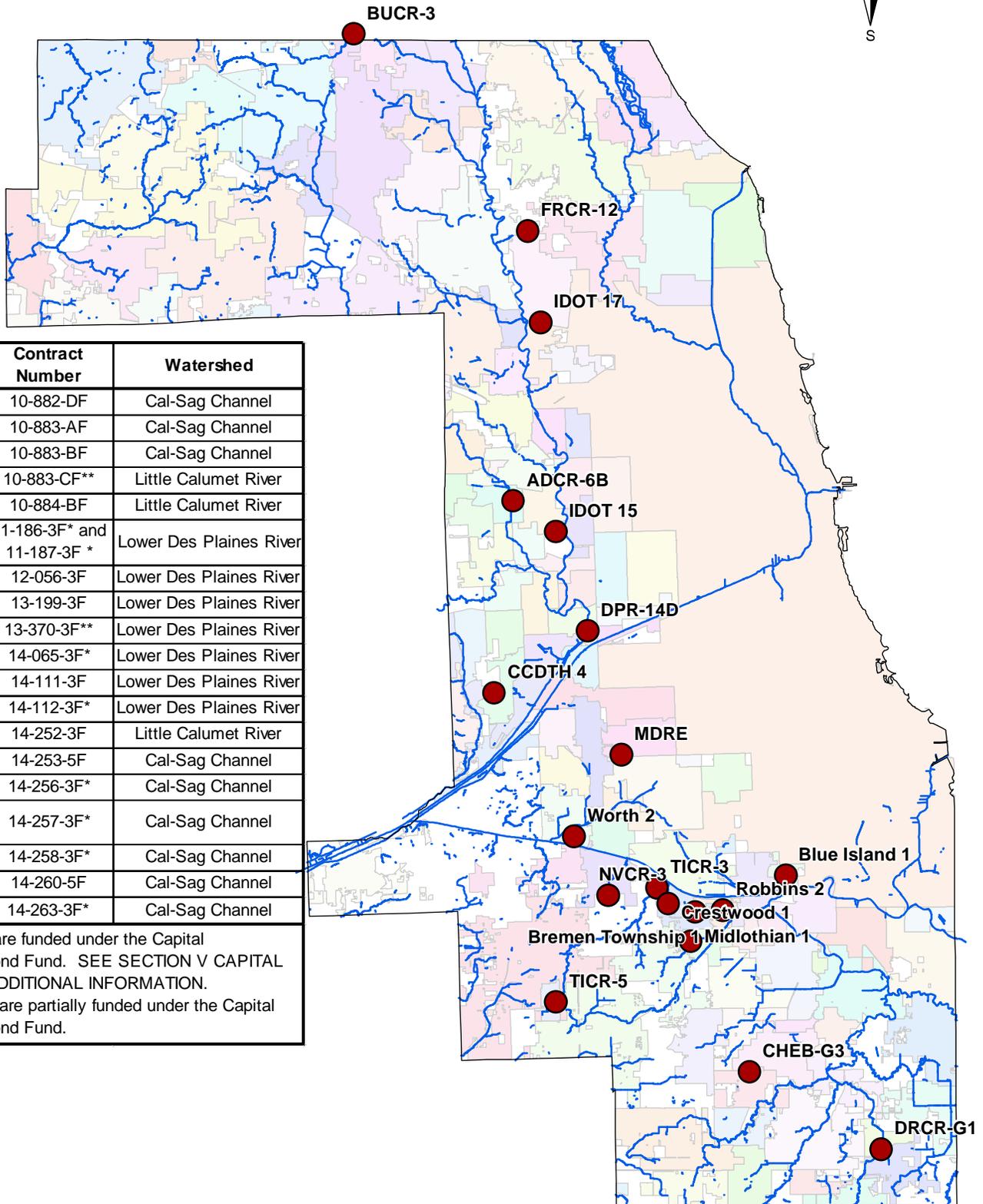
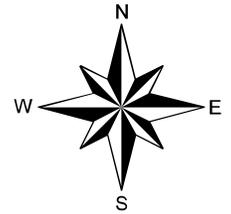
STORMWATER MANAGEMENT PROJECTS STREAMBANK STABILIZATION



Project ID	Contract Number	Watershed
OLCR-3	10-237-3F*	Cal-Sag Channel
TICR-7	10-882-AF*	Cal-Sag Channel
CUDD-G3	10-882-BF	Little Calumet River
MTCR-G2	10-882-CF*	Little Calumet River
MEDT-1	13-248-3F*	Cal-Sag Channel

*These projects are funded under the Capital Improvements Bond Fund. See Section V Capital Budget for additional information.

STORMWATER MANAGEMENT PROJECTS FLOOD CONTROL

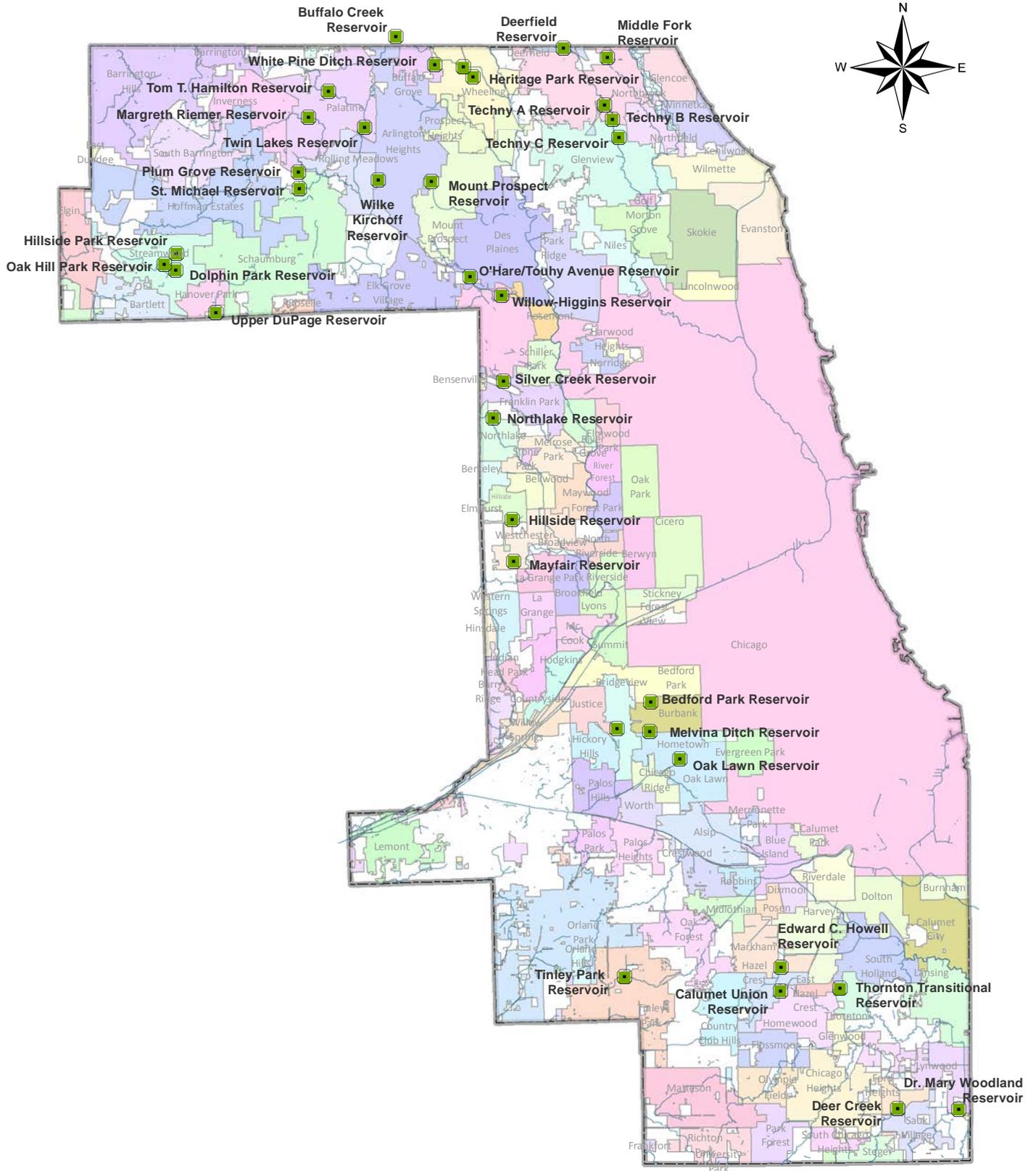


Project ID	Contract Number	Watershed
TICR-5	10-882-DF	Cal-Sag Channel
TICR-3	10-883-AF	Cal-Sag Channel
NVCR-3	10-883-BF	Cal-Sag Channel
CHEB-G3	10-883-CF**	Little Calumet River
DRCR-G1	10-884-BF	Little Calumet River
ADCR-6B	11-186-3F* and 11-187-3F *	Lower Des Plaines River
FRCR-12	12-056-3F	Lower Des Plaines River
DPR-14D	13-199-3F	Lower Des Plaines River
BUCR-3	13-370-3F**	Lower Des Plaines River
IDOT 17	14-065-3F*	Lower Des Plaines River
IDOT 15	14-111-3F	Lower Des Plaines River
CCDTH 4	14-112-3F*	Lower Des Plaines River
Midlothian 1	14-252-3F	Little Calumet River
Robbins 2	14-253-5F	Cal-Sag Channel
Worth 2	14-256-3F*	Cal-Sag Channel
Bremen Township 1	14-257-3F*	Cal-Sag Channel
Crestwood 1	14-258-3F*	Cal-Sag Channel
Blue Island 1	14-260-5F	Cal-Sag Channel
MDRE	14-263-3F*	Cal-Sag Channel

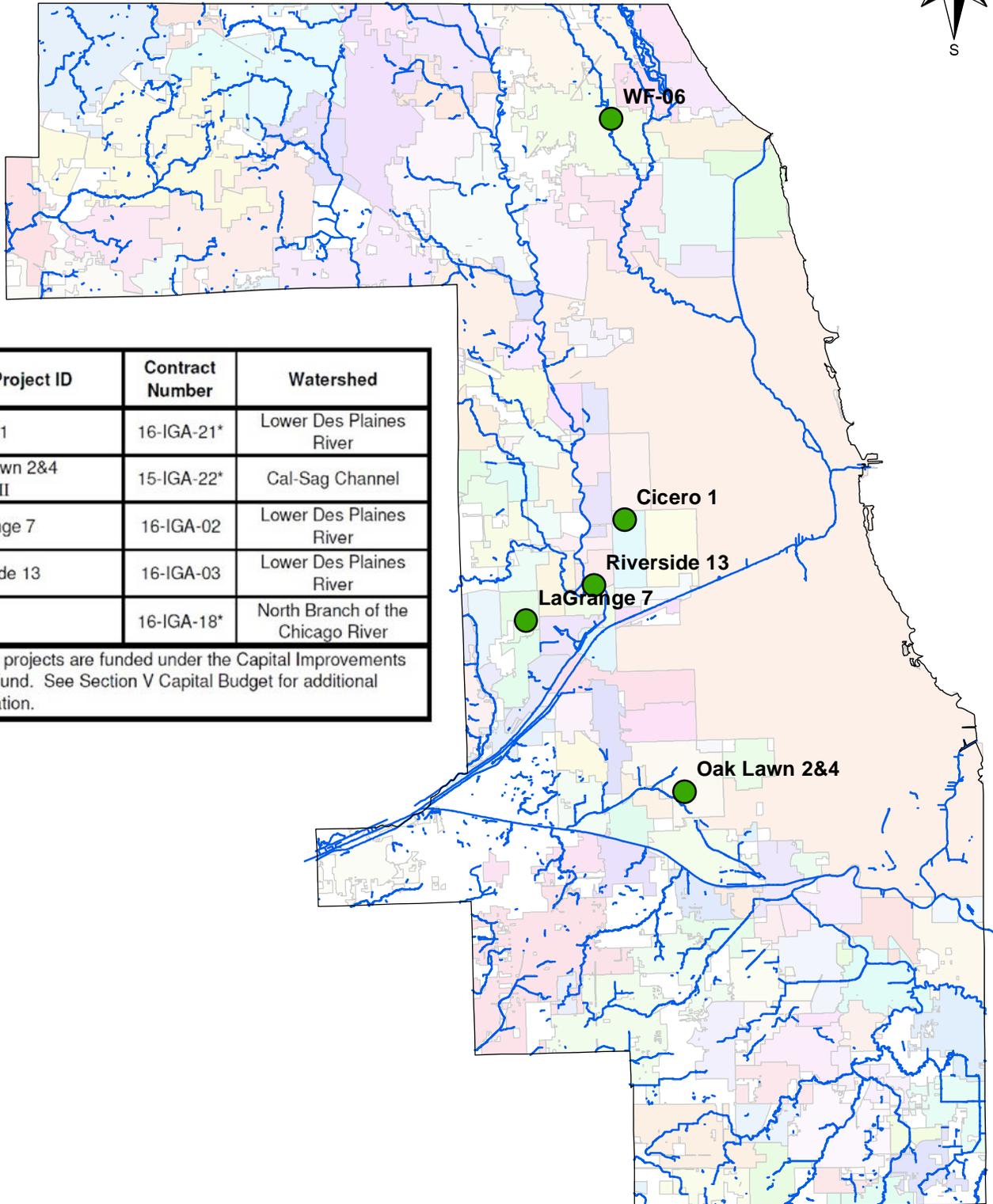
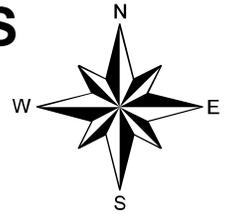
*These projects are funded under the Capital Improvements Bond Fund. SEE SECTION V CAPITAL BUDGET FOR ADDITIONAL INFORMATION.

**These projects are partially funded under the Capital Improvements Bond Fund.

EXISTING MWRD SUPPORTED FLOOD CONTROL RESERVOIRS



STORMWATER MANAGEMENT PROJECTS INTERGOVERNMENTAL AGREEMENTS



Project ID	Contract Number	Watershed
Cicero 1	16-IGA-21*	Lower Des Plaines River
Oak Lawn 2&4 Phase II	15-IGA-22*	Cal-Sag Channel
LaGrange 7	16-IGA-02	Lower Des Plaines River
Riverside 13	16-IGA-03	Lower Des Plaines River
WF-06	16-IGA-18*	North Branch of the Chicago River

*These projects are funded under the Capital Improvements Bond Fund. See Section V Capital Budget for additional information.

50000 STORMWATER MANAGEMENT FUND

OBJECTIVES AND PROGRAM SUMMARY

OBJECTIVES BY PRIORITY:	Cost	Percent
1. Implementation of the Watershed Management Ordinance. Initiation of the program to improve flood control, manage runoff, improve water quality throughout Cook County, and clearly define uniform rules and regulations.	\$ 3,130,600	4.8%
2. Planning, design, and construction of stormwater management projects by the District or outside agencies under agreement.	\$ 57,537,800	87.3%
3. Operation and maintenance of natural and manmade drainageways for the purpose of stormwater management.	\$ 5,211,800	7.9%
Total	<u>\$ 65,880,200</u>	<u>100.0%</u>

MEASURABLE GOALS:

	Unit of Measure	2016 Actual	2017 Estimated	2018 Proposed
1. Award contracts for the continued implementation of the Stormwater Management Capital Improvement Plan in the Stormwater Management and Capital Improvements Bond Funds.	No. of Contracts	3	3	14
2. Expenditures for the acquisition of flood-prone properties in the Capital Improvements Bond Fund.	Dollars	\$3,000,000	\$5,000,000	\$11,635,000
3. Expenditures for intergovernmental cost sharing agreements relating to Green Infrastructure and Stormwater Management Phase II projects in the Stormwater Management and Capital Improvements Bond Funds.	Dollars	\$12,935,605	\$34,400,000	\$16,448,200
4. Remove 33,500 cubic yards of debris from 532 miles of small streams and rivers.	Debris Cubic Yards Removed	30,253	33,500	33,500
Further details of Stormwater Management projects, intergovernmental cost sharing agreements, and land acquisitions are in the Stormwater Management Fund narrative.				

50000 STORMWATER MANAGEMENT FUND

OBJECTIVES AND PROGRAM SUMMARY

PROGRAMS BY PRIORITY:		2016 Actual	Budgeted		Change			
Number	Name		FTEs	Dollars	Dollars	Percent		
1500	Local Sewer Engineering Activity	\$ 908,607	2018	-	\$ -	\$ (940,100)	(100.0)	a)
			2017	9	\$ 940,100			
4310	Stormwater Management Planning	\$ 350,327	2018	-	\$ 390,000	\$ 50,300	14.8	
			2017	-	\$ 339,700			
4320	Stormwater Management Regulation	\$ 80,370	2018	10	\$ 1,242,000	\$ 1,103,500	796.8	b)
			2017	1	\$ 138,500			
4330	Operations and Maintenance	\$ 9,081,486	2018	25	\$ 5,128,400	\$ (1,187,800)	(18.8)	c)
			2017	28	\$ 6,316,200			
4340	Flood Mitigation Projects	\$ 18,315,051	2018	19	\$ 57,535,300	\$20,979,500	57.4	d)
			2017	19	\$ 36,555,800			
4350	Administrative Overhead	\$837,975.00	2018	3	\$ 1,501,100	\$ 72,400	5.1	
			2017	2	\$ 1,428,700			
7604	Social Security and Medicare Contributions	\$ 77,199	2018	-	\$ 83,400	\$ 2,300	2.8	
			2017	-	\$ 81,100			
Totals		\$ 29,651,015	2018	57	\$ 65,880,200	\$20,080,100	43.8%	
			2017	59	\$ 45,800,100			

- a) Decrease is due to the reallocation of salaries to more accurately reflect current activities (\$940,100).
- b) Increase is due to the reallocation of salaries to more accurately reflect current activities (\$932,900), the carryforward of 15-834-5F, Wetland Specialist Services (\$155,100), and the carryforward of 17-839-5C, Land and Hydrologic Analysis for Stormwater Management Facilities (\$15,900).
- c) Decrease is due to the termination of the free rain barrel program administered under 17-685-51, Furnishing, Delivering, and Administration of Rain Barrels (\$1,149,600).
- d) Increase is due to planned award of Green Infrastructure Intergovernmental Agreements (IGAs) (\$4,485,000), IGAs for Flood Prone Property Acquisition (\$4,484,900), 12-056-3F, Flood Control Project on Farmers and Prairie Creek, NSA (\$3,780,000), 14-253-5F, Flood Control Project on Midlothian Creek in Robbins, IL, CSA (\$2,100,000), 10-884-BF, Flood Control Project for Deer Creek, CSA (\$1,806,000), 15-IGA-22, Flood Control Project on 103rd Street from Cicero Avenue to Central Avenue, Oak Lawn, CSA (\$1,500,000), 16-IGA-02, La Grange Storm Sewer Improvements, SSA (\$1,500,000), and 10-883-BF, Flood Control Project at Arrowhead Lake, Palos Heights, CSA (\$1,260,000).

50000 STORMWATER MANAGEMENT FUND

PERFORMANCE DATA

Program Number	Measurable Activity		2016 Actual	2017 Budgeted	2018 Estimated	
1500	Local Sewer Engineering Activity					
1530	Local Sewer Permit Activity	Cost	\$ 594,251	\$ 608,300	\$ -	a)
1560	Local Sewer Public Service Coordination	Cost	\$ 268,208	\$ 262,800	\$ -	b)
1570	Local Sewer Rehabilitation	Cost	\$ 46,148	\$ 69,000	\$ -	c)
4310	Stormwater Management Planning					
4311	Watershed Councils	Cost	\$ 13,998	\$ 37,200	\$ 38,900	
4312	Mapping, Surveys, and Soil Testing	Cost	\$ 324,846	\$ 300,000	\$ 348,600	d)
4314	Publications and Public Information	Cost	\$ 11,483	\$ 2,500	\$ 2,500	
4320	Stormwater Management Regulation					
4321	Permits	Cost	\$ 40,868	\$ 127,300	\$ 951,300	e)
4322	Storm & Flood Ordinance Development	Cost	\$ 27,403	\$ -	\$ 233,600	f)
4323	Inspections	Cost	\$ 12,099	\$ 11,200	\$ 57,100	g)
4330	Operations & Maintenance					
4331	Stormwater Detention Reservoir Activity	Cost	\$ 1,137,531	\$ 1,192,400	\$ 1,187,700	
4332	Small Stream Maintenance	Cost	\$ 4,860,584	\$ 4,878,900	\$ 3,182,100	h)
	Debris Cubic Yards Removed		30,253	33,500	33,500	
	Cost per Cubic Yard		\$ 160.66	\$ 145.64	\$ 94.99	
4334	Operations & Maintenance Contracted with Other Governments	Cost	\$ 3,083,371	\$ 159,900	\$ 159,900	
4335	Waterways Debris Removal	Cost	\$ -	\$ 85,000	\$ 598,700	i)

- a) Decrease due to the reallocation of salaries to more accurately reflect current activities (\$608,300).
- b) Decrease due to the reallocation of salaries to more accurately reflect current activities (\$262,800).
- c) Decrease due to the reallocation of salaries to more accurately reflect current activities (\$69,000).
- d) Increase is due to the carryforward of 16-838-5C, Watershed Specific Release Study - Phase II (\$48,600).
- e) Increase is due to the reallocation of salaries to more accurately reflect current activities (\$668,900), the carryforward of 15-834-5F, Wetland Specialist Services (\$155,100).
- f) Increase is due to the reallocation of salaries to more accurately reflect current activities (\$217,700) and the carryforward of 17-839-5C, Land and Hydrologic Analysis for Stormwater Management Facilities (\$15,900).
- g) Increase is due to the reallocation of salaries to more accurately reflect current activities (\$46,300).
- h) Decrease is due to termination of the free rain barrel program (\$1,149,600) and the reallocation of salaries to more accurately reflect current activities (\$685,000), offset by the carryforward of 17-646-51, Waterways Maintenance (\$170,000).
- i) Increase is due to the reallocation of salaries to more accurately reflect current activities (\$598,700), offset by the deferral of purchasing a replacement pontoon boat for waterways maintenance (\$85,000).

50000 STORMWATER MANAGEMENT FUND

PERFORMANCE DATA

Program Number	Measurable Activity		2016 Actual	2017 Budgeted	2018 Estimated	
4340	Flood Mitigation Projects					
4341	Planning/Design	Cost	\$ 4,597,079	\$ 9,389,700	\$ 8,939,500	j)
4342	Contract Administration	Cost	\$ 586,452	\$ 585,200	\$ 591,900	
4343	Construction	Cost	\$ 7,198,727	\$ 6,203,200	\$ 18,438,700	k)
4344	Flood Mitigation Projects Contracted with Other Governments	Cost	\$ 2,451,549	\$ 13,038,900	\$ 27,983,300	l)
4345	Land & Easements	Cost	\$ 208,594	\$ 1,569,500	\$ 1,581,900	
7601	Capital Financing Program and Other Related Costs	Cost	\$ 3,272,650	\$ 5,769,300	\$ -	m)
4350	Administrative Overhead	Cost	\$ 837,975	\$ 1,428,700	\$ 1,501,100	
7604	Social Security and Medicare Contributions	Cost	\$ 77,199	\$ 81,100	\$ 83,400	
Total			\$ 29,651,015	\$ 45,800,100	\$ 65,880,200	

- j) Decrease is due to a reduced number of projects scheduled in the final design phase during 2018 (\$3,700,000), offset by increases in Stormwater Master Plans (\$1,500,000), 11-186-3F, Addison Creek Reservoir, SSA (\$750,000), 14-112-3F, Flood Control Project (FCP) along Plainfield Road from Willow Springs to East Avenue, SSA (\$750,000), and utility relocation for the Addison Creek Reservoir, SSA (\$200,000).
- k) Increase is due to the planned award of 12-056-3F, FCP on Farmers and Prairie Creeks, NSA (\$3,780,000), 14-252-3F, FCP on Natalie Creek in Oak Forest and Midlothian, CSA (\$3,150,000), 14-253-5F, FCP on Midlothian Creek in Robbins, IL, CSA (\$2,100,000), 10-884-BF, FCP for Deer Creek, CSA (\$1,806,000), 13-199-3F, and Lyons Levy Flood Control Improvements, SSA (\$1,750,000), offset by the reduction of 10-882-DF, Streambank Stabilization/FCP on Tinley Creek, CSA (\$278,800).
- l) Increase is due to the planned award of Green Infrastructure Intergovernmental Agreements (IGAs) (\$4,485,000), Flood Prone Property Acquisition IGAs (\$4,484,900), 15-IGA-22, FCP on 103rd Street from Cicero Avenue to Central Avenue, Oak Lawn, CSA (\$1,500,000), and 16-IGA-02 La Grange Storm Sewer Improvements, SSA (\$1,500,000), increases to 15-IGA-20, Chicago Public Schools Green Infrastructure (\$1,500,000) and Phase II IGAs (\$1,187,400), and the planned award of 14-260-3F, FCP for the Washington Street Area in Blue Island, IL (\$1,050,000), offset by the reduction of 16-IGA-21, FCP at 61st Avenue and 36th Street, Cicero, SSA (\$750,000).
- m) Decrease is due to elimination of the Equity Transfer to Bond and Interest Fund from the Stormwater Management Fund (\$5,769,300).

501 50000	Fund: Stormwater Management Department: Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 5,379,283	\$ 5,634,800	\$ 5,634,800	\$ 3,858,066	\$ 5,230,300	\$ 5,719,000	\$ -
601060	Compensation Plan Adjustments	154,309	193,000	193,000	79,764	165,000	183,300	-
601070	Social Security and Medicare Contributions	77,199	81,100	81,100	56,560	77,700	83,400	-
601080	Salaries of Nonbudgeted Employees	-	11,400	11,400	-	-	20,000	-
601100	Tuition and Training Payments	8,250	30,600	30,600	4,290	26,000	10,000	-
601250	Health and Life Insurance Premiums	471,312	580,300	580,300	344,417	502,000	567,000	-
601270	General Salary Adjustments	-	-	-	-	-	-	-
100	TOTAL PERSONAL SERVICES	6,090,353	6,531,200	6,531,200	4,343,097	6,001,000	6,582,700	-
612010	Travel	1,995	2,300	2,300	485	2,200	2,000	-
612030	Meals and Lodging	4,032	5,100	5,100	2,961	4,100	4,000	-
612040	Postage, Freight, and Delivery Charges	1,500	2,500	2,500	2,500	1,600	2,500	-
612050	Compensation for Personally-Owned Automobiles	10,661	24,800	24,800	10,070	16,200	24,800	-
612080	Motor Vehicle Operating Services	58	800	800	55	200	800	-
612240	Testing and Inspection Services	-	29,500	29,500	29,500	10,000	10,000	-
612250	Court Reporting Services	8,191	12,000	12,000	12,000	11,500	12,000	-
612330	Rental Charges	873	2,500	2,500	2,500	1,000	2,500	-
612400	Intergovernmental Agreements	2,354,982	12,845,500	12,845,500	10,869,024	7,503,200	26,669,700	-
612430	Payments for Professional Services	66,567	775,000	775,000	661,415	444,700	1,091,000	-
612440	Preliminary Engineering Reports and Studies	3,566,430	4,800,000	4,800,000	2,994,258	3,092,000	3,726,000	-
612450	Professional Engineering Services for Construction Projects	447,140	3,843,900	3,693,900	455,096	369,500	4,086,000	-
612470	Personal Services for Post-Award Engineering for Construction Projects	5,298	-	-	-	-	-	-
612490	Contractual Services, N.O.C.	201,408	246,400	246,400	188,951	212,400	415,000	-
612520	Waste Material Disposal Charges	33,920	70,000	70,000	58,812	64,600	60,000	-
612620	Repairs to Waterway Facilities	2,180,414	2,415,000	2,415,000	2,398,408	2,300,000	2,585,000	-
612820	Computer Software Maintenance	-	-	150,000	150,000	150,000	145,000	-
612990	Repairs, N.O.C.	1,495	6,000	6,000	1,000	1,000	2,000	-
200	TOTAL CONTRACTUAL SERVICES	8,884,965	25,081,300	25,081,300	17,837,034	14,184,200	38,838,300	-
623130	Buildings, Grounds, Paving Materials, and Supplies	4,251	5,000	5,000	5,000	5,000	5,000	-

501 50000	Fund: Stormwater Management Department: Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	6,582	11,500	11,500	5,198	6,100	11,500	-
623560	Processing Chemicals	4,929	5,000	5,000	-	3,200	5,000	-
623680	Tools and Supplies	5,807	11,000	11,000	9,478	7,000	11,000	-
623700	Wearing Apparel	558	2,000	2,000	-	500	2,000	-
623990	Materials and Supplies, N.O.C.	4,431,669	1,240,000	1,240,000	466,585	808,500	90,400	-
300	TOTAL MATERIALS AND SUPPLIES	4,453,797	1,274,500	1,274,500	486,261	830,300	124,900	-
634790	Marine Equipment	-	85,000	85,000	-	-	-	-
400	TOTAL MACHINERY AND EQUIPMENT	-	85,000	85,000	-	-	-	-
645620	Waterway Facilities Structures	6,811,100	3,169,800	3,169,800	2,692,886	1,216,800	16,203,800	-
645630	Army Corps of Engineers Services	-	-	-	-	-	1,750,000	-
645690	Capital Projects, N.O.C.	-	1,620,000	1,620,000	1	-	400,000	-
645720	Preservation of Waterway Facility Structures	136,440	1,459,000	1,459,000	-	709,000	1,180,500	-
500	TOTAL CAPITAL PROJECTS	6,947,540	6,248,800	6,248,800	2,692,887	1,925,800	19,534,300	-
656010	Land	-	410,000	410,000	-	-	400,000	-
600	TOTAL LAND	-	410,000	410,000	-	-	400,000	-
667020	Equity Transfer	3,272,650	5,769,300	5,769,300	3,269,250	3,269,300	-	-
667340	Payments for Easements	1,710	400,000	400,000	12,822	52,900	400,000	-
700	TOTAL FIXED AND OTHER CHARGES	3,274,360	6,169,300	6,169,300	3,282,072	3,322,200	400,000	-
TOTAL STORMWATER MANAGEMENT		\$ 29,651,015	\$ 45,800,100	\$ 45,800,100	\$ 28,641,351	\$ 26,263,500	\$ 65,880,200	\$ -

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

Fund: Stormwater Management Dept: Division:		POSITION ANALYSIS				
		2016	2017		2018	
					PROPOSED BY THE EXECUTIVE DIRECTOR	
PAY PLAN & GRADE	CLASS TITLE	ACTUAL FTEs	BUDGETED FTEs	APPROPRIATION IN DOLLARS	BUDGETED FTEs	APPROPRIATION IN DOLLARS
50000	Engineering Department					
	516 Local Sewer Systems Section					
HP18	Principal Civil Engineer	1	1		1	
HP17	Senior Civil Engineer	2	2		2	
HP15	Associate Civil Engineer	3	3		3	
HP14	Assistant Civil Engineer	2	2		2	
HP12	Engineering Technician IV	2	1		1	
TOTAL	Local Sewer Systems Section	10	9	935,692.36	9	915,563.74
	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	4	3		3	
HP11	Administrative Specialist	1	1		1	
TOTAL	Stormwater Management Section	22	21	2,293,585.58	21	2,352,766.96
TOTAL	Engineering Department	32	30	3,229,277.94	30	3,268,330.70
60000	Maintenance & Operations Department					
	630 General Division					
	634 Channel Maintenance Unit					
HP18	Principal Engineer	-	-		1	
HP17	Senior Civil Engineer	1	1		-	
HP15	Associate Civil Engineer	1	1		1	
TOTAL	Channel Maintenance Unit	2	2	228,316.27	2	241,071.48
	636 Boat Operations Unit					
HP14	Engineering Technician V	1	1		1	
HP14	Engineering Technician V #4	1	1		1	
HP12	Engineering Technician IV	1	1		1	

Fund: Stormwater Management Dept: Division:		POSITION ANALYSIS				
		2016	2017		2018	
					PROPOSED BY THE EXECUTIVE DIRECTOR	
PAY PLAN & GRADE	CLASS TITLE	ACTUAL FTEs	BUDGETED FTEs	APPROPRIATION IN DOLLARS	BUDGETED FTEs	APPROPRIATION IN DOLLARS
HP12	Engineering Technician IV #4	1	1		1	
NR8650	Maintenance Laborer Class A Shift	2	2		2	
TOTAL	Boat Operations Unit	6	6	549,363.49	6	549,363.36
639	Channel Maintenance Unit					
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	Channel Maintenance Unit	4	4	379,574.74	4	379,574.79
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	Collection System Unit	6	6	488,342.40	6	488,342.40
TOTAL	General Division	18	18	1,645,596.90	18	1,658,352.03
940	Stickney Service Area General Plant Services Section					
924	Stickney Maintenance Unit					
PR7773	Pipefitter	1	1		1	
TOTAL	Stickney Maintenance Unit	1	1	98,800.00	1	98,800.00
934	Stickney Mechanical Operations Unit					
NR8650	Maintenance Laborer Class A Shift	4	4		4	
NR8650	Maintenance Laborer Class A Shift #1	-	2		-	
NR6831	Operating Engineer I	4	4		4	
TOTAL	Stickney Mechanical Operations Unit	8	10	884,624.00	8	722,425.60
TOTAL	Stickney Service Area General Plant Services Section	9	11	983,424.00	9	821,225.60
TOTAL	Maintenance & Operations Department	27	29	2,629,020.90	27	2,479,577.63
TOTAL	Stormwater Management	59	59	5,858,298.84	57	5,747,908.33

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.

NOTE PAGE

SECTION VII

OTHER FUNDS

Other funds included in the annual District Budget are: the Reserve Claim Fund, Bond Redemption & Interest Fund, Retirement Fund, Corporate Working Cash Fund, Construction Working Cash Fund, and Stormwater Working Cash Fund.

The Reserve Claim Fund is used to accumulate resources for the payment of claims and judgments against the District, as well as for emergency repair or replacement of District facilities. A narrative description of the purpose and operation of this fund is contained in this section along with an appropriation schedule. A tax levy ordinance for this fund is presented in Section VIII of this Budget.

The Bond Redemption & Interest Fund is used to accumulate the proceeds from property taxes and investment income, which are set aside to pay the principal and interest on the outstanding bond issues of the District. These funds are segregated and accounted for by each bond issue. A narrative description of this fund and an appropriation schedule, detailing payment of principal and interest during 2018, are included in this section. A tax levy ordinance for the principal and interest due in 2019 and 2020 from the Bond Redemption & Interest Fund is included in Section VIII of this Budget. Statements of Outstanding Bonds and Estimated Statutory Debt Margin, with a graphic illustration of past, current, and estimated future debt service, are included in the Budgetary and Financial Summaries section, pages 50-52.

The Retirement Fund is the pension plan for District employees, accounted for in a trust fund the Illinois Compiled Statutes established as a legal entity separate and distinct from the District. This section contains an appropriation of taxes the District received on behalf of the Retirement Fund. A tax levy ordinance for this fund is presented in Section VIII of this Budget.

The District utilizes Corporate, Construction, and Stormwater Working Cash Funds, as authorized by Illinois Compiled Statutes, to make temporary loans to the Corporate, Construction, and Stormwater Funds. Loans are repaid to the Working Cash Funds from the tax levies of the funds. The use of Working Cash Funds eliminates the need to issue short-term financing. There will be no tax levies for the Corporate, Construction, or Stormwater Working Cash Funds in 2018.

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RESERVE CLAIM FUND

Description of Fund, Purpose, and Operation

The Reserve Claim Fund is the District’s self-insurance fund. It is maintained at an appropriation level adequate to meet potential liabilities. The fund is capable of providing coverage for those risks that can be expected to be encountered and is able to pay such claims without exposing the agency to financial risk that could curtail normal operations of protecting the public health, safety, and welfare.

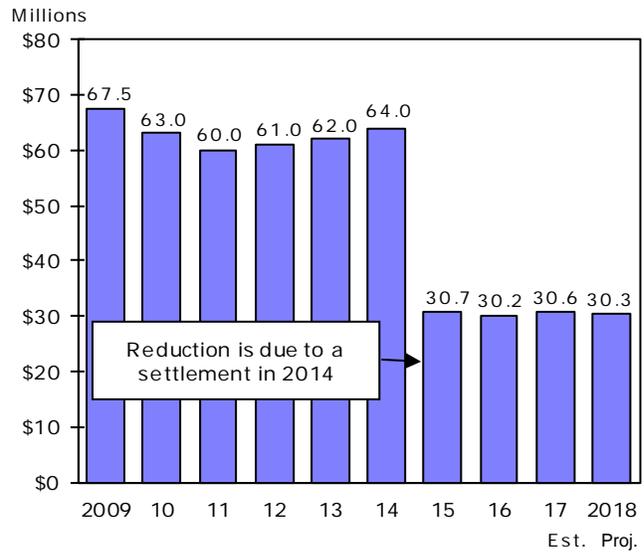
A property tax levy limited by law at 0.5 cents per \$100 of equalized assessed valuation (EAV) provides funds for this purpose. The accumulation of funds, per Illinois State Statute, is not to exceed .05 percent of the EAV, or approximately \$70.4 million. Resources are accumulated in this fund to the extent that revenue from the annual tax levy, personal property replacement tax, and investment income on the fund balance is reduced by the payment of claims.

The policy, set by the Board of Commissioners, is to accumulate a reserve fund balance towards the statutory limit and to levy at the statutory tax rate limit. This policy is similar in function to insurance company reserves. The estimated 2017 year-end fund balance is \$22.1 million and the projection for 2018 is \$24.3 million.

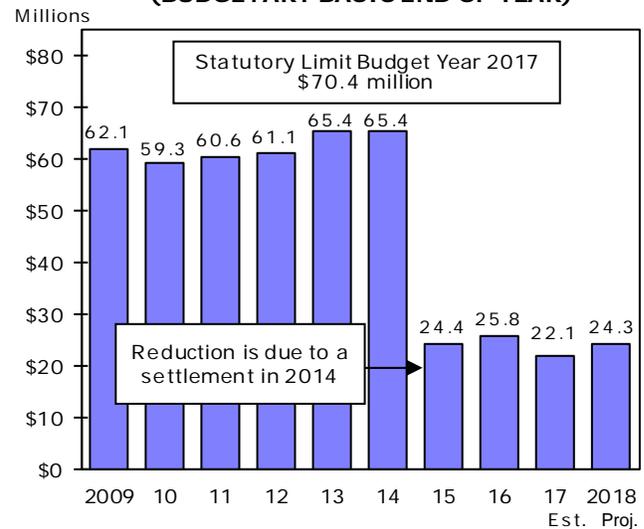
The appropriation for the Reserve Claim Fund is not designed to be spent during any one budget year. The available fund balance plus new revenue to be received must be appropriated each year to authorize the District to fund emergencies and to settle large claims or lawsuits. Designation is also provided for accounts payable and other contingent liabilities. For 2018, accounts payable and other liabilities are estimated at \$0.2 million. The designation for liabilities is reviewed and adjusted on an annual basis.

The fund is appropriated in two line items, Account 601090 (Employee Claims) and Account 667220 (General Claims and Emergency Repair and Replacement Costs). Account 601090 is for the payment of workers' compensation and other District employee claims, while Account 667220 is used to pay general claims or judgments against the District, as well as emergency repairs or replacements of District facilities. District staff makes considerable efforts to control claim expenditures by implementing aggressive safety training programs and returning employees to work as soon as possible.

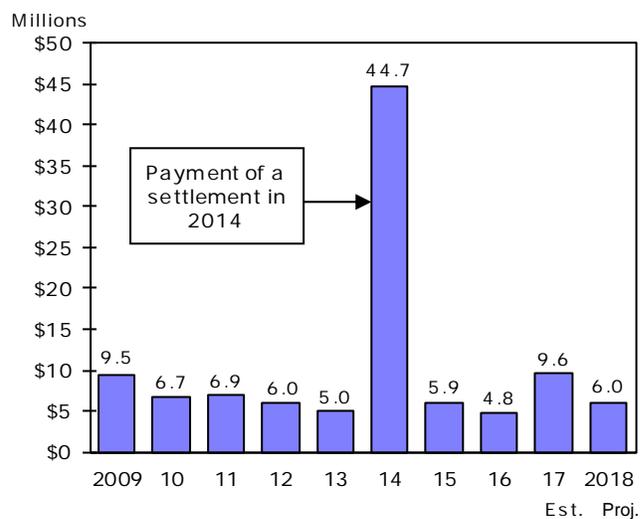
RESERVE CLAIM FUND APPROPRIATIONS



RESERVE CLAIM FUND BALANCE (BUDGETARY BASIS END OF YEAR)



RESERVE CLAIM FUND EXPENDITURES



901	Fund: Reserve Claim Department: Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601090	Employee Claims	\$ 4,674,115	\$ 8,000,000	\$ 8,000,000	\$ 3,036,913	\$ 4,000,000	\$ 10,000,000	\$ -
100	TOTAL PERSONAL SERVICES	4,674,115	8,000,000	8,000,000	3,036,913	4,000,000	10,000,000	-
667220	General Claims and Emergency Repair and Replacement Costs	112,255	22,617,100	22,617,100	1,176,463	5,626,300	20,289,500	-
700	TOTAL FIXED AND OTHER CHARGES	112,255	22,617,100	22,617,100	1,176,463	5,626,300	20,289,500	-
TOTAL RESERVE CLAIM FUND		\$ 4,786,370	\$ 30,617,100	\$ 30,617,100	\$ 4,213,377	\$ 9,626,300	\$ 30,289,500	\$ -

NOTE: Amounts may not add up due to rounding.

BOND REDEMPTION & INTEREST FUND

Description of Fund, Purpose, and Operation

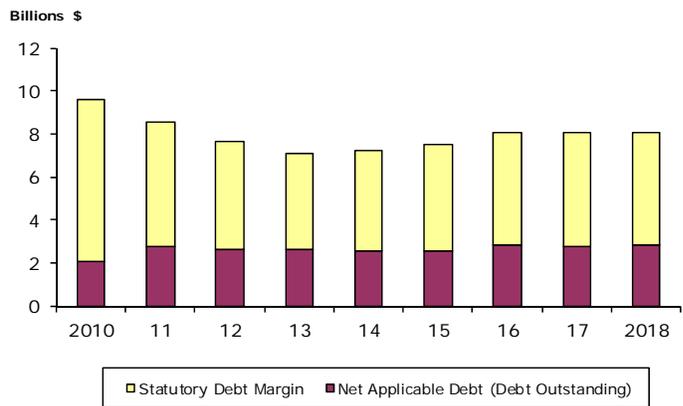
The District's Bond Redemption & Interest Fund is a debt service fund established to account for annual property tax levies and certain other revenues, principally interest on investments, which are used for the payment of interest and redemption of general obligation bond issues. Sub-funds are established for each debt issue.

Debt Limits, Margins, and Borrowing Authority

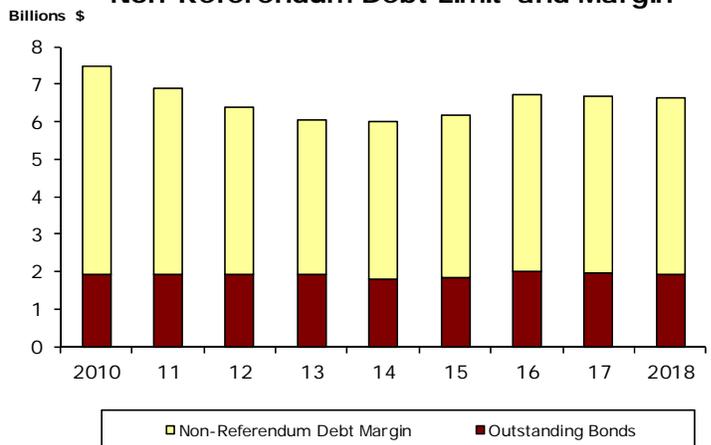
Applicable Illinois State Statutes establish the following limitations relative to the District:

- General Obligation Notes may be issued at an amount not to exceed 85 percent of the current General Corporate Fund tax levy.
- The District may fund up to 100 percent of the aggregate total of the estimated amount of taxes levied or to be levied for corporate purposes plus the General Corporate Fund portion of the personal property replacement tax allocation certified for distribution during the budget year, through borrowing from the Corporate Working Cash Fund and the issuance of tax anticipation notes or warrants.
- The District's debt may not exceed 5.75 percent of the last published equalized assessed valuation (EAV) of taxable real property (\$140.8 billion for 2016) within the District boundary. On December 31, 2017, the District's statutory debt limit is estimated at \$8.1 billion, with a net applicable debt of \$2.8 billion and an estimated statutory debt margin of \$5.3 billion.
- The amount of non-referendum Capital Improvements Bonds which may be outstanding may not exceed 3.35 percent of the last-known EAV of taxable real property within the District boundary. On December 31, 2017, it is estimated that the District's outstanding capital improvement and refunding bonds will total \$1.9 billion with a non-referendum statutory debt limit of \$4.7 billion and a non-referendum bonded debt margin of \$2.8 billion.
- The Illinois Compiled Statutes provide authorization for the funding of the District's Capital Improvement Program by the issuance of non-referendum Capital Improvements Bonds through the year 2024, as extended, effective January 1, 2011. Bonds may be issued during any one budget year in an amount not to exceed \$150 million plus the amounts of any bonds authorized and unissued during the three preceding budget years. This amount was increased from \$100 million during 2003 as the result of Public Act 93-279. The extension of non-referendum bonding authority is a significant change that accommodates funding of the capital program as planned. Build America Bonds were issued in the amount of \$600 million in August 2009, and were exempted from the non-referendum authority by statute.
- This non-referendum authority had been significantly impacted by enactment of the Tax Cap laws, Public Acts 89-1 and 89-385. Public Act 89-1 restricted the District's non-referendum authority to only apply to projects initiated prior to October 1, 1991. There was a specific exception, essentially to exclude debt for the Tunnel and Reservoir Plan project, to the more restrictive provisions of the Act which require referendum approval of all new debt. A subsequent law, Public Act 89-385, provides additional non-referendum authority to the District by authorizing the issuance of limited bonds that allow the District to issue non-referendum debt for projects initiated after October 1, 1991. Limited bonds can be issued to the extent that the total debt service requirements of any new debt, when combined with existing debt service, does not exceed the debt service extension base established by the Act. The debt service extension limitation for the District, related to the 2017 tax year, is \$162.7 million.

Net Debt and Statutory Debt Margin



Non-Referendum Debt Limit and Margin



BOND REDEMPTION & INTEREST FUND

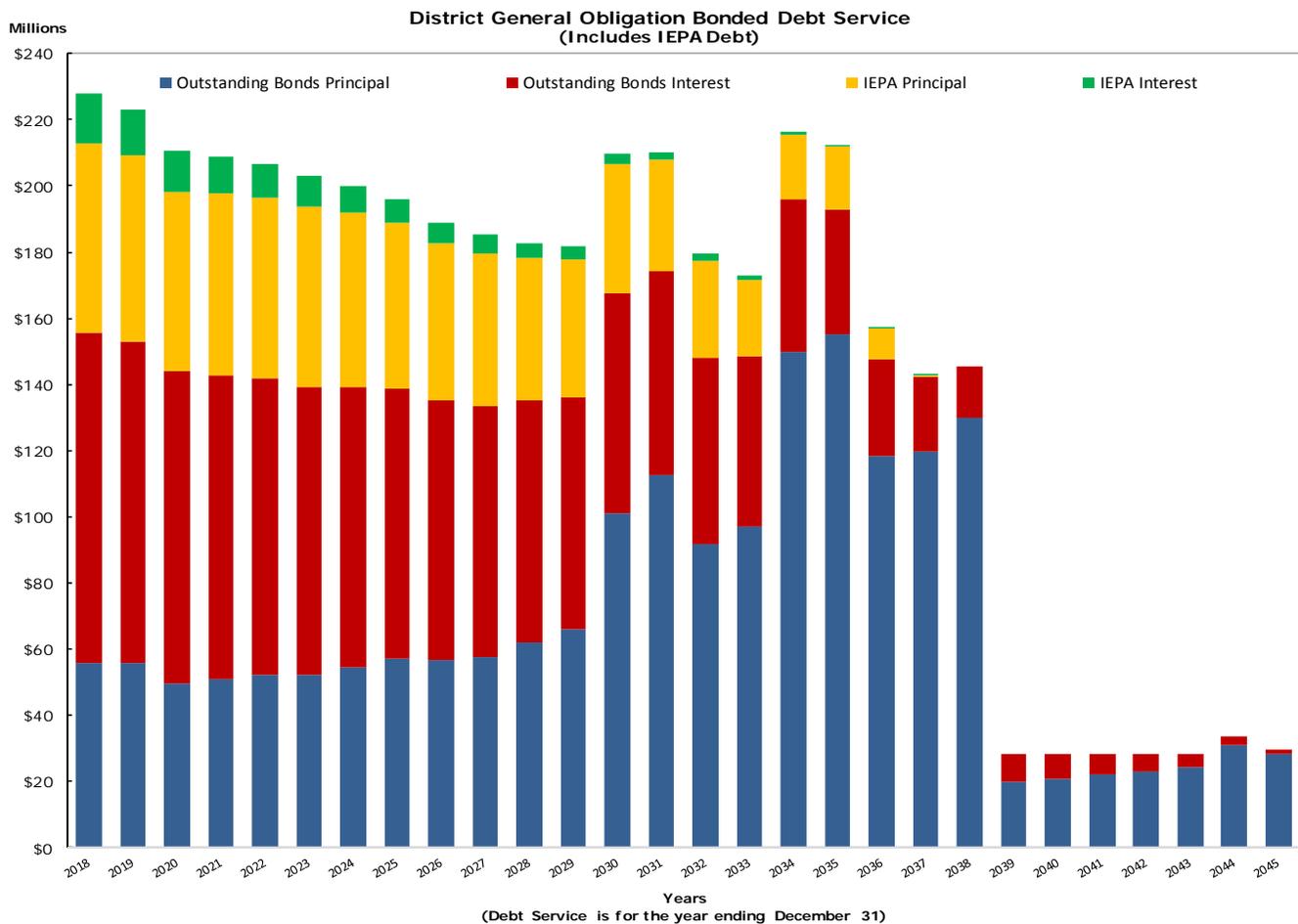
Description of Fund, Purpose, and Operation (continued)

- Additional legislation was passed in 1997 to expand the “limited bond” authority for the District. Public Act 90-485 excludes debt associated with the Tunnel and Reservoir Plan program from the limitations imposed by prior Tax Cap legislation. Public Act 96-0501 allows for an annual increase in this debt service extension limitation base by the lesser of five percent or the percentage increase in the Consumer Price Index beginning with the 2009 levy.
- The amount of non-referendum Corporate Working Cash Bonds which, when added to a) proceeds from the sale of working cash bonds previously issued, b) any amounts collected from the Corporate Working Cash Fund levy, and c) amounts transferred from the Construction Working Cash Funds, may not exceed 90 percent of the amount produced by multiplying the maximum general corporate tax rate (41 cents per \$100 of EAV) permitted by the last known EAV of all property within the District boundary (\$140.8 billion for 2016) at the time the bonds are issued, plus 90 percent of the last-known entitlement of the Personal Property Replacement Tax.

Current and Future Bond Debt Service

The exhibit below reflects the current debt service obligation of the District. Bond sale proceeds provide partial financing for the ongoing new construction and rehabilitation program of the District. As current State Revolving Fund loans are converted to bonds, additional annual debt service will be added. These amounts will be in the range of \$6 to \$10 million per year.

The debt for future bond sales is not included in this exhibit. Future bond sales are based on estimated cash flow requirements of the Capital Improvements Bond Fund new construction and rehabilitation program. The estimates for total debt service assuming future bond sales are included in the Five-Year Financial Forecast in Section II, Budget and Financial Summaries, Schedules, and Exhibits, of this budget document.



BOND REDEMPTION & INTEREST FUND**Appropriation for Payment of Outstanding Bonds During the Year 2018**

BOND ISSUE	RATES OF INTEREST	JANUARY 1, 2018		JULY 1, 2018		TOTAL PAYABLE
		INTEREST PAYABLE	PRINCIPAL PAYABLE	INTEREST PAYABLE	PRINCIPAL PAYABLE	
Capital Improvements Bonds - Series:						
June 2016 QECB	5.0	80,000 (1)	-	80,000 (2)	- (2)	160,000
August 2009 Limited Tax Series	5.72	17,160,000 (1)	-	17,160,000 (2)	- (2)	34,320,000
July 2011 Limited Tax Series B	5.0	6,551,047 (1)	-	6,551,047 (2)	26,855,000 (2)	39,957,094
July 2011 Unlimited Tax Series C	3.0 to 5.0	1,101,266 (1)	-	1,101,266 (2)	1,640,000 (2)	3,842,532
2014 Limited Tax Series C	2.0 to 5.0	1,563,375 (1)	-	1,563,375 (2)	- (2)	3,126,750
2014 Unlimited Tax Series A	5.0	2,500,000 (1)	-	2,500,000 (2)	- (2)	5,000,000
2014 Alt Rev Tax Unltd Series B	2.0 to 5.0	1,157,775 (1)	-	1,157,775 (2)	955,000 (2)	3,270,550
2016 Alt Rev Tax Unltd Series E	5.0	1,250,000 (1)	-	1,250,000 (2)	- (2)	2,500,000
June 2016 Unlimited Tax Series C	5.0	750,000 (1)	-	750,000 (2)	(2)	1,500,000
June 2016 Limited Tax Series D	5.0	500,000 (1)	-	500,000 (2)	(2)	1,000,000
State Revolving Fund Bonds - Series:						
14B SRF L 175171	2.210	29,404	58,606	28,756	59,254	176,020
14C SRF L 174559	2.295	225,708	429,716	220,777	434,647	1,310,848
14H SRF L 175355	1.860	10,832	25,692	10,593	25,931	73,048
09D SRF L 174558	2.30	401,394	4,745,003	390,942	921,321	6,458,660
12A SRF L 174710	2.295	75,034	164,115	73,151	165,998	478,298
12B SRF L 174712	2.295	64,261	140,551	62,648	142,164	409,624
12C SRF L 174621	1.995	124,679	280,964	121,876	283,766	811,285
12D SRF L 174988	1.930	302,488	6,632,366	295,420	739,433	7,969,707
12E SRF L 174709	1.930	50,257	125,791	49,043	127,005	352,096
12F SRF L 174989	1.930	563,508	10,364,334	550,342	1,377,500	12,855,684
12H SRF L 174924	1.930	268,641	5,550,417	262,364	656,694	6,738,116
12L SRF L 175161	2.210	323,966	625,044	317,059	631,951	1,898,020
12J SRF L 175172	1.995	24,639	59,315	24,047	59,907	167,908
12K SRF L 174925	1.995	122,877	286,095	120,023	288,949	817,944
09A SRF L 173074	1.25	228,360	2,442,228	221,416	1,118,039	4,010,043
09B SRF L 173064	0.00	-	191,445	-	191,445	382,890
09C SRF L 173063	0.00	-	55,979	-	55,979	111,958
09I SRF L 174675	1.25	48,864	266,718	47,197	268,385	631,164
07A SRF L 172625	2.50	369,809	1,015,420	357,116	1,028,113	2,770,458
07B SRF L 172850	2.50	255,353	669,785	246,980	678,157	1,850,275
07C SRF L 172770	0.00	-	1,666,667	-	1,666,667	3,333,334
09G SRF L 173075	1.25	151,144	2,414,452	146,710	713,823	3,426,129
09H SRF L 173800	0.00	-	18,397	-	18,397	36,794
09E SRF L 173005	1.25	181,915	957,583	175,930	963,568	2,278,996
07D SRF L 172763	2.50	84,350	231,607	81,455	234,502	631,914
09F SRF L 174557	1.25	310,325	3,259,854	300,876	1,521,270	5,392,325
04G SRF L 172611	2.50	28,275	106,211	26,947	107,538	268,971
04H SRF L 172849	2.50	439,573	1,329,149	422,958	1,345,764	3,537,444
01A SRF L 172126	2.57	290,335	1,608,001	269,672	1,628,664	3,796,672
97DD SRF L 171152	2.905	82,554	436,971	76,207	443,318	1,039,050
01B SRF L 172127	2.50	327,701	1,599,874	307,703	1,619,872	3,855,150
01C SRF L 172128	2.50	323,093	1,374,052	305,917	1,391,228	3,394,290
04A SRF L 172485	2.50	173,674	615,781	165,976	623,478	1,578,909
04B SRF L 172488	2.50	202,884	719,352	193,893	728,344	1,844,473
04C SRF L 172493	2.50	18,150	68,176	17,297	69,028	172,651
04D SRF L 172494	2.50	17,405	65,379	16,588	66,197	165,569
04E SRF L 172495	2.50	59,390	199,252	56,899	201,742	517,283

(1) Interest Payable June 1, 2018.

(2) Interest and Principal Payable December 1, 2018.

BOND REDEMPTION & INTEREST FUND**Appropriation for Payment of Outstanding Bonds During the Year 2018 (continued)**

BOND ISSUE	RATES OF INTEREST	JANUARY 1, 2018		JULY 1, 2018		TOTAL PAYABLE
		INTEREST PAYABLE	PRINCIPAL PAYABLE	INTEREST PAYABLE	PRINCIPAL PAYABLE	
State Revolving Fund Bonds - Series:						
04F SRF L 172496	0.00	-	99,368	-	99,368	198,736
12O SRF L 175166	1.995	43,942	102,311	42,922	103,331	292,506
12I SRF L 175222	2.210	50,300	97,047	49,228	98,119	294,694
12M SRF L175168	2.210	110,869	200,831	108,650	203,050	623,400
12N SRF L 175164	1.995	26,033	58,665	25,448	59,250	169,396
14J SRF L 175219	2.210	31,285	62,356	30,596	63,045	187,282
97BB SRF L 171151	2.535	23,846	303,764	19,996	307,614	655,220
14A SRF L 173076	2.210	862,703	1,664,458	844,311	1,682,851	5,054,323
97CC SRF L 172031	2.535	127,623	1,063,228	114,146	1,076,704	2,381,701
94V SRF L 171150	2.50	26,468	1,052,136	13,316	1,065,288	2,157,208
97AA SRF L 170822	2.506	79,292	1,552,599	59,837	1,572,053	3,263,781
Refunding Bonds - Series:						
2014 Limited Tax Series D	2.0 to 5.0	1,477,750 (1)	-	1,477,750 (2)	5,985,000 (2)	8,940,500
March 2007 Unlimited Tax Series A	4.0 to 5.0	2,783,500 (1)	-	2,783,500 (2)	20,015,000 (2)	25,582,000
March 2007 Unlimited Tax Series B	4.0 to 5.0	2,410,932 (1)	-	2,410,932 (2)	- (2)	4,821,864
March 2007 Limited Tax Series C	4.0 to 5.0	2,673,825 (1)	-	2,673,825 (2)	- (2)	5,347,650
June 2016 Unlimited Tax Series A	5.0	7,023,250 (1)	-	7,023,250 (2)	- (2)	14,046,500
June 2016 Limited Tax Series B	5.0	1,033,250 (1)	-	1,033,250 (2)	- (2)	2,066,500
TOTAL		57,579,173	57,057,104	57,289,198	84,378,711	256,304,186

(1) Interest Payable June 1, 2018.

(2) Interest and Principal Payable December 1, 2018.

RETIREMENT FUND

Description of Fund, Purpose, and Operation

The Metropolitan Water Reclamation District Retirement Fund (Fund) is a defined benefit public employee retirement system that provides retirement, death, and disability benefits to the employees of the Metropolitan Water Reclamation District of Greater Chicago according to Chapter 40, Act 5, Articles 1, 13, and 20 of the Illinois Compiled Statutes. The primary goal of the Fund is to provide continuity of benefits to the members while preserving the fiscal integrity and financial stability of the Fund.

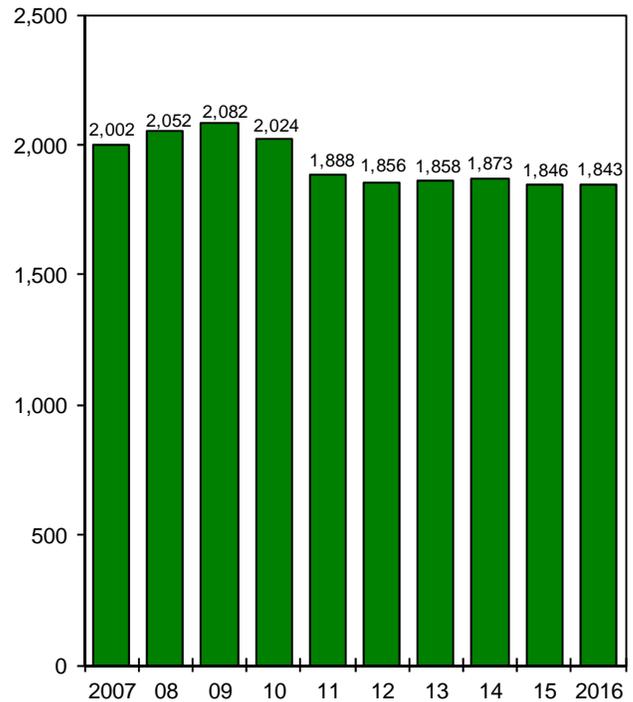
On August 3, 2012, the Governor signed Public Act 97-0894, which increased the nine percent required employee contributions one percent per year for three years beginning in 2013 to the current contribution of 12 percent for employees who first became a member of the Fund or certain reciprocal systems before January 1, 2011 (Tier I). The employee contribution rate will be reduced to nine percent when the funded ratio reaches 90 percent. The tax levy is based on the Fund’s actuarially determined contribution requirement but shall not exceed an amount equal to employee contributions two years prior multiplied by 4.19.

As of December 31, 2016, there were 1,843 active (contributing) participants in the Fund and 2,417 beneficiaries. Annuitants accounted for 2,394 of these beneficiaries, including 1,779 retired employees, 590 surviving spouses, and 25 children. Additionally, the Fund paid disability benefits to 23 District employees.

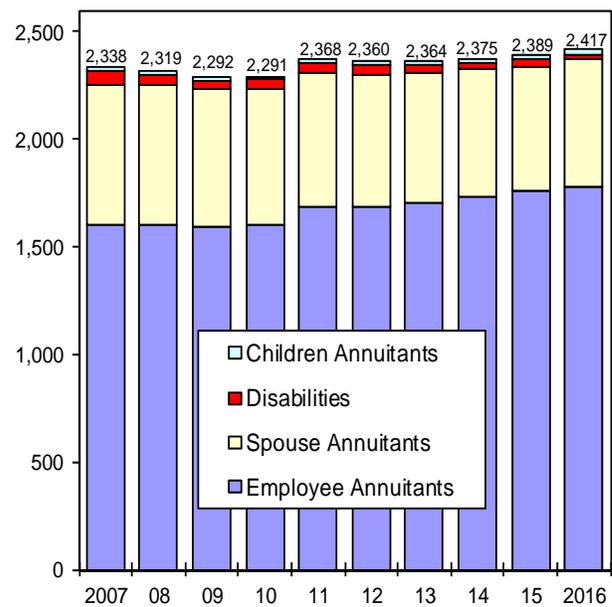
Gross income for the Fund is composed of the following items:

- **Employee contributions** – beginning in 2015, employees hired prior to January 1, 2011 (Tier I) contribute 12 percent of salary to the Fund. Employees hired on or after January 1, 2011 (Tier II) contribute nine percent of salary to the Fund since they are entitled to reduced benefits under the new provisions which include a higher retirement age and a longer final average salary period.
- **Employer contributions** - include real estate property tax levies and the Personal Property Replacement Tax. In 2018, the District shall annually levy a tax which will produce a sum that will be sufficient to meet the Fund’s actuarially determined contribution requirement but shall not exceed an amount equal to the employee contributions two years prior multiplied by 4.19. The tax levy calculation is defined under the Illinois Compiled Statutes and is only changed upon recommendation by the Trustees of the Fund based on Fund requirements and approval by the Illinois State Legislature.
- **Investment income** - includes dividends and interest, as well as realized and unrealized appreciation (depreciation) in the fair value of the investments.

Active Participants



Beneficiaries



Gross income for 2016 was \$219.4 million, which is a combination of employee and employer contributions of \$101.1 million, investment income of \$117.8 million, securities lending income of \$433,700, and other income of \$107,200; reflecting an income of \$122.8 million greater than in 2015. Total investment income in 2016 was higher than the prior year primarily due to greater returns in the U.S. and non-U.S. equity markets as well as fixed income markets during 2016.

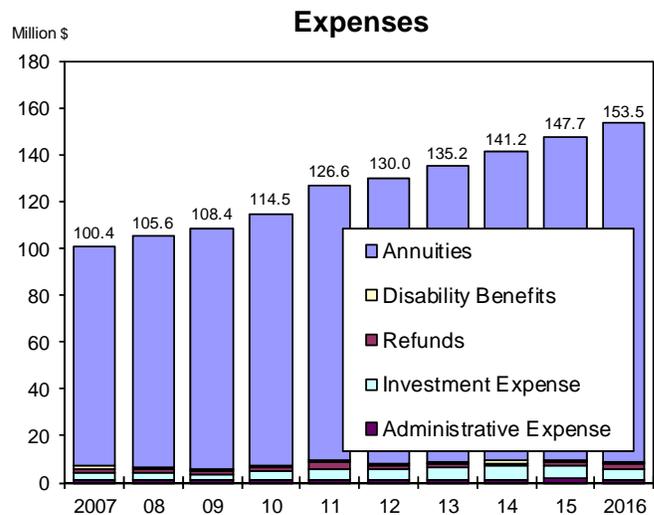
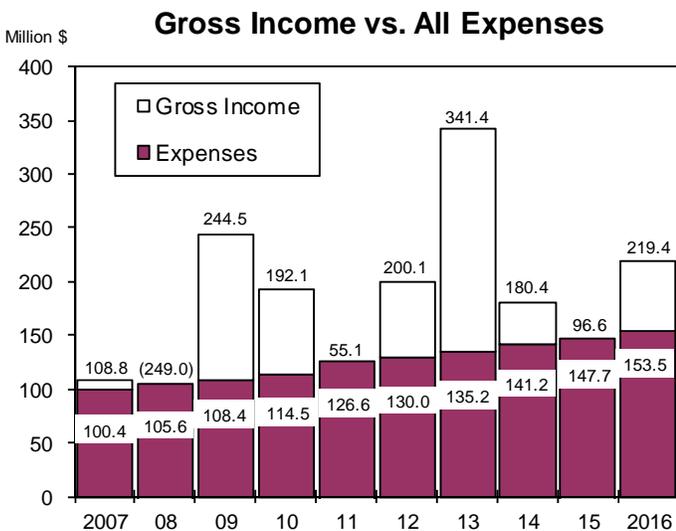
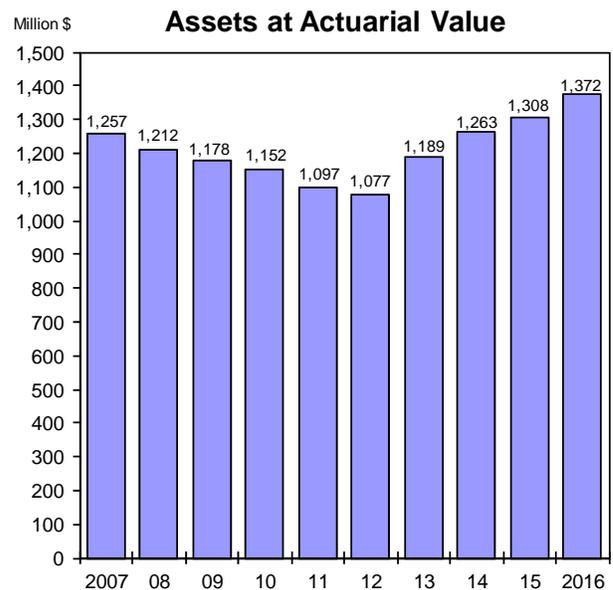
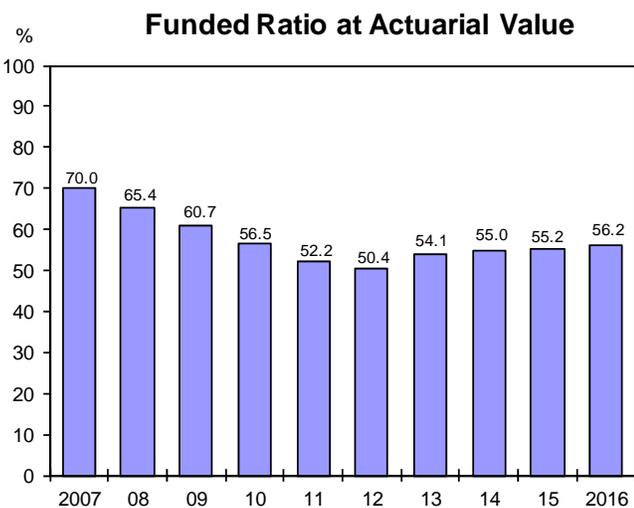
RETIREMENT FUND

Description of Fund, Purpose, and Operation (continued)

Expenses for 2016 include annuity and disability benefit payments of \$145.3 million, investment management expenses of \$4.6 million, administrative expenses of \$1.5 million, and refunds of \$2.0 million for a total of \$153.5 million.

As of December 31, 2016, the funded ratio of the Fund was 56.2 percent. Beginning in 1997, Fund assets and this ratio are reported at the new Actuarial Asset Value required by the Governmental Accounting Standards Board. The funded ratio has been in the range of 50.4 percent to 70.0 percent during the last ten years. The District’s Board of Commissioners adopted a Funding Policy recommended by the Retirement Fund Board of Trustees to ensure the long-term financial health of the pension program while balancing the interests of the employees, retirees, taxpayers, and the District. The funding policy establishes maximum contribution amounts equal to the maximum contribution allowed by Statute and minimum contribution levels that are intended to exceed the minimum contribution required by Statute. The funding goal of the policy is to contribute annually to the Fund an amount that will increase the funded ratio to 100 percent by the year 2050. The Policy was adopted by the Board of Commissioners on October 2, 2014.

For the 2018 Budget, the gross property tax levy totals \$71.5 million, a decrease of \$1.9 million, or 2.6 percent, below the 2017 adjusted levy. The 2018 Personal Property Replacement Tax allocation to the Retirement Fund is \$18.3 million. The 2018 appropriation is \$89.6 million, an increase of \$10.1 million, or 12.7 percent, above the 2017 Adjusted Budget.



APPROPRIATION ORDINANCE NUMBER O17-002**THE METROPOLITAN WATER RECLAMATION DISTRICT RETIREMENT FUND**

And an amount of Estimated Expenditures for the Purpose of the Metropolitan Water Reclamation District Retirement Fund of \$89,604,000.

Section 9. That the appropriation herein of the amounts for the payment of “unpaid bills” or “contractual liabilities,” or to defray the expense of any project or purpose, shall not be construed as an approval or an admission of liability by the Board of Commissioners of any said bills or contractual liabilities, or of any project or purpose mentioned herein but shall be regarded only as the provision of a fund or funds, for the payment thereof when

said bills or contractual liabilities have been found to be valid and legal obligations against the Metropolitan Water Reclamation District of Greater Chicago and when properly vouchered and audited by the Department of Finance, or when any project or purpose is approved and authorized by the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago, as the case may be.

Section 10. This ordinance shall take effect January 1, 2018.

Approved as to Form and Legality:

Head Assistant Attorney

General Counsel

Approved:

*President,
Board of Commissioners of the
Metropolitan Water Reclamation District
of Greater Chicago*

NOTE PAGE

SECTION VIII

TAX LEVY ORDINANCES

The Tax Levy Ordinances are the means by which tax levies, enacted by the Board of Commissioners under authority of the Illinois Compiled Statutes, are given legal effect.

Each tax levy states the revenue which is to be raised, through the collection of property taxes, to finance the operations of a specific fund. The gross tax levy, which allows for loss in collection, is presented with the amount of estimated loss, where applicable. A factor of 3.5 percent for loss in collection is used for 2018 levies.

This section includes 2018 Tax Levy Ordinances for the Retirement Fund, Corporate Fund, Construction Fund, Reserve Claim Fund, and Stormwater Management Fund. A Tax Levy Ordinance, to pay the interest on outstanding bonds and to discharge the principal thereof, along with a detailed schedule of the 2018 Tax Levy for Payment of Outstanding Bonds, can also be found in this section.

Retirement Fund and Corporate Fund	555
Construction Fund	556
Bond Redemption & Interest Fund:	
Tax Levy Ordinance for Outstanding Bonds	557
Tax Levy for Payment of Outstanding Bonds, 2018.....	559
Reserve Claim Fund	561
Stormwater Management Fund	562

ORDINANCE NUMBER O17-003

**FOR THE LEVY OF TAXES FOR THE FISCAL YEAR
BEGINNING JANUARY 1, 2018 AND ENDING DECEMBER 31, 2018
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, 2018
FOR THE PURPOSE OF PROVIDING REVENUES FOR
THE METROPOLITAN WATER RECLAMATION DISTRICT
RETIREMENT FUND AND CORPORATE FUND**

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

Section 1. That there be and is hereby levied upon all taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago, as said territorial limits exist on January 1, 2018, for the fiscal year ending December 31, 2018, the amounts of money hereinafter stated as follows:

For the amount certified to the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago by the Retirement Board of the Metropolitan Water Reclamation District Retirement Fund for the purpose of providing the revenue for the Retirement Fund of the Metropolitan Water Reclamation District pursuant to Article 13 of the Illinois Pension Code, the sum of \$71,534,197 which includes the sum of \$2,503,697 as a reserve for loss in collection of taxes, distributed as

Contributions for Service Retirement Allowances and Spouses’ Allowances	\$13,134,611
Contributions for Ordinary Disability Benefits	461,243
Contributions for Duty Disability Benefits	214,301
Contributions for Expense of Administration	1,357,824
Contributions for Children’s Annuities	125,803
Contributions for Current and Past Service Requirements.....	<u>56,240,415</u>
	<u>\$71,534,197</u>

For Corporate Purposes of the said Metropolitan Water Reclamation District of Greater Chicago “the sum of \$247,965,800 which includes the sum of \$8,678,803 as a reserve for loss in the collection of taxes.”

Section 2. That the Clerk of the Metropolitan Water Reclamation District of Greater Chicago be, and is hereby directed to certify to the County Clerk of Cook County, the several amounts above set forth to be raised by taxation in the year 2018 and to file a certified copy of the Ordinance with the said County Clerk of Cook County and said County Clerk of Cook County aforesaid, is hereby directed to cause the aforesaid amounts of money to be extended upon and against the taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago, as said territorial limits exist on January 1, 2018, all in accordance with the laws and statutes of the State of Illinois in such case made and provided, and the Clerk of the Metropolitan Water Reclamation District of Greater Chicago is hereby directed to cause this Ordinance to be published at least once in a newspaper published within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago and to incur the necessary expenses therefor.

Section 3. This Ordinance shall take effect January 1, 2018.

Approved as to Form and Legality:

Approved:

Head Assistant Attorney

*President,
Board of Commissioners of the
Metropolitan Water Reclamation District
of Greater Chicago*

General Counsel

ORDINANCE NUMBER O17-004

**FOR THE LEVY OF TAXES FOR THE FISCAL YEAR
BEGINNING JANUARY 1, 2018 AND ENDING DECEMBER 31, 2018
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, 2018
FOR THE PURPOSE OF PROVIDING REVENUES
FOR THE CONSTRUCTION FUND**

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

Section 1. That there be and is hereby levied upon all taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago, as said territorial limits exist on January 1, 2018 for the fiscal year ending December 31, 2018, to provide revenue for the replacement, remodeling, completion, alteration, construction, and enlargement, including alterations, enlargements and replacements which will add appreciably to the value, utility, or the useful life of sewage treatment works or flood control facilities, and additions therefor, pumping stations, tunnels, conduits and intercepting sewers connecting therewith, and outlet sewers together with the equipment and appurtenances necessary thereto, and for the acquisition of the sites and rights of way necessary thereto, and for engineering expenses for designing and supervising the construction of the works above described, "the sum of \$4,200,000 which includes the sum of \$147,000 as a reserve for loss in collection of taxes."

Section 2. That the Clerk of the Metropolitan Water Reclamation District of Greater Chicago be, and is hereby directed to certify to the County Clerk of Cook County, the amount above set forth to be raised by taxation in the year 2018 and to file a certified copy of the Ordinance with the

said County Clerk of Cook County, and said County Clerk of Cook County aforesaid, is hereby directed to cause the aforesaid amount of money to be extended upon and against the taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago, as said territorial limits exist on January 1, 2018, all in accordance with the laws and statutes of the State of Illinois in such case made and provided, and subject to reduction as provided in the text below, and the Clerk of the Metropolitan Water Reclamation District of Greater Chicago is hereby directed to cause this Ordinance to be published at least once in a newspaper published within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago and to incur the necessary expenses therefor.

Section 3. That said County Clerk of Cook County, as tax extension officer for said District, is hereby directed to *reduce this levy of taxes* by the District for the year 2018 by the amount necessary to enable said District's aggregate tax levies to comply with the Property Tax Extension Limitation Law; that is, the entire reduction in the aggregate of all tax levies for said District for the year 2018 required by said Law shall be taken against the Construction Fund levy as set forth in this Ordinance.

Section 4. This Ordinance shall take effect January 1, 2018.

Approved as to Form and Legality:

Head Assistant Attorney

General Counsel

Approved:

*President,
Board of Commissioners of the
Metropolitan Water Reclamation District
of Greater Chicago*

ORDINANCE NUMBER O17-005

**FOR THE LEVY OF TAXES FOR THE FISCAL YEAR
BEGINNING JANUARY 1, 2018 AND ENDING DECEMBER 31, 2018
TO PAY THE INTEREST ON OUTSTANDING BONDS AND TO
DISCHARGE THE PRINCIPAL THEREOF**

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

Section 1. For the purpose of creating a sinking fund to pay the principal and interest on outstanding bonds, there is hereby levied upon all taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater

Chicago, as said territorial limits exist on January 1, 2018, and all taxable property in townships or parts of townships disconnected from the Metropolitan Water Reclamation District of Greater Chicago prior to January 1, 2018, but after the issuance of any bonds, the amounts of money hereinafter stated:

Capital Improvement Bonds – Series:

August 2009 Limited Tax	08-26-09	35,564,767
July 2011 Limited Tax Series B	07-27-11	28,911,239
July 2011 Unlimited Tax Series C	07-27-11	4,184,800
Dec. 2014 Unlimited Tax Series A	01-06-15	6,763,472
Dec. 2014 Alt Rev Unltd Tax Series B	01-06-15	5,181,348
Dec. 2014 Limited Tax Series C	01-06-15	3,390,570
June 2016 Unlimited Tax Series C	07-07-16	2,590,674
June 2016 Limited Tax Series D	07-07-16	1,554,405
June 2016 Alt Rev Unltd Tax Series E	07-07-16	1,036,270
June 2016 Limited Tax QECB Series F	07-07-16	165,804

State Revolving Funds Bonds – Series:

14M SRF L175372	77,720
14N SRF L175371	82,902
16A SRF L174555	8,077,720
14P SRF L175369	217,617
14B SRF L175171	182,403
14C SRF L174559	2,033,580
14D SRF L175263	689,120
14E SRF L173062	2,424,871
14F SRF L175342	4,145,078
14G SRF L175152	1,134,716
14H SRF L175355	75,696
14K SRF L175366	290,156
14L SRF L175368	290,156
09D SRF L174558	2,719,713
12A SRF L174710	495,643
12B SRF L174712	424,480
12C SRF L174621	840,709
12D SRF L174988	2,144,773
12E SRF L174709	364,865
12F SRF L174989	3,995,526
12G SRF L174923	1,772,021
12H SRF L174924	1,904,782
12L SRF L175161	1,966,859
12J SRF L175172	173,996
12K SRF L174925	1,080,409
09A SRF L173074	2,776,070
09B SRF L173064	396,778
09C SRF L173063	116,018
09I SRF L174675	654,054
07A SRF L172625	2,870,940
07B SRF L172850	917,383
07C SRF L172770	1,381,693
09G SRF L173075	1,783,487
09H SRF L173800	38,127
09E SRF L173005	2,361,654
07D SRF L172763	654,830

ORDINANCE NUMBER O17-005

**FOR THE LEVY OF TAXES FOR THE FISCAL YEAR
BEGINNING JANUARY 1, 2018 AND ENDING DECEMBER 31, 2018
TO PAY THE INTEREST ON OUTSTANDING BONDS AND TO
DISCHARGE THE PRINCIPAL THEREOF (CONTINUED)**

State Revolving Funds Bonds – Series:

09F SRF L174557.....	3,776,466
04G SRF L172611.....	278,725
04H SRF L172849.....	3,665,744
01A SRF L172126.....	1,934,375
97DD SRF L171152.....	1,076,734
01B SRF L172127.....	3,994,973
01C SRF L172128.....	1,517,397
04A SRF L172485.....	1,636,174
04B SRF L172488.....	1,911,370
04C SRF L172493.....	178,912
04D SRF L172494.....	171,572
04E SRF L172495.....	536,043
04F SRF L172496.....	205,943
12O SRF L175166.....	303,113
12I SRF L175222.....	305,381
12M SRF L175168.....	709,845
12N SRF L175164.....	175,537
14I SRF L175223.....	673,576
14J SRF 175219.....	194,074
97BB SRF L171151.....	678,984
14A SRF L173076.....	5,237,641
97CC SRF L172031.....	2,468,083
97AA SRF L170822.....	1,691,078

Refunding Bonds – Series:

March 2007 Unlimited Tax Series A.....	03-21-07.....	26,623,057
March 2007 Unlimited Tax Series B.....	03-21-07.....	4,996,749
March 2007 Limited Tax Series C.....	03-21-07.....	5,541,607
2014 Limited Tax Series D.....	01-06-15.....	15,130,830
June 2016 Unlimited Tax Series A.....	07-07-16.....	14,555,959
June 2016 Limited Tax Series B.....	07-07-16.....	<u>2,141,451</u>
		<u>\$243,211,287</u>

Section 2. That the Clerk of the Metropolitan Water Reclamation District of Greater Chicago be, and is hereby directed to certify to the County Clerk of Cook County, the several amounts above set forth to be raised by taxation in the year 2018 for the purpose of providing the funds to pay the interest on bonds and discharge the principal thereof, and to file a certified copy of this Ordinance with said County Clerk of Cook County, and said County Clerk of Cook County is hereby directed to cause aforesaid amounts of money to be extended upon and against taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago as said territorial limits exist on January 1, 2018, and the County Clerk of Cook County is further directed to extend upon all taxable property in all townships or parts of townships

disconnected from the Metropolitan Water Reclamation District of Greater Chicago prior to January 1, 2018 those amounts aforesaid necessary to pay the principal and interest for any bonds issued prior to the date of disconnection, all in accordance with the laws and statutes of the State of Illinois in such case made and provided, and the Clerk of the Metropolitan Water Reclamation District of Greater Chicago is hereby directed to cause this Ordinance to be published at least once in a newspaper published within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago and to incur the necessary expenses therefor.

Section 3. This Ordinance shall take effect January 1, 2018.

Approved as to Form and Legality:

Approved:

Head Assistant Attorney

President,
Board of Commissioners of the
Metropolitan Water Reclamation District
of Greater Chicago

General Counsel

BOND REDEMPTION AND INTEREST FUND

2018 Tax Levy for Payment of Outstanding Bonds

BOND ISSUE	ISSUE DATED	INTEREST PAYMENT DATES	INTEREST	PRINCIPAL	RESERVE FOR UNCOLLECTED TAX (A)	GROSS LEVY
Capital Improvement Bonds - Series:						
June 2016 QECB	07-07-16	6/1/18- 12/1/18	\$ 160,000	\$ -	\$ 5,804	\$ 165,804
August 2009 Limited Tax Series	08-26-09	6/1/18- 12/1/18	34,320,000	-	1,244,767	35,564,767
July 2011 Limited Tax Series B	07-27-11	6/1/18- 12/1/18	11,759,346	16,140,000	1,011,893	28,911,239
July 2011 Unlim Tax Series C	07-27-11	6/1/18- 12/1/18	2,153,332	1,885,000	146,468	4,184,800
2014 Limited Tax Series C	01-06-15	6/1/18- 12/1/18	3,126,750	3,400,000	236,722	6,763,472
2014 Unlim Tax Series A	01-06-15	6/1/18- 12/1/18	5,000,001	-	181,347	5,181,348
2014 Alt Rev Unlim Tax Series B	01-06-15	6/1/18- 12/1/18	2,286,900	985,000	118,670	3,390,570
2016 Alt Rev Tax Unltd Series E	07-07-16	6/1/18- 12/1/18	2,500,000	-	90,674	2,590,674
June 2016 Unlimited Tax Series C	07-07-06	6/1/18- 12/1/18	1,500,001	-	54,404	1,554,405
June 2016 Limited Tax Series D	07-07-16	6/1/18- 12/1/18	1,000,001	-	36,269	1,036,270
State Revolving Funds Bonds - Series:						
14M SRF L175372	07-01-18	7/1/18- 1/1/19	75,000	-	2,720	77,720
14N SRF L175371	07-01-18	7/1/18- 1/1/19	80,000	-	2,902	82,902
16A SRF L174555	07-01-18	7/1/18- 1/1/19	7,795,000	-	282,720	8,077,720
14P SRF L175369	07-01-18	7/1/18- 1/1/19	210,000	-	7,617	217,617
14B SRF L175171	07-01-16	7/1/18- 1/1/19	54,209	121,810	6,384	182,403
14C SRF L174559	07-01-16	7/1/18- 1/1/19	1,067,944	894,461	71,175	2,033,580
14D SRF L175263	07-01-18	7/1/18- 1/1/19	665,000	-	24,120	689,120
14E SRF L173062	07-01-18	7/1/18- 1/1/19	2,340,000	-	84,871	2,424,871
14F SRF L175342	07-01-19	7/1/18- 1/1/19	4,000,000	-	145,078	4,145,078
14G SRF L175152	07-01-18	7/1/18- 1/1/19	1,095,000	-	39,716	1,134,716
14H SRF L175355	07-01-17	7/1/18- 1/1/19	19,970	53,077	2,649	75,696
14K SRF L175366	07-01-18	7/1/18- 1/1/19	280,000	-	10,156	290,156
14L SRF L175368	07-01-18	7/1/18- 1/1/19	280,000	-	10,156	290,156
09D SRF L174558	07-01-13	7/1/18- 1/1/19	728,535	1,895,988	95,190	2,719,713
12A SRF L174710	07-01-14	7/1/18- 1/1/19	136,689	341,607	17,347	495,643
12B SRF L174712	07-01-14	7/1/18- 1/1/19	117,063	292,560	14,857	424,480
12C SRF L174621	07-01-16	7/1/18- 1/1/19	229,486	581,798	29,425	840,709
12D SRF L174988	07-01-15	7/1/18- 1/1/19	554,886	1,514,820	75,067	2,144,773
12E SRF L174709	07-01-15	7/1/18- 1/1/19	91,910	260,185	12,770	364,865
12F SRF L174989	07-01-15	7/1/18- 1/1/19	1,033,704	2,821,978	139,844	3,995,526
12G SRF L174923	07-01-18	7/1/18- 1/1/19	1,710,000	-	62,021	1,772,021
12H SRF L174924	07-01-15	7/1/18- 1/1/19	492,797	1,345,318	66,667	1,904,782
12L SRF L175161	07-01-16	7/1/18- 1/1/19	598,893	1,299,126	68,840	1,966,859
12J SRF L175172	07-01-15	7/1/18- 1/1/19	45,081	122,825	6,090	173,996
12K SRF L174925	07-01-15	7/1/18- 1/1/19	450,170	592,424	37,815	1,080,409
09A SRF L173074	07-01-12	7/1/18- 1/1/19	407,717	2,271,190	97,163	2,776,070
09B SRF L173064	06-21-11	7/1/18- 1/1/19	-	382,890	13,888	396,778
09C SRF L173063	01-15-11	7/1/18- 1/1/19	-	111,957	4,061	116,018
09I SRF L174675	06-21-11	7/1/18- 1/1/19	85,964	545,198	22,892	654,054
07A SRF L172625	06-16-10	7/1/18- 1/1/19	649,330	2,121,127	100,483	2,870,940
07B SRF L172850	07-01-10	7/1/18- 1/1/19	201,150	684,124	32,109	917,383
07C SRF L172770	01-01-11	7/1/18- 1/1/19	-	1,333,333	48,360	1,381,693
09G SRF L173075	07-01-13	7/1/18- 1/1/19	271,000	1,450,064	62,423	1,783,487
09H SRF L173800	04-23-11	7/1/18- 1/1/19	-	36,793	1,334	38,127
09E SRF L173005	08-06-11	7/1/18- 1/1/19	321,598	1,957,398	82,658	2,361,654
07D SRF L172763	06-09-10	7/1/18- 1/1/19	148,105	483,806	22,919	654,830
09F SRF L174557	07-01-16	7/1/18- 1/1/19	553,974	3,090,316	132,176	3,776,466
04G SRF L172611	01-31-07	7/1/18- 1/1/19	47,105	221,865	9,755	278,725
04H SRF L172849	07-01-09	7/1/18- 1/1/19	760,962	2,776,481	128,301	3,665,744
01A SRF L172126	07-01-04	7/1/18- 1/1/19	211,623	1,655,048	67,704	1,934,375

BOND REDEMPTION AND INTEREST FUND
2018 Tax Levy for Payment of Outstanding Bonds (continued)

BOND ISSUE	ISSUE DATED	INTEREST PAYMENT DATES	INTEREST	PRINCIPAL	RESERVE FOR UNCOLLECTED TAX (A)	GROSS LEVY
State Revolving Funds Bonds - Series:						
97DD SRF L171152	07-01-04	7/1/18- 1/1/19	119,841	919,208	37,685	1,076,734
01B SRF L172127	07-01-05	7/1/18- 1/1/19	513,147	3,342,001	139,825	3,994,973
01C SRF L172128	06-16-06	7/1/18- 1/1/19	229,009	1,235,279	53,109	1,517,397
04A SRF L172485	05-15-08	7/1/18- 1/1/19	292,594	1,286,314	57,266	1,636,174
04B SRF L172488	05-28-08	7/1/18- 1/1/19	341,806	1,502,666	66,898	1,911,370
04C SRF L172493	03-27-07	7/1/18- 1/1/19	30,236	142,414	6,262	178,912
04D SRF L172494	01-31-07	7/1/18- 1/1/19	28,996	136,571	6,005	171,572
04E SRF L172495	05-30-08	7/1/18- 1/1/19	101,062	416,219	18,762	536,043
04F SRF L172496	04-23-11	7/1/18- 1/1/19	-	198,735	7,208	205,943
12O SRF L175166	07-01-15	7/1/18- 1/1/19	80,647	211,857	10,609	303,113
12I SRF L175222	07-01-16	7/1/18- 1/1/19	92,986	201,707	10,688	305,381
12M SRF L175168	07-01-18	7/1/18- 1/1/19	685,000	-	24,845	709,845
12N SRF L175164	07-01-16	7/1/18- 1/1/19	47,916	121,477	6,144	175,537
14I SRF L175223	07-01-18	7/1/18- 1/1/19	650,000	-	23,576	673,576
14J SRF 175219	07-01-16	7/1/18- 1/1/19	57,677	129,604	6,793	194,074
97BB SRF L171151	07-01-04	7/1/18- 1/1/19	20,298	634,921	23,765	678,984
14A SRF L173076	07-01-16	7/1/18- 1/1/19	1,594,821	3,459,502	183,318	5,237,641
97CC SRF L172031	07-01-04	7/1/18- 1/1/19	159,362	2,222,338	86,383	2,468,083
97AA SRF L170822	01-01-01	7/1/18- 1/1/19	20,195	1,611,695	59,188	1,691,078
Refunding Bonds - Series:						
March 2007 Unlimited Tax Series	03-21-07	6/1/18- 12/1/18	4,566,250	21,125,000	931,807	26,623,057
March 2007 Unlimited Tax Series	03-21-07	6/1/18- 12/1/18	4,821,863	-	174,886	4,996,749
March 2007 Limited Tax Series C	03-21-07	6/1/18- 12/1/18	5,347,650	-	193,957	5,541,607
2014 Limited Tax Series D	01-06-15	6/1/18- 12/1/18	2,656,251	11,945,000	529,579	15,130,830
June 2016 Unlimited Tax Series A	07-07-16	6/1/18- 12/1/18	14,046,500	-	509,459	14,555,959
June 2016 Limited Tax Series B	07-07-16	6/1/18- 12/1/18	2,066,500	-	74,951	2,141,451
TOTAL			\$ 132,686,803	\$ 104,512,075	\$ 8,512,409	\$ 243,211,287

(A) Reserve at 3.5%

ORDINANCE NUMBER O17-006

**FOR THE LEVY OF TAXES FOR THE FISCAL YEAR
BEGINNING JANUARY 1, 2018 AND ENDING DECEMBER 31, 2018
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, 2018
FOR THE PURPOSE OF PROVIDING REVENUES
FOR THE RESERVE CLAIM FUND**

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

Section 1. That there is hereby levied the sum of \$6,000,000 upon all taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago as said territorial limits exist on January 1, 2018, for the fiscal year ending December 31, 2018, for the purpose of providing revenues for establishing and maintaining a reserve fund for the payment of claims, awards, losses, judgments, liabilities, settlements, or demands, and associated attorney’s fees and costs that might be imposed on or incurred by such Metropolitan Water Reclamation District in matters including, but not limited to, the Worker’s Compensation Act or the Workmen’s Occupational Diseases Act, any claim in tort, any claim of deprivation of any constitutional or statutory right or protection, for all expenses, fees, and costs, both direct and in support of the repair or replacement of any property owned by such sanitary district which is damaged by fire, flood, explosion, vandalism or any other peril, natural or manmade.

Section 2. That the Clerk of the Metropolitan Water Reclamation District of Greater Chicago be, and is hereby directed to certify to the County Clerk of Cook County, the amount above set forth to be raised by taxation in the year 2018 and to file a certified copy of the Ordinance with the said County Clerk of Cook County and said County Clerk of Cook County aforesaid, is hereby directed to cause the aforesaid amount of money to be extended upon and against the taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago, as said territorial limits exist on January 1, 2018, all in accordance with the laws and statutes of the State of Illinois in such case made and provided, and the Clerk of the Metropolitan Water Reclamation District of Greater Chicago is hereby directed to cause this Ordinance to be published at least once in a newspaper published within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago and to incur the necessary expenses therefor.

Section 3. This Ordinance shall take effect January 1, 2018.

Approved as to Form and Legality:

Approved:

Head Assistant Attorney

*President,
Board of Commissioners of the
Metropolitan Water Reclamation District
of Greater Chicago*

General Counsel

ORDINANCE NUMBER O17-007

**FOR THE LEVY OF TAXES FOR THE FISCAL YEAR
BEGINNING JANUARY 1, 2018 AND ENDING DECEMBER 31, 2018
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, 2018
FOR THE PURPOSE OF PROVIDING REVENUES
FOR THE STORMWATER MANAGEMENT FUND**

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

Section 1. That there be and is hereby levied upon all taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago, as said territorial limits exist on January 1, 2018, for the fiscal year ending December 31, 2018, to provide revenue for the development, design, planning and construction, operation, and maintenance of regional and local stormwater facilities provided for in the countywide stormwater management plan and the acquisition of real property in furtherance of its regional and local stormwater management activities, and for payment of principal and interest on bonds issued for stormwater projects as authorized under the District’s Act, “the sum of \$47,826,000 which includes the sum of \$1,673,910 as a reserve for loss in collection of taxes”.

Section 2. That the Clerk of the Metropolitan Water Reclamation District of Greater Chicago be, and is hereby directed to certify to the County Clerk of Cook County, the amount above set forth to be raised by taxation in the year 2018, and to file a certified copy of the Ordinance with the said County Clerk of Cook County, and said County Clerk of Cook County aforesaid, is hereby directed to cause the aforesaid amount of money to be extended upon and against the taxable property within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago, as said territorial limits exist on January 1, 2018, all in accordance with the laws and statutes of the State of Illinois in such case made and provided, and the Clerk of the Metropolitan Water Reclamation District of Greater Chicago is hereby directed to cause this Ordinance to be published at least once in a newspaper published within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago and to incur the necessary expenses therefor.

Section 3. This Ordinance shall take effect January 1, 2018.

Approved as to Form and Legality:

Approved:

Head Assistant Attorney

*President,
Board of Commissioners of the
Metropolitan Water Reclamation District
of Greater Chicago*

General Counsel

SECTION IX

APPENDIX

This section explains the structure of the District's compensation plan and financial and technical terminology contained in the District's Budget. It also details the various awards the District has received for its accomplishments over the last 44 years.

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COMPENSATION PLAN NARRATIVE

In accordance with Illinois State Statute, Chapter 70, Section 2605/4.2, a Department of Human Resources for the District was created, the executive officer of which is the Director of Human Resources. The Director shall, with the consent and approval of the Civil Service Board of the District, classify all non-exempt and non-represented positions in the District for the purpose of establishing pay grades.

For the purpose of establishing uniformity of pay and title for positions, the Director prescribes the minimum and maximum pay for each grade and title.

While maintaining internal balance as established by the relative evaluation of classes, the compensation for non-represented and non-exempt positions shall be at least equal to the median compensation provided by other employers for similar work in the Metropolitan Chicago labor market or other appropriate labor market. Compensation for non-represented positions is defined in the Salary Schedule for Technical, Administrative, and Managerial (HP) Employees.

Salary advancement within salary ranges for non-represented positions and certain exempt positions is provided to recognize growth in the job, and the rate of advance shall be based primarily upon the quality of performance. Salary advancement stages are defined as "steps" within the salary schedules for each grade of position.

Employees in positions covered by collective bargaining agreements shall be compensated on the basis of negotiations between unions representing such employees and the management of the District. The rates paid to all such employees shall be adjusted in accordance with changes caused by the duly prescribed negotiations, provided that any change in rates may be made applicable at the beginning of the next budget year following the date of change in the rate, in the event necessary funds are not available. Compensation for these positions is defined in the Salary Schedule for Labor Trades (LT) Employees.

Compensation for exempt positions is established by the Board of Commissioners, with the exception of their own compensation, which is established by Illinois Compiled Statutes. Compensation for exempt positions is defined in the Salary Schedule for Exempt (EX) Employees.

SALARY SCHEDULES (bi-weekly rates)

Exempt (EX)

EX01	\$2,884.62	EX09	\$576.92	EX17	\$8,955.37
EX02	\$2,692.31	EX10	\$8,955.37	EX18	\$5,037.42
EX03	\$6,792.28	EX11	\$10,074.79	EX19	\$8,955.37
EX04	\$2,478.05 to \$3,857.14	EX12	\$10,074.79	EX20	None
EX05	\$8,955.37	EX13	\$8,955.37	EX21	\$2,884.62
EX06	\$2,478.05 to \$3,857.14	EX14	\$10,074.79	EX22	\$3,076.92
EX07	\$11,194.26	EX15	\$10,074.79	EX23	\$3,651.91
EX08	\$8,955.37	EX16	\$673.08	EX24	\$3,651.91

Technical, Administrative, and Managerial (HP)

HP07	\$1,287.51 to \$1,875.17	HP14	\$2,664.47 to \$4,130.62	HP21	\$5,360.70 to \$8,043.46
HP08	\$1,401.26 to \$2,064.46	HP15	\$2,924.43 to \$4,455.01	HP22	\$5,917.36 to \$8,788.12
HP09	\$1,537.71 to \$2,291.74	HP16	\$3,245.51 to \$4,855.68	HP23	\$6,579.54 to \$9,571.04
HP10	\$1,719.71 to \$2,594.73	HP17	\$3,622.69 to \$5,326.34	TM01	\$1,040.00
HP11	\$1,932.09 to \$2,948.20	HP18	\$4,066.18 to \$5,879.66	TM02	\$1,400.00
HP12	\$2,189.90 to \$3,377.44	HP19	\$4,616.65 to \$6,566.53		
HP13	\$2,478.05 to \$3,857.14	HP20	\$4,888.94 to \$7,412.39		

Labor Trades (LT)

NR1541	\$3,078.60	NR6275	\$4,608.00	PR5153	\$3,708.00	PR5975	\$3,946.40	PR7579	\$4,084.80
NR1835	\$2,763.20	NR6441	\$3,325.60	PR5155	\$3,868.00	PR5989	\$4,066.40	PR7743	\$4,040.00
NR1853	\$3,119.20	NR6810	\$3,260.80	PR5159	\$3,908.00	PR6453	\$4,008.00	PR7773	\$3,800.00
NR1857	\$3,325.60	NR6831	\$3,827.20	PR5353	\$3,630.40	PR6459	\$4,328.00	PR7775	\$4,040.00
NR2483	\$3,119.20	NR6832	\$3,965.60	PR5553	\$3,644.00	PR6473	\$2,900.00	PR7779	\$4,200.00
NR3641	\$2,235.20	NR7393	\$4,182.40	PR5555	\$3,872.00	PR6479	\$3,160.00	PR1025	\$2,092.80 to \$3,424.00
NR3642	\$2,445.60	NR7394	\$4,975.20	PR5753	\$3,940.00	PR7343	\$3,792.00	TR3509	\$1,998.35
NR5369	\$3,135.20	NR7399	\$3,389.60	PR5755	\$4,176.00	PR7347	\$4,272.00		
NR6210	\$3,431.20	NR8331	\$3,325.60	PR5759	\$4,256.00	PR7349	\$4,032.00		
NR6232	\$3,603.20	NR8650	\$3,119.20	PR5933	\$3,740.00	PR7423	\$4,040.00		
NR6233	\$3,783.20	NR8651	\$2,969.60	PR5935	\$4,020.00	PR7424	\$4,440.00		
NR6251	\$4,389.60	NR8652	\$2,070.40	PR5953	\$3,480.00	PR7425	\$4,760.00		
NR6271	\$4,419.20	NR8660	\$1,827.00	PR5955	\$3,793.60	PR7573	\$3,804.80		
NR6272	\$4,182.40	NR8661	\$2,720.90	PR5973	\$3,786.40	PR7575	\$4,004.80		

The Position Analysis for each Department shows the Pay Plan and Grade for each budgeted position. The Salary Schedules above display the salary ranges associated with each Pay Plan and Grade. For example, in Section 681 of the General Division of the Maintenance & Operations Department, the Principal Mechanical Engineer position is associated with the HP (Technical, Administrative, and Managerial) Pay Plan at Grade 18. By looking up HP18 in the second table above, the salary range for this or any other title at that Pay Plan and Grade is \$4,066.18 to \$5,879.66 bi-weekly. By multiplying those rates by 26, it can be determined that the annual salary range for such positions is \$105,720.68 to \$152,871.16. For the HP and some EX Pay Plans, the actual salary earned in a position is dependent on the "step" of the incumbent occupying the position. Where applicable, there are nine steps in each Pay Plan and Grade. Which step an incumbent is at is determined by a combination of the incumbent's longevity in the title and at the District. Incumbents with the greatest longevity factors will be at the highest steps, assuming satisfactory job performance.

DEVELOP EMPLOYEES

The District invests in employee growth through providing a tuition reimbursement program which helps employees develop skills and competencies that increases their promotional opportunities and trains future leaders. The support of their education also assists the District in maintaining a leadership role in wastewater through retaining best in class employees. The following is a list of 2016 and 2017 graduates that utilized the tuition reimbursement program.

EMPLOYEE NAME	COLLEGE/UNIVERSITY	MONTH/YEAR OF GRADUATION	FIELD OF STUDY
Janulis, Jerald	Elmhurst College	May 2017	Master of Arts in Industrial/Organizational Psychology
Kirk, Justin	Northwestern University	Dec 2016	Master of Science in Project Management
Knight, Terrence	DeVry University	Dec 2016	Bachelor of Science in Computer Information Systems
Maiellaro, Terence	University of Illinois	May 2016	Master of Business Administration
Mingmongkol, Chanawee	Boston University	May 2016	Master of Science
Podgorny, Robert	Illinois Institute of Technology	Dec 2016	Bachelor of Science in Civil Engineering
Pollard, Ouidie	Governors State University	May 2016	Master of Public Administration - Political and Justice Studies
Torres, Samantha	John Marshall Law School	Jun 2017	Juris Doctorate
Vega, Joel	Illinois Institute of Technology	May 2017	Master of Engineering in Environmental Engineering

USER CHARGE RATES

Year	Large Commercial/Industrial Users				O, M&R Factor	Tax-Exempt Users			Revenues in \$ millions
	Flow per million gallons	BOD ₅ per 1,000 pounds	SS per 1,000 pounds			Flow per million gallons	BOD ₅ per 1,000 pounds	SS per 1,000 pounds	
2018	\$ 264.28	\$ 223.03	\$ 136.48	30.1%	\$ 264.28	\$ 223.03	\$ 136.48	\$ 46.0	
2017	259.61	229.13	142.47	33.9%	259.61	229.13	142.47	47.0	
2016	255.02	234.95	148.33	34.4%	255.02	234.95	148.33	47.5	
2015	250.51	240.49	154.08	39.1%	250.51	240.49	154.08	48.5	
2014	246.08	245.75	159.72	43.5%	246.08	245.75	159.72	45.0	
2013	241.73	250.76	165.25	42.4%	245.18	254.34	167.60	53.8	
2012	256.48	259.22	195.95	48.6%	263.48	266.27	201.24	77.6	
2011	243.99	247.48	191.18	47.3%	250.31	253.89	199.21	48.3	
2010	262.44	270.68	200.33	55.7%	269.25	277.70	205.33	48.7	
2009	229.37	231.90	174.25	50.4%	235.96	238.56	179.25	45.0	
2008	223.72	229.23	178.11	49.9%	230.29	235.98	183.35	54.4	
2007	224.87	228.39	173.01	50.4%	231.07	234.69	177.77	53.6	
2006	225.80	239.79	183.41	56.8%	235.40	249.99	191.20	53.6	
2005	210.91	226.64	174.33	56.8%	219.30	235.65	181.26	44.1	

BOD₅ Biochemical Oxygen Demand based on standard 5-day test

SS Suspended Solids

O, M&R Portion of real estate taxes credited to users for the District's Operations, Maintenance, and Replacement costs

User charges are calculated based on sewer discharge volumes and representative sampling of the discharge for concentrations of BOD₅ and suspended solids. Loadings in thousands of pounds annually are extrapolated from the volume and concentration measurements, with the rates listed above applied. Users are given a credit for real estate taxes paid to the District multiplied by the O, M&R factor. Users owing more than \$12,000 annually pay monthly estimates.

PROPERTY TAX LEVIES AND COLLECTIONS

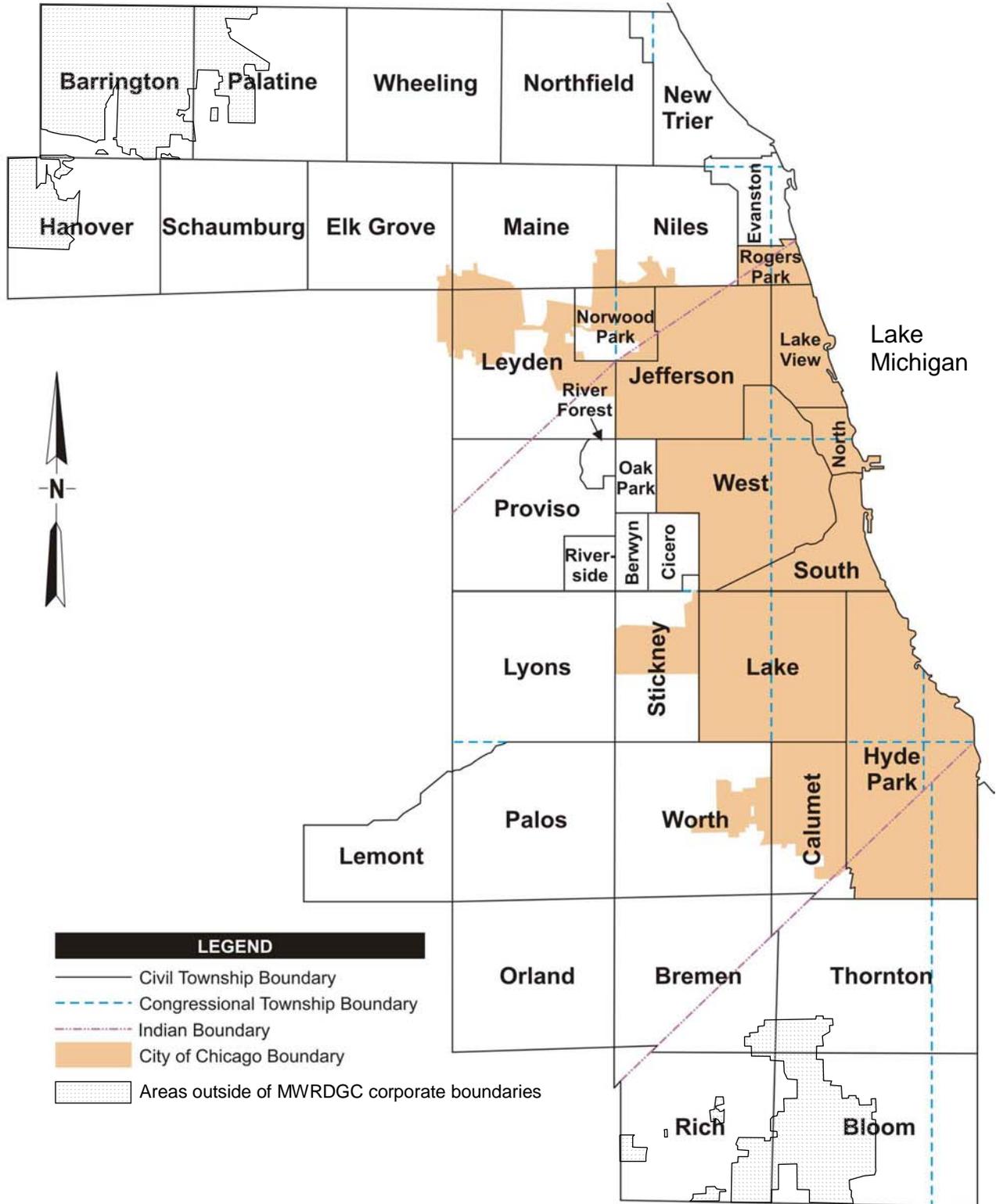
(in thousands of dollars)

Fiscal Year Ended Dec. 31	Taxes Levied for the Fiscal Year	Collected within the First Year		
		Amount	Percentage of Levy	Final Due Date
2016	\$ 571,583	-	-	08/01/17
2015	555,098	541,008	97.5	08/01/16
2014	540,250	523,203	96.8	08/01/15
2013	515,590	497,452	96.5	08/01/14
2012	493,673	476,881	96.6	08/01/13
2011	476,955	460,618	96.6	08/01/12
2010	457,356	435,009	95.1	10/01/11
2009	455,361	383,612	84.2	12/13/10
2008	428,645	400,048	93.3	12/01/09
2007	410,208	390,440	95.2	11/03/08

Note: The source for Property Tax Levies and Collection is the Comprehensive Annual Financial Report of the Metropolitan Water Reclamation District of Greater Chicago for the Year Ended December 31, 2016.

PROPERTY TAX BASE

The Metropolitan Water Reclamation District of Greater Chicago receives the majority of its income from local real estate taxes. Taxes are collected by the Cook County Treasurer based on property values established by the Cook County Assessor. North, South and City of Chicago townships are reassessed on a three-year rotation.



The underlying county township map is derived from the Illinois Secretary of State Archives: <http://www.cyberdriveillinois.com/departments/archives/IRAD/cook.html>

PROPERTY TAX BASE

MWRDGC Equalized Assessed Valuation by Township 2011 - 2016

(in \$ millions)

Township	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>Average Annual Change</u>
Suburban							
Barrington	\$ 389	\$ 353	\$ 325	\$ 328	\$ 326	\$ 319	-5.66%
Berwyn	753	688	647	596	581	600	-6.85%
Bloom	551	503	474	450	440	456	-6.53%
Bremen	1,853	1,689	1,566	1,469	1,425	1,480	-6.23%
Calumet	202	184	176	177	176	179	-4.76%
Cicero	678	625	586	555	536	554	-7.54%
Elk Grove	3,996	3,652	3,128	3,184	3,103	3,516	-3.45%
Evanston	2,727	2,515	2,202	2,245	2,196	2,670	-1.53%
Hanover	1,808	1,647	1,406	1,426	1,379	1,608	-3.20%
Lemont	841	778	733	715	711	755	-4.34%
Lyden	2,891	2,655	2,331	2,332	2,409	2,753	-2.03%
Lyons	3,961	3,680	3,465	3,469	3,373	3,523	-4.93%
Maine	4,881	4,531	3,729	3,778	3,666	4,308	-2.96%
New Trier	4,947	4,595	4,151	4,201	4,075	4,987	-1.06%
Niles	4,696	4,333	3,810	3,886	3,818	4,461	-2.20%
Northfield	5,676	5,290	4,722	4,787	4,627	5,531	-1.74%
Norwood Park	929	859	726	745	727	839	-2.94%
Oak Park	1,597	1,470	1,369	1,383	1,334	1,387	-4.52%
Orland	3,366	3,098	2,921	2,829	2,753	2,890	-4.76%
Palatine	3,240	3,001	2,597	2,628	2,557	2,977	-2.48%
Palos	1,583	1,459	1,369	1,330	1,290	1,350	-5.63%
Proviso	3,130	2,893	2,723	2,652	2,573	2,679	-5.46%
Rich	1,241	1,138	1,044	988	962	1,007	-6.47%
River Forest	573	529	493	488	470	486	-5.75%
Riverside	592	541	505	489	474	495	-5.42%
Schaumburg	4,835	4,460	3,949	3,999	3,892	4,497	-2.53%
Stickney	1,139	1,049	972	935	914	956	-5.66%
Thornton	2,064	1,867	1,718	1,662	1,651	1,699	-6.44%
Wheeling	5,289	4,875	4,185	4,253	4,152	4,894	-2.29%
Worth	3,497	3,194	3,011	2,847	2,752	2,880	-5.80%
City of Chicago							
Hyde Park	4,453	3,748	3,576	3,648	3,890	4,077	-2.63%
Jefferson	13,317	11,060	10,529	10,741	11,311	11,735	-2.99%
Lake	8,122	6,488	6,227	6,364	6,684	6,970	-3.02%
Lake View	10,389	8,886	8,416	8,654	9,521	9,782	-2.60%
North Chicago	13,717	12,745	12,079	12,509	14,197	14,839	0.06%
Rogers Park	1,750	1,391	1,299	1,318	1,376	1,433	-4.81%
South Chicago	13,717	12,616	12,050	13,277	14,559	15,297	0.64%
West Chicago	9,658	8,317	8,188	8,398	9,427	9,883	-0.60%
Total EAV	149,048	133,398	123,400	125,736	130,305	140,752	-2.53%

Shaded figures indicate assessed values following triennial reassessments.

AWARDS AND ACHIEVEMENTS RECOGNITION

Academy of Interactive and Visual Arts	2014	<i>The Interactive Multimedia Communicator Award for "National Save for Retirement Week Campaign"</i>
American Academy of Environmental Engineers	2012	<i>Excellence in Environmental Engineering Grand Prize for the University Research for Chicago Health, Environmental Exposure, and Recreation Study (CHEERS)</i>
	2010	<i>Excellence in Environmental Engineering Honor Award in Research for the Microbial Risk Assessment for Recreational Use of the Chicago Area Waterways</i>
	1995	<i>Honor Award for the Sidestream Elevated Pool Aeration Stations</i>
	1989	<i>Grand Prize Award for Planning the Sidestream Elevated Pool Aeration Stations</i>
American Council of Engineering Companies of Illinois	2017	<i>Special Achievement Water Resources Award for the Wescott Park Stormwater Storage Facility Project in the Village of Northbrook</i>
	2010	<i>Special Achievement Award for the Calumet Isolation Chamber</i>
American Infrastructure Magazine	2016	<i>PUBBY Award for Water Project of the Year: Thornton Composite Reservoir</i>
American Public Works Association	2016	<i>Project of the Year (Environment, More than \$75 Million) for the Thornton Composite Reservoir</i>
	2012	<i>Chicago City Branch: Project of the Year in the Environmental \$25 to \$75 Million Category for the design of the Calumet Central Boiler Facility</i>
		<i>Chicago Metro Chapter: Project of the Year in the Environmental \$25 to \$75 Million Category for the design of the Calumet Central Boiler Facility</i>
		<i>Chicago Metro Chapter: Public Works Project Excellence Award for the design of the Calumet Central Boiler Facility</i>
	2003	<i>Environmental Project of the Year, Over \$10 Million Category, for the Thornton Transitional Reservoir</i>
	2000	<i>Reversal of the Chicago River, one of the "Top Ten Public Works Projects of the Century"</i>
		<i>Tunnel and Reservoir Plan Phase I, one of the "Top Ten Chicago Area Public Works Projects of the 20th Century"</i>
		<i>Tunnel and Reservoir Plan Phase I, Member's Choice for "Most Significant Chicago Area Public Works Projects of the 20th Century"</i>
	1995	<i>The American Public Works Association Award for the District's Innovative Energy Audit and Control Program</i>
	1981	<i>Outstanding Public Works Project of the Year for the Tunnel and Reservoir Plan</i>
American Public Works Association, Chicago Metro Chapter	2016	<i>Project of the Year (Environment, More than \$75 Million) for the Thornton Composite Reservoir</i>
		<i>Public Works Project Excellence Award for the Thornton Composite Reservoir</i>
American Rivers, Incorporated	1994	<i>Scientific or Engineering Breakthrough Award for the Calumet River System Sidestream Elevated Pool Aeration Project</i>
American Society of Civil Engineers - Illinois Section	2016	<i>Project of the Year (Higher than \$25 Million) for Thornton Composite Reservoir</i>

AWARDS AND ACHIEVEMENTS RECOGNITION (continued)

American Society of Civil Engineers - Illinois Section (continued)	2016	<i>Outstanding Civil Engineering Achievement Award, Under \$10 Million Category, for the Busse Reservoir South Dam Modification Project</i>
		<i>Outstanding Civil Engineering Achievement Award, Over \$25 Million Category, for the Thornton Composite Reservoir</i>
	2003	<i>Outstanding Civil Engineering Achievement of the Year Award, Over \$5 Million Category, for the Thornton Transitional Reservoir</i>
	2000	<i>District's wastewater treatment system was recognized as representing one of civil engineering's "Monuments of the Millennium" of the 20th century</i>
	1998	<i>Outstanding Civil Engineering Achievement Award for the O'Hare-CUP Reservoir Project</i>
	1996	<i>Public Sector Employer Recognition Award</i>
	1994	<i>Outstanding Civil Engineering Achievement received for Sidestream Elevated Pool Aeration Project</i>
	1986	<i>Outstanding Civil Engineering Achievement received for Tunnel and Reservoir Plan</i>
		<i>Outstanding Civil Engineering Achievement of Past 100 Years in Illinois for the Tunnel and Reservoir Plan</i>
		1985
	1974	<i>Special Civil Engineering Achievement Award received for the Prairie Plan in Fulton County</i>
Black Contractors United	1994	<i>Agency of the Year for Affirmative Action Program</i>
Center for Active Design	2014	<i>Excellence Award (Honorable Mention) for the Space to Grow program, a collaboration between the District, Chicago Public School Systems, and the City of Chicago Department of Water Management. Space to Grow was the only submission from Chicago to be recognized. Fellow award recipients span the globe</i>
Chatham Business Association	2015	<i>Partner Award</i>
Chicago Federation of Labor - AFL CIO	2001	<i>Michael J. Bruton Workplace Safety Award</i>
Chicago Public Schools	2011-2010	<i>Certificate of Appreciation for providing outstanding work-based learning experiences for Chicago Public School Career and Technical Education students through participation in the Work-Based Learning Program</i>
Chicago Southland Convention and Visitor Bureau	2009	<i>Hospitality Award of Merit for outstanding work on behalf of the Calumet-Sag Trail</i>
Chicago Wilderness and United States Environmental Protection Agency	2007	<i>Conservation and Native Landscaping Award for Native Prairie Restorations at the Lemont and North Side Water Reclamation Plants</i>
City of Chicago	2000	<i>Best Practices in expanding employment opportunities for people with disabilities</i>
Conservation Foundation & DuPage River Coalition	2006-2005	<i>Clean Water Award for Hanover Park Water Reclamation Plant</i>
	2002	<i>DuPage River Clean Water Award</i>
Construction Industry Service Corporation (CISCO)	2015	<i>Public Body of the Year</i>

AWARDS AND ACHIEVEMENTS RECOGNITION (continued)

Construction Industry Service Corporation (CISCO) (continued)	2015	<i>Project of the Year - Infrastructure category for constructing the Wet Weather Treatment Facility and Reservoir at the Lemont Water Reclamation Plant</i>
Engineering News Record	1999	<i>Construction of the Chicago Sanitary and Ship Canal in 1900 and Tunnel and Reservoir Plan in 1985 named as two of the top 125 engineering projects of the past 125 years</i>
Federation of Women Contractors	2016	<i>Outstanding Advocate Award</i>
	2012	<i>Outstanding Program of the Year Award for the MWRD Affirmative Action Program</i>
	2007	<i>Advocacy Award for Affirmative Action Program</i>
Friends of the Chicago River	2017	<i>Chicago River Blue Awards, Green Ribbon Award for the Wescott Park Stormwater Storage Facility Project in the Village of Northbrook</i>
	2016	<i>Chicago River Blue Awards, Green Ribbon Award for Disinfection at the Calumet Water Reclamation Plant and O'Brien Water Reclamation Plant and Thornton Reservoir</i>
	2014	<i>Chicago River Blue Awards, Silver Ribbon Award for Space to Grow: Greening Chicago Schoolyards</i>
Government Finance Officers Association of the United States and Canada	2016-1985	<i>Budget document recognized for Distinguished Budget Presentation</i>
	2016	<i>Budget document received Special Performance Measures recognition</i>
	2015	<i>Budget document received outstanding in the overall category of Communications Device</i>
	2015-2007	<i>Certificate of Achievement for Excellence in Financial Reporting for the MWRD Retiree Health Care Trust - Comprehensive Annual Financial Report for Fiscal Years 2007 through 2015</i>
	2015-1975	<i>Certificate of Achievement for Excellence in Financial Reporting - Comprehensive Annual Financial Report for Fiscal Years 1975 through 2015</i>
	2015-1993	<i>Certificate of Achievement for Excellence in Financial Reporting for the MWRD Retirement Fund - Comprehensive Annual Financial Report for Fiscal Years 1993 through 2015</i>
	1999, 1996-1993	<i>Outstanding Achievement in Popular Annual Financial Reporting</i>
	1998-1988	<i>Budget document recognized as "Especially Notable" or "Outstanding" in various categories</i>
Illinois Association for Floodplain and Stormwater Management	2017	<i>Flood Reduction Project Award for Floodway Buyouts in the Village of Glenview</i> <i>Innovation Project Award for Master Plan Pilot Study: Using Green Infrastructure to Solve Urban Flooding</i>
	2016	<i>Flood Reduction Project Award for Large Project for the Thornton Composite Reservoir</i>
	2014	<i>Sustainability Award for the Space to Grow program for the redevelopment of four school properties using a variety of Best Management Practices for creating green space</i>
Illinois Department of Natural Resources	2017	<i>Illinois Mined Land Reclamation Award in the non-coal category for the McCook Reservoir</i>

AWARDS AND ACHIEVEMENTS RECOGNITION (continued)

Illinois Department of Natural Resources (continued)	2016	<i>Illinois Mined Land Reclamation Award in the non-coal category for the Thornton Composite Reservoir</i>
Illinois Engineering Council	2006	<i>Outstanding Engineering Achievement Award for Tunnel and Reservoir Plan Phase I</i>
Illinois Environmental Protection Agency	1994, 1983, 1981	<i>Certificate of Excellence Award for Wastewater Safety for James C. Kirie Water Reclamation Plant</i>
	1993-1992	<i>Certificate of Excellence Award for Safety received by various treatment plants</i>
	1992-1987	<i>Certificate of Excellence Award for Wastewater Safety received by various treatment plants</i>
	1991-1988	<i>Letters of Commendation of Excellence on Maintenance, Operation, and Compliance for various treatment plants</i>
	1988	<i>Hanover Park Treatment Plant named Plant of the Year</i>
Illinois Safety Council and Greater Chicago Safety Council	2007	<i>Safety and Health Outstanding Safety Performance Award for North Side and Calumet Water Reclamation Plants</i>
		<i>Fleet and Transportation Outstanding Safety Performance Award - District-wide</i>
	2006	<i>Safety and Health Outstanding Safety Performance Award for Calumet and Stickney Water Reclamation Plants</i>
	2005	<i>Safe Driving Award - District-wide, Fulton County Prairie Plan, Main Office Building, Main Office Building Annex, Lockport Powerhouse, John E. Egan, Hanover Park, James C. Kirie, Lemont, North Side, and Stickney Water Reclamation Plants</i>
		<i>Health and Safety Award for North Side Water Reclamation Plant</i>
	2004, 2001	<i>Transportation Award for Outstanding Safety Performance - District-wide</i>
	2004	<i>Health and Safety Award - Fulton County Prairie Plan, James C. Kirie Water Reclamation Plant, Lawndale Avenue Solids Management Area, Racine Avenue Pumping Station, Main Office Building Annex, Lemont, North Side, and Stickney Water Reclamation Plants</i>
		<i>Outstanding Safety Performance Award</i>
	2003	<i>Health and Safety Award - District-wide, Fulton County Prairie Plan, Lockport Powerhouse, Main Office Building, Main Office Building Annex, John E. Egan, Hanover Park, James C. Kirie, Lemont, and North Side Water Reclamation Plants</i>
	2003-2002 1996-1994	<i>Safety and Health Award for Outstanding Safety Performance</i>
	2002, 2000	<i>Outstanding Safety Performance in maintaining a safe and healthy working environment for its employees</i>
Illinois Society of Professional Engineers	2010	<i>Chicagoland Excellence in Engineering Project Award, Mechanical Division, for the Calumet Central Boiler Facility</i>
	1986	<i>MWRDGC System deemed one of the "Ten Outstanding Engineering Achievements in Illinois in the Last 100 Years"</i>
	1985	<i>Outstanding Engineering Accomplishment Award for the Tunnel and Reservoir Plan - Phase I System</i>
	1984	<i>Outstanding Engineering Accomplishment Award for Upper Salt Creek Watershed Floodwater Management Plan</i>

AWARDS AND ACHIEVEMENTS RECOGNITION (continued)

Illinois Water Environment Association	2017	<i>Mariyana Spyropoulos, President, is the recipient of the inaugural Public Official of the Year award. The Public Official of the Year award is presented to an elected or appointed public official that has made a documented significant contribution in the areas of clean water legislation, public policy, government service, or another area of public prominence that resulted in improvements to the water environment</i>
	2016	<i>Best Presentation Award, "Biosolids Beneficial Reuse Programs: SWOT and PEST Evaluations to Ensure Sustainability"</i>
	2013	<i>Debra Shore, Commissioner, is the recipient of the inaugural Public Official of the Year award. The Public Official of the Year award is presented to an elected or appointed public official that has made a documented significant contribution in the areas of clean water legislation, public policy, government service, or another area of public prominence that resulted in improvements to the water environment</i>
	2010	<i>Best Technical Presentation Award: Protozoa as Indicators of Activated Sludge Treatment System Conditions</i>
	2008	<i>Best Technical Presentation Award: Concerns about Endocrine Disrupting Chemicals in Land Applied Biosolids - Media Hype or Reality?</i>
International Personnel Management Association	1995	<i>Award for Excellence - Best personnel department in a medium-sized agency</i>
Interstate Mining Compact Commission	2017	<i>Kenes C. Bowling National Mine Reclamation Award for the McCook Reservoir</i>
Lake Michigan Water Analysts	1995	<i>Award of Excellence</i>
Metropolitan Chicago Masonry Council	1981	<i>"Excellence in Masonry '80" for James C. Kirie Water Reclamation Plant Masonry Design</i>
National Association of Clean Water Agencies (NACWA), formerly known as Association of Metropolitan Sewerage Agencies	2016	<i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Platinum Award for 25 consecutive years of full compliance for Calumet Water Reclamation Plant; Platinum Award for 20 consecutive years of full compliance for Lemont Water Reclamation Plant; Platinum Award for 12 consecutive years of full compliance for James C. Kirie Water Reclamation Plant; Platinum Award for 11 consecutive years of full compliance for Terrence J. O'Brien Water Reclamation Plant; and Platinum Award for nine consecutive years of full compliance for Hanover Park Water Reclamation Plant</i>
		<i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Gold Award for John E. Egan Water Reclamation Plant</i>
		<i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Silver Award for Stickney Water Reclamation Plant</i>
		<i>Utility of the Future Today Recognition</i>
	2015	<i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Platinum Award for 24 consecutive years of full compliance for Calumet Water Reclamation Plant; Platinum Award for 19 consecutive years of full compliance for Lemont Water Reclamation Plant; Platinum Award for 11 consecutive years of full compliance for James C. Kirie Water Reclamation Plant; Platinum Award for ten consecutive years of full compliance for Terrence J. O'Brien Water Reclamation Plant; and Platinum Award for eight consecutive years of full compliance for Hanover Park Water Reclamation Plant</i>

AWARDS AND ACHIEVEMENTS RECOGNITION (continued)

National Association of Clean Water Agencies (NACWA), formerly known as Association of Metropolitan Sewerage Agencies (continued)	2015	<i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Gold Award for John E. Egan and Stickney Water Reclamation Plants</i>
	2014	<p><i>Excellence in Management Platinum Award for excellence in utility management and successful implementation of programs that address the range of management challenges facing public wastewater utilities in today's competitive environment</i></p> <p><i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Platinum Award for 23 consecutive years of full compliance for Calumet Water Reclamation Plant; Platinum Award for 18 consecutive years of full compliance for Lemont Water Reclamation Plant; Platinum Award for ten consecutive years of full compliance for James C. Kirie Water Reclamation Plant; Platinum Award for nine consecutive years of full compliance for Terrence J. O'Brien Water Reclamation Plant; and Platinum Award for seven consecutive years of full compliance for Hanover Park Water Reclamation Plant</i></p> <p><i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Gold Award for John E. Egan and Stickney Water Reclamation Plants</i></p>
	2013	<p><i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Platinum Award for 22 consecutive years of full compliance for Calumet Water Reclamation Plant; Platinum Award for 17 consecutive years of full compliance for Lemont Water Reclamation Plant; Platinum Award for nine consecutive years of full compliance for James C. Kirie Water Reclamation Plant; Platinum Award for eight consecutive years of full compliance for Terrence J. O'Brien Water Reclamation Plant; and Platinum Award for six consecutive years of full compliance for Hanover Park Water Reclamation Plant</i></p> <p><i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Silver Award for John E. Egan and Stickney Water Reclamation Plants</i></p> <p><i>Richard Lanyon, former Executive Director, was inducted into the Hall of Fame and became the fifth former District executive in its ranks. The other four are former Director of M&R Dr. Cecil Lue-Hing and former General Superintendents Bart Lynam, Hugh McMillan, and Ben Sosewitz</i></p>
	2012	<p><i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Platinum Award for 21 consecutive years of full compliance for Calumet Water Reclamation Plant; Platinum Award for 16 consecutive years of full compliance for Stickney and Lemont Water Reclamation Plants; Platinum Award for eight consecutive years of full compliance for James C. Kirie Water Reclamation Plant; Platinum Award for seven consecutive years of full compliance for North Side Water Reclamation Plant; and Platinum Award for five consecutive years of full compliance for Hanover Park Water Reclamation Plant</i></p> <p><i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Silver Award for John E. Egan Water Reclamation Plant</i></p>

AWARDS AND ACHIEVEMENTS RECOGNITION (continued)

National Association of Clean Water Agencies (NACWA), formerly known as Association of Metropolitan Sewerage Agencies (continued)	2011	<p><i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Platinum Award for 20 consecutive years of full compliance for Calumet Water Reclamation Plant; Platinum Award for 15 consecutive years of full compliance for Stickney and Lemont Water Reclamation Plants; Platinum Award for seven consecutive years of full compliance for James C. Kirie Water Reclamation Plant; and Platinum Award for six consecutive years of full compliance for North Side Water Reclamation Plant</i></p>
		<p><i>NACWA Award for Full Compliance with National Pollutant Discharge Elimination System, Gold Award for Hanover Park Water Reclamation Plant</i></p>
		<p><i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Silver Award for John E. Egan Water Reclamation Plant</i></p>
	2010	<p><i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Platinum Award for 19 consecutive years of full compliance for Calumet Water Reclamation Plant; Platinum Award for 14 consecutive years of full compliance for Stickney and Lemont Water Reclamation Plants; Platinum Award for six consecutive years of full compliance for John E. Egan and James C. Kirie Water Reclamation Plants; and Platinum Award for five consecutive years of full compliance for North Side Water Reclamation Plant</i></p>
		<p><i>NACWA Award for Full Compliance with National Pollutant Discharge Elimination System, Gold Award for Hanover Park Water Reclamation Plant</i></p>
	2009	<p><i>NACWA Award for Full Compliance with National Pollutant Discharge Elimination System, Gold Award for Hanover Park and North Side Water Reclamation Plants</i></p>
		<p><i>NACWA Award for Full Compliance with National Pollutant Discharge Elimination System, Platinum Award for John E. Egan, James C. Kirie, Stickney, Calumet, and Lemont Water Reclamation Plants</i></p>
	2008	<p><i>National Environmental Achievement Award in Public Information and Education - Education Program category for "Mission Possible: Educating People to Promote Beneficial Use of Biosolids"</i></p>
		<p><i>NACWA Award for Full Compliance with National Pollutant Discharge Elimination System, Gold Award for John E. Egan, Hanover Park, James C. Kirie, and North Side Water Reclamation Plants</i></p>
		<p><i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Platinum Award for 17 consecutive years of full compliance for Calumet Water Reclamation Plant and Platinum Award for 12 consecutive years of full compliance for Stickney and Lemont Water Reclamation Plants</i></p>
	2007	<p><i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Silver Award for Hanover Park Water Reclamation Plant</i></p>
		<p><i>NACWA Award for Full Compliance with National Pollutant Discharge Elimination System, Platinum Award for Stickney, Calumet, and Lemont Water Reclamation Plants</i></p>
		<p><i>NACWA Award for Full Compliance with National Pollutant Discharge Elimination System, Gold Award for James C. Kirie, John E. Egan, and North Side Water Reclamation Plants</i></p>

AWARDS AND ACHIEVEMENTS RECOGNITION (continued)

National Association of Clean Water Agencies (NACWA), formerly known as Association of Metropolitan Sewerage Agencies (continued)	2006	<i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Platinum Award for Stickney, Calumet, and Lemont Water Reclamation Plants</i>
		<i>NACWA Award for Full Compliance with National Pollutant Discharge Elimination System, Gold Award for James C. Kirie, John E. Egan, Hanover Park, and North Side Water Reclamation Plants</i>
	2005-2003	<i>Certificate of Recognition for Excellence in Management for excellence in utility management and successful implementation of programs that address the range of management challenges facing public wastewater utilities in today's competitive environment</i>
	2005	<i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Silver Award for North Side Water Reclamation Plant</i>
		<i>NACWA Award for Full Compliance with National Pollutant Discharge Elimination System, Gold Award for Stickney, Calumet, James C. Kirie, John E. Egan, Hanover Park, and Lemont Water Reclamation Plants</i>
	2004	<i>NACWA Award for Full Compliance with National Pollutant Discharge Elimination System, Gold Award for Stickney, Calumet, North Side, and Lemont Water Reclamation Plants</i>
		<i>NACWA Award for Compliance with National Pollutant Discharge Elimination System, Silver Award for James C. Kirie, John E. Egan, and Hanover Park Water Reclamation Plants</i>
	2003	<i>Award for Full Compliance with National Pollutant Discharge Elimination System, Gold Award for Stickney, Calumet, North Side, Hanover Park, John E. Egan, James C. Kirie, and Lemont Water Reclamation Plants</i>
	2002	<i>Award for Full Compliance with National Pollutant Discharge Elimination System, Platinum Award for Hanover Park, North Side, and Calumet Water Reclamation Plants</i>
		<i>Award for Full Compliance with National Pollutant Discharge Elimination System, Gold Award for John E. Egan, James C. Kirie, Stickney, and Lemont Water Reclamation Plants</i>
	2001	<i>Research and Technology Award on "Biosolids as a Topsoil Substitute for the Germination and Growth of Turf, Forage, Prairie Grasses and Wild Flower Plants"</i>
		<i>National Environmental Achievement Award for Excellence in Research and Technology</i>
		<i>Award for Full Compliance with National Pollutant Discharge Elimination System, Platinum Award for Stickney and Lemont Water Reclamation Plants</i>
		<i>Award for Compliance with National Pollutant Discharge Elimination System, Silver Award for John E. Egan Water Reclamation Plant</i>
		<i>Award for Full Compliance with National Pollutant Discharge Elimination System, Gold Award for Hanover Park, James C. Kirie, North Side, and Calumet Water Reclamation Plants</i>
	2000	<i>Award for Compliance with National Pollutant Discharge Elimination System, Silver Award for John E. Egan and James C. Kirie Water Reclamation Plants</i>

AWARDS AND ACHIEVEMENTS RECOGNITION (continued)

National Association of Clean Water Agencies (NACWA), formerly known as Association of Metropolitan Sewerage Agencies (continued)	2000	<i>Award for Full Compliance with National Pollutant Discharge System Permit Standards, Gold Award for Hanover Park, North Side, Stickney, Calumet, and Lemont Water Reclamation Plants</i>
	1999	<i>Gold Award for 100% Compliance with National Pollutant Discharge System Permit Standards - Stickney, Calumet, North Side, Hanover Park, John E. Egan, James C. Kirie, and Lemont Water Reclamation Plants</i> <i>National Environmental Achievement Award - Research and Technology for Optimization of Conventional Low Technology Sludge Process to Produce Class A Sludge</i>
	1998	<i>Gold Award for 100% Compliance with National Pollutant Discharge System Permit Standards - Stickney, Calumet, North Side, Hanover Park, James C. Kirie, and Lemont Water Reclamation Plants</i>
	1997	<i>National Achievement Outstanding Operations Award to North Side Water Reclamation Plants for its Instrumentation Project</i> <i>Platinum Award for 100% Compliance for more than five years with National Pollutant Discharge System Permit Standards - Calumet and North Side Water Reclamation Plants</i> <i>Gold Award for 100% Compliance with National Pollutant Discharge System Permit Standards - James C. Kirie, Lemont, and Stickney Water Reclamation Plants</i> <i>Silver Award for 99.9% Compliance with National Pollutant Discharge System Permit Standards - John E. Egan and Hanover Park Water Reclamation Plants</i>
	1993	<i>Outstanding Operations Award for Sidestream Pool Aeration Stations</i>
National Association of Flood and Stormwater Management Agencies (NAFSMA)	2016	<i>Green Infrastructure Award, First Place in the Large Agency Category for the Space to Grow Program</i>
National Association of Government Defined Contribution Administrators	2013, 2009	<i>Leadership Recognition Award of Distinction for National Save for Retirement Week Campaign</i>
National Biosolids Partnership (Water Environment Federation and National Association of Clean Water Agencies)	2008	<i>Certificate of Achievement for meeting all the requirements for admittance and certification to the National Biosolids Partnership Environmental Management System Program</i>
National Institute of Governmental Purchasing	2017-2003	<i>Outstanding Agency Accreditation Achievement Award</i>
National Physical Plan Alliance	2014	<i>Champion Award for the Space to Grow program for the collaborative efforts of the District, Chicago Public Schools, and the Department of Water Management in transforming Chicago's underused and outdated schoolyards into vibrant outdoor spaces that benefit students, communities and the environment</i>
National Purchasing Institute	2006-2005	<i>Achievement of Excellence in Procurement</i>
National Society of Professional Engineers	1985	<i>Outstanding Engineering Accomplishment Award for the Tunnel and Reservoir Plan - Phase I System</i>
	1973	<i>Outstanding Engineering Achievements in the United States for the Brookfield LaGrange Rock Tunnel</i>

AWARDS AND ACHIEVEMENTS RECOGNITION (continued)

Risk & Insurance Magazine	2016	<i>Honorable Mention in the national Theodore Roosevelt Workers' Competition and Disability Management (TEDDY) Award competition for excellence in safety and workers' compensation risk management</i>
Rotary Club of Naperville	2016	<i>Paul Harris Award</i>
Stormwater Solutions Magazine	2016	<i>Top 10 Stormwater Project for the Blue Island Green Infrastructure Project</i>
Structural Engineers Association of Illinois	1985	<i>Honor Award for the Structural-Geotechnical Design of the Tunnel and Reservoir Plan Mainstream Pumping Station</i>
The Consulting Engineers Council of Illinois	1985	<i>Engineering Excellence Honor Award for the Tunnel and Reservoir Plan Mainstream System Phase I</i>
United States Department of Defense	2003	<i>Certificate of Appreciation for Outstanding Achievement through Value Engineering</i>
United States Environmental Protection Agency	2008	<i>Exemplary Biosolids Management Award - First Place in the Public Acceptance Category</i>
	2004	<i>National Second Place Clean Water Act Recognition Award, James C. Kirie Water Reclamation Plant, for Outstanding Operations and Maintenance, Large Advanced Plant</i>
	2003	<i>Certificate of Recognition as a Clean Water Partner for the 21st Century</i>
	1998	<i>Designation of the Chicago River as "One of the 25 Outstanding Success Stories in the Nation on the Occasion of the 25th Anniversary of the Clean Water Act"</i>
	1996	<i>Award of Excellence for First Place in Category Five in the National Pretreatment Program</i>
	1995	<i>National Pretreatment Award recognizing excellence in the administration of the District's Pretreatment Program</i>
	1994	<i>National First Place Award recognizing the District's Outstanding Combined Sewer Overflow Control Program</i>
		<i>Award for Excellence in Maintenance and Operations Category in Region V as the Best Large Advanced Plant - James C. Kirie Water Reclamation Plant</i>
	1993	<i>Second Place for Outstanding Treatment Facility by Stickney and John E. Egan Water Reclamation Plants in the Area of Maintenance and Operations</i>
	1992	<i>North Side Treatment Plant named "Best in the Midwest" for Municipal Pollution Control</i>
		<i>Affirmative Action Program named "Best in the Country"</i>
	1991	<i>Special Award for Sustained Outstanding Long-Term Contribution to the Beneficial Use of Sludge at the Prairie Plan, Fulton County</i>
		<i>Award for the Affirmative Action Program</i>
United States Green Building Council	2015	<i>Best of Green Schools Award for Collaboration, Space to Grow Partnership</i>
	2014	<i>Emerald Award for the Space to Grow Program in the Chapter Mission category recognizes the impact collaborations can have in building better, brighter, and healthier spaces to live, learn, and work</i>
Water and Wastes Digest	2016	<i>Thornton Composite Reservoir, one of the "Top Projects for 2016 Award"</i>
Water Environment Federation	2017	<i>Project Excellence Award for the Nutrient Recovery Facility at the Stickney Water Reclamation Plant</i>
		<i>Water Quality Improvement Award for the Calumet Tunnel and Reservoir Plan</i>

AWARDS AND ACHIEVEMENTS RECOGNITION (continued)

Water Environment Federation (continued)	2017	<i>Schroepfer Innovative Facility Design Medal for the Calumet Tunnel and Reservoir Plan</i>
	1999-1989	<i>Award for Outstanding Achievement in Water Quality Improvement</i>
	1992	<i>Recognition for the Solids Dewatering Prototype at the Stickney Water Reclamation Plant</i>
Water Environment Research Foundation	2013	<i>Award for Excellence in Innovation</i>
The Waterfront Center	2008	<i>Excellence on the Waterfront Award for Sidestream Elevated Pool Aeration Project</i>

LEADING PARTNERSHIPS

The District recognizes the importance of involvement in the world around us and encourages its employees to become actively involved in organizations, particularly in the water industry. We firmly believe that participation in professional organizations will enhance our awareness of current issues in our industry and help us make informed decisions. We also encourage our employees to take leadership roles in these organizations to further uphold the District as one of the top leaders in the water industry.

PROFESSIONAL ORGANIZATION	MEMBERSHIP ROLE	EMPLOYEE NAME	JOB TITLE
American Academy of Environmental Engineers and Scientists	Solid Waste Management Committee	Granato, Dr. Thomas C.	Director of Monitoring & Research
	Co-Chair, Environmental Microbiology group of the Environmental Life Sciences Committee	Rijal, Dr. Geeta K.	Supervising Environmental Microbiologist
American Contract Compliance Association	Board of Directors, Member	Berry, Regina D.	Diversity Administrator
The American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America	Soil Science Society of America Early Career Members Committee	Brose, Dr. Dominic	Associate Environmental Soil Scientist
	Incoming Chair, Soil and Environmental Quality Division Associate Editor, Agronomy Journal	Kumar, Dr. Kuldip	Senior Environmental Soil Scientist
	Student Contest Committee	Oladeji, Dr. Olawale	Associate Environmental Soil Scientist
Asian Carp Regional Coordinating Committee	Technical and Policy Workgroup Member	Minarik, Tom	Senior Aquatic Biologist
Calumet Bi-State Collaborative	Communications Committee	Fore, Allison	Public & Intergovernmental Affairs Officer
	Millenium Reserve Steering Committee	St. Pierre, David	Executive Director
Central States Water Environment Association	Vice Chair, Global Water Stewardship Committee	Durkin, Maureen	Managing Civil Engineer
Chicago Area Waterway System and Chloride Reduction Initiative	Data Acquisitions Committee and Water Quality Committee	Minarik, Tom	Senior Aquatic Biologist
	Chair, Water Quality Committee	Wasik, Jennifer	Supervising Aquatic Biologist
Chicago Region Trees Initiative	Executive Advisory Council Work Group	St. Pierre, David	Executive Director
		Fore, Allison	Public & Intergovernmental Affairs Officer
Cook County Economic Advisory Committee	Development & Planning Subcommittee	St. Pierre, David	Executive Director
Current Water	Ex Officio Board Member	St. Pierre, David	Executive Director
DuPage River Salt Creek Workgroup	Chloride Committee and Projects Committee	Minarik, Tom	Senior Aquatic Biologist
	"Member at Large", DRSCW Executive Board	Serafino, Sergio	Assistant Director of Maintenance & Operations
Emerson Process Management's Ovation Group	President on the Executive Board	Majka, Jeff	Senior Electrical Engineer

LEADING PARTNERSHIPS (continued)

PROFESSIONAL ORGANIZATION	MEMBERSHIP ROLE	EMPLOYEE NAME	JOB TITLE
Environtopica	Associate Editor	Guanglong, Dr. Tian	Supervising Environmental Soil Scientist
Governor's River Advisory Council	Member	St. Pierre, David	Executive Director
Human Resources Round Table for the City of Chicago Sister Agencies	Member	Kosowski, Thaddeus J.	Assistant Director of Human Resources
Illinois Association of Wastewater Agencies	Committee Chair, Subcommittee on Biosolids	Cox, Dr. Albert	Environmental Monitoring & Research Manager
	Chairman, Awards Committee	Perkovich, Brian	Assistant Director of Maintenance & Operations
	Member, Legislative Subcommittee and the Nutrients Workgroup		
	Nutrients and Total Maximum Daily Loads Committee	Szyska, Theodore	Senior Civil Engineer
	Committee Chair, Subcommittee on the Environmental Utility	Wasik, Jennifer	Supervising Aquatic Biologist
	Committee Member, Subcommittee on Water Quality; Subcommittee on Nutrients and Total Maximum Daily Loads; Subcommittee on Tiered Aquatic Life Use Development	Wasik, Jennifer	Supervising Aquatic Biologist
Illinois Environmental Protection Agency	Nutrient Reduction Strategy, Performance and Benchmarks Committee	Cox, Dr. Albert	Environmental Monitoring & Research Manager
	Nutrient Reduction Strategy, Policy Working Group	Cox, Dr. Albert	Environmental Monitoring & Research Manager
	Bacteria Stakeholders Workgroup	Rijal, Dr. Geeta K.	Supervising Environmental Microbiologist
	Ammonia Workgroup	Vick, Justin	Associate Aquatic Biologist
	Nutrient Reduction Strategy, Nutrient Monitoring Council	Vick, Justin	Associate Aquatic Biologist
	Ammonia Implementation Committee	Wasik, Jennifer	Supervising Aquatic Biologist
Illinois Nutrient Loss Reduction Strategy	Policy Workgroup	Granato, Dr. Thomas C.	Director of Monitoring & Research
Illinois Public Employer Labor Relations Association	Board of Directors, Member and VP of Training Committee	Bonner, Roxanne J.	Human Resources Manager
	Membership and Marketing Committees	Kosowski, Thaddeus J.	Assistant Director of Human Resources
Illinois State Bar Association's Section on Environmental Law	Appointee to the Section Counsel	Mihalopoulos, Jorge	Senior Attorney

LEADING PARTNERSHIPS (continued)

PROFESSIONAL ORGANIZATION	MEMBERSHIP ROLE	EMPLOYEE NAME	JOB TITLE
Illinois Water Environment Association	President-Elect for 2016-2017 and President for 2017-2018	Collins, Dan	Managing Civil Engineer
	Chairman of the Nutrient Removal and Recovery Committee	Garelli, Brett	Deputy Director of Maintenance & Operations
	Vice Chair of the Electrical Power, Energy, and Controls Committee	Gottardo, Glenn	Managing Electrical Engineer
	Plant Operations Committee	Kohlhaas, Lynn	Senior Civil Engineer
	Nutrient Removal and Recovery Committee	Kozak, Dr. Joseph	Supervising Environmental Research Scientist
	Biosolids and Resources Recovery Committee	Kumar, Dr. Kuldip	Senior Environmental Soil Scientist
	Vice Chair - Leaders Innovation Forum for Technology Committee	Matias, Meagan	Associate Civil Engineer
	Social Networking Chair		
	Biosolids and Resources Recovery Committee	McGregor, Matthew	Senior Civil Engineer
	Biosolids and Resources Recovery Committee	Oladeji, Dr. Olawale	Associate Environmental Soil Scientist
	Electrical Power, Energy, and Controls Committee	Patel, Sanjay	Engineer of Treatment Plant Operations I
	Co-Chair of the Lab Committee	Rabah, Anas	Assistant Environmental Chemist
	Scholarship Committee	Rijal, Dr. Geeta K.	Supervising Environmental Microbiologist
	Chair of the Lab Committee	Rose, Rebecca	Senior Environmental Chemist
	Industrial Pretreatment Committee	Scapardine, Barbara	Environmental Specialist
	Treasurer Leaders Innovation Forum for Technology Committee Scholarship and Charitable Giving Committee	Storino, Lou	Principal Civil Engineer
	Scholarship and Charitable Giving Committee	Wawczak, Brian	Senior Civil Engineer
Chairman of the Membership Committee Scholarship and Charitable Giving Committee Students and Young Professionals Committee	Wu, Fred	Senior Civil Engineer	

LEADING PARTNERSHIPS (continued)

PROFESSIONAL ORGANIZATION	MEMBERSHIP ROLE	EMPLOYEE NAME	JOB TITLE
Industrial Water, Waste, and Sewage Group	Treasurer	Scapardine, Barbara	Environmental Specialist
Institute of Electrical and Electronics Engineers, Power & Energy Society-Chicago	Vice Chair of the Executive Committee	Nator, Mohammed	Senior Electrical Engineer
Inter-Governmental Panel on Climate Change	Agricultural Soil CO2 Expert Committee	Guanglong, Dr. Tian	Supervising Environmental Soil Scientist
Local Governmental Law Consortium	Founding and Organizing Member	Goldberg, Lisa A.	Head Assistant Attorney
	Founding and Organizing Member	Saindon, Pamela	Senior Attorney
Midwest Water Analysts Association	Steering Committee	Coolidge, Donna	Assistant Director of Monitoring & Research
	Secretary	Miller, Sarah	Senior Environmental Chemist
	Lab Chair of the Steering Committee	Rose, Rebecca	Senior Environmental Chemist
	President	Stefanich, Tricia	Senior Environmental Chemist
The National Association of Clean Water Agencies	Utility and Resource Management Committee	Carmody, Steve	Engineer of Treatment Plant Operations I
	Communications and Public Affairs Committee	Fore, Allison	Public & Intergovernmental Affairs Officer
	Pretreatment Program Committee	Joseph, Mathew	Assistant Director of Monitoring & Research
	Biosolids Management Committee	McGregor, Matthew	Senior Civil Engineer
	Legal Affairs Committee	Mihalopoulos, Jorge	Principal Attorney
	Pathogen Workgroup	Rijal, Dr. Geeta K.	Supervising Environmental Microbiologist
	Vice President	St. Pierre, David	Executive Director
	Facility and Collection System Committee	Storino, Lou	Principal Civil Engineer
	Water Quality Committee Emerging Contaminants Committee	Vick, Justin	Associate Aquatic Biologist
	Water Quality Committee Pretreatment Program Committee	Wasik, Jennifer Yarnik, Greg	Supervising Aquatic Biologist Supervising Environmental Specialist
National Biosolids Partnership	Blue Ribbon Panel and Appeals Board	Granato, Dr. Thomas C.	Director of Monitoring & Research
National Council of Examiners for Engineering and Surveying	Structural Committee	Geraminejad, Babak	Associate Structural Engineer

LEADING PARTNERSHIPS (continued)

PROFESSIONAL ORGANIZATION	MEMBERSHIP ROLE	EMPLOYEE NAME	JOB TITLE
The National Science Foundation	Ebola Advisory Committee	Rijal, Dr. Geeta K.	Supervising Environmental Microbiologist
	Industrial Advisory Board of Water Equipment and Policy Committee	Zhang, Dr. Heng	Assistant Director of Monitoring and Research
Partnership for River Restoration in the Upper Midwest	Technical Committee	Vick, Justin	Associate Aquatic Biologist
Society for Ecological Restoration	Global Organization and the Midwest and Great Lakes Chapter	Vick, Justin	Associate Aquatic Biologist
Suburban Cook County Local Emergency Planning Committee	Chairperson of the Chemical Liaison Committee	Wienberg, Kristine	Environmental Specialist
United States Department of Agriculture	W-3170 Workgroup	Guanglong, Dr. Tian	Supervising Environmental Soil Scientist
US Water Alliance	Value of Water Campaign Communications Committee	Fore, Allison	Public & Intergovernmental Affairs Officer
The World Academy of Sciences	Advisor	Guanglong, Dr. Tian	Supervising Environmental Soil
Water Environment Federation	Collection Systems Committee	Durkin, Maureen	Managing Civil Engineer
	Collection Systems Committee	Fitzpatrick, Kevin	Managing Civil Engineer
	Communications Committee	Fore, Allison	Public & Intergovernmental Affairs Officer
	Municipal Resource Recovery Design Committee	Kozak, Dr. Joseph	Supervising Environmental Research Scientist
	Vice President of the Water Resource Recovery Facility Design Committee	Kunetz, Thomas	Assistant Director of Engineering
	Residuals and Biosolids Committee	McGregor, Matthew	Senior Civil Engineer
	Utility Management Committee	Patel, Sanjay	Engineer of Treatment Plant Operations I
	Stormwater Institute Advisory Committee	Sheriff, William	Assistant Director of Engineering
	Collection Systems Committee and the Students and Young Professionals Committee	Storino, Lou	Principal Civil Engineer
	Water Environment Federation's Annual Technical Exhibition and Conference Advisory Committee		
	Stormwater Committee	Watson, John	Associate Civil Engineer
	Membership Committee	Wu, Fred	Senior Civil Engineer
Water Environment & Reuse Foundation	Leaders Innovation Forum for Technology Committee	Fitzpatrick, Kevin	Managing Civil Engineer
	Chair, Odor Control Workgroup, Leaders Innovation Forum for Technology	Granato, Dr. Thomas C.	Director of Monitoring & Research

LEADING PARTNERSHIPS (continued)

PROFESSIONAL ORGANIZATION	MEMBERSHIP ROLE	EMPLOYEE NAME	JOB TITLE
Water Environment & Reuse Foundation (continued)	Trace Organics in Biosolids Research Challenge Committee Biosolids Committee	Kumar, Dr. Kuldip	Senior Environmental Soil Scientist
	Steering Committee, Leaders Innovation Forum for Technology	Kunetz, Thomas	Assistant Director of Engineering
	Sustainable Struvite Control Using Carbon Dioxide from Digester Gas Steering Committee	Patel, Kamlesh	Senior Environmental Research Scientist
	Project Steering Committee and Ebola Advisory Committee	Rijal, Dr. Geeta K.	Supervising Environmental Microbiologist
	Leaders Innovation Forum for Technology Committee	Storino, Louis	Principal Civil Engineer
	Issue Area Team on Linking Receiving Water Impacts to Sources Committee	Wasik, Jennifer	Supervising Aquatic Biologist
	Issue Area Team on the Nutrient Challenge Program Committee	Zhang, Dr. Heng	Assistant Director of Monitoring and Research
Water Environment & Reuse Foundation Leaders Innovation Forum for Technology	Design and Implementation of Peracetic Acid for Municipal Water and Wastewater Related Processes Subcommittee	Patel, Kamlesh	Senior Environmental Research Scientist
	Vice Chairman of the Workgroup on Shortcut Nitrogen Removal Workgroup on Digestion Enhancements Committee Workgroup on Energy from Wastewater Committee	Zhang, Dr. Heng	Assistant Director of Monitoring and Research

FINANCIAL GLOSSARY

Abatement: A complete or partial cancellation of tax levy imposed by a government.

Accrual Basis of Accounting: The basis of accounting under which transactions are recognized when they occur, regardless of the timing of cash receipts and disbursements.

Accrued: The accumulation of a receivable or payable during a given period even though no explicit transaction occurs within that period.

Activities: The major programs and projects performed by an organizational unit.

Ad Valorem Tax: A tax levied in proportion to the value of the property against which it is levied (also known as property tax).

Appropriation: An amount of money in the budget, authorized by the Board of Commissioners, for expenditure or obligation within organizational units for specific purposes. The Corporate Fund appropriates money for operating and general purposes. The Capital Improvements Bond Fund appropriates money for major improvements, plant expansion, sewers, etc.

Assessed Valuation: The value of all taxable property within the boundaries of the District as a basis for levying taxes (i.e., the property's value). See tax base.

Assets: Resources owned or held by the District which have monetary value.

Balance Sheet: A statement showing the financial position at a given time, disclosing assets, liabilities and fund balances.

Balanced Budget: Budgeted resources are equal to budgeted requirements.

Bond: A written promise to pay a specified sum of money (called the principal) at a specified date in the future, together with periodic interest at a specified rate. In the budget document, these payments are identified as debt service.

Bond Redemption & Interest Fund (Debt Service Fund): Established to account for annual property tax levies and certain other revenues, primarily interest on investments, which are used for the payment of principal and interest of general obligation bond issues.

Budget: A balanced financial plan for a given period of time, which includes appropriations and tax levy ordinances for the various sources of revenue which finance the various funds. The budget is not only a financial plan; it also serves as a policy guide, as an operations guide and as a communications medium.

Capital Equipment: Fixed assets such as vehicles, marine equipment, computers, furniture, technical instruments etc., which have a life expectancy of more than one year and a value over \$5,000.

Capital Improvement Program: The aggregate compilation of those individual construction projects identified as necessary for new facilities, or to rehabilitate, replace, or expand existing District facilities for the District to continue to meet its statutory service mandates in keeping with existing regulatory requirements.

Capital Improvements Bond Fund: Established to account for the proceeds of bonds authorized by the Illinois General Assembly, government grants and certain other revenues, all to be used in connection with improvements, replacements and additions to the District's facilities.

Capital Outlay: Expenditures which result in the acquisition of, or addition to, fixed assets, including land, buildings, improvements, machinery and equipment. Most equipment or machinery is included in the annual operating budget. Capital improvements such as acquisition of land, construction and engineering expenses are included in the Capital Budget.

Capital Projects Fund: Established to account for all resources, principally bond proceeds and construction grants, which are used for the acquisition or construction of capital facilities. Included in Capital Projects Funds are the Capital Improvements Bond Fund and the Construction Fund.

Capitalized: Capital outlays recorded as additions to the asset account, not as expenses.

Carryover (Net As sets Applicable): That resource balance left after subtracting Current Liabilities and Designated Fund Balances from Current Assets.

Cash Basis of Accounting: Revenues are not recorded until cash is received, and expenditures are recorded only when cash is disbursed.

Cash Management: A conscious effort to manage cash flows in such a way that interest and penalties paid are minimized and interest earned is maximized. Funds received are deposited on the day of receipt and invested as soon as the funds are available. The District maximizes the return on all funds available for investment without sacrifice of safety or necessary liquidity.

Classification of Budgetary Code Accounts: A manual published annually which specifies the official code designations set forth in the annual budget for the purposes of accounting and expenditure control. Budgetary code listings for funds, organizations, locations, programs and line items are included.

Commitment Items: Expenditure classifications established to account for and budget the appropriations approved. Also referred to as Line Item.

Construction Fund: Established to account for an annual property tax levy and certain other revenues to be used in connection with improvements, replacements and additions to the District's facilities.

FINANCIAL GLOSSARY (continued)

Construction Working Cash Fund: Established to make temporary loans (repayable from the tax levy of the applicable year) to the Construction Fund, reducing the need for issuing short-term debt and the resultant interest expense.

Consumer Price Index (CPI): A measure of the average change over time in the prices paid by urban consumers for a market basket of consumer goods and services.

Corporate Fund: Established to account for an annual property tax levy and certain other revenues which are to be used for the operations and payments of general expenditures of the District not specifically chargeable to other funds.

Corporate Working Cash Fund: Established to make temporary loans (repayable from the tax levy of the applicable year) to the Corporate Fund, thus reducing the need for issuing short-term debt and the resultant interest expense.

Crosshatch (#): The crosshatch mark (#) indicates a restriction on the filling of a vacated position.

Current Assets: Cash plus assets that are expected to be converted to cash, sold or consumed during the next twelve months or as a part of the normal operating cycle.

Current Liabilities: Obligations that will become due within the next year or within the normal operating cycle, if longer than a year.

Debt Service Fund: See Bond Redemption & Interest Fund.

Debt Service Requirements: The amount of money required to pay interest and principal on outstanding debt.

Delinquent Taxes: Taxes remaining unpaid on and after the date to which a penalty for nonpayment is attached.

Depreciation: The allocation of the acquisition cost of plant, property and equipment to the particular periods or products that benefit from the utilization of the asset in service.

Disbursements: Payments made on obligations.

Encumbrances: Obligations incurred in the form of orders, contracts and similar items that will become payable when goods are delivered or services rendered.

Equalization: After the County Assessor has established the assessed valuation for a given year, and following any revisions by the Board of (Tax) Appeals, the Illinois Department of Revenue is required by statute to review the assessed valuation. The Illinois Department of Revenue establishes an equalization factor, commonly called the "multiplier," for each county to make all valuations uniform among the 102 counties in the state.

Equalized Assessed Valuation (EAV): Once the equalization factor (multiplier) is established, the assessed valuation, as revised by the Board of (Tax) Appeals, is multiplied by the equalization factor (multiplier) to determine the EAV.

Expenditure: An amount of money disbursed or obligated. Expenditures include current operating expenses requiring the present or future use of net current assets, debt service, and capital outlays. (see Accrual and Cash Basis of Accounting).

Fiduciary Funds: Established to account for transactions related to assets held in trust for a public purpose.

Fiscal Year: The timeframe to which the budget applies. For the District, this is the period from January 1 through December 31.

Fixed Assets: Long-term tangible assets that have a normal use expectancy of more than one year and do not lose their individual identity through use. Fixed assets include buildings, equipment, improvements other than buildings and land.

Function: A group of related tasks, such as sewage treatment and collection, or the reduction of water pollution, which is aimed at accomplishing a major service or regulatory program for which a governmental unit is responsible.

Fund: An accounting entity established to account for sums of money or other resources, such as taxes, charges, fees, etc., to conduct specified operations and to attain certain objectives. Funds are frequently under specific limitations. For more information regarding specific funds, refer to the Financial Narrative in Section III, "Financial Statements by Fund."

Fund Accounting: A governmental accounting system which is organized and operated on a fund basis.

Fund Balance: The cumulative difference of all revenues and all expenditures of the fund from the time the governmental entity was established. Fund balance is also considered to be the difference between fund assets and fund liabilities and is sometimes referred to as "fund equity."

Generally Accepted Accounting Principles (GAAP): Uniform minimum standards of, and guidelines for, external financial accounting and reporting. They govern the form and content of the basic financial statements of an entity. GAAP encompasses the conventions, rules, and procedures necessary to define accepted accounting practices at a particular time. They include not only broad guidelines of general application, but also detailed practices and procedures. GAAP provides a standard by which to measure financial presentations. The primary authoritative statement on the application of GAAP to state and local governments is Government Accounting Standards Board (GASB) pronouncements.

General Obligation Bonds: Bonds, the payment for which the full faith and credit of the issuing government are pledged.

Governmental Funds: Group of funds utilized to account for revenues and expenditures in compliance with the legal requirements and constraints of current statutes for governmental agencies.

FINANCIAL GLOSSARY (continued)

Grant: A contribution by one governmental unit to another unit. The contribution is usually made to aid in the support of a specified function, such as sewer construction, pollution control, etc.

Home-Rule Unit: The principle or practice of self-government in the internal affairs of a dependent political unit. In Illinois, any municipality with population of more than 25,000 is a home-rule unit unless it elects by referendum not to be a home-rule unit. Any other municipality may elect by referendum to become a home-rule unit.

Internal Control: Methods and procedures that are mainly concerned with the authorization of transactions, safeguarding of assets, and accuracy of the financial records.

Liabilities: Obligations incurred in past or current transactions requiring present or future settlement.

Limited Tax Bonds: A form of nonreferendum bonding authority granted by Illinois PA 89-385 allowing the District to issue additional debt for projects initiated after October 1, 1991. Limited Tax Bonds can be issued to the extent that the total debt service requirements of any new debt, when combined with existing debt service, do not exceed the debt service extension base established by the Act.

Line Items: Expenditure classifications established to account for and budget the appropriations approved. Also referred to as Commitment Item.

Mid-Year Reviews: Twice during the fiscal year (in May and August), the current year budget is evaluated based on spending to date and current projections. The primary areas reviewed and analyzed are (1) current year budget versus previous year revenues and expenditures; (2) year-to-date expenditure and revenue status plus expenditure and revenue projections for the remainder of the year; and (3) data to support recommendations for budget transfers.

Modified Accrual Basis of Accounting: The basis of accounting under which revenues are recognized when measurable and available to pay liabilities, and expenditures are recognized when the liability is incurred except for interest on long-term debt which is recognized when due.

Multiplier: See Equalization.

Net Assets Appropriable: That resource balance left after subtracting Current Liabilities and Designated Fund Balances from Current Assets. Commonly referred to as carryover.

Net Present Value: A mathematical formula used to measure the expected return on investments by calculating how much money needs to be invested today to result in a certain sum at a future time.

Object Classification: A grouping of expenditures on the basis of goods or services purchased (e.g., personal services, materials and supplies, equipment, etc.), also referred to as Object of Expenditure.

Objectives: The annual organizational levels of achievement expected. A statement of purpose defined more specifically than a goal. (A goal can include several related objectives.) Objectives are listed in order of priorities with their associated costs including estimates of salaries, equipment, supplies, etc.

Obligations: Amounts which a government may be legally required to meet out of its resources. They include not only actual liabilities, but also encumbrances not yet paid.

Ordinance: A bill, resolution or order by means of which appropriations are given legal effect. It is the method by which the appropriation of the annual budget is enacted into law by the Board of Commissioners per authority of state statutes.

Other Postemployment Benefits (OPEB): Cost of retiree health insurance benefits recognized over the active service life of the employees rather than on a pay-as-you-go basis.

Performance: The measurable unit of types of work, related to District activities and, where meaningful, the costs of operation that are used to develop the costs for each unit of activity (e.g., dollars per one million gallons of sewage treated).

Personal Property Replacement Tax: Since July 1979, this income tax on corporations, partnerships and invested capital of utilities replaces the personal property taxes previously levied.

Pollution Control Facilities: The State of Illinois directly assesses all pollution control facilities which have been certified by the Pollution Control Board. Pollution control facilities include any system, method, construction, device or appliance appurtenant that is designed, constructed, installed or operated for the primary purpose of eliminating, preventing or reducing air and water pollution as defined in the Environmental Protection Act. This does not include any pollution control facility used for radioactive waste, nuclear generation of electric power or for sewage disposal or treatment.

Programs: The essential activities performed by the District such as collection, treatment, flood and pollution control, etc., including specific and related sub-activities.

Property Tax Extension Limitation Laws: Illinois Public Act 89-1 provides for limitations on real estate property tax levies. As applicable to the District, the 1994 tax levy, payable in 1995 is limited to a 5 percent increase from the 1993 levy. Future levies are limited to increases of the lesser of 5 percent or the percentage change in the national Consumer Price Index (CPI-U).

Property Tax Rate: The amount of tax stated in terms of a unit of the tax base, expressed as dollars per \$100 of equalized assessed valuation.

Railroad Property: The State of Illinois directly assesses railroad property which includes all railroad "operating property." Tracks and right-of-way, all structures, equipment, and all property connected with or used in the operation of the railroad along with real estate held for expansion. Nonoperating railroad property is assessed by the County Assessor.

FINANCIAL GLOSSARY (continued)

Real Property: Real Estate, including land and improvements (buildings, fences, pavements, etc.) classified for purposes of assessment.

Refunding Bonds: Bonds issued to retire bonds already outstanding.

Reserve Claim Fund: Established for the payment of claims, awards, losses, judgments or liabilities which might be imposed against the District, and for the emergency repair or replacement of damaged District property.

Resources: The actual assets of a governmental unit, such as cash, taxes receivable, land, buildings, etc., including estimated revenues applying to the current fiscal year, and bonds authorized and unissued.

Retirement Fund: Established to account for annual pension costs and supported in part by property taxes which are levied in accordance with statutory requirements.

Revenue: Income generated by taxes, notes, bonds, investment income, land rental, user charge, sludge and scrap sales as well as federal and state grants.

Sinking Fund: See Bond Redemption & Interest Fund.

Special District: A governmental entity established by the State of Illinois for a specific purpose or purposes. The District was originally organized under an act of the General Assembly of the State of Illinois in 1889.

State Revolving Fund (SRF): Under the Water Quality Act Amendment of 1987, federal authorization created State Revolving Funds administered by State agencies which provide loans from these funds to municipal agencies for their wastewater construction programs. These loans carry interest rates which are below general rates available in the municipal bond market. Therefore, pollution control facilities receive subsidies which can provide the approximate equivalent of a 25 to 30 percent grant.

Tax Base: The aggregate value of the items being taxed. The base of the District's real property tax is the market value of all taxable real estate within the boundaries of the District. See assessed valuation.

Tax Cap: (Property Tax Extension Limitation Laws). Illinois Public Act 89-1 provides for limitations on real estate property tax levies. As applicable to the District, the 1994 tax levy, payable in 1995 is limited to a 5 percent increase from the 1993 levy. Future levies are limited to increases of the lesser of 5 percent or the percentage change in the National Consumer Price Index (CPI-U).

Tax Levy: An amount of money raised through the collection of property taxes to finance each fund operation.

Tax Levy Ordinance: An ordinance through which taxes are levied. See ordinance.

Tax Rate: See Property Tax Rate.

Taxes: Mandatory charges levied by a governmental unit for the purpose of financing services performed for the common benefit.

User Charge System: In compliance with the 1977 Clean Water Act, the District is required to augment the ad valorem property tax system with a charge related to the actual use of waste treatment services. Users exceeding their ad valorem amount pay additional amounts for services received.

Working Cash Funds (Corporate, Construction, and Stormwater): Authorized by Illinois State Statutes to make temporary loans to the Corporate, Construction, and Stormwater Management Funds. Loans are repaid to the Working Cash Funds from the tax levies of the funds. The use of Working Cash funds eliminates the need for the issuance of short-term financing.

GLOSSARY OF TECHNICAL TERMS

Biochemical Oxygen Demand (BOD): The quantity of oxygen used in the biochemical oxidation of organic matter in a specified time, at a specific temperature, and under specific conditions; the BOD analysis is a standard test used in assessing wastewater strength. See “Carbonaceous Biochemical Oxygen Demand.”

Biological Oxidation: The process whereby living organisms in the presence of oxygen, convert the organic matter contained in wastewater into new cells and subsequently into more stable compounds.

Biosolids: The nutrient-rich organic materials resulting from the treatment of domestic sewage in a wastewater treatment facility. These organic materials are generated when solids (sewage sludge) generated during the treatment of domestic sewage are treated further to meet the 40 CFR (Code of Federal Regulations) Part 503 sewage sludge regulatory requirements for beneficial reuse.

Carbonaceous Biochemical Oxygen Demand (CBOD): The portion of BOD attributable to organic matter containing carbon; does not include nitrogenous oxygen demand.

Centrifuge: A mechanical device in which centrifugal force is used to separate solids from liquids and/or to separate liquids of different densities, e.g., a dewatering device.

Coarse and Fine Screens: A coarse screen is a bar screen with approximate 3” openings located at the point of incoming wastewater which is used to capture large objects and other debris; this device protects the sewage pumps. A fine screen is a bar screen with approximately 5/8” openings to collect and remove small debris via a traveling rake. The screening is conveyed to a scavenger disposal box.

Collection System: A system of underground conduits/sewers collecting wastewater from a source and conveying it to the treatment facility.

Combined Sewer: A sewer that transports wastewater and (in wet weather conditions) stormwater.

Design Capacity: The maximum rate of sewage flow which a treatment plant is capable of treating, on a long-term basis, to continuously attain required effluent quality.

Dewatering: Water removal or concentration of solids by filtration, centrifugation, or drying.

Digestion, Anaerobic: The biological decomposition of organic matter in the absence of oxygen, resulting in partial gasification, liquidation, and mineralization. The digester gas is collected, compressed and used to fuel the plant boilers.

Drying Bed: Large areas on which solids are placed for dewatering by gravity, drainage, and evaporation.

Effluent: The resulting product of the wastewater treatment process which is also used for tank cleaning, grass watering, and conveyor belt cleaning.

Exceptional Quality (EQ): Exceptional Quality refers to biosolids or composted biosolids that meet the Class A pathogen standard, lowest metal concentration limits, and vector attraction reduction requirement specified in 40 CFR Part 503. Biosolids meeting the EQ criteria can be beneficially used without any restrictions.

503 Regulations: The U.S. EPA issued on February 19, 1993, comprehensive federal sewage sludge use and disposal regulations which are organized in five parts: general provisions, land application, surface disposal, pathogens and vector attraction reduction, and incineration. Parts addressing standards for land application, surface disposal, and incineration practices consist of sections covering applicability and special requirements, management practices, frequency of monitoring, recordkeeping, and reporting requirements.

Industrial User (IU): A person who conducts any industrial, manufacturing, agricultural, trade, or business process or who conducts the development, recovery or processing of natural resources.

Industrial Waste: All solid, liquid, or gaseous waste resulting from an industrial user.

Infrastructure: Assets that are long-lived capital assets that normally are stationary in nature and normally can be preserved for a significantly greater number of years than most capital assets. Examples from our infrastructure holdings include: wastewater tankage, LASMA Drying sites, SEPA stations, the Deep Tunnel, and sewerage interceptors.

Interceptor: A larger sewer which “intercepts” the wastewater from smaller and/or local sewers.

Interceptor Inspection and Rehabilitation Program (HRP): The inspection and repair of District sewers and interceptors.

Lagoon, Solids: An earthen basin which is used for the storage, continued stabilization, and dewatering of solids.

Lysimeter: A device used for collecting water from the pore spaces of soils and for determining the chemical composition of the water that percolates through a certain depth of soil.

Maintenance Management System (MMS): A District-wide computerized system to assist management in maintaining the District’s infrastructure.

National Pollutant Discharge Elimination System (NPDES): The permit and regulation system governing direct discharges into navigable waters administered by the IEPA and USEPA.

Odor Control Program: The systematic modifying or altering of certain processes to minimize obnoxious odors. Ferric chloride, ozonation (conversion of oxygen into ozone), and deodorants are some of the various methods used in combating odors.

GLOSSARY OF TECHNICAL TERMS (continued)

Phycoremediation: The process of using algae (macro-algae or micro-algae) for the removal of pollutants, like nutrients (nitrogen and phosphorus), from the wastewater and carbon dioxide (CO₂) from waste air.

Pretreatment (Industrial): Any method, construction, device, arrangement, or appliance installed for the purpose of treating, neutralizing, stabilizing, disinfecting, or disposing of sewage, industrial waste, or other wastes prior to entry into the District's sewerage system.

Pretreatment Program: The District's efforts to identify, monitor and control by enforcement, the discharge of industrial waste from industrial sources into the District's sewerage system, in conformance with federal regulations promulgated pursuant to the Clean Water Act.

Primary Treatment: The District uses a series of large screens to remove large debris from the wastewater which can clog the machinery. Heavy solids like sand and grit are then removed in the grit chamber. Any remaining heavy solids settle to the bottom of the primary settling tanks.

Reservoirs, Storm: Temporary storage areas for containing surface waters during extreme storm conditions.

Secondary Treatment Process: The wastewater flows to aeration tanks which have been seeded with bacteria. Filtered air is pumped through the liquid to provide oxygen for the bacteria. The bacteria consume organic materials in the wastewater, grow and multiply. The mixture of bacteria and water then flow into a secondary settling tank. The bacteria clump together and become heavy "flocs" which settle to the bottom of the tank and are removed. At this point, the water can be discharged to a nearby waterway after disinfection, with over 90 percent of its contaminants removed.

Set Point: The desired or target value for an essential variable of a system.

Sewage: Water-carried human wastes or a combination of water-carried wastes from residences, business buildings, institutions and industrial establishments, together with such ground, surface, storm, or other waters as may be present.

Sewage and Waste Control Ordinance: An ordinance to provide for the abatement and prevention of pollution by regulating and controlling the quantity and quality of sewage and industrial waste admitted to or discharged into the sewerage systems, sewage treatment facilities, and waterways under the jurisdiction of the District. This ordinance was originally adopted by the District's Board of Commissioners in 1969 and continues to be amended as necessary.

Sewerage System: Sewers, intercepting sewers, pipes or conduits, pumping stations, force mains, constructed drainage ditches, surface water intercepting ditches, and all other constructions, devices, and appliances used for collecting or conducting sewage, industrial waste, or other wastes to a point of treatment or ultimate disposal.

Sidestream Elevated Pool Aeration (SEPA): A process in which a portion of the flow of a body of water is pumped up approximately 15 feet; the water is then allowed to cascade

downward over a series of weirs, thus increasing the dissolved oxygen content of the body of water.

Solids: The accumulated solids separated from wastewater during processing. The precipitate or product from chemical treatment, coagulation, or sedimentation of wastewater.

Solids Content: The weight of total solids in sludge per unit total weight of sludge, expressed in percent. Water content plus solids content equal 100 percent.

Solids Processing: A variety of settling or filtering operations (grit and scum dewatering, raw sludge concentration, sludge stabilization, dewatered stabilized sludge air drying, for example) used to collect solid material from wastewater or other liquids for subsequent utilization.

Spoil Pile: Excavated materials such as soil and rock that are piled for storage as the result of canal construction activities.

Struvite: A salt precipitate of Magnesium, Ammonium, and Phosphate in wastewater treatment facilities which may build up to the level that cause operational blockages.

Suspended Solids: Solid material that either floats on the surface of, or contained in suspension in, wastewater or other liquids. This material is largely removed by settling or filtering processes at a treatment plant. (See Solids Processing, above.)

TARP (Deep Tunnel): The Tunnel and Reservoir Plan (TARP) improves water quality by capturing combined sewer overflows (CSOs), storing this polluted wastewater, and then pumping it to a treatment plant for processing.

Tertiary Treatment: The third stage of wastewater treatment which purifies the wastewater by removal of fine particles, nitrates, and phosphates with sand filtration. This process removes 99 percent of the impurities.

USEPA: The United States Environmental Protection Agency. This federal agency is responsible for setting the guidelines and policies related to wastewater effluents and solids disposal. The Illinois EPA issues the District's National Pollutant Discharge Elimination System permit and other regulatory constraints.

Utilization: Solids used for daily landfill cover, final cover for a landfill closure, and to reclaim severely disturbed soil such as strip-mining land.

Wastewater Treatment: Processes which involve physical removal of contaminants from the wastewater by use of coarse screens, fine screens, grit tanks and settling tanks (primary treatment); further treatment via aeration and clarification (secondary treatment); and in some cases, the physical or chemical separation and removal of impurities from secondary-treated effluent (tertiary treatment).

Wetlands: Areas which are inundated by surface or groundwater at a frequency which maintains saturation. The wetlands can be natural (marshes, bogs, swamps, for example) or man-made.

ACRONYMS

ALD	Analytical Laboratories Division	kWh	kilowatt-hour
AMS	Asset Management Section	KWRP	Kirie Water Reclamation Plant
ASCE	American Society of Civil Engineers	LASMA	Lawndale Avenue Solids Management Area
BOD	Biochemical Oxygen Demand	LF	Linear Feet
BMP	Best Management Practices	LIMS	Laboratory Information Management System
CAFR	Comprehensive Annual Financial Report	LPH	Lockport Powerhouse
CALSMA	Calumet Solids Management Area	LSSS	Local Sewer Systems Section
CAWS	Chicago Area Waterway System	LWRP	Lemont Water Reclamation Plant
CBOD	Carbonaceous Biochemical Oxygen Demand	mg/l	Milligrams per liter
CIBF	Capital Improvements Bond Fund	M&O	Maintenance & Operations
CIP	Capital Improvement Program	M&R	Monitoring & Research
CPI	Consumer Price Index	MBE	Minority-owned Business Enterprise
CPR	Cardio-Pulmonary Resuscitation	MGD	Millions of Gallons per Day
CSA	Calumet Service Area	MMS	Maintenance Management System
CSO	Combined Sewer Overflow	MOB	Main Office Building – 100 E. Erie St., Chicago, Illinois
CUP	Chicago Underflow Plan	MOBA	Main Office Building McMillan Pavilion – 111 E. Erie St., Chicago, Illinois
CWRP	Calumet Water Reclamation Plant	MOBC	Main Office Building Complex – MOB & MOBA
CY	Cubic Yards	MOP	Manual of Procedures
DCS	Distributed Control System	MSC	Material Service Corporation
DO	Dissolved Oxygen	MSPS	Mainstream Pumping Station
DT	Dry Tons	MWRD	Metropolitan Water Reclamation District
DWP	Detailed Watershed Plan	NAA	Net Assets Applicable
EAP	Employee Assistance Program	NACWA	National Association of Clean Water Agencies
EAV	Equalized Assessed Valuation	NBP	National Biosolids Partnership
EBPR	Enhanced Biological Phosphorus Removal	NBPS	North Branch Pumping Station
EEO	Equal Employment Opportunity	NCBP	Non-Core Business Projects
EQ	Exceptional Quality	NPDES	National Pollutant Discharge Elimination System
EWRP	Egan Water Reclamation Plant	NSA	North Service Area
F&D	Furnish and Deliver	NSWRP	North Side Water Reclamation Plant (renamed OWRP)
FD&I	Furnish, Deliver, and Install	OM&R	Operations, Maintenance, & Replacement costs
FESOP	Federally Enforceable State Operating Permit	OPEB	Other Postemployment Benefits
FMLA	Family Medical Leave Act	OSHA	Occupational Safety and Health Administration
FOIA	Freedom of Information Act	OWRP	O'Brien Water Reclamation Plant (formerly known as NSWRP)
FTE	Full-Time Equivalent	PBF	Public Budget Formulation
GAAP	Generally Accepted Accounting Principles	PJM	Pennsylvania-New Jersey- Maryland Interconnection service provider for marketing electricity
GASB	Government Accounting Standards Board	P&MM	Procurement & Materials Management
GFOA	Government Finance Officers Association	PO	Purchase Order
GIP	Green Infrastructure Program	PPO	Participating Provider Option
GIS	Geographic Information System	PPRT	Personal Property Replacement Tax
GPS	Global Positioning System	PS	Pumping Station
HASMA	Harlem Avenue Solids Management Area	PST	Primary Settling Tank
HPWRP	Hanover Park Water Reclamation Plant	RAPS	Racine Avenue Pumping Station
HSOM	High Strength Organic Materials	RAS	Return Activated Sludge
HVAC	Heating, Ventilation, and Air Conditioning	RFP	Request for Proposal
I/I	Infiltration/Inflow	RMIS	Risk Management Information System
IAS	Instream Aeration Station	SAN	Storage Area Network
IEPA	Illinois Environmental Protection Agency	SAP	SAP is a German computer software firm
IGA	Intergovernmental Agreement		
iPACS	The internet-based Publicly owned treatment works Administration and Compliance System		
IRS	Internal Revenue Service		
IT	Information Technology		
ITD	Information Technology Department		
IU	Industrial Users		
IWD	Industrial Waste Division		

ACRONYMS (continued)

SBE	Small Business Enterprise
SBP	Strategic Business Plan
SEPA	Sidestream Elevated Pool Aeration stations
SIU	Significant Industrial User
SPO	Sewer Permit Ordinance
SRF	State Revolving Fund loan program
SS	Suspended Solids
SSA	Stickney Service Area
SSMP	Small Streams Maintenance Program
SWCO	Sewage and Waste Control Ordinance
SWRP	Stickney Water Reclamation Plant
TARP	Tunnel and Reservoir Plan
TGM	Technical Guidance Manual
TIF	Tax Increment Financing district
UCO	User Charge Ordinance
USEPA	United States Environmental Protection Agency
UV	Ultraviolet
VFD	Variable Frequency Drive
WASSTRIP®	Waste Activated Sludge Stripping to Remove Internal Phosphorus
WBE	Women-owned Business Enterprise
WEFTEC	Water Environment Federation Technical Exhibition and Conference
WMO	Watershed Management Ordinance
WRP	Water Reclamation Plant

NOTE PAGE



Metropolitan Water Reclamation District of Greater Chicago Historical Information And Milestones

- 1837** Chicago was incorporated as a city. The city's primary source of drinking water is Lake Michigan. Due to poor drainage and discharges to Lake Michigan, water-borne diseases plagued the city throughout the 1800s.
- 1856** Sewers were constructed to collect the city's wastewater. These sewers emptied into the Chicago River, ultimately becoming a health hazard.
- 1885** A torrential rainstorm flushed pollution from the river into Lake Michigan prompting public concern for ways to safeguard the quality of the drinking water.
- 1886** A Drainage and Water Supply Commission was created to study the growing problem of contamination of the city's water supply.
- 1889** Illinois Legislature passed an act enabling the establishment of the Sanitary District of Chicago to keep sewage pollution out of Lake Michigan. Referendum passed creating the Sanitary District of Chicago.
- 1892** Ground was broken on the 28-mile Main Channel of the Sanitary and Ship Canal. The canal would reverse the flow of the Chicago River by linking it to the Des Plaines River, and thus prevent pollution of Lake Michigan by the river.
- 1900** Main Channel of the Sanitary and Ship Canal opened.
- 1907** Main Channel Extension including Lockport Powerhouse and Lock completed.
- 1910** North Shore Channel completed.
- 1919** District's Board of Commissioners passed an ordinance committing the District to the construction and operation of treatment plants.
- 1922** The 16-mile Calumet-Sag Channel became operational; Calumet Treatment Plant placed into operation.
- 1928** North Side Treatment Plant placed into operation.
- 1930** U.S. Supreme Court Decree issued reducing diversion of Lake Michigan in steps. Effective January 1, 1939, diversion reduced to 1,500 cubic feet per second; West Side Treatment Plant placed into operation.
- 1939** Southwest Treatment Plant placed into operation.
- 1949** West and Southwest Treatment Plants combined.
- 1955** District's name changed to the Metropolitan Sanitary District of Greater Chicago (MSDGC); the Chicago Sewage Disposal System named one of the Seven Wonders of Modern Engineering by the American Society of Civil Engineers (ASCE), recognizing the size of the system, including intercepting sewers, treatment plants, and waterways.
- 1956** Referendum, enabled by legislation, passed adding 412 square miles to the District.
- 1961** Lemont Treatment Plant placed into operation.
- 1963** Hanover Park Treatment Plant placed into operation.
- 1969** Board adopted the Sewage and Waste Control Ordinance, prohibiting any waste discharge into Lake Michigan.
- 1971** Fulton County "Prairie Plan" began whereby abandoned strip-mines were reclaimed into agriculturally productive land; won "Special Civil Engineering Achievement Award" in 1974 from the ASCE.
- 1972** District adopted the Tunnel and Reservoir Plan (TARP) as recommended by a committee of representatives from the state, city, county, and MSDGC. The plan provided for the collection, transportation, storage, and treatment of combined rainwater and sewage that in periods of heavy rain overflowed into waterways, underpasses, and basements.
- 1975** Construction began on the 31-mile Mainstream tunnel system; Egan Treatment Plant placed into operation.
- 1977** Construction began on the Calumet tunnel system.
- 1980** O'Hare Treatment Plant (later renamed Kirie Water Reclamation Plant) and Upper Des Plaines TARP tunnel system placed into operation.
- 1985** Mainstream tunnel system placed into operation, capable of storing one billion gallons of combined sewage and stormwater; TARP Mainstream System, Phase I, received award for "Outstanding Civil Engineering Achievement" from the ASCE.
- 1986** TARP received awards for "Outstanding Civil Engineering Achievement" and "Outstanding Civil Engineering Achievement of Past 100 Years in Illinois"; 9.2-mile Calumet tunnel system placed into operation.
- 1988** Water quality improvements recognized as causing increased real estate development along the waterway system; construction began on the Des Plaines TARP tunnel.
- 1989** District celebrated its 100th anniversary. As part of the Centennial Celebration, the District changed its name to the Metropolitan Water Reclamation District of Greater Chicago and dedicated the Centennial Fountain.
- 1990** Army Corps of Engineers and the District began construction of the O'Hare-CUP Reservoir, the first of three reservoirs in the TARP program.
- 1992-1994** District's five Sidestream Elevated Pool Aeration Stations (SEPA) completed along the Calumet River system. These stations add oxygen to the waterways to enhance the aquatic environment. The District received "Outstanding Civil Engineering Achievement" in 1994 by ASCE for these projects.
- 1998** O'Hare-CUP Reservoir placed into operation, capable of storing 350 million gallons of combined sewage and stormwater; North Branch tunnel placed into operation.
- 1999** Des Plaines tunnel placed into operation; construction began on the McCook Reservoir.
- 2000** District celebrated the 100th anniversary of the reversal of the Chicago River and completed a century of protecting Chicago's water environment; construction began on Thornton Transitional Reservoir.
- 2003** Construction began on the major capital improvement program for the Calumet, North Side, and Stickney Water Reclamation Plants.
- 2004** By an act of the Illinois Legislature, the District became responsible for stormwater management in Cook County.
- 2006** TARP Phase I 109-mile tunnel system completed; all four TARP tunnel systems in operation.
- 2007** District celebrated 100th anniversary of the Lockport Powerhouse and Dam.
- 2009** Construction of the Thornton Composite Reservoir began.
- 2010** District celebrated the 100th anniversary of the North Shore Channel.
- 2012** North Side Water Reclamation Plant renamed Terrence J. O'Brien Water Reclamation Plant.
- 2013** Board adopted the Watershed Management Ordinance, establishing uniform and minimum stormwater regulations throughout Cook County.
- 2014** District celebrated its 125th anniversary.
- 2015** Disinfection facility at the Calumet Water Reclamation Plant placed into operation. Thornton Composite Reservoir placed into operation.
- 2016** Phosphorus recovery facility placed into operation at the Stickney Water Reclamation Plant; implemented an ultraviolet disinfection process at the O'Brien Water Reclamation Plant; Board adopted the Resource Recovery Ordinance, which provides legal framework for resource recovery initiatives.
- 2017** Phase I of the McCook Reservoir completed.

BUILDING A RESILIENT COOK COUNTY

Flooding continues to be a major issue in Cook County, and since 2011 the District's stormwater management program has been aggressively working to minimize flooding damage by helping communities with local flooding issues, acquiring flood-prone properties, and partnering with municipalities and other local governments on large capital and green infrastructure projects.

Heritage Park, Wheeling

Completed in 2015, the Heritage Park Flood Control Facility in Wheeling provides compensatory storage for the Army Corps of Engineers' Levee 37, which protects over 600 homes and businesses along the Des Plaines River. The facility also provides local stormwater detention and was completed in coordination with the Wheeling Park District's master plan for recreational improvements.



Green Infrastructure, Blue Island

In 2014 and 2015, the District designed and constructed green infrastructure improvements in Blue Island to address urban flooding. These improvements included the construction of six rain gardens and two permeable parking areas.

Wescott Park, Northbrook

The District funded a control system for a 7.5 million gallon underground detention vault constructed at Wescott Park by the Village of Northbrook. The control system enables the use of stored stormwater to irrigate the park instead of entering the local sewer system. The project was completed in 2016.



Streambank Stabilization, Crestwood

To increase the conveyance capacity and stabilize eroded streambanks of Tinley Creek in Crestwood, in 2017 the District completed construction of a flood control and streambank stabilization project which will protect 173 structures, an existing bike path, a commercial building, two pedestrian bridges, and a potable water structure.

Addison Creek Reservoir, Bellwood

To reduce overbank flooding that impacts thousands of structures along Addison Creek from Northlake to Broadview, the District is constructing a 600 acre-foot reservoir which will include control and inlet structures, a spillway, and pump station. This project will be completed in 2020.



Albany Park Tunnel, Chicago

A partnership with the city of Chicago, the Albany Park Tunnel project includes an inlet structure on the North Branch of the Chicago River, an 18 foot diameter rock tunnel, and an outlet on the North Shore Channel. This project, which will reduce overbank flooding that impacts 336 structures, will be completed in 2018.



**Metropolitan Water Reclamation District
of Greater Chicago**

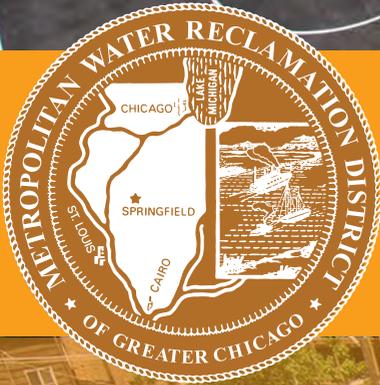
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mwrdd.org

Front cover: James Wadsworth Elementary School's parking lot was transformed using green infrastructure elements through the Space to Grow partnership with the Chicago Public Schools, Chicago Department of Water Management, Healthy Schools Campaign, and Openlands.

**James Wadsworth Elementary School
AFTER**



**Metropolitan Water Reclamation District
of Greater Chicago**

2018 Budget

BUILDING A RESILIENT COOK COUNTY

Tentative Budget

**The 2018 Executive Director's Recommendations
(previously printed) and Amendments Herein**

November 21, 2017



**James Wadsworth Elementary School
BEFORE**



GOVERNMENT FINANCE OFFICERS ASSOCIATION

*Distinguished
Budget Presentation
Award*

PRESENTED TO

**Metropolitan Water Reclamation District of Chicago
Illinois**

For the Fiscal Year Beginning

January 1, 2017

Christopher P. Morill

Executive Director

The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to Metropolitan Water Reclamation District of Greater Chicago, Illinois for its Annual Budget for the fiscal year beginning January 1, 2017. 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

2018 Budget

BUILDING A RESILIENT COOK COUNTY

Tentative Budget

The 2018 Executive Director's Recommendations
(previously printed) and Amendments Herein
November 21, 2017

Officers

David St. Pierre
Executive Director

Mary Ann Boyle
Treasurer

Allison Fore
Public and Intergovernmental Affairs Officer

Darlene A. LoCascio
Director of Procurement and Materials Management

Eileen M. McElligott
Administrative Services Officer

Susan T. Morakalis
General Counsel

John P. Murray
Director of Maintenance and Operations

Catherine A. O'Connor
Director of Engineering

Edward W. Podczerwinski
Director of Monitoring and Research

Beverly K. Sanders
Director of Human Resources

John H. Sudduth
Director of Information Technology

Jacqueline Torres
Clerk/Director of Finance

Board of Commissioners



Seated, from left to right:

Barbara J. McGowan
Vice President

Mariyana T. Spyropoulos
President

Frank Avila
Chairman of Finance

Standing, from left to right:

David J. Walsh

Kari K. Steele

Debra Shore

Timothy Bradford

Josina Morita

Martin J. Durkan

The Tentative 2018 Budget for the Metropolitan Water Reclamation District of Greater Chicago consists of the Executive Director’s Recommendations (previously published on October 17, 2017) and amendments approved by the Committee on Budget and Employment on November 2, 2017. 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 2, 2017 Committee on Budget and Employment meeting. All changes are highlighted.

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Metropolitan Water Reclamation District of Greater Chicago

100 EAST ERIE STREET

CHICAGO, ILLINOIS 60611-3154

312.751.5600

The Honorable Mariyana T. Spyropoulos
And Members of the Board of Commissioners
OFFICE

November 21, 2017

Honorable Ladies and Gentlemen:

The 2018 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 17, 2017. A hearing on these recommendations was conducted on November 2, 2017, when the Executive Director and his Executive Team presented 2017 accomplishments and initiatives included in the 2018 Budget. The Executive Director presented a financial summary of the 2018 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 56.2 percent. The District continues to expand Stormwater Management efforts that will build a resilient Cook County.



The first stage of the McCook Reservoir is scheduled to open in late 2017, providing 3.5 billion gallons of storage capacity. The final stage of the TARP system is scheduled to be completed in 2029.

Budget Message

In 2018, the District’s budget priorities continue to be guided by the Strategic Business Plan, *Recovering Resources, Transforming Water*, adopted in 2015. In 2017, we continued to implement strategies to meet our goals and long-term vision. In late 2017, the final phase of the historic Tunnel and Reservoir Plan (TARP) is set to begin with the opening of the first stage of the McCook Reservoir with a storage capacity of 3.5 billion gallons.



Streambank stabilization along Tinley Creek in Crestwood.

We have another year of experience with phosphorus recovery at the Stickney Water Reclamation Plant (WRP) and disinfection at the O’Brien and Calumet WRPs. We completed five stormwater pilot studies throughout Cook County, examining numerous engineering techniques to help communities solve local flooding issues. The successes of 2017 have prepared us to meet our next challenges with a focus on community partnerships to address local flooding issues and build a resilient Cook County.

We are pleased to present the 2018 Tentative Budget, which represents a comprehensive plan to meet the Strategic Business Plan’s goals in a fiscally responsible manner. The Corporate Fund budget remains virtually flat to the 2017 appropriation, decreasing by 0.6 percent, as we continue to prioritize spending while controlling cost increases. Our capital program continues to utilize a mix of funding options including low interest State Revolving Fund loans, bonds, and pay-as-you-go funding, providing the best value for taxpayers while modernizing our

water reclamation plants and investing in Cook County infrastructure. The total appropriation request decreases by 0.4 percent from 2017.

Building a Resilient Cook County

The 2018 budget highlights the District's commitment to reduce flooding. The Stormwater Management Fund budget recommendation is a \$20.1 million increase over the 2017 appropriation that will further our investment in flood control projects and continue to support local stormwater issues.

The Stormwater Management Program is aggressively working to minimize flooding damage caused by historic rain patterns consisting of intense, short bursts that overwhelm community systems. 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. Green infrastructure projects can maximize environmental and community benefits at a lower overall cost than traditional gray infrastructure. Project design utilizing outcome engineering provides a design framework that will utilize the best technologies for each site while providing the best taxpayer value.

The 2018 budget recommendation includes \$26.7 million for intergovernmental agreements to fund cost-shared local green infrastructure and traditional stormwater projects. In July 2017, the District received 50 project applications for new local Green Infrastructure projects. Examples of the projects that the District is actively partnering with local governments or has recently completed include the following:

- The District will continue the successful Space to Grow Program with the Chicago Department of Water Management, Chicago Public Schools, the Healthy Schools Campaign, and Openlands, transforming schoolyards with green infrastructure. Five schools were completed in 2015 and 2016 with a retention capacity of 753,152 gallons per rain event. Construction will begin on six additional schools beginning in 2018.
- The District has partnered with the Village of Robbins to develop a plan for stormwater improvements to address flooding along Midlothian Creek impacting approximately 140 acres and over 100 homes. Since flooding issues were identified as a significant barrier to economic opportunities in the Village, a holistic approach to stormwater management has been developed to serve as a catalyst for positive socioeconomic change.
- The Heritage Park Flood Control project in Wheeling was completed in coordination with the Wheeling Park District's master plan for recreational improvements while providing compensatory storage for the Army Corps of Engineers' Levee 37, protecting over 600 homes and businesses.
- Green infrastructure improvements in Blue Island, including two permeable parking areas and rain gardens, address urban flooding.
- An underground detention control system at Wescott Park in Northbrook enables stored stormwater to irrigate the park instead of entering the local sewer system.
- Streambank stabilization along Tinley Creek in Crestwood will protect 173 structures, pedestrian bridges, and an existing bike path.
- To reduce overbank flooding that impacts structures along Addison Creek from Northlake to Broadview, the District is constructing a 600 acre-foot flood control reservoir in Bellwood. This project will be completed in 2020.
- In partnership with the City of Chicago, the Albany Park Tunnel project will provide an 18 foot diameter rock tunnel from the North Branch of the Chicago River to the North Shore Channel to reduce overbank flooding that impacts 336 structures.

Environmental Leadership

The District has continued its environmental leadership focus with a commitment to improving water quality of the Chicago Area Waterway System (CAWS). In 2016, five of seven water reclamation plants received National Association for Clean Water Agencies Platinum Peak Performance Awards for maintaining 100.0 percent compliance with National Pollutant Discharge Elimination Permits, while all plants received awards. All seven plants have earned 99.6 percent or higher compliance since 2007 and similar results anticipated for 2017. Disinfection upgrades were implemented at the Calumet WRP in 2015, and an ultraviolet radiation disinfection system was introduced at the O'Brien WRP in 2016.

As water quality continues to improve, recreational activities are growing. During 2017, the District introduced a mapping tool to help the public understand the health of the CAWS, making monitoring data available to the public. The application can be found at gispub.mwrd.org/awqa and covers water quality, fish monitoring, and continuous dissolved oxygen and pinpoints these



A trail at the Heritage Park Flood Control Facility, which was facilitated through an intergovernmental agreement between the District, the Wheeling Park District, and the Village of Wheeling.

data to a map of sampling stations. The Citizen Incident Reporting Application, found on the District’s website or via a mobile application, allows citizens to report incidents of odors, stream blockages, and other environmental-related issues. Dispatchers monitor both the online reporting system and a hotline 24 hours per day.

Resource Recovery

The District understands the obligation to implement sustainable practices and has invested in research and development of resource recovery programs. In 2017, the District continued both phosphorus and nitrogen recovery, which will provide significant environmental benefits to the CAWS and downstream through the Mississippi River to the Gulf of Mexico. Excess phosphorus in waterways can cause algae to grow and bloom, creating toxic conditions that destroy aquatic life and severely limit recreational activities. Phosphorus recovery at the Stickney WRP began in 2016 while we are working toward implementation at the Calumet WRP by 2022.



Recreational use of local waterways is growing. The District’s new interactive mapping tool keeps users informed of local water quality.



From L to R: Franklin Park Village Trustee Andy Ybarra, MWRD Managing Civil Engineer Ahmad Laban, MWRD Commissioner Kari Steele, Franklin Park Village President Barrett Pedersen, Franklin Park Utilities Deputy Commissioner Andrew Smolen, and MWRD Environmental Soil Scientist Dominic Brose check out the sunflowers in Franklin Park’s new garden that rose from a bed of MWRD biosolids to astonishing heights.

order to reach our goal of energy neutrality by 2023. In addition to implementing a food-to-energy program that will maximize use of digester capacity, the District is marketing electrical capacity at the Lockport Powerhouse, optimizing aeration processes that will reduce energy consumption by 25 percent, and introducing solar thermal and sewer thermal systems to heat water at the water reclamation plants.

Financial Summary

The District continues to maintain a AAA bond rating with 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. Further illustrating the District’s commitment to sustainable capital program funding, the Bond Redemption & Interest Fund Tentative Budget includes a prepayment of \$28.4 million on several State Revolving Fund loans that will result in \$9.6 million in interest savings. These accomplishments, in the midst of an uncertain Illinois financial environment, are outstanding achievements and speak to the careful, thoughtful management of the agency as directed by the District’s Board of Commissioners.

The 2018 Tentative 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 has been

During 2018, we will continue to pursue water reuse applications for high quality water produced at our plants in the Stickney and Calumet industrial corridors. We have made our first water sale. Chicago is a tough market for water reuse but we continue to pursue this road to promote the value of water and encourage a circular economy.

The District’s Exceptional Quality (EQ) biosolids and EQ biosolids blend that is composted with wood chips continue to be successful compost products. 2017 is the first year EQ is recognized by the State of Illinois to be a viable, marketable product. The District began to sell compost to the public this year while continuing to support villages, park districts, and non-profit organizations. Our efforts included delivering 110 tons of compost to the Park District of Ford Heights for the construction of a youth baseball field and 127 tons to a park in Franklin Park. Biosolids can be used anywhere that soil amendments and chemical fertilizers are used. In 2018, we plan to continue growing sales of our compost to private partners. This produces some revenue and considerable saving for the District in handling costs.

During 2018, the District will continue to evaluate and design treatment processes to optimize energy efficiency in

aggressive over the past year in addressing some of the primary drivers of the budget, including energy costs, personnel and health care costs, and unfunded pension liabilities.

The 2018 budget continues our conservative fiscal management and include the policies, objectives, and resources to allow the District to remain true to our core mission of protecting our water environment and the health of the residents of Cook County.

The District’s appropriation and tax levy for 2018 Tentative Budget, compared to the 2017 Budget as Adjusted is:

	<u>2018</u>	<u>2017 (Adjusted)</u>	<u>Increase (Decrease)</u>	<u>Percent Change</u>
Total Tax Levy	\$620,737,284	\$598,705,062	\$22,032,222	3.7%
Aggregate Levy	\$329,699,997	\$319,555,195	\$10,144,802	3.2%
Appropriation	\$1,137,968,186	\$1,142,749,813	(\$4,781,627)	(0.4%)

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 2018 aggregate levy is equal to the estimated CPI plus new property for 2018.

Conclusion

Please take the time to review the 2018 update to the Strategic Business Plan in full, included in the Executive Director’s Recommendations. The challenges are many. Our role is clear. We are committed as an agency to continue providing the excellent service expected of the District. We are raising the bar on water quality initiatives, recovering resources, neutralizing energy usage, and managing stormwater. In 2018, we will continue to implement our Strategic Business Plan as we build a resilient Cook County.

Respectfully submitted,



Kari K. Steele
Chairman, Committee on Budget and Employment



Debra Shore
Vice-Chairman, Committee on Budget and Employment

Budget Message / Highlights

Major Budget Amendments Impacting the 2018 Tentative Budget

The 2018 Executive Director’s Recommendations were presented to the Board of Commissioners on October 17, 2017 according to the budget process detailed on pages 30-32 of the 2018 Executive Director’s Recommendations. The purpose of this section is to discuss the impacts of budgetary amendments between the Executive Director’s Recommendations and the Tentative Budget. The proposed changes were discussed at the Committee on Budget and Employment departmental budget presentations on November 2, 2017.

The total appropriation increased by \$26,088,700 from the 2018 Executive Director’s Recommendations of \$1,111,879,486 to \$1,137,968,186 due to the increases in the Construction Fund and the Capital Improvements Bond Fund. No changes to the property tax levies or user fees were necessary to support these increases. Line item adjustments in the proposed Corporate Fund appropriations are self-balancing and do not increase the overall appropriation request. The Stormwater Management Fund, Reserve Claim Fund, Bond Redemption & Interest Fund, and Retirement Fund are presented without modification from the 2018 Executive Director’s Recommendations.

Revised budget pages present estimated balance sheets and appropriable revenue for the Capital Improvements Bond Fund and estimated balance sheets for the Construction Fund due to changes in the project schedules and cost estimates.

	Appropriations			
	2018 Executive Director’s Recommendations	2018 Tentative Budget	Increase (Decrease)	Percent Change
Corporate Fund	\$ 366,579,800	\$ 366,579,800	\$ -	-
Construction Fund	24,794,100	24,842,100	48,000	0.2%
Capital Improvements Bond Fund	278,427,700	304,468,400	26,040,700	9.4%
Stormwater Management Fund	65,880,200	65,880,200	-	-
Retirement Fund	89,604,000	89,604,000	-	-
Reserve Claim Fund	30,289,500	30,289,500	-	-
Bond Redemption & Interest Fund	256,304,186	256,304,186	-	-
Total Budget	\$ 1,111,879,486	\$ 1,137,968,186	\$26,088,700	2.3%

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 2018. The total appropriation request for the Corporate Fund is \$366,579,800, unchanged from the 2018 Executive Director’s Recommendations. The net zero changes in the proposed appropriation are due to changes in cost estimates and personnel.

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 is \$304,468,400, an increase of \$26,040,700, or 9.4 percent, from the 2018 Executive Director’s Recommendations. The changes in the proposed appropriation are due to the addition of \$15,000,000 for a project related to the digester gas rehabilitation and gas piping replacement at the Stickney Water Reclamation Plant and changes in the project schedules and cost estimates.

Construction Fund

The Construction Fund finances smaller construction projects on a pay-as-you-go basis. The total appropriation request for the Construction Fund is \$24,842,100, an increase of \$48,000, or 0.2 percent, from the 2018 Executive Director’s Recommendations. The changes in the proposed appropriation are due a \$28,000 increase in the estimate for an applicant tracking system and a \$20,000 increase related to the timing of a planned air conditioning unit replacement.

CHICAGO, November 21, 2017

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 she 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, 2018 and ending December 31, 2018, as prepared and submitted by the Executive Director in the document entitled "2018 Budget – Executive Director's Recommendations – October 17, 2017," 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, 2018, 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 she 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, 2018 and ending December 31, 2018";

and

"An Ordinance for the Levy of Taxes for the fiscal year beginning January 1, 2018 and ending December 31, 2018, 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, 2018, 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, 2018 and ending December 31, 2018, 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, 2018, 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, 2018 and ending December 31, 2018, 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, 2018 and ending December 31, 2018, 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, 2018, 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, 2018 and ending December 31, 2018, 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, 2018, 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, 2018 and ending December 31, 2018”;

and

“An Ordinance for the Levy of Taxes for the fiscal year beginning January 1, 2018 and ending December 31, 2018 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, 2018, 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, 2018 and ending December 31, 2018, 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, 2018, 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, 2018 and ending December 31, 2018, 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, 2018 and ending December 31, 2018, 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, 2018, for the purpose of providing revenues for the Reserve Claim Fund”;

Approved as to Form and Legality:



Head Assistant Attorney



General Counsel

and

“An Ordinance for the Levy of Taxes for the fiscal year beginning January 1, 2018 and ending December 31, 2018, 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, 2018, 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 2018 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, 2018 and ending December 31, 2018;

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 2018 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, 2018 and ending December 31, 2018, shall be published once before January 20, 2018, in a newspaper having general circulation within the territorial limits of the Metropolitan Water Reclamation District of Greater Chicago;

and it is further

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

Respectfully submitted,



Chairman,
Committee on Budget and Employment

COMPARATIVE STATEMENT OF APPROPRIATIONS AND TAX LEVIES 2018-2016 ALL FUNDS

APPROPRIATIONS	2018 **	2017 AS PASSED	2017 AS ADJUSTED *	2016 ACTUAL
FUND				
Corporate Fund	\$ 366,579,800	\$ 368,925,800	\$ 368,925,800	\$ 366,260,700
Construction Fund	24,842,100	34,450,400	34,450,400	36,614,400
Capital Improvements Bond Fund ***	304,468,400	354,625,600	354,625,600	483,764,800
Stormwater Management Fund	65,880,200	45,800,100	45,800,100	40,500,800
Retirement Fund	89,604,000	79,505,000	79,505,000	70,772,000
Reserve Claim Fund	30,289,500	30,617,100	30,617,100	30,175,900
Bond Redemption & Interest Fund	256,304,186	228,825,813	228,825,813	216,047,130
TOTAL	\$1,137,968,186	\$1,142,749,813	\$1,142,749,813	\$1,244,135,730
LEVIES				
Corporate Fund	\$ 247,965,800	\$ 223,946,065	\$ 223,946,065	\$ 226,742,879
Construction Fund	4,200,000	17,000,000	16,270,995	13,784,956
Stormwater Management Fund	47,826,000	40,856,008	40,856,008	34,250,000
Retirement Fund	71,534,197	73,438,135	73,438,135	65,161,200
Reserve Claim Fund	6,000,000	5,900,000	5,900,000	5,800,000
Subtotal	\$ 377,525,997	\$ 361,140,208	\$ 360,411,203	\$ 345,739,035
Bond Redemption & Interest Fund:				
Capital Improvement Bonds - Series:				
June 2016 QECB Series F	\$ 165,804	\$ 165,804	\$ 165,804	\$ 165,803
August 2009 Limited Tax Series	35,564,767	35,564,767	35,564,767	35,564,767
July 2011 Limited Tax Series B	28,911,239	41,406,315	41,406,315	20,230,925
July 2011 Unlimited Tax Series C	4,184,800	3,981,898	3,981,898	7,622,520
December 2014 Limited Tax Series C	6,763,472	3,240,156	3,240,156	15,540,933
December 2014 Unlimited Tax Series A	5,181,348	5,181,348	5,181,348	5,181,347
2014 Alt Rev Unlimited Tax Series B ****	3,390,570	3,389,171	3,389,171	3,387,824
2016 Alt Rev Unlimited Tax Series E ****	2,590,674	2,590,674	2,590,674	2,590,674
Alternate Revenue Abatement ****	-	-	-	(5,978,498)
June 2016 Unlimited Tax Series C	1,554,405	1,554,405	1,554,405	1,554,404
June 2016 Limited Tax Series D	1,036,270	1,036,270	1,036,270	1,036,269
State Revolving Fund Bonds - Series: Various	84,878,285	72,765,937	77,172,673	70,808,592
Refunding Bonds - Series:				
March 2007 Unlimited Tax Series A	26,623,057	26,509,845	26,509,845	25,279,534
March 2007 Unlimited Tax Series B	4,996,749	4,996,749	4,996,749	4,996,749
March 2007 Limited Tax Series C	5,541,607	5,541,607	5,541,607	5,541,607
December 2014 Limited Tax Series D	15,130,830	9,264,767	9,264,767	15,494,041
June 2016 Unlimited Tax Series A	14,555,959	14,555,959	14,555,959	14,555,959
June 2016 Limited Tax Series B	2,141,451	2,141,451	2,141,451	2,141,451
Subtotal Bond Redemption & Interest Fund	\$ 243,211,287	\$ 233,887,123	\$ 238,293,859	\$ 225,714,901
TOTAL	\$ 620,737,284	\$ 595,027,331	\$ 598,705,062	\$ 571,453,936
Abatement after the budget year ****	(5,981,244)	(5,979,845)	(5,979,845)	
Total (after planned abatement)	\$ 614,756,040	\$ 589,047,486	\$ 592,725,217	

NOTES: * As Adjusted reflects the 2016 Equalized Assessed Valuation (EAV) (\$140,752,201,171) estimated to increase 3.0 percent, plus any subsequent supplemental levies and/or appropriations.

** 2018 reflects an estimated 3.0 percent increase in the EAV from the 2017 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
2018-2016 ALL FUNDS**

Per \$100 in Equalized Assessed Valuation (EAV)

FUND	2018 **	2017 AS PASSED	2017 AS ADJUSTED *	2016 ACTUAL
	tax rate limit			
Corporate Fund	41 ¢	16.61 ¢	16.20 ¢	15.45 ¢
Construction Fund	10 ¢	0.28	1.23	1.12
Stormwater Management Fund	5 ¢	3.20	2.96	2.82
Retirement Fund		4.79	5.31	5.07
Reserve Claim Fund	½ ¢	0.40	0.43	0.41
Subtotal	25.28 ¢	26.13 ¢	24.87 ¢	24.56 ¢
Bond Redemption & Interest Fund:				
Capital Improvement Bonds - Series:				
June 2016 Q E C B Series F	0.01 ¢	0.01 ¢	0.01 ¢	0.01 ¢
August 2009 Limited Tax	2.38	2.57	2.45	2.53
July 2011 Limited Tax Series B	1.94	3.00	2.86	1.44
July 2011 Unlimited Tax Series C	0.28	0.29	0.27	0.54
December 2014 Limited Tax Series C	0.45	0.23	0.22	1.10
December 2014 Unlimited Tax Series A	0.35	0.37	0.36	0.37
2014 Alt Rev Unlimited Tax Series B ***	0.23	0.25	0.23	0.24
2016 Alt Rev Unlimited Tax Series E ***	0.17	0.19	0.18	0.18
Alternate Revenue Abatement ***	-	-	-	(0.42)
June 2016 Unlimited Tax Series C	0.10	0.11	0.11	0.11
June 2016 Limited Tax Series D	0.07	0.07	0.07	0.07
State Revolving Fund Bonds - Series:				
Various	5.68	5.26	5.32	5.03
Refunding Bonds - Series:				
March 2007 Unlimited Tax Series A	1.78	1.92	1.83	1.80
March 2007 Unlimited Tax Series B	0.33	0.36	0.34	0.36
March 2007 Limited Tax Series C	0.37	0.40	0.38	0.39
December 2014 Limited Tax D	1.01	0.67	0.64	1.10
June 2016 Unlimited Tax Series A	0.97	1.05	1.00	1.03
June 2016 Limited Tax B	0.14	0.15	0.15	0.15
Subtotal Bond Redemption & Interest Fund	16.26 ¢	16.90 ¢	16.42 ¢	16.03 ¢
TOTAL	41.54 ¢	43.03 ¢	41.29 ¢	40.59 ¢

NOTES: * As Adjusted reflects the 2016 EAV (\$140,752,201,171) estimated to increase 3.0 percent, plus any subsequent supplemental levies and/or appropriations.

** 2018 reflects an estimated 3.0 percent increase in the EAV from the 2017 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
2018 - 2017 ALL FUNDS**

ORGANIZATION OR FUND	Account Appropriation		Increase (Decrease) 2018 - 2017	
	2018	2017*	Dollars	Percent
Board of Commissioners	\$ 4,650,500	\$ 4,496,300	\$ 154,200	3.4
General Administration	16,343,500	17,387,400	(1,043,900)	(6.0)
Monitoring & Research	31,637,100	31,270,400	366,700	1.2
Procurement & Materials Management	9,383,500	9,567,100	(183,600)	(1.9)
Human Resources	59,106,300	60,905,400	(1,799,100)	(3.0)
Information Technology	16,903,400	17,358,600	(455,200)	(2.6)
Law	7,417,700	8,386,100	(968,400)	(11.5)
Finance	3,680,300	3,684,400	(4,100)	(0.1)
Maintenance & Operations:				
General Division	25,848,100	26,761,600	(913,500)	(3.4)
North Service Area	41,903,200	42,055,300	(152,100)	(0.4)
Calumet Service Area	36,005,200	37,210,100	(1,204,900)	(3.2)
Stickney Service Area	85,851,100	81,007,700	4,843,400	6.0
TOTAL Maintenance & Operations	<u>\$ 189,607,600</u>	<u>\$ 187,034,700</u>	<u>\$ 2,572,900</u>	<u>1.4</u>
Engineering	27,849,900	28,835,400	(985,500)	(3.4)
TOTAL Corporate Fund	<u>\$ 366,579,800</u>	<u>\$ 368,925,800</u>	<u>\$ (2,346,000)</u>	<u>(0.6)</u>
Construction Fund	24,842,100	34,450,400	(9,608,300)	(27.9)
Capital Improvements Bond Fund	304,468,400	354,625,600	(50,157,200)	(14.1)
TOTAL Capital Budget	<u>\$ 329,310,500</u>	<u>\$ 389,076,000</u>	<u>\$ (59,765,500)</u>	<u>(15.4)</u>
Stormwater Management Fund	65,880,200	45,800,100	20,080,100	43.8
Bond Redemption & Interest Fund	256,304,186	228,825,813	27,478,373	12.0
Retirement Fund	89,604,000	79,505,000	10,099,000	12.7
Reserve Claim Fund	30,289,500	30,617,100	(327,600)	(1.1)
GRAND TOTAL	<u><u>\$1,137,968,186</u></u>	<u><u>\$1,142,749,813</u></u>	<u><u>\$ (4,781,627)</u></u>	<u><u>(0.4)</u></u>

*Adjusted Appropriation

PERSONNEL SUMMARY COMPARISON
2018 - 2016 ALL FUNDS

ORGANIZATION OR FUND	Proposed FTEs 2018	Budgeted FTEs 2017	Actual FTEs 2016	Increase (Decrease) 2018 - 2017	
				FTEs	Percent
Board of Commissioners	38	38	38	-	-
General Administration	121	123	121	(2)	(1.6)
Monitoring & Research	315	309	305	6	1.9
Procurement & Materials Management	63	63	62	-	-
Human Resources	91	141	73	(50)	(35.5)
Information Technology	73	75	64	(2)	(2.7)
Law	37	38	36	(1)	(2.6)
Finance	28	28	28	-	-
Maintenance & Operations:					
General Division	106	115	86	(9)	(7.8)
North Service Area	245	247	256	(2)	(0.8)
Calumet Service Area	185	188	196	(3)	(1.6)
Stickney Service Area	367	372	385	(5)	(1.3)
TOTAL Maintenance & Operations	903	922	923	(19)	(2.1)
Engineering	242	246	242	(4)	(1.6)
TOTAL Corporate Fund	1,911	1,983	1,892	(72)	(3.6)
Construction Fund	-	-	-	-	-
Capital Improvements Bond Fund	-	-	-	-	-
TOTAL Capital Budget	-	-	-	-	-
Stormwater Management Fund	57	59	59	(2)	(3.4)
Bond Redemption & Interest Fund	-	-	-	-	-
Retirement Fund	-	-	-	-	-
Reserve Claim Fund	-	-	-	-	-
GRAND TOTAL	1,968	2,042	1,951	(74)	(3.6)

ALL FUNDS
SUMMARY OF REVENUE, EXPENDITURES, AND NET ASSETS APPROPRIABLE (b)
2018 BUDGETED, 2017 ESTIMATED, AND 2016 ACTUAL

(In Thousands)

	FUND							TOTAL
	CORPORATE	CAPITAL IMPROVEMENTS BOND	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT (d)	BOND REDEMPTION & INTEREST (d)	RESERVE CLAIM (d)	
2018 BUDGETED								
Net Assets Appropriable	\$ 132,028.9	\$ (626,092.7)	\$ 14,802.1	\$ 26,050.8	\$ 89,604.0	\$ 249,533.6	\$ 29,989.5	\$ (84,083.8)
Net Assets Appropriated	\$ 30,885.8	\$ (626,092.7)	\$ 14,802.1	\$ 26,050.8	\$ 89,604.0	\$ 249,533.6	\$ 29,989.5	\$ (185,226.9)
Revenue	335,694.0	930,561.1	10,040.0	39,829.4	-	6,770.6	300.0	1,323,195.1
Appropriation	\$ 366,579.8	\$ 304,468.4	\$ 24,842.1	\$ 65,880.2	\$ 89,604.0	\$ 256,304.2	\$ 30,289.5	\$ 1,137,968.2
2017 ESTIMATED								
Beginning Net Assets Appropriable as adjusted (c)	\$ 142,061.5	\$ (549,041.4)	\$ 6,384.0	\$ 13,843.2	\$ 79,505.0	\$ 224,536.5	\$ 31,455.6	\$ (51,255.6)
Revenue (a)	322,045.2	153,769.5	24,070.0	38,971.2	-	4,289.3	243.0	543,388.2
Adjustment for 2017 receipts	5,391.3	-	456.0	(500.1)	-	-	-	5,347.2
Expenditures	(337,469.1)	(230,820.8)	(16,107.9)	(26,263.5)	(79,505.0)	(228,825.8)	(9,626.3)	(928,618.4)
Ending Net Assets Appropriable	\$ 132,028.9	\$ (626,092.7)	\$ 14,802.1	\$ 26,050.8	\$ -	\$ -	\$ 22,072.3	\$ (431,138.6)
2016 ACTUAL								
Beginning Net Assets Appropriable as adjusted (c)	\$ 145,889.3	\$ (609,914.9)	\$ 13,467.8	\$ 10,163.7	\$ 70,772.0	\$ 211,354.6	\$ 30,210.0	\$ (128,057.5)
Revenue	331,601.0	314,839.6	14,060.3	33,339.1	-	4,292.7	405.2	698,537.9
Expenditures	(335,428.8)	(253,966.1)	(21,144.1)	(29,659.6)	(70,772.0)	(215,647.3)	(4,786.4)	(931,404.3)
Ending Net Assets Appropriable	\$ 142,061.5	\$ (549,041.4)	\$ 6,384.0	\$ 13,843.2	\$ -	\$ -	\$ 25,828.8	\$ (360,923.9)
Adjusted NAA 1/1/2017	\$ 147,452.8		\$ 6,840.0	\$ 13,343.1				
Adjustment (a)	\$ 5,391.3		\$ 456.0	\$ (500.1)				

(a) Adjustment to NAA required due to current 2017 estimate on collection of property tax levies and PPRT. See the Balance Sheets and Appropriable Revenue statements 1/1/2017 for the Corporate (pages 85-86), Construction (pages 92-93), and Stormwater Management (pages 96-97) Funds. The adjustment is reflected in the 2017 revenues.

(b) This statement is a summary presentation of pages 74-77, 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, Reserve Claim, and Bond Redemption & Interest 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
2018 BUDGETED**

(In Thousands)

	FUND							TOTAL
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	
REVENUE								
Net Assets Appropriable	\$ 132,028.9	\$ (626,092.7)	\$ 14,802.1	\$ 26,050.8	\$ 89,604.0	\$ 249,533.6	\$ 29,989.5	\$ (84,083.8)
Budget Reserve	(101,143.1)	-	-	-	-	-	-	(101,143.1)
Net Property Taxes	239,287.0	-	4,053.0	46,152.1	-	-	-	289,492.1
Personal Property Replacement Tax	19,849.5	-	-	-	-	-	-	19,849.5
Working Cash Borrowings Adjustment	(4,736.5)	-	(53.0)	(752.1)	-	-	-	(5,541.6)
Bond Sales (Present & Future)	-	773,566.6	-	-	-	-	-	773,566.6
Grants (Federal & State)	-	11,294.5	-	-	-	-	-	11,294.5
Investment Income	1,300.0	3,700.0	200.0	200.0	-	1,000.0	300.0	6,700.0
State Revolving Fund Loans	-	150,000.0	-	-	-	-	-	150,000.0
Property & Services	22,400.0	-	-	-	-	-	-	22,400.0
User Charge	46,000.0	-	-	-	-	-	-	46,000.0
TIF Differential Fee & Impact Fee	2,225.0	-	40.0	-	-	-	-	2,265.0
Equity Transfer	4,200.0	(10,000.0)	5,800.0	(5,770.6)	-	5,770.6	-	-
Resource Recovery	1,600.0	-	-	-	-	-	-	1,600.0
Miscellaneous	3,569.0	2,000	-	-	-	-	-	5,569.0
TOTAL REVENUE	\$ 366,579.8	\$ 304,468.4	\$ 24,842.1	\$ 65,880.2	\$ 89,604.0	\$ 256,304.2	\$ 30,289.5	\$ 1,137,968.2
EXPENDITURES								
Board of Commissioners	\$ 4,650.5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,650.5
General Administration	16,343.5	-	-	-	-	-	-	16,343.5
Monitoring & Research	31,637.1	-	-	-	-	-	-	31,637.1
Procurement & Materials Mgmt.	9,383.5	-	-	-	-	-	-	9,383.5
Human Resources	59,106.3	-	-	-	-	-	-	59,106.3
Information Technology	16,903.4	-	-	-	-	-	-	16,903.4
Law	7,417.7	-	-	-	-	-	-	7,417.7
Finance	3,680.3	-	-	-	-	-	-	3,680.3
Engineering	27,849.9	304,468.4	24,842.1	-	-	-	-	357,160.4
Maintenance & Operations	189,607.6	-	-	-	-	-	-	189,607.6
Stormwater Management Fund	-	-	-	65,880.2	-	-	-	65,880.2
Retirement Fund	-	-	-	-	89,604.0	-	-	89,604.0
Bond Redemption & Interest Fund	-	-	-	-	-	256,304.2	-	256,304.2
Reserve Claim Fund	-	-	-	-	-	-	30,289.5	30,289.5
TOTAL EXPENDITURES	\$ 366,579.8	\$ 304,468.4	\$ 24,842.1	\$ 65,880.2	\$ 89,604.0	\$ 256,304.2	\$ 30,289.5	\$ 1,137,968.2

* 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
2017 ESTIMATED**

(In Thousands)

	FUND							
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	TOTAL
REVENUE								
Net Assets Appropriable	\$ 142,061.5	\$ (549,041.4)	\$ 6,384.0	\$ 13,843.2	\$ 79,505.0	\$ 224,536.5	\$ 31,455.6	\$ (51,255.6)
Adjustment for Receipts	5,391.3	-	456.0	(500.1)	-	-	-	5,347.2
Net Property Taxes	216,108.0	-	16,405.0	39,426.0	-	-	-	271,939.0
Personal Property Replacement Tax	18,164.0	-	-	-	-	-	-	18,164.0
Working Cash Borrowings Adjustment	(4,272.0)	-	(205.0)	(626.0)	-	-	-	(5,103.0)
Bond Sales (Present & Future)	-	-	-	-	-	-	-	-
Grants (Federal & State)	-	11,294.5	-	-	-	-	-	11,294.5
Investment Income	1,093.0	3,475.0	125.0	122.0	-	1,020.0	243.0	6,078.0
State Revolving Fund Loans	-	150,000.0	-	-	-	-	-	150,000.0
Property & Services	22,050.2	-	-	-	-	-	-	22,050.2
User Charge	47,000.0	-	-	-	-	-	-	47,000.0
TIF Differential Fee & Impact Fee	11,725.0	-	745.0	-	-	-	-	12,470.0
Equity Transfer	6,000	(13,000)	7,000	-	-	3,269.3	-	3,269.3
Miscellaneous	4,177.0	2,000.0	-	49.2	-	-	-	6,226.2
TOTAL REVENUE	\$ 469,498.0	\$ (395,271.9)	\$ 30,910.0	\$ 52,314.3	\$ 79,505.0	\$ 228,825.8	\$ 31,698.6	\$ 497,479.8
EXPENDITURES								
Board of Commissioners	\$ 4,241.2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,241.2
General Administration	16,110.9	-	-	-	-	-	-	16,110.9
Monitoring & Research	29,328.7	-	-	-	-	-	-	29,328.7
Procurement & Materials Mgmt.	8,931.9	-	-	-	-	-	-	8,931.9
Human Resources	54,292.4	-	-	-	-	-	-	54,292.4
Information Technology	15,201.4	-	-	-	-	-	-	15,201.4
Law	7,645.3	-	-	-	-	-	-	7,645.3
Finance	3,528.3	-	-	-	-	-	-	3,528.3
Engineering	25,243.8	230,820.8	16,107.9	-	-	-	-	272,172.5
Maintenance & Operations	172,945.2	-	-	-	-	-	-	172,945.2
Stormwater Management Fund	-	-	-	22,994.2	-	-	-	22,994.2
Retirement Fund	-	-	-	-	79,505.0	-	-	79,505.0
Bond Redemption & Interest Fund	-	-	-	-	-	228,825.8	-	228,825.8
Reserve Claim Fund	-	-	-	-	-	-	9,626.3	9,626.3
Equity Transfer	-	-	-	3,269.3	-	-	-	3,269.3
TOTAL EXPENDITURES	\$ 337,469.1	\$ 230,820.8	\$ 16,107.9	\$ 26,263.5	\$ 79,505.0	\$ 228,825.8	\$ 9,626.3	\$ 928,618.4

* 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.

**CAPITAL IMPROVEMENTS BOND FUND
ESTIMATED BALANCE SHEET
JANUARY 1, 2018 AND 2017**

	<u>ASSETS</u>		<u>2017</u>	
	<u>2018</u>		<u>AMOUNT</u>	<u>AVAILABLE FOR APPROPRIATION</u>
	<u>AMOUNT</u>	<u>AVAILABLE FOR APPROPRIATION</u>		
CURRENT ASSETS				
Cash & Investments	\$ 337,222,198	\$ 337,222,198	\$ 138,400,400	\$ 138,400,400
Grants Receivable	941,207	941,207	932,932	932,932
State Revolving Fund Loans Receivable	150,000,000	150,000,000	150,000,000	150,000,000
Total Current Assets	\$ 488,163,405	\$ 488,163,405	\$ 289,333,332	\$ 289,333,332
 LIABILITIES & FUND EQUITY				
CURRENT LIABILITIES				
Unpaid Bills:				
Contractual Services	\$ 73,937,199	\$ 73,937,199	\$ 73,761,112	\$ 73,761,112
Contracts Payable	1,040,318,906	1,040,318,906	833,423,020	833,423,020
Total Current Liabilities	\$ 1,114,256,105	\$ 1,114,256,105	\$ 907,184,132	\$ 907,184,132
Designated for Future Claims Liabilities	-	-	-	-
Total Liabilities	\$ 1,114,256,105	\$ 1,114,256,105	\$ 907,184,132	\$ 907,184,132
 ASSETS APPROPRIABLE				
Net Assets Appropriable		\$ (626,092,700)		\$ (617,850,800)
Net Assets Appropriated		(626,092,700)		(617,850,800)
Estimated Revenue		930,561,100		972,476,400
Total Assets Appropriable		\$ 304,468,400		\$ 354,625,600
FUND EQUITY	\$ (626,092,700)		\$ (617,850,800)	
Total Liabilities & Fund Equity	\$ 488,163,405		\$ 289,333,332	

CAPITAL IMPROVEMENTS BOND FUND
APPROPRIABLE REVENUE
2018 - 2015

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2018 BUDGET	2017 ADJUSTED	2017 BUDGET	2016	2015
Revenue from Money & Property					
Bond Sales (Present & Future)	\$ 773,566,600	\$ -	\$ 791,341,276	\$ 125,003,513	\$ -
Investment Income	3,700,000	3,475,000	3,000,000	2,395,116	2,278,586
Subtotal	\$ 777,266,600	\$ 3,475,000	\$ 794,341,276	\$ 127,398,629	\$ 2,278,586
Revenue from Miscellaneous Sources					
Federal & State Grants	\$ 11,294,500	\$ 11,294,482	\$ 11,135,124	\$ 11,233,702	\$ 11,165,154
State Revolving Fund Loans	150,000,000	150,000,000	180,000,000	173,739,000	180,840,600
Miscellaneous	2,000,000	2,000,000	-	2,468,262	2,481,873
Subtotal	\$ 163,294,500	\$ 163,294,482	\$ 191,135,124	\$ 187,440,964	\$ 194,487,627
Total Revenue	\$ 940,561,100	\$ 166,769,482	\$ 985,476,400	\$ 314,839,593	\$ 196,766,213
Other Financing Sources (Uses)					
Equity Transfer	\$ (10,000,000)	\$ (13,000,000)	\$ (13,000,000)	\$ -	\$ -
GRAND TOTAL	\$ 930,561,100	\$ 153,769,482	\$ 972,476,400	\$ 314,839,593	\$ 196,766,213

**CONSTRUCTION FUND
ESTIMATED BALANCE SHEET
JANUARY 1, 2018 AND 2017**

ASSETS

	2018		2017	
	AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
CURRENT ASSETS				
Cash & Investments	\$ 13,987,961	\$ 13,987,961	\$ 8,693,360	\$ 8,693,360
Taxes Receivable	16,405,000	16,454,139	16,019,000	16,071,140
Replacement Tax	-	-	1,100,000	1,100,000
Total Current Assets	\$ 30,392,961	\$ 30,442,100	\$ 25,812,360	\$ 25,864,500

LIABILITIES & FUND EQUITY

CURRENT LIABILITIES

Unpaid Bills:				
Contracts Payable	\$ 2,340,000	\$ 2,340,000	\$ 3,162,000	\$ 3,162,000
Contractual Services	1,300,000	1,300,000	-	-
Machinery & Equipment	-	-	297,100	297,100
Due to:				
Construction Working Cash Fund	12,000,000	12,000,000	12,000,000	12,000,000
Total Current Liabilities	\$ 15,640,000	\$ 15,640,000	\$ 15,459,100	\$ 15,459,100
Total Current Liabilities and Designations		\$ 15,640,000		\$ 15,459,100

ASSETS APPROPRIABLE FOR 2018 AND 2017

Net Assets Appropriable	\$ 14,802,100	\$ 10,405,400
Net Assets Appropriated	\$ 14,802,100	\$ 10,405,400
Estimated Revenue	10,040,000	24,045,000
Total Assets Appropriable	\$ 24,842,100	\$ 34,450,400

FUND EQUITY

Designated for Future Claims Liabilities	\$ -	\$ -
Undesignated	14,752,961	10,353,260
Total Fund Equity	\$ 14,752,961	\$ 10,353,260
Total Liabilities & Fund Equity	\$ 30,392,961	\$ 25,812,360

101 11000 - 69000	Fund: Corporate Department: All Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$174,014,295	\$187,174,100	\$187,034,300	\$124,854,359	\$173,860,600	\$186,173,000	\$186,154,400
601060	Compensation Plan Adjustments	6,882,781	7,744,700	7,744,700	5,623,641	7,244,300	6,540,100	6,558,700
601070	Social Security and Medicare Contributions	2,527,467	2,619,100	2,685,600	1,906,958	2,606,600	2,762,800	2,762,800
601080	Salaries of Nonbudgeted Employees	22,839	39,300	94,600	41,559	66,800	29,900	29,900
601090	Employee Claims	39,155	60,200	60,200	18,582	50,000	60,000	60,000
601100	Tuition and Training Payments	730,032	1,461,100	1,247,100	876,931	909,600	1,139,300	1,139,300
601250	Health and Life Insurance Premiums	43,224,069	46,705,100	46,681,100	31,033,134	42,484,100	46,455,800	46,455,800
601270	General Salary Adjustments	-	-	-	-	-	-	-
601300	Personal Services, N.O.C.	470,953	678,800	934,800	531,568	838,400	933,900	933,900
100	TOTAL PERSONAL SERVICES	227,911,590	246,482,400	246,482,400	164,886,731	228,060,400	244,094,800	244,094,800
612010	Travel	67,322	100,200	100,300	39,673	78,000	117,500	117,500
612030	Meals and Lodging	165,099	190,500	194,400	106,446	162,200	221,200	221,200
612040	Postage, Freight, and Delivery Charges	104,478	104,300	105,500	94,089	98,500	93,000	93,000
612050	Compensation for Personally-Owned Automobiles	212,283	207,300	212,300	108,114	151,300	203,600	203,600
612080	Motor Vehicle Operating Services	57,614	86,900	86,900	78,614	60,300	64,800	64,800
612090	Reprographic Services	56,304	153,500	153,500	144,085	119,800	140,900	140,900
612150	Electrical Energy	35,714,510	36,812,000	36,808,700	20,786,764	34,417,900	38,941,900	38,941,900
612160	Natural Gas	2,421,316	2,802,500	2,802,500	1,838,683	2,578,600	2,820,300	2,820,300
612170	Water and Water Services	1,904,037	1,749,800	1,749,800	1,229,381	1,726,000	1,803,900	1,803,900
612210	Communication Services	1,772,218	2,030,100	2,030,100	1,646,888	1,641,100	2,063,300	2,063,300
612240	Testing and Inspection Services	72,989	170,200	170,200	147,648	116,400	276,300	276,300
612250	Court Reporting Services	63,254	144,000	134,000	94,091	83,000	112,000	112,000
612260	Medical Services	121,997	123,700	123,700	116,750	89,700	97,300	97,300
612280	Subscriptions and Membership Dues	768,527	813,800	813,800	390,011	671,100	698,800	698,800
612290	Insurance Premiums	3,080,312	3,500,600	3,500,600	2,317,123	3,500,600	3,080,300	3,080,300
612330	Rental Charges	509,851	551,400	551,400	481,422	504,400	523,400	533,000
612340	Discount Loss	-	1,500	2,500	1,996	1,800	1,500	1,500
612360	Advertising	117,641	143,000	139,300	100,995	126,500	124,000	124,000

101 11000 - 69000	Fund: Corporate Department: All Division:	LINE ITEM ANALYSIS						
		2016		2017			2018	
		Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17
612370	Administration Building Operation	1,027,802	1,118,900	1,120,500	1,120,406	1,100,000	1,015,800	1,015,800
612390	Administration Building McMillan Pavilion Operation	662,841	738,800	842,500	842,384	830,000	645,700	645,700
612410	Governmental Service Charges	3,240,500	3,317,200	3,317,200	2,506,311	3,312,700	3,494,800	3,494,800
612420	Maintenance of Grounds and Pavements	809,167	968,300	968,300	877,898	795,500	1,013,500	1,013,500
612430	Payments for Professional Services	4,022,132	5,910,900	5,808,900	4,890,149	4,675,500	4,768,000	4,769,000
612440	Preliminary Engineering Reports and Studies	50,623	27,000	27,000	14,377	-	-	-
612490	Contractual Services, N.O.C.	1,066,592	1,685,800	1,685,800	1,285,364	1,287,200	1,605,600	1,605,600
612520	Waste Material Disposal Charges	9,259,656	10,955,000	10,955,000	10,864,385	9,729,600	10,894,000	10,894,000
612530	Farming Services	29,600	233,200	210,100	24,700	24,700	24,700	24,700
612590	Sludge Disposal	3,748,196	3,204,300	3,204,300	3,204,300	3,150,400	3,700,000	3,700,000
612600	Repairs to Collection Facilities	3,028,249	3,332,900	3,332,900	3,153,472	2,971,800	3,189,300	3,189,300
612620	Repairs to Waterway Facilities	41,332	93,200	93,200	86,517	67,100	89,900	89,900
612650	Repairs to Process Facilities	5,255,155	4,975,800	4,975,800	4,713,458	4,543,400	5,549,900	5,528,900
612670	Repairs to Railroads	444,795	302,600	302,600	284,582	220,900	368,700	368,700
612680	Repairs to Buildings	931,711	1,119,000	1,119,000	915,445	747,500	1,092,100	1,092,100
612760	Repairs to Material Handling and Farming Equipment	246,867	304,000	304,000	301,521	251,300	313,600	313,600
612780	Safety Repairs and Services	205,985	540,000	540,000	489,754	399,000	449,100	459,500
612790	Repairs to Marine Equipment	84,628	110,800	110,800	105,442	69,200	94,600	94,600
612800	Repairs to Office Furniture and Equipment	79,384	117,600	117,600	105,631	100,200	124,300	124,300
612810	Computer Equipment Maintenance	486,509	376,100	376,100	245,090	358,700	364,200	364,200
612820	Computer Software Maintenance	3,493,117	4,083,000	4,083,000	3,556,185	4,018,600	4,224,400	4,224,400
612840	Communications Equipment Maintenance (Includes Software)	768,518	814,200	813,000	706,575	795,200	758,700	758,700
612860	Repairs to Vehicle Equipment	521,013	645,700	672,500	588,243	478,100	611,100	611,100
612970	Repairs to Testing and Laboratory Equipment	356,699	425,600	425,600	390,503	382,700	356,500	356,500
612990	Repairs, N.O.C.	18,092	29,800	29,800	26,562	25,000	33,800	33,800
200	TOTAL CONTRACTUAL SERVICES	87,088,914	95,115,000	95,115,000	71,022,024	86,461,500	96,166,300	96,166,300

101 11000 - 69000	Fund: Corporate Department: All Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
		Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17
623030	Metals	124,721	185,000	164,000	112,918	147,600	139,300	139,300
623070	Electrical Parts and Supplies	1,810,919	2,167,000	2,296,800	2,120,289	2,122,600	2,327,800	2,327,800
623090	Plumbing Accessories and Supplies	1,000,706	1,064,400	1,054,400	835,669	959,700	1,135,700	1,135,700
623110	Hardware	105,478	122,000	122,000	93,919	111,500	102,200	102,200
623130	Buildings, Grounds, Paving Materials, and Supplies	298,098	542,500	542,500	424,058	470,600	629,300	629,300
623170	Fiber, Paper, and Insulation Materials	51,874	59,100	59,100	40,826	53,900	52,100	52,100
623190	Paints, Solvents, and Related Materials	58,206	62,000	62,000	50,201	61,200	57,900	57,900
623250	Vehicle Parts and Supplies	160,089	210,100	210,100	183,972	177,500	161,700	161,700
623270	Mechanical Repair Parts	1,665,570	2,448,000	2,628,000	2,560,604	2,258,000	2,691,600	2,691,600
623300	Manhole Materials	212	11,000	11,000	10,690	8,500	6,900	6,900
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	296,044	374,300	384,300	334,590	339,300	367,000	367,000
623530	Farming Supplies	31,073	39,000	39,000	36,144	31,600	41,700	41,700
623560	Processing Chemicals	9,760,627	13,724,400	13,441,400	13,347,598	10,616,400	12,938,200	12,938,200
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	948,191	1,020,600	1,020,600	946,837	951,500	988,200	988,200
623660	Cleaning Supplies	268,107	307,000	307,000	206,675	275,300	266,300	266,300
623680	Tools and Supplies	266,211	590,000	600,000	516,102	532,000	303,300	303,300
623700	Wearing Apparel	219,709	229,000	229,000	205,258	219,100	191,600	191,600
623720	Books, Maps, and Charts	23,777	25,100	26,100	14,430	15,600	20,900	20,900
623780	Safety and Medical Supplies	244,834	323,300	323,300	215,643	276,000	363,600	363,600
623800	Computer Software	206,613	339,400	339,400	89,339	255,300	143,100	143,100
623810	Computer Supplies	536,604	519,400	518,400	467,616	480,400	519,600	519,600
623820	Fuel	379,408	585,100	545,100	431,880	492,000	614,000	614,000
623840	Gases	55,799	70,000	91,000	85,302	67,400	71,200	71,200
623850	Communications Supplies	143,221	140,700	140,700	135,325	129,000	134,200	134,200
623860	Lubricants	218,467	265,000	268,200	151,718	236,300	247,500	247,500
623990	Materials and Supplies, N.O.C.	200,857	351,000	351,000	304,527	294,900	315,100	315,100
300	TOTAL MATERIALS AND SUPPLIES	19,075,415	25,774,400	25,774,400	23,922,132	21,583,200	24,830,000	24,830,000

101 11000 - 69000	Fund: Corporate Department: All Division:	LINE ITEM ANALYSIS						
		2016	2017			2018		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
634600	Equipment for Collection Facilities	44,177	50,000	50,000	45,129	45,200	44,200	44,200
634650	Equipment for Process Facilities	136,681	100,000	100,000	94,805	87,400	214,400	214,400
634810	Computer Equipment	19,259	45,000	45,000	37,164	40,000	-	-
634820	Computer Software	-	30,000	30,000	30,000	26,000	25,000	25,000
634840	Communications Equipment (Includes Software)	44,774	-	-	-	-	-	-
634860	Vehicle Equipment	5,597	10,000	10,000	-	-	-	-
634970	Testing and Laboratory Equipment	312,397	429,000	429,000	423,588	365,400	315,100	315,100
400	TOTAL MACHINERY AND EQUIPMENT	562,885	664,000	664,000	630,686	564,000	598,700	598,700
667130	Taxes on Real Estate	789,941	890,000	890,000	768,155	800,000	890,000	890,000
700	TOTAL FIXED AND OTHER CHARGES	789,941	890,000	890,000	768,155	800,000	890,000	890,000
TOTAL CORPORATE FUND		\$335,428,746	\$368,925,800	\$368,925,800	\$261,229,728	\$337,469,100	\$366,579,800	\$366,579,800

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.

101 11000	Fund: Corporate Department: Board of Commissioners Division:	LINE ITEM ANALYSIS						
		2016	2017			2018		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 3,518,620	\$ 3,621,200	\$ 3,621,200	\$ 2,423,542	\$ 3,540,000	\$ 3,640,300	\$ 3,640,300
601060	Compensation Plan Adjustments	45,801	34,500	34,500	8,222	12,100	37,700	37,700
601070	Social Security and Medicare Contributions	70,575	85,000	85,000	54,695	74,500	85,500	85,500
601100	Tuition and Training Payments	12,184	20,000	20,000	14,839	20,000	15,100	15,100
601300	Personal Services, N.O.C.	260,908	428,000	428,000	210,567	338,400	428,000	428,000
100	TOTAL PERSONAL SERVICES	3,908,088	4,188,700	4,188,700	2,711,864	3,985,000	4,206,600	4,206,600
612010	Travel	8,030	10,000	10,000	5,260	10,000	20,100	20,100
612030	Meals and Lodging	16,076	20,000	20,000	6,704	17,000	30,300	30,300
612280	Subscriptions and Membership Dues	32,015	36,100	36,100	36,100	36,100	38,600	38,600
612430	Payments for Professional Services	188,335	230,500	230,500	182,546	182,600	348,900	348,900
612490	Contractual Services, N.O.C.	435	1,000	1,000	435	500	500	500
200	TOTAL CONTRACTUAL SERVICES	244,891	297,600	297,600	231,045	246,200	438,400	438,400
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	4,610	10,000	10,000	8,766	10,000	5,500	5,500
300	TOTAL MATERIALS AND SUPPLIES	4,610	10,000	10,000	8,766	10,000	5,500	5,500
TOTAL BOARD OF COMMISSIONERS		\$ 4,157,589	\$ 4,496,300	\$ 4,496,300	\$ 2,951,676	\$ 4,241,200	\$ 4,650,500	\$ 4,650,500

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.

101 15000	Fund: Corporate Department: General Administration Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 9,849,649	\$ 10,854,800	\$ 10,840,500	\$ 7,337,224	\$ 10,341,100	\$ 10,748,000	\$ 10,748,000
601060	Compensation Plan Adjustments	819,495	950,700	950,700	563,697	785,000	791,500	791,500
601070	Social Security and Medicare Contributions	149,233	149,800	162,800	113,760	156,400	154,400	154,400
601080	Salaries of Nonbudgeted Employees	19,339	-	1,300	1,248	1,300	-	-
601100	Tuition and Training Payments	41,814	97,600	97,600	75,545	84,000	37,700	37,700
601270	General Salary Adjustments	-	-	-	-	-	-	-
100	TOTAL PERSONAL SERVICES	10,879,530	12,052,900	12,052,900	8,091,474	11,367,800	11,731,600	11,731,600
612010	Travel	6,997	10,000	10,000	4,979	8,700	7,200	7,200
612030	Meals and Lodging	10,597	17,000	17,000	10,425	14,800	11,000	11,000
612040	Postage, Freight, and Delivery Charges	94,758	95,500	95,500	84,984	90,000	84,800	84,800
612050	Compensation for Personally-Owned Automobiles	3,165	4,100	4,100	1,530	4,100	3,000	3,000
612080	Motor Vehicle Operating Services	55,519	83,500	83,500	77,992	58,300	62,700	62,700
612090	Reprographic Services	46,805	120,600	120,600	118,400	108,000	118,000	118,000
612150	Electrical Energy	357,394	365,000	361,700	173,252	340,000	340,000	340,000
612160	Natural Gas	26,776	35,000	35,000	13,548	24,000	24,000	24,000
612170	Water and Water Services	5,399	5,500	5,500	3,119	5,200	5,200	5,200
612210	Communication Services	3,000	3,000	3,000	3,000	3,000	3,000	3,000
612280	Subscriptions and Membership Dues	736,512	777,700	777,700	353,911	635,000	660,200	660,200
612330	Rental Charges	8,846	17,900	17,900	16,594	15,500	8,700	8,700
612360	Advertising	6,660	13,000	13,000	3,400	11,500	13,000	13,000
612370	Administration Building Operation	1,027,802	1,118,900	1,120,500	1,120,406	1,100,000	1,015,800	1,015,800
612390	Administration Building McMillan Pavilion Operation	662,841	738,800	842,500	842,384	830,000	645,700	645,700
612430	Payments for Professional Services	514,705	570,400	468,400	457,775	435,000	474,000	474,000
612490	Contractual Services, N.O.C.	198,040	340,000	340,000	224,340	297,500	328,300	328,300
612680	Repairs to Buildings	56,700	65,000	65,000	30,009	32,000	26,500	26,500
612800	Repairs to Office Furniture and Equipment	73,258	110,000	110,000	104,031	94,000	118,200	118,200
612840	Communications Equipment Maintenance (Includes Software)	17,784	17,800	17,800	17,784	17,800	17,800	17,800

101 15000	Fund: Corporate Department: General Administration Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
612860	Repairs to Vehicle Equipment	427,200	538,000	538,000	456,706	387,000	437,100	437,100
200	TOTAL CONTRACTUAL SERVICES	4,340,758	5,046,700	5,046,700	4,118,569	4,511,400	4,404,200	4,404,200
623070	Electrical Parts and Supplies	6,982	17,000	17,000	17,000	8,000	7,600	7,600
623090	Plumbing Accessories and Supplies	4,667	30,000	20,000	14,000	10,500	7,500	7,500
623110	Hardware	15,489	17,000	17,000	17,000	15,600	14,400	14,400
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	120,550	132,300	142,300	128,769	126,200	115,100	115,100
623660	Cleaning Supplies	1,063	2,000	2,000	1,100	1,200	1,300	1,300
623700	Wearing Apparel	35,416	30,000	30,000	29,900	27,000	28,400	28,400
623720	Books, Maps, and Charts	714	500	500	151	200	500	500
623800	Computer Software	8,614	-	-	-	-	-	-
623810	Computer Supplies	2,845	-	-	-	-	-	-
623990	Materials and Supplies, N.O.C.	52,736	59,000	59,000	50,867	43,000	32,900	32,900
300	TOTAL MATERIALS AND SUPPLIES	249,076	287,800	287,800	258,787	231,700	207,700	207,700
TOTAL GENERAL ADMINISTRATION		\$ 15,469,363	\$ 17,387,400	\$ 17,387,400	\$ 12,468,829	\$ 16,110,900	\$ 16,343,500	\$ 16,343,500

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

Fund: Corporate Dept: General Administration Division:		POSITION ANALYSIS				
		2016	2017		2018	
					RECOMMENDED BY COMMITTEE ON BUDGET/EMPLOYMENT	
PAY PLAN & GRADE	CLASS TITLE	ACTUAL FTEs	BUDGETED FTEs	APPROPRIATION IN DOLLARS	BUDGETED FTEs	APPROPRIATION IN DOLLARS
051	Executive Section					
EX07	Executive Director	1	1		1	
EX06	Secretary to Officer	2	2		2	
TOTAL	Executive Section	3	3	478,176.48	3	482,659.06
052	Diversity Section					
HP18	Diversity Administrator	1	1		1	
HP16	Senior Diversity Officer	2	2		2	
HP15	Compliance Officer #2 (Diversity Officer) (New Grade HP14)	4	3		1	
HP14	Diversity Officer	2	3		5	
HP11	Administrative Specialist	2	2		2	
HP09	Administrative Clerk	1	1		1	
TOTAL	Diversity Section	12	12	1,087,755.37	12	1,026,289.67
053	Administrative Services Division					
054	Administrative Services Section					
EX19	Administrative Services Officer	-	1		1	
HP22	Administrative Services Manager	1	-		-	
EX06	Secretary to Officer	-	1		1	
HP12	Administrative Assistant #2 (Administrative Specialist) (New Grade HP11)	1	-		-	
TOTAL	Administrative Services Section	2	2	297,268.70	2	333,125.25
060	Management & Budget Section					
061	Administrative Unit					
HP20	Budget Officer	1	1		1	
HP12	Administrative Assistant #2 (Administrative Specialist) (New Grade HP11)	1	-		-	
HP11	Administrative Specialist	-	1		1	
TOTAL	Administrative Unit	2	2	208,555.60	2	216,756.54
067	Central Budget Management Unit					
HP18	Supervising Budget & Management Analyst	1	1		1	

101 16000	Fund: Corporate Department: Monitoring & Research Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 25,359,611	\$ 27,752,300	\$ 27,680,300	\$ 18,668,452	\$ 26,364,600	\$ 28,819,500	\$ 28,819,500
601060	Compensation Plan Adjustments	635,144	687,700	687,700	653,747	687,700	606,900	606,900
601070	Social Security and Medicare Contributions	350,009	377,300	377,300	270,402	371,900	414,800	414,800
601080	Salaries of Nonbudgeted Employees	1,956	4,500	58,500	33,384	58,500	-	-
601100	Tuition and Training Payments	43,503	55,000	73,000	60,889	59,800	58,100	58,100
100	TOTAL PERSONAL SERVICES	26,390,223	28,876,800	28,876,800	19,686,875	27,542,500	29,899,300	29,899,300
612010	Travel	11,180	15,000	15,000	8,928	11,000	22,000	22,000
612030	Meals and Lodging	33,941	29,200	29,200	23,362	25,000	34,700	34,700
612040	Postage, Freight, and Delivery Charges	4,998	4,900	4,900	4,836	4,400	4,400	4,400
612050	Compensation for Personally-Owned Automobiles	27,389	25,000	25,000	19,264	22,500	27,300	27,300
612080	Motor Vehicle Operating Services	760	600	600	229	500	800	800
612090	Reprographic Services	148	600	600	-	500	100	100
612170	Water and Water Services	385	500	500	500	400	400	400
612330	Rental Charges	1,829	3,600	3,600	3,600	1,800	2,300	2,300
612410	Governmental Service Charges	17,000	17,000	17,000	13,600	17,000	67,000	67,000
612430	Payments for Professional Services	80,724	330,100	330,100	124,037	193,600	102,900	102,900
612490	Contractual Services, N.O.C.	176,806	515,400	515,400	298,515	300,000	319,900	319,900
612790	Repairs to Marine Equipment	24,258	50,800	50,800	49,175	20,400	29,600	29,600
612970	Repairs to Testing and Laboratory Equipment	354,957	421,100	421,100	387,703	380,000	353,500	353,500
200	TOTAL CONTRACTUAL SERVICES	734,376	1,413,800	1,413,800	933,748	977,100	964,900	964,900
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	30,069	25,600	25,600	25,127	21,000	30,100	30,100
623530	Farming Supplies	27,393	34,000	34,000	31,534	27,000	38,000	38,000
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	308,038	405,600	405,600	363,472	336,700	354,900	354,900
623700	Wearing Apparel	12,796	16,100	16,100	15,282	11,000	10,200	10,200
623720	Books, Maps, and Charts	1,734	900	1,900	1,884	1,900	600	600
623810	Computer Supplies	4,783	2,200	1,200	-	1,200	2,400	2,400
623820	Fuel	9,427	14,800	14,800	11,281	7,500	9,400	9,400
623990	Materials and Supplies, N.O.C.	33,132	57,600	57,600	47,276	43,200	37,200	37,200

101 16000 Fund: Corporate Department: Monitoring & Research Division:		LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
300	TOTAL MATERIALS AND SUPPLIES	427,371	556,800	556,800	495,856	449,500	482,800	482,800
634970	Testing and Laboratory Equipment	312,397	423,000	423,000	417,851	359,600	290,100	290,100
400	TOTAL MACHINERY AND EQUIPMENT	312,397	423,000	423,000	417,851	359,600	290,100	290,100
TOTAL MONITORING & RESEARCH		\$ 27,864,367	\$ 31,270,400	\$ 31,270,400	\$ 21,534,331	\$ 29,328,700	\$ 31,637,100	\$ 31,637,100

NOTES: 1. Amounts may not add up due to rounding.
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Fund: Corporate Dept: Monitoring & Research Division:		POSITION ANALYSIS				
		2016	2017		2018	
					RECOMMENDED BY COMMITTEE ON BUDGET/EMPLOYMENT	
PAY PLAN & GRADE	CLASS TITLE	ACTUAL FTEs	BUDGETED FTEs	APPROPRIATION IN DOLLARS	BUDGETED FTEs	APPROPRIATION IN DOLLARS
HP15	Associate Environmental Research Scientist	1	-		-	
HP15	Environmental Research Scientist	-	2		2	
HP15	Associate Mechanical Engineer	1	3		2	
TOTAL	Process Facilities Capital Planning Section	11	17	1,926,934.95	16	1,839,856.46
TOTAL	Environmental Monitoring & Research Division	86	92	8,422,138.89	94	8,755,876.52
160	Analytical Laboratories Division					
161	Analytical Laboratories Administrative Section					
HP22	Assistant Director of Monitoring & Research	-	1		1	
HP21	Assistant Director of Monitoring & Research	1	-		-	
HP18	Supervising Environmental Chemist	-	1		1	
HP17	Quality Assurance Coordinator	1	-		-	
HP17	Senior Environmental Chemist	1	1		1	
HP17	Senior Environmental Chemist #1	-	-		1	
HP15	Associate Environmental Chemist	1	-		-	
HP15	Environmental Chemist	-	1		2	
HP13	Senior Administrative Specialist	1	1		1	
HP12	Administrative Assistant #2 (Administrative Specialist) (New Grade HP11)	1	1		-	
HP11	Administrative Specialist	-	-		1	
TOTAL	Analytical Laboratories Administrative Section	6	6	744,156.40	8	960,908.79
162	Stickney Analytical Laboratory Section					
HP18	Supervising Environmental Chemist	1	1		1	
HP17	Senior Environmental Chemist	1	1		2	
HP15	Associate Environmental Chemist	2	-		-	
HP15	Environmental Chemist	-	6		5	
HP14	Assistant Environmental Chemist	4	-		-	
HP14	Assistant Environmental Chemist #1	-	1		1	
HP13	Senior Laboratory Technician	3	3		3	
HP11	Administrative Specialist	1	1		1	

Account Number	Account Name	LINE ITEM ANALYSIS						
		2016		2017			2018	
		Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
101 20000	Fund: Corporate Department: Procurement & Materials Management Division:							
601010	Salaries of Regular Employees	\$ 5,065,472	\$ 5,555,300	\$ 5,555,300	\$ 3,600,859	\$ 5,240,300	\$ 5,532,700	\$ 5,532,700
601060	Compensation Plan Adjustments	45,780	141,000	141,000	57,529	112,000	98,700	98,700
601070	Social Security and Medicare Contributions	71,148	79,400	79,400	52,399	71,700	80,700	80,700
601100	Tuition and Training Payments	1,120	4,500	4,500	596	2,000	1,600	1,600
100	TOTAL PERSONAL SERVICES	5,183,520	5,780,200	5,780,200	3,711,383	5,426,000	5,713,700	5,713,700
612010	Travel	30	3,000	3,000	-	500	1,500	1,500
612030	Meals and Lodging	322	3,000	3,000	245	700	2,000	2,000
612050	Compensation for Personally-Owned Automobiles	1,874	2,300	2,300	810	1,400	1,900	1,900
612080	Motor Vehicle Operating Services	46	-	-	-	-	-	-
612360	Advertising	110,981	130,000	126,300	97,595	115,000	111,000	111,000
612680	Repairs to Buildings	1,484	3,800	3,800	3,300	3,800	6,500	6,500
612800	Repairs to Office Furniture and Equipment	1,204	2,200	2,200	1,600	1,200	1,200	1,200
612820	Computer Software Maintenance	1,580	-	-	-	-	-	-
612860	Repairs to Vehicle Equipment	4,794	7,700	11,400	10,820	7,700	7,700	7,700
200	TOTAL CONTRACTUAL SERVICES	122,314	152,000	152,000	114,369	130,300	131,800	131,800
623030	Metals	95,596	150,000	129,000	79,883	120,000	103,700	103,700
623070	Electrical Parts and Supplies	313,294	350,000	340,000	210,177	329,000	313,300	313,300
623090	Plumbing Accessories and Supplies	342,634	382,400	382,400	216,491	359,400	342,600	342,600
623110	Hardware	79,758	85,000	85,000	59,041	79,900	79,800	79,800
623130	Buildings, Grounds, Paving Materials, and Supplies	179,021	350,000	350,000	236,572	315,000	456,500	456,500
623170	Fiber, Paper, and Insulation Materials	42,200	45,000	45,000	34,726	41,400	42,200	42,200
623190	Paints, Solvents, and Related Materials	51,258	55,000	55,000	43,714	55,000	51,300	51,300
623250	Vehicle Parts and Supplies	12,108	10,000	10,000	7,357	10,000	10,500	10,500
623270	Mechanical Repair Parts	159,368	160,000	200,000	176,760	160,000	237,500	237,500
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	11,104	17,400	17,400	16,838	15,000	11,100	11,100
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	607,738	590,000	590,000	560,283	590,000	607,700	607,700

101 20000		Fund: Corporate Department: Procurement & Materials Management		LINE ITEM ANALYSIS				
Division:		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623660	Cleaning Supplies	263,317	300,000	300,000	202,063	270,000	263,300	263,300
623680	Tools and Supplies	72,971	80,000	90,000	89,954	80,000	73,000	73,000
623700	Wearing Apparel	163,777	173,000	173,000	152,361	173,000	145,200	145,200
623780	Safety and Medical Supplies	66,016	90,000	90,000	74,290	86,400	100,000	100,000
623810	Computer Supplies	47,986	76,600	76,600	42,279	59,600	48,000	48,000
623820	Fuel	185,881	270,300	230,300	128,207	210,300	265,900	265,900
623840	Gases	55,067	65,000	86,000	81,512	65,000	70,100	70,100
623850	Communications Supplies	6,627	8,100	8,100	5,798	8,100	8,100	8,100
623860	Lubricants	213,911	260,000	260,000	144,112	231,400	226,100	226,100
623990	Materials and Supplies, N.O.C.	52,093	117,100	117,100	117,078	117,100	52,100	52,100
300	TOTAL MATERIALS AND SUPPLIES	3,021,722	3,634,900	3,634,900	2,679,497	3,375,600	3,508,000	3,508,000
634650	Equipment for Process Facilities	-	-	-	-	-	30,000	30,000
400	TOTAL MATERIALS AND SUPPLIES	-	-	-	-	-	30,000	30,000
TOTAL PROCUREMENT & MATERIALS MGMT		\$ 8,327,556	\$ 9,567,100	\$ 9,567,100	\$ 6,505,250	\$ 8,931,900	\$ 9,383,500	\$ 9,383,500

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.

101 25000	Fund: Corporate Department: Human Resources Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 5,769,835	\$ 7,491,500	\$ 7,471,500	\$ 3,981,848	\$ 5,435,700	\$ 6,382,300	\$ 6,382,300
601060	Compensation Plan Adjustments	260,741	238,400	238,400	157,828	233,700	200,900	200,900
601070	Social Security and Medicare Contributions	99,569	101,200	121,200	90,026	115,600	133,600	133,600
601090	Employee Claims	39,155	60,200	60,200	18,582	50,000	60,000	60,000
601100	Tuition and Training Payments	357,755	741,800	509,800	424,454	345,100	553,600	553,600
601250	Health and Life Insurance Premiums	43,224,069	46,705,100	46,681,100	31,033,134	42,484,100	46,455,800	46,455,800
601300	Personal Services, N.O.C.	210,044	250,800	506,800	321,001	500,000	505,900	505,900
100	TOTAL PERSONAL SERVICES	49,961,169	55,589,000	55,589,000	36,026,873	49,164,200	54,292,100	54,292,100
612010	Travel	2,976	5,000	5,000	2,299	4,400	5,800	5,800
612030	Meals and Lodging	10,061	12,000	12,000	4,914	12,000	18,200	18,200
612040	Postage, Freight, and Delivery Charges	189	200	200	-	100	200	200
612050	Compensation for Personally-Owned Automobiles	2,230	4,400	4,400	360	3,900	2,200	2,200
612080	Motor Vehicle Operating Services	14	100	100	9	100	-	-
612250	Court Reporting Services	11,230	14,000	14,000	14,000	13,000	12,000	12,000
612260	Medical Services	121,997	123,700	123,700	116,750	89,700	97,300	97,300
612290	Insurance Premiums	3,080,312	3,500,600	3,500,600	2,317,123	3,500,600	3,080,300	3,080,300
612330	Rental Charges	23,759	23,500	23,500	6,575	16,500	26,700	26,700
612430	Payments for Professional Services	1,072,710	1,139,100	1,139,100	1,037,616	1,075,400	1,107,300	1,107,300
612490	Contractual Services, N.O.C.	43,617	62,900	62,900	54,211	54,000	46,400	46,400
612780	Safety Repairs and Services	85,071	172,000	172,000	149,603	150,000	135,100	135,100
612820	Computer Software Maintenance	14,200	20,000	20,000	-	-	-	-
200	TOTAL CONTRACTUAL SERVICES	4,468,367	5,077,500	5,077,500	3,703,460	4,919,700	4,531,500	4,531,500
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	14,581	58,500	58,500	45,295	58,000	58,300	58,300
623720	Books, Maps, and Charts	2,232	3,500	3,500	-	500	2,500	2,500
623780	Safety and Medical Supplies	90,562	173,000	173,000	100,188	148,100	193,500	193,500
623990	Materials and Supplies, N.O.C.	3,297	3,900	3,900	454	1,900	3,400	3,400
300	TOTAL MATERIALS AND SUPPLIES	110,671	238,900	238,900	145,937	208,500	257,700	257,700
634820	Computer Software	-	-	-	-	-	25,000	25,000
400	TOTAL MATERIALS AND SUPPLIES	-	-	-	-	-	25,000	25,000
TOTAL HUMAN RESOURCES		\$ 54,540,207	\$ 60,905,400	\$ 60,905,400	\$ 39,876,270	\$ 54,292,400	\$ 59,106,300	\$ 59,106,300

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

101 27000	Fund: Corporate Department: Information Technology Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 6,928,258	\$ 8,588,300	\$ 8,584,800	\$ 5,322,532	\$ 7,164,200	\$ 8,378,400	\$ 8,378,400
601060	Compensation Plan Adjustments	87,198	235,800	235,800	156,945	200,000	171,900	171,900
601070	Social Security and Medicare Contributions	96,288	106,700	110,200	77,343	106,100	119,900	119,900
601100	Tuition and Training Payments	13,483	86,700	86,700	27,997	49,900	66,000	66,000
100	TOTAL PERSONAL SERVICES	7,125,226	9,017,500	9,017,500	5,584,817	7,520,200	8,736,200	8,736,200
612010	Travel	476	400	500	446	500	800	800
612030	Meals and Lodging	1,058	1,500	1,400	890	900	2,400	2,400
612040	Postage, Freight, and Delivery Charges	287	-	1,200	800	600	500	500
612050	Compensation for Personally-Owned Automobiles	2,058	4,700	4,700	531	2,200	2,100	2,100
612210	Communication Services	1,078,326	1,422,400	1,422,400	1,039,515	1,095,700	1,177,600	1,177,600
612330	Rental Charges	331,336	325,500	325,500	276,907	306,900	325,500	325,500
612430	Payments for Professional Services	181,840	357,400	357,400	299,020	246,700	602,500	602,500
612490	Contractual Services, N.O.C.	2,750	20,000	20,000	-	20,000	49,600	49,600
612810	Computer Equipment Maintenance	486,509	376,100	376,100	245,090	358,700	364,200	364,200
612820	Computer Software Maintenance	3,472,181	4,057,600	4,057,600	3,550,874	4,013,200	4,216,900	4,216,900
612840	Communications Equipment Maintenance (Includes Software)	744,527	796,400	795,200	688,791	777,400	735,900	735,900
200	TOTAL CONTRACTUAL SERVICES	6,301,348	7,362,000	7,362,000	6,102,863	6,822,800	7,478,000	7,478,000
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	5,676	17,000	17,000	14,758	16,000	18,700	18,700
623720	Books, Maps, and Charts	166	-	-	-	-	-	-
623800	Computer Software	194,345	331,900	331,900	84,739	249,800	118,400	118,400
623810	Computer Supplies	465,659	423,500	423,500	415,526	406,200	431,500	431,500
623850	Communications Supplies	136,073	131,700	131,700	129,527	120,400	120,600	120,600
300	TOTAL MATERIALS AND SUPPLIES	801,920	904,100	904,100	644,549	792,400	689,200	689,200
634810	Computer Equipment	19,259	45,000	45,000	37,164	40,000	-	-
634820	Computer Software	-	30,000	30,000	30,000	26,000	-	-
634840	Communications Equipment (Includes Software)	44,774	-	-	-	-	-	-
400	TOTAL MACHINERY AND EQUIPMENT	64,034	75,000	75,000	67,164	66,000	-	-
TOTAL INFORMATION TECHNOLOGY		\$ 14,292,528	\$ 17,358,600	\$ 17,358,600	\$ 12,399,393	\$ 15,201,400	\$ 16,903,400	\$ 16,903,400

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.

101 30000	Fund: Corporate Department: Law Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 4,710,188	\$ 5,044,700	\$ 5,040,700	\$ 3,327,848	\$ 4,995,000	\$ 5,006,700	\$ 5,006,700
601060	Compensation Plan Adjustments	27,609	142,600	142,600	105,669	120,000	130,600	130,600
601070	Social Security and Medicare Contributions	65,357	66,400	70,400	49,408	68,000	73,000	73,000
601100	Tuition and Training Payments	11,382	14,000	14,000	6,206	13,000	14,000	14,000
100	TOTAL PERSONAL SERVICES	4,814,537	5,267,700	5,267,700	3,489,131	5,196,000	5,224,300	5,224,300
612010	Travel	2,390	6,000	6,000	2,054	5,000	5,000	5,000
612030	Meals and Lodging	3,085	7,500	12,500	5,553	11,500	13,000	13,000
612040	Postage, Freight, and Delivery Charges	943	1,000	1,000	949	900	1,000	1,000
612050	Compensation for Personally-Owned Automobiles	597	1,200	6,200	3,302	5,000	5,100	5,100
612090	Reprographic Services	3,358	25,000	25,000	19,386	5,000	17,000	17,000
612250	Court Reporting Services	4,763	80,000	70,000	30,091	20,000	50,000	50,000
612430	Payments for Professional Services	990,281	2,000,000	2,000,000	1,657,731	1,500,000	1,090,300	1,090,300
612490	Contractual Services, N.O.C.	78,210	90,000	90,000	79,333	89,000	103,800	103,800
200	TOTAL CONTRACTUAL SERVICES	1,083,627	2,210,700	2,210,700	1,798,399	1,636,400	1,285,200	1,285,200
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	5,489	5,000	5,000	3,025	3,500	5,500	5,500
623720	Books, Maps, and Charts	10,258	12,000	12,000	10,836	9,000	12,300	12,300
623990	Materials and Supplies, N.O.C.	661	700	700	-	400	400	400
300	TOTAL MATERIALS AND SUPPLIES	16,408	17,700	17,700	13,861	12,900	18,200	18,200
667130	Taxes on Real Estate	789,941	890,000	890,000	768,155	800,000	890,000	890,000
700	TOTAL FIXED AND OTHER CHARGES	789,941	890,000	890,000	768,155	800,000	890,000	890,000
TOTAL LAW		\$ 6,704,513	\$ 8,386,100	\$ 8,386,100	\$ 6,069,545	\$ 7,645,300	\$ 7,417,700	\$ 7,417,700

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 40000	Fund: Corporate Department: Finance Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 3,091,509	\$ 3,133,000	\$ 3,133,000	\$ 2,169,579	\$ 3,053,000	\$ 3,154,300	\$ 3,154,300
601060	Compensation Plan Adjustments	82,149	60,600	60,600	14,208	20,000	41,200	41,200
601070	Social Security and Medicare Contributions	43,939	50,600	50,600	31,024	42,500	46,000	46,000
601100	Tuition and Training Payments	22,189	26,000	26,000	8,080	16,000	30,000	30,000
100	TOTAL PERSONAL SERVICES	3,239,785	3,270,200	3,270,200	2,222,890	3,131,500	3,271,500	3,271,500
612010	Travel	3,098	4,100	4,100	770	3,100	12,800	12,800
612030	Meals and Lodging	3,570	5,300	4,300	2,031	4,300	13,600	13,600
612040	Postage, Freight, and Delivery Charges	45	200	200	20	200	100	100
612050	Compensation for Personally-Owned Automobiles	151	600	600	295	300	-	-
612090	Reprographic Services	2,190	2,300	2,300	2,298	2,300	2,300	2,300
612250	Court Reporting Services	47,262	50,000	50,000	50,000	50,000	50,000	50,000
612340	Discount Loss	-	1,500	2,500	1,996	1,800	1,500	1,500
612430	Payments for Professional Services	280,228	324,100	324,100	304,426	324,100	306,700	306,700
612490	Contractual Services, N.O.C.	1,015	1,100	1,100	-	1,100	1,500	1,500
612800	Repairs to Office Furniture and Equipment	4,922	5,400	5,400	-	5,000	4,900	4,900
200	TOTAL CONTRACTUAL SERVICES	342,481	394,600	394,600	361,836	392,200	393,400	393,400
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	12,258	18,400	18,400	5,611	3,900	13,400	13,400
623720	Books, Maps, and Charts	96	1,000	1,000	-	500	1,500	1,500
623800	Computer Software	1,920	-	-	-	-	-	-
623990	Materials and Supplies, N.O.C.	-	200	200	-	200	500	500
300	TOTAL MATERIALS AND SUPPLIES	14,274	19,600	19,600	5,611	4,600	15,400	15,400
TOTAL FINANCE		\$ 3,596,540	\$ 3,684,400	\$ 3,684,400	\$ 2,590,338	\$ 3,528,300	\$ 3,680,300	\$ 3,680,300

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

101 60000	Fund: Corporate Department: Maintenance & Operations Division: All Divisions	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 84,916,024	\$ 87,956,500	\$ 87,930,500	\$ 60,264,568	\$ 83,810,200	\$ 87,974,400	\$ 87,955,800
601060	Compensation Plan Adjustments	4,640,443	4,662,400	4,662,400	3,598,750	4,595,800	4,136,700	4,155,300
601070	Social Security and Medicare Contributions	1,234,467	1,228,000	1,254,000	910,631	1,247,500	1,271,300	1,271,300
601080	Salaries of Nonbudgeted Employees	1,544	34,800	34,800	6,927	7,000	29,900	29,900
601100	Tuition and Training Payments	126,273	265,500	265,500	164,937	199,800	239,200	239,200
100	TOTAL PERSONAL SERVICES	90,918,751	94,147,200	94,147,200	64,945,812	89,860,300	93,651,500	93,651,500
612010	Travel	19,247	34,700	34,700	10,028	22,800	30,300	30,300
612030	Meals and Lodging	53,986	70,000	70,000	39,201	51,000	71,000	71,000
612050	Compensation for Personally-Owned Automobiles	157,754	150,000	150,000	76,333	104,900	144,900	144,900
612080	Motor Vehicle Operating Services	862	1,700	1,700	324	1,300	900	900
612150	Electrical Energy	35,357,116	36,447,000	36,447,000	20,613,512	34,077,900	38,601,900	38,601,900
612160	Natural Gas	2,394,540	2,767,500	2,767,500	1,825,135	2,554,600	2,796,300	2,796,300
612170	Water and Water Services	1,894,889	1,740,600	1,740,600	1,222,562	1,717,200	1,795,000	1,795,000
612210	Communication Services	690,892	604,700	604,700	604,374	542,400	882,700	882,700
612240	Testing and Inspection Services	72,989	170,200	170,200	147,648	116,400	276,300	276,300
612330	Rental Charges	144,081	180,400	180,400	177,684	163,600	160,100	169,700
612410	Governmental Service Charges	3,223,500	3,300,200	3,300,200	2,492,711	3,295,700	3,427,800	3,427,800
612420	Maintenance of Grounds and Pavements	809,167	968,300	968,300	877,898	795,500	1,013,500	1,013,500
612430	Payments for Professional Services	457,012	720,000	720,000	713,500	595,800	534,400	535,400
612490	Contractual Services, N.O.C.	487,125	570,400	570,400	546,402	442,900	673,500	673,500
612520	Waste Material Disposal Charges	9,259,656	10,955,000	10,955,000	10,864,385	9,729,600	10,894,000	10,894,000
612530	Farming Services	29,600	233,200	210,100	24,700	24,700	24,700	24,700
612590	Sludge Disposal	3,748,196	3,204,300	3,204,300	3,204,300	3,150,400	3,700,000	3,700,000
612600	Repairs to Collection Facilities	3,028,249	3,332,900	3,332,900	3,153,472	2,971,800	3,189,300	3,189,300
612620	Repairs to Waterway Facilities	31,704	50,000	50,000	43,473	24,000	46,700	46,700
612650	Repairs to Process Facilities	5,255,155	4,975,800	4,975,800	4,713,458	4,543,400	5,549,900	5,528,900
612670	Repairs to Railroads	444,795	302,600	302,600	284,582	220,900	368,700	368,700
612680	Repairs to Buildings	873,528	1,050,200	1,050,200	882,136	711,700	1,059,100	1,059,100

101 60000	Fund: Corporate Department: Maintenance & Operations Division: All Divisions	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
612760	Repairs to Material Handling and Farming Equipment	246,867	304,000	304,000	301,521	251,300	313,600	313,600
612780	Safety Repairs and Services	120,914	368,000	368,000	340,152	249,000	314,000	324,400
612790	Repairs to Marine Equipment	60,370	60,000	60,000	56,267	48,800	65,000	65,000
612820	Computer Software Maintenance	5,156	5,400	5,400	5,311	5,400	7,500	7,500
612840	Communications Equipment Maintenance (Includes Software)	6,206	-	-	-	-	5,000	5,000
612860	Repairs to Vehicle Equipment	89,019	100,000	123,100	120,717	83,400	166,300	166,300
612990	Repairs, N.O.C.	8,598	20,000	20,000	17,850	16,600	25,000	25,000
200	TOTAL CONTRACTUAL SERVICES	68,971,173	72,687,100	72,687,100	53,359,634	66,513,000	76,137,400	76,137,400
623030	Metals	29,125	35,000	35,000	33,035	27,600	35,600	35,600
623070	Electrical Parts and Supplies	1,490,644	1,800,000	1,939,800	1,893,113	1,785,600	2,006,900	2,006,900
623090	Plumbing Accessories and Supplies	653,405	652,000	652,000	605,178	589,800	785,600	785,600
623110	Hardware	10,231	20,000	20,000	17,878	16,000	8,000	8,000
623130	Buildings, Grounds, Paving Materials, and Supplies	119,077	192,500	192,500	187,486	155,600	172,800	172,800
623170	Fiber, Paper, and Insulation Materials	9,674	14,100	14,100	6,100	12,500	9,900	9,900
623190	Paints, Solvents, and Related Materials	6,948	7,000	7,000	6,487	6,200	6,600	6,600
623250	Vehicle Parts and Supplies	147,982	200,100	200,100	176,615	167,500	151,200	151,200
623270	Mechanical Repair Parts	1,506,202	2,288,000	2,428,000	2,383,844	2,098,000	2,454,100	2,454,100
623300	Manhole Materials	212	11,000	11,000	10,690	8,500	6,900	6,900
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	50,808	49,600	49,600	46,789	45,700	48,900	48,900
623530	Farming Supplies	3,680	5,000	5,000	4,610	4,600	3,700	3,700
623560	Processing Chemicals	9,760,627	13,724,400	13,441,400	13,347,598	10,616,400	12,938,200	12,938,200
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	32,416	25,000	25,000	23,081	24,800	25,600	25,600
623660	Cleaning Supplies	3,728	5,000	5,000	3,512	4,100	1,700	1,700
623680	Tools and Supplies	189,823	500,000	500,000	421,033	442,500	220,300	220,300
623700	Wearing Apparel	714	2,400	2,400	1,215	1,600	1,300	1,300
623720	Books, Maps, and Charts	40	-	-	-	-	-	-

101 60000	Fund: Corporate Department: Maintenance & Operations Division: All Divisions	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623780	Safety and Medical Supplies	88,256	60,300	60,300	41,165	41,500	70,100	70,100
623800	Computer Software	1,733	7,500	7,500	4,601	5,500	24,700	24,700
623810	Computer Supplies	15,331	17,100	17,100	9,810	13,400	37,700	37,700
623820	Fuel	184,100	300,000	300,000	292,392	274,200	338,700	338,700
623840	Gases	732	5,000	5,000	3,790	2,400	1,100	1,100
623850	Communications Supplies	520	900	900	-	500	5,500	5,500
623860	Lubricants	4,556	5,000	8,200	7,606	4,900	21,400	21,400
623990	Materials and Supplies, N.O.C.	50,155	107,500	107,500	83,852	84,100	188,600	188,600
300	TOTAL MATERIALS AND SUPPLIES	14,360,719	20,034,400	20,034,400	19,611,479	16,433,500	19,565,100	19,565,100
634600	Equipment for Collection Facilities	44,177	50,000	50,000	45,129	45,200	44,200	44,200
634650	Equipment for Process Facilities	136,681	100,000	100,000	94,805	87,400	184,400	184,400
634860	Vehicle Equipment	5,597	10,000	10,000	-	-	-	-
634970	Testing and Laboratory Equipment	-	6,000	6,000	5,737	5,800	25,000	25,000
400	TOTAL MACHINERY AND EQUIPMENT	186,455	166,000	166,000	145,672	138,400	253,600	253,600
TOTAL MAINTENANCE & OPERATIONS		\$174,437,098	\$187,034,700	\$187,034,700	\$138,062,597	\$172,945,200	\$189,607,600	\$189,607,600

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.

101 66000	Fund: Corporate Department: Maintenance & Operations Division: General	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 8,369,715	\$ 12,422,700	\$ 12,396,700	\$ 8,299,053	\$ 11,487,700	\$ 11,566,000	\$ 11,547,400
601060	Compensation Plan Adjustments	494,632	505,800	505,800	384,134	495,400	609,100	627,700
601070	Social Security and Medicare Contributions	123,382	121,500	170,800	124,327	170,800	167,300	167,300
601080	Salaries of Nonbudgeted Employees	-	19,700	12,700	-	-	19,700	19,700
601100	Tuition and Training Payments	16,845	15,700	15,700	12,394	14,800	16,800	16,800
100	TOTAL PERSONAL SERVICES	9,004,574	13,085,400	13,101,700	8,819,909	12,168,700	12,378,900	12,378,900
612010	Travel	2,024	2,100	2,100	1,533	1,900	3,400	3,400
612030	Meals and Lodging	10,552	5,500	9,000	7,026	8,600	9,700	9,700
612050	Compensation for Personally-Owned Automobiles	4,099	9,400	15,400	12,595	15,400	7,100	7,100
612080	Motor Vehicle Operating Services	370	400	400	141	300	300	300
612150	Electrical Energy	73,294	77,700	77,700	41,203	67,500	75,600	75,600
612160	Natural Gas	6,521	8,100	8,100	5,406	7,600	8,600	8,600
612170	Water and Water Services	57,794	33,600	54,600	36,261	33,600	53,200	53,200
612210	Communication Services	202,385	200,700	200,700	200,518	163,000	276,300	276,300
612240	Testing and Inspection Services	13,822	14,100	14,100	6,359	13,300	13,800	13,800
612330	Rental Charges	8,320	10,900	17,800	16,894	15,200	8,600	8,600
612410	Governmental Service Charges	15,900	21,000	21,000	17,038	19,200	18,600	18,600
612420	Maintenance of Grounds and Pavements	647,087	698,200	698,200	662,258	615,000	679,700	679,700
612430	Payments for Professional Services	438,926	702,000	702,000	695,500	577,800	516,400	516,400
612490	Contractual Services, N.O.C.	168,355	213,300	197,600	192,150	192,700	222,500	222,500
612520	Waste Material Disposal Charges	7,835,630	9,372,500	9,260,600	9,187,654	8,200,000	9,402,000	9,402,000
612600	Repairs to Collection Facilities	996,897	949,100	911,100	902,125	902,200	940,100	940,100
612620	Repairs to Waterway Facilities	31,704	40,000	50,000	43,473	24,000	46,700	46,700
612650	Repairs to Process Facilities	8,919	31,500	31,500	14,400	14,400	14,300	14,300
612680	Repairs to Buildings	11,754	39,400	39,400	13,900	13,900	40,400	40,400
612760	Repairs to Material Handling and Farming Equipment	199,269	226,000	226,000	226,000	199,300	239,900	239,900
612780	Safety Repairs and Services	11,628	12,900	20,500	20,458	18,000	14,000	14,000
612790	Repairs to Marine Equipment	60,370	60,000	60,000	56,267	48,800	65,000	65,000
612820	Computer Software Maintenance	5,156	5,400	5,400	5,311	5,400	7,500	7,500
612860	Repairs to Vehicle Equipment	27,151	30,500	35,800	34,283	29,000	49,500	49,500

101 66000	Fund: Corporate Department: Maintenance & Operations Division: General	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
612990	Repairs, N.O.C.	1,075	3,400	3,400	1,700	2,200	3,500	3,500
200	TOTAL CONTRACTUAL SERVICES	10,839,000	12,767,700	12,662,400	12,400,452	11,188,300	12,716,700	12,716,700
623070	Electrical Parts and Supplies	9,265	15,000	15,000	11,800	11,800	10,600	10,600
623090	Plumbing Accessories and Supplies	11,242	10,000	10,000	6,773	9,300	11,000	11,000
623110	Hardware	1,967	4,100	4,100	3,000	3,100	2,000	2,000
623130	Buildings, Grounds, Paving Materials, and Supplies	32,294	56,000	56,000	52,627	53,400	47,000	47,000
623250	Vehicle Parts and Supplies	62,526	114,500	109,500	89,190	97,000	67,000	67,000
623270	Mechanical Repair Parts	50,606	117,300	96,300	92,196	90,300	91,600	91,600
623300	Manhole Materials	212	11,000	11,000	10,690	8,500	6,900	6,900
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	6,038	7,500	7,500	7,155	6,700	7,000	7,000
623530	Farming Supplies	3,680	5,000	5,000	4,610	4,600	3,700	3,700
623560	Processing Chemicals	118,507	359,000	359,000	358,801	336,000	197,000	197,000
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	20,116	-	-	-	-	-	-
623660	Cleaning Supplies	1,147	2,200	2,200	1,200	1,900	500	500
623680	Tools and Supplies	15,802	19,500	19,500	14,842	18,400	15,800	15,800
623700	Wearing Apparel	714	1,500	1,600	1,215	1,600	700	700
623780	Safety and Medical Supplies	34,426	6,500	6,500	5,029	1,500	8,000	8,000
623800	Computer Software	-	1,000	1,000	-	-	-	-
623810	Computer Supplies	448	2,000	2,000	30	100	400	400
623820	Fuel	101,748	157,000	157,000	151,830	146,400	184,400	184,400
623860	Lubricants	731	500	1,100	906	1,000	1,500	1,500
623990	Materials and Supplies, N.O.C.	22,367	18,900	18,900	12,051	17,800	97,400	97,400
300	TOTAL MATERIALS AND SUPPLIES	493,835	908,500	883,200	823,944	809,400	752,500	752,500
TOTAL GENERAL DIVISION		\$ 20,337,410	\$ 26,761,600	\$ 26,647,300	\$ 22,044,305	\$ 24,166,400	\$ 25,848,100	\$ 25,848,100

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

Fund: Corporate Dept: Maintenance & Operations Division: General		POSITION ANALYSIS				
		2016	2017		2018	
					RECOMMENDED BY COMMITTEE ON BUDGET/EMPLOYMENT	
PAY PLAN & GRADE	CLASS TITLE	ACTUAL FTEs	BUDGETED FTEs	APPROPRIATION IN DOLLARS	BUDGETED FTEs	APPROPRIATION IN DOLLARS
HP15	Associate Civil Engineer	2	1		1	
HP14	Assistant Civil Engineer	1	-		-	
HP14	Engineering Technician V	4	4		5	
HP12	Engineering Technician IV	1	1		-	
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	Collection System Unit	36	34	2,922,122.06	34	2,929,456.12
TOTAL	Stormwater Management Fund Positions	(*6)	(*6)		(*6)	
TOTAL	Collection System Section	36	34	2,922,122.06	34	2,929,456.12
TOTAL	Stormwater Management Fund Positions	(*6)	(*6)		(*6)	
TOTAL	Waterways Control Section	44	42	3,877,688.61	41	3,811,671.21
TOTAL	Stormwater Management Fund Positions	(*18)	(*18)		(*18)	
640	Technical Administration Section					
641	Technical Administration Unit					
HP20	Managing Civil Engineer	1	1		-	
HP20	Managing Engineer	-	-		1	
TOTAL	Technical Administration Unit	1	1	192,722.14	1	192,722.14
642	Contract Administration Unit - MOB					
HP18	Principal Civil Engineer	1	1		-	
HP18	Principal Engineer	-	-		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	Contract Administration Unit - MOB	4	4	485,051.36	4	451,829.83
643	Technical Services Unit					
HP17	Senior Civil Engineer	1	1		-	

101 67000	Fund: Corporate Department: Maintenance & Operations Division: North Service Area	LINE ITEM ANALYSIS						
		2016	2017			2018		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 23,823,701	\$ 23,246,300	\$ 23,246,300	\$ 16,053,092	\$ 22,271,300	\$ 23,578,100	\$ 23,578,100
601060	Compensation Plan Adjustments	1,304,392	1,205,800	1,205,800	1,095,318	1,205,800	1,201,300	1,201,300
601070	Social Security and Medicare Contributions	340,523	338,800	336,500	241,523	330,800	339,100	339,100
601080	Salaries of Nonbudgeted Employees	-	-	7,000	6,927	7,000	-	-
601100	Tuition and Training Payments	38,440	20,000	38,500	29,216	38,000	38,400	38,400
100	TOTAL PERSONAL SERVICES	25,507,055	24,810,900	24,834,100	17,426,076	23,852,900	25,156,900	25,156,900
612010	Travel	9,690	3,700	3,700	3,306	3,600	5,900	5,900
612030	Meals and Lodging	20,174	14,200	18,300	14,788	16,000	15,400	15,400
612050	Compensation for Personally-Owned Automobiles	30,265	30,800	30,800	13,438	20,700	30,300	30,300
612080	Motor Vehicle Operating Services	226	200	200	30	100	200	200
612150	Electrical Energy	7,579,634	8,278,600	8,278,600	4,367,492	6,684,700	7,709,800	7,709,800
612160	Natural Gas	430,769	567,500	567,500	298,501	433,400	460,900	460,900
612170	Water and Water Services	60,762	53,900	53,900	43,904	53,900	56,200	56,200
612210	Communication Services	150,413	135,000	135,000	134,856	134,900	174,500	174,500
612240	Testing and Inspection Services	20,250	31,700	38,500	35,165	34,000	39,300	39,300
612330	Rental Charges	5,079	12,900	10,900	9,525	4,000	10,400	10,400
612410	Governmental Service Charges	3,019,434	3,086,500	3,086,500	2,304,482	3,086,500	3,216,500	3,216,500
612420	Maintenance of Grounds and Pavements	18,336	35,000	35,000	34,920	35,000	35,000	35,000
612430	Payments for Professional Services	36	-	-	-	-	-	-
612490	Contractual Services, N.O.C.	3,469	4,200	4,200	3,899	4,100	9,400	9,400
612520	Waste Material Disposal Charges	506,448	537,400	588,200	586,148	525,100	506,400	506,400
612530	Farming Services	29,600	233,200	210,100	24,700	24,700	24,700	24,700
612600	Repairs to Collection Facilities	40,625	32,400	70,400	69,645	65,000	66,800	66,800
612650	Repairs to Process Facilities	1,021,471	1,099,200	1,099,200	1,083,366	1,037,300	1,199,200	1,199,200
612680	Repairs to Buildings	276,077	178,300	178,300	176,642	155,000	178,000	178,000
612760	Repairs to Material Handling and Farming Equipment	5,594	28,000	28,000	25,521	8,000	21,700	21,700
612780	Safety Repairs and Services	-	55,800	55,800	55,000	55,000	85,000	85,000
612860	Repairs to Vehicle Equipment	5,675	22,900	23,900	23,604	10,000	38,700	38,700
200	TOTAL CONTRACTUAL SERVICES	13,234,025	14,441,400	14,517,000	9,308,931	12,391,000	13,884,300	13,884,300
623030	Metals	10,047	7,000	8,800	7,794	7,800	15,100	15,100
623070	Electrical Parts and Supplies	548,594	457,200	682,000	672,028	556,000	679,800	679,800

101 67000	Fund: Corporate Department: Maintenance & Operations Division: North Service Area	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623090	Plumbing Accessories and Supplies	198,298	172,400	147,400	138,735	140,000	156,400	156,400
623110	Hardware	7,316	10,600	10,600	10,078	8,300	-	-
623130	Buildings, Grounds, Paving Materials, and Supplies	27,215	30,300	30,300	29,871	25,000	29,700	29,700
623190	Paints, Solvents, and Related Materials	2,534	2,600	1,700	1,370	1,700	2,500	2,500
623250	Vehicle Parts and Supplies	12,262	7,500	10,700	8,026	7,500	8,700	8,700
623270	Mechanical Repair Parts	371,933	380,800	508,800	494,311	365,300	501,800	501,800
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	20,790	18,500	15,000	13,515	14,500	20,900	20,900
623560	Processing Chemicals	717,330	1,393,800	1,180,500	1,174,837	1,018,800	1,143,500	1,143,500
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	12,233	25,000	24,700	22,860	24,500	25,600	25,600
623660	Cleaning Supplies	-	100	100	82	100	-	-
623680	Tools and Supplies	43,219	125,100	125,100	106,760	110,000	83,200	83,200
623720	Books, Maps, and Charts	40	-	-	-	-	-	-
623780	Safety and Medical Supplies	18,105	22,900	22,900	21,133	20,600	18,100	18,100
623800	Computer Software	1,623	700	700	124	300	1,600	1,600
623810	Computer Supplies	8,565	1,500	5,500	5,236	4,800	8,600	8,600
623820	Fuel	9,944	8,800	11,300	9,805	10,000	14,000	14,000
623840	Gases	99	500	500	-	300	-	-
623860	Lubricants	3,028	500	4,800	4,465	1,600	3,100	3,100
623990	Materials and Supplies, N.O.C.	1,498	9,200	9,200	9,113	9,100	6,500	6,500
300	TOTAL MATERIALS AND SUPPLIES	2,014,673	2,675,000	2,800,600	2,730,141	2,326,200	2,719,100	2,719,100
634600	Equipment for Collection Facilities	44,177	50,000	50,000	45,129	45,200	44,200	44,200
634650	Equipment for Process Facilities	102,030	72,000	64,300	59,197	59,400	98,700	98,700
634970	Testing and Laboratory Equipment	-	6,000	6,000	5,737	5,800	-	-
400	TOTAL MACHINERY AND EQUIPMENT	146,206	128,000	120,300	110,063	110,400	142,900	142,900
TOTAL NORTH SERVICE AREA		\$ 40,901,960	\$ 42,055,300	\$ 42,272,000	\$ 29,575,211	\$ 38,680,500	\$ 41,903,200	\$ 41,903,200

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.
 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 68000	Fund: Corporate Department: Maintenance & Operations Division: Calumet Service Area	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 17,435,845	\$ 17,339,500	\$ 17,339,500	\$ 11,878,398	\$ 16,755,300	\$ 17,524,700	\$ 17,524,700
601060	Compensation Plan Adjustments	762,125	829,600	829,600	651,674	829,600	641,000	641,000
601070	Social Security and Medicare Contributions	254,493	259,000	249,000	180,694	248,400	253,900	253,900
601080	Salaries of Nonbudgeted Employees	1,544	4,900	4,900	-	-	-	-
601100	Tuition and Training Payments	24,478	52,800	52,800	6,213	22,000	40,000	40,000
100	TOTAL PERSONAL SERVICES	18,478,484	18,485,800	18,475,800	12,716,979	17,855,300	18,459,600	18,459,600
612010	Travel	2,613	13,900	13,900	-	3,500	6,000	6,000
612030	Meals and Lodging	6,910	32,300	24,700	2,610	9,300	17,100	17,100
612050	Compensation for Personally-Owned Automobiles	60,862	45,700	45,700	18,561	28,800	45,000	45,000
612080	Motor Vehicle Operating Services	84	100	100	-	-	100	100
612150	Electrical Energy	8,922,676	9,724,500	9,724,500	5,122,314	9,047,600	9,330,700	9,330,700
612160	Natural Gas	546,886	626,200	626,200	521,018	626,200	597,000	597,000
612170	Water and Water Services	410,407	398,400	398,400	250,776	398,400	390,200	390,200
612210	Communication Services	232,185	152,000	152,000	152,000	152,000	196,500	196,500
612240	Testing and Inspection Services	27,482	62,900	62,900	57,090	36,000	66,600	66,600
612330	Rental Charges	600	10,100	17,500	17,450	17,500	400	10,000
612410	Governmental Service Charges	98,286	103,000	103,000	98,690	100,300	103,000	103,000
612420	Maintenance of Grounds and Pavements	-	20,000	20,000	6,062	14,000	20,000	20,000
612430	Payments for Professional Services	50	-	-	-	-	-	-
612490	Contractual Services, N.O.C.	9,592	12,300	12,300	11,150	9,500	16,200	16,200
612520	Waste Material Disposal Charges	379,145	438,600	438,600	425,651	404,000	379,100	379,100
612600	Repairs to Collection Facilities	212,769	145,100	145,100	75,850	66,700	99,900	99,900
612650	Repairs to Process Facilities	1,581,563	1,349,900	1,349,900	1,300,654	1,287,300	1,762,500	1,752,900
612680	Repairs to Buildings	213,258	285,000	309,000	304,728	217,400	471,400	471,400
612760	Repairs to Material Handling and Farming Equipment	37,239	50,000	50,000	50,000	44,000	52,000	52,000
612780	Safety Repairs and Services	19,400	16,300	20,900	20,850	20,800	20,000	20,000
612860	Repairs to Vehicle Equipment	38,237	30,900	46,700	46,675	30,900	53,500	53,500
612990	Repairs, N.O.C.	4,250	4,800	4,800	4,800	4,300	8,000	8,000
200	TOTAL CONTRACTUAL SERVICES	12,804,494	13,522,000	13,566,200	8,486,928	12,518,500	13,635,200	13,635,200

101 68000	Fund: Corporate Department: Maintenance & Operations Division: Calumet Service Area	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623030	Metals	8,663	10,100	9,300	8,600	9,300	10,100	10,100
623070	Electrical Parts and Supplies	299,520	254,500	349,500	326,532	324,500	347,800	347,800
623090	Plumbing Accessories and Supplies	126,730	198,000	223,000	221,893	175,500	294,600	294,600
623110	Hardware	420	2,800	2,800	2,800	2,300	2,800	2,800
623130	Buildings, Grounds, Paving Materials, and Supplies	28,688	42,000	42,000	40,999	35,200	42,000	42,000
623190	Paints, Solvents, and Related Materials	2,833	2,500	2,500	2,500	2,400	2,800	2,800
623250	Vehicle Parts and Supplies	25,515	29,800	31,600	31,550	28,400	36,000	36,000
623270	Mechanical Repair Parts	239,605	645,800	582,000	559,630	565,700	705,800	705,800
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	13,540	7,900	11,400	10,630	10,900	10,000	10,000
623560	Processing Chemicals	1,377,354	3,802,000	3,080,300	3,079,471	1,648,400	2,227,800	2,227,800
623660	Cleaning Supplies	2,190	1,400	1,400	1,046	1,300	700	700
623680	Tools and Supplies	31,088	111,400	111,400	81,513	96,500	38,300	38,300
623780	Safety and Medical Supplies	20,292	17,000	17,000	13,587	14,800	20,300	20,300
623810	Computer Supplies	285	300	300	70	300	300	300
623820	Fuel	26,323	27,200	27,200	26,525	26,500	38,500	38,500
623860	Lubricants	-	3,500	1,000	1,000	1,000	14,900	14,900
623990	Materials and Supplies, N.O.C.	15,590	13,100	13,100	12,936	11,900	32,000	32,000
300	TOTAL MATERIALS AND SUPPLIES	2,218,636	5,169,300	4,505,800	4,421,281	2,954,900	3,824,700	3,824,700
634650	Equipment for Process Facilities	12,520	28,000	35,700	35,608	28,000	85,700	85,700
634860	Vehicle Equipment	5,597	5,000	5,000	-	-	-	-
400	TOTAL MACHINERY AND EQUIPMENT	18,117	33,000	40,700	35,608	28,000	85,700	85,700
TOTAL CALUMET SERVICE AREA		\$ 33,519,731	\$ 37,210,100	\$ 36,588,500	\$ 25,660,796	\$ 33,356,700	\$ 36,005,200	\$ 36,005,200

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.
 3. For the M&O Department, Expenditure (Committed Budget plus Disbursement) may exceed Adjusted Appropriation for a specific division as funding is controlled at the M&O Overall department-level.

101 69000	Fund: Corporate Department: Maintenance & Operations Division: Stickney Service Area	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 35,286,763	\$ 34,948,000	\$ 34,948,000	\$ 24,034,024	\$ 33,295,900	\$ 35,305,600	\$ 35,305,600
601060	Compensation Plan Adjustments	2,079,295	2,121,200	2,121,200	1,467,625	2,065,000	1,685,300	1,685,300
601070	Social Security and Medicare Contributions	516,070	508,700	497,700	364,087	497,500	511,000	511,000
601080	Salaries of Nonbudgeted Employees	-	10,200	10,200	-	-	10,200	10,200
601100	Tuition and Training Payments	46,510	177,000	158,500	117,114	125,000	144,000	144,000
100	TOTAL PERSONAL SERVICES	37,928,638	37,765,100	37,735,600	25,982,849	35,983,400	37,656,100	37,656,100
612010	Travel	4,921	15,000	15,000	5,189	13,800	15,000	15,000
612030	Meals and Lodging	16,350	18,000	18,000	14,777	17,100	28,800	28,800
612050	Compensation for Personally-Owned Automobiles	62,527	64,100	58,100	31,739	40,000	62,500	62,500
612080	Motor Vehicle Operating Services	182	1,000	1,000	153	900	300	300
612150	Electrical Energy	18,781,512	18,366,200	18,366,200	11,082,504	18,278,100	21,485,800	21,485,800
612160	Natural Gas	1,410,364	1,565,700	1,565,700	1,000,211	1,487,400	1,729,800	1,729,800
612170	Water and Water Services	1,365,926	1,254,700	1,233,700	891,621	1,231,300	1,295,400	1,295,400
612210	Communication Services	105,909	117,000	117,000	117,000	92,500	235,400	235,400
612240	Testing and Inspection Services	11,435	61,500	54,700	49,034	33,100	156,600	156,600
612330	Rental Charges	130,082	146,500	134,200	133,815	126,900	140,700	140,700
612410	Governmental Service Charges	89,880	89,700	89,700	72,500	89,700	89,700	89,700
612420	Maintenance of Grounds and Pavements	143,743	215,100	215,100	174,658	131,500	278,800	278,800
612430	Payments for Professional Services	18,000	18,000	18,000	18,000	18,000	18,000	19,000
612490	Contractual Services, N.O.C.	305,710	340,600	356,300	339,203	236,600	425,400	425,400
612520	Waste Material Disposal Charges	538,434	606,500	667,600	664,932	600,500	606,500	606,500
612590	Sludge Disposal	3,748,196	3,204,300	3,204,300	3,204,300	3,150,400	3,700,000	3,700,000
612600	Repairs to Collection Facilities	1,777,958	2,206,300	2,206,300	2,105,852	1,937,900	2,082,500	2,082,500
612620	Repairs to Waterway Facilities	-	10,000	-	-	-	-	-
612650	Repairs to Process Facilities	2,643,203	2,495,200	2,495,200	2,315,038	2,204,400	2,573,900	2,562,500
612670	Repairs to Railroads	444,795	302,600	302,600	284,582	220,900	368,700	368,700
612680	Repairs to Buildings	372,439	547,500	523,500	386,866	325,400	369,300	369,300
612760	Repairs to Material Handling and Farming Equipment	4,764	-	-	-	-	-	-

101 69000	Fund: Corporate Department: Maintenance & Operations Division: Stickney Service Area	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
612780	Safety Repairs and Services	89,886	283,000	270,800	243,844	155,200	195,000	205,400
612840	Communications Equipment Maintenance (Includes Software)	6,206	-	-	-	-	5,000	5,000
612860	Repairs to Vehicle Equipment	17,956	15,700	16,700	16,155	13,500	24,600	24,600
612990	Repairs, N.O.C.	3,273	11,800	11,800	11,350	10,100	13,500	13,500
200	TOTAL CONTRACTUAL SERVICES	32,093,653	31,956,000	31,941,500	23,163,323	30,415,200	35,901,200	35,901,200
623030	Metals	10,415	17,900	16,900	16,642	10,500	10,400	10,400
623070	Electrical Parts and Supplies	633,265	1,073,300	893,300	882,753	893,300	968,700	968,700
623090	Plumbing Accessories and Supplies	317,134	271,600	271,600	237,777	265,000	323,600	323,600
623110	Hardware	529	2,500	2,500	2,000	2,300	3,200	3,200
623130	Buildings, Grounds, Paving Materials, and Supplies	30,880	64,200	64,200	63,989	42,000	54,100	54,100
623170	Fiber, Paper, and Insulation Materials	9,674	14,100	14,100	6,100	12,500	9,900	9,900
623190	Paints, Solvents, and Related Materials	1,580	1,900	2,800	2,617	2,100	1,300	1,300
623250	Vehicle Parts and Supplies	47,679	48,300	48,300	47,849	34,600	39,500	39,500
623270	Mechanical Repair Parts	844,058	1,144,100	1,240,900	1,237,708	1,076,700	1,154,900	1,154,900
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	10,441	15,700	15,700	15,489	13,600	11,000	11,000
623560	Processing Chemicals	7,547,436	8,169,600	8,821,600	8,734,489	7,613,200	9,369,900	9,369,900
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	67	-	300	221	300	-	-
623660	Cleaning Supplies	391	1,300	1,300	1,184	800	500	500
623680	Tools and Supplies	99,713	244,000	244,000	217,918	217,600	83,000	83,000
623700	Wearing Apparel	-	900	800	-	-	600	600
623780	Safety and Medical Supplies	15,432	13,900	13,900	1,417	4,600	23,700	23,700
623800	Computer Software	110	5,800	5,800	4,477	5,200	23,100	23,100
623810	Computer Supplies	6,033	13,300	9,300	4,475	8,200	28,400	28,400
623820	Fuel	46,086	107,000	104,500	104,232	91,300	101,800	101,800
623840	Gases	633	4,500	4,500	3,790	2,100	1,100	1,100
623850	Communications Supplies	520	900	900	-	500	5,500	5,500
623860	Lubricants	797	500	1,300	1,235	1,300	1,900	1,900

101 69000		Fund: Corporate Department: Maintenance & Operations Division: Stickney Service Area		LINE ITEM ANALYSIS				
		2016	2017			2018		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623990	Materials and Supplies, N.O.C.	10,701	66,300	66,300	49,752	45,300	52,700	52,700
300	TOTAL MATERIALS AND SUPPLIES	9,633,575	11,281,600	11,844,800	11,636,113	10,343,000	12,268,800	12,268,800
634650	Equipment for Process Facilities	22,131	-	-	-	-	-	-
634860	Vehicle Equipment	-	5,000	5,000	-	-	-	-
634970	Testing and Laboratory Equipment	-	-	-	-	-	25,000	25,000
400	TOTAL MACHINERY AND EQUIPMENT	22,131	5,000	5,000	-	-	25,000	25,000
TOTAL STICKNEY SERVICE AREA		\$ 79,677,998	\$ 81,007,700	\$ 81,526,900	\$ 60,782,285	\$ 76,741,600	\$ 85,851,100	\$ 85,851,100

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

101 50000	Fund: Corporate Department: Engineering Division:	LINE ITEM ANALYSIS						
		2016	2017			2018		
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 24,805,129	\$ 27,176,500	\$ 27,176,500	\$ 17,757,908	\$ 23,916,500	\$ 26,536,400	\$ 26,536,400
601060	Compensation Plan Adjustments	238,421	591,000	591,000	307,046	478,000	324,000	324,000
601070	Social Security and Medicare Contributions	346,881	374,700	374,700	257,270	352,400	383,600	383,600
601100	Tuition and Training Payments	100,330	150,000	150,000	93,388	120,000	124,000	124,000
100	TOTAL PERSONAL SERVICES	25,490,761	28,292,200	28,292,200	18,415,612	24,866,900	27,368,000	27,368,000
612010	Travel	12,897	12,000	12,000	4,908	12,000	12,000	12,000
612030	Meals and Lodging	32,404	25,000	25,000	13,121	25,000	25,000	25,000
612040	Postage, Freight, and Delivery Charges	3,257	2,500	2,500	2,500	2,300	2,000	2,000
612050	Compensation for Personally-Owned Automobiles	17,065	15,000	15,000	5,689	7,000	17,100	17,100
612080	Motor Vehicle Operating Services	412	1,000	1,000	60	100	400	400
612090	Reprographic Services	3,803	5,000	5,000	4,000	4,000	3,500	3,500
612170	Water and Water Services	3,364	3,200	3,200	3,200	3,200	3,300	3,300
612330	Rental Charges	-	500	500	63	100	100	100
612430	Payments for Professional Services	256,297	239,300	239,300	113,498	122,300	201,000	201,000
612440	Preliminary Engineering Reports and Studies	50,623	27,000	27,000	14,377	-	-	-
612490	Contractual Services, N.O.C.	78,593	85,000	85,000	82,128	82,200	82,100	82,100
612620	Repairs to Waterway Facilities	9,628	43,200	43,200	43,044	43,100	43,200	43,200
612970	Repairs to Testing and Laboratory Equipment	1,742	4,500	4,500	2,800	2,700	3,000	3,000
612990	Repairs, N.O.C.	9,494	9,800	9,800	8,712	8,400	8,800	8,800
200	TOTAL CONTRACTUAL SERVICES	479,579	473,000	473,000	298,100	312,400	401,500	401,500
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	40,899	40,500	40,500	39,612	40,000	60,400	60,400
623680	Tools and Supplies	3,418	10,000	10,000	5,116	9,500	10,000	10,000
623700	Wearing Apparel	7,007	7,500	7,500	6,500	6,500	6,500	6,500
623720	Books, Maps, and Charts	8,537	7,200	7,200	1,560	3,500	3,500	3,500
623990	Materials and Supplies, N.O.C.	8,783	5,000	5,000	5,000	5,000	-	-
300	TOTAL MATERIALS AND SUPPLIES	68,644	70,200	70,200	57,788	64,500	80,400	80,400
TOTAL ENGINEERING		\$ 26,038,984	\$ 28,835,400	\$ 28,835,400	\$ 18,771,500	\$ 25,243,800	\$ 27,849,900	\$ 27,849,900

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.

Construction Fund Program

<u>Projects Under Construction</u>			Est.	MWRD		Award
#	Project Name	Project Number	Construc- tion Cost	2018 Appro- piation	Dura- tion (days)	/ Est. Award Date
1	FD&I New Tank Drives, LWRP	14-806-21	\$ 1,132	\$ 160	1,365	Sep-14
2	Rehabilitate the Digester Gas Turbine, SWRP	15-913-21	2,038	293	695	May-16
3	F&D Six Grit Pumps, CWRP	16-810-21	96	96	572	Oct-16
4	Industrial Waste Division and Construction Office Renovation, CWRP	16-268-2V	2,546	1,269	621	Nov-16
5	Applicant Management and Tracking, Onboarding, and Performance Management Systems	16-RFP-02	147	84	529	Nov-16
6	FD&I Upgraded Vacuum System at the 95th Street Pumping Station, CSA	16-806-21	286	86	407	Apr-17
7	F&D Stake Body Truck and Dump Truck, NSA	17-703-21	265	164	288	Jun-17
8	Recondition Raw Sewage Pump Motor No. 3, KWRP	17-710-21	127	90	243	Aug-17
9	Automated CAFR and Budget Solution	17-RFP-22	25	10	167	Sep-17
10	Television Inspection and Recording of Sewers and Manholes, District-wide	13-806-2S	1,944	800	1,096	Oct-17
11	FD&I Upgraded Coarse Screen Conveyor System at the North Branch Pumping Station, NSA	16-704-21	201	184	400	Oct-17
12	Rehabilitate One Raw Sewage Pump Rotating Assembly, OWRP	17-705-21	200	200	424	Nov-17
13	FD&I Boiler for Equipment Garage, CWRP	16-805-21	240	240	254	Dec-17
14	F&D Enhanced Bio-P Control Equipment, NSA	17-609-21	240	120	130	Dec-17
Total Projects Under Construction			\$ 9,487	\$ 3,796		
<u>Awards in 2018</u>			Est.	MWRD		Est.
#	Project Name	Project Number	Construc- tion Cost	2018 Appro- piation	Dura- tion (days)	Award Date
1	F&D Airlift Blower, EWRP	17-704-21	\$ 150	\$ 150	107	Jan-18
2	Employee Benefits Software	17-RFP-37	75	75	364	Jan-18
3	Rehabilitation of Blower No. 9, CWRP	18-803-21	450	450	364	Jan-18
4	Paint and Carpet Replacement, MOB	J15090-068	425	425	119	Jan-18
5	Enhancements to WorkForce System	MWD0000003FI	50	50	88	Jan-18
6	FD&I Fire Detection Systems, Various Locations	18-604-21	560	560	333	Feb-18
7	F&D Fine Screens, Grit Classifier, and Screw Conveyors, HPWRP and SWRP	18-608-21	580	580	272	Feb-18
8	F&D Protective Relays, CWRP and KWRP	18-612-21	125	125	180	Feb-18
9	F&D Bio-P Control Equipment, NSA	18-702-21	70	70	333	Feb-18
10	F&D Turbo Blower for Process Air, HPWRP	18-705-21	185	185	211	Feb-18
11	FD&I Grit Screw Conveyor, CWRP	18-802-21	300	300	241	Feb-18
12	Recondition Circuit Breakers, SSA	18-914-21	200	200	272	Feb-18
13	Installation of Drain Tile and Bioreactors, Fulton County	16-605-21	150	150	305	Mar-18
14	Rehabilitate Gloria Alitto Majewski Reservoir, KWRP	16-708-21	600	600	305	Mar-18
15	Microvi Pilot	18-180-21	250	250	305	Mar-18
16	F&D Submersible Pump, CSA	18-601-21	200	200	91	Mar-18
17	F&D Hydraulic Submersible Pump, EWRP	18-703-21	50	50	152	Mar-18
18	F&D Motor Excitation Control Equipment, SWRP	18-901-21	290	290	305	Mar-18
19	Rehabilitation of Elevators, MOB	J15090-054	400	400	152	Mar-18

<u>Awards in 2018 (continued)</u>			Est.	MWRD		Est.
#	Project Name	Project Number	Construc- tion Cost	2018 Appro- priation	Dura- tion (days)	Award Date
20	Replace Air Conditioning Unit at Waterways Control Center, MOB	J15090-065	\$ 20	\$ 20	121	Mar-18
21	Performance Management Software	MWD0000007HR	25	25	213	Mar-18
22	Network Communication Switches	MWD0000015IT	406	406	305	Mar-18
23	F&D Programmable Logic Controllers, Chicago River Controlling Works	17-602-21	90	90	274	Apr-18
24	FD&I Headrace Handrail, Guardrail, and Fence, LPH	17-604-21	50	50	121	Apr-18
25	Rehabilitate Raw Sewage Pump Rotating Assemblies, Various Locations	18-610-21	625	200	730	Apr-18
26	HVAC Equipment Replacement, Various Locations	18-611-21	1,390	875	639	Apr-18
27	Roof Replacement, HPWRP	18-707-21	490	490	274	Apr-18
28	F&D Four Scum Pumps, SWRP	18-902-21	100	100	152	Apr-18
29	F&D Stainless Steel Tandem Tanker Trailer, SWRP	18-904-21	70	70	274	Apr-18
30	F&D Submersible Slurry Gate Pumping System, SWRP	18-905-21	75	75	274	Apr-18
31	Replace Media in Cooling Towers, SWRP	18-910-21	110	110	213	Apr-18
32	FD&I Louvers for TARP Drop Shafts, SSA	18-911-21	500	500	213	Apr-18
33	Skylight Replacement, SWRP	18-912-21	400	400	274	Apr-18
34	Roof Life Extension, MOB	J15090-064	250	250	121	Apr-18
35	Avaya Telecom Project	MWD0000013IT	164	164	274	Apr-18
36	F&D Interoperable Distributed Control System Workstations and TARP Controllers, Various Locations	17-901-21	125	125	244	May-18
37	F&D Station Batteries, Various Locations	18-605-21	275	275	244	May-18
38	Rehabilitation of the Overhead Bridge Crane, SSA	18-906-21	240	240	244	May-18
39	Renovate Bathroom Stalls, MOBC	J15090-069	190	190	152	May-18
40	F&D Rubber Tire Excavator/Backhoe, LASMA	18-602-21	225	225	213	Jun-18
41	FD&I Spring-Loaded Covers, NSA	18-603-21	75	75	152	Jun-18
42	F&D Screener, CALSMA	18-606-21	400	400	213	Jun-18
43	F&D Wheel Loader, LASMA	18-607-21	350	350	213	Jun-18
44	FD&I Storage Dome for Biosolids, HASMA	18-609-21	350	350	213	Jun-18
45	Replacement of Railroad Grade Crossings, SSA	18-913-21	475	475	213	Jun-18
46	F&D Two Debris Baskets, KWRP	18-701-21	200	200	183	Jul-18
47	Recondition Raw Sewage Pump Motor No. 1, KWRP	18-704-21	180	100	548	Jul-18
48	FD&I Three Bar Screens, KWRP	18-706-21	750	250	548	Jul-18
49	F&D Fire Alarm System Fiber Optic Cable, SWRP	18-903-21	25	25	183	Jul-18
Total 2018 Awards			\$ 13,735	\$ 12,215		
Total Projects Under Construction and 2018 Awards			\$ 23,222	\$ 16,011		

Projects Under Development

#	Project Name	Project Number	Est. Construc- tion Cost
50	Agriculture Pilot Projects	To be determined	\$ 2,000
51	Alternate Digestion Pilot Program	To be determined	75
52	Phosphorus Recovery Pilot Program	To be determined	75
Total Future Awards			\$ 2,150
Cumulative Projects Under Construction, 2018 Awards, and Future Awards			\$ 25,372

Note: All cost figures are in thousands of dollars.

201 50000	Fund: Construction Department: Engineering Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
		Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17
612240	Testing and Inspection Services	\$ -	\$ 600,000	\$ 350,000	\$ 44,450	\$ 78,000	\$ 1,016,000	\$ 1,016,000
612400	Intergovernmental Agreements	-	100,000	100,000	82,000	92,000	70,000	70,000
612430	Payments for Professional Services	1,438,423	3,624,900	3,724,900	3,558,124	2,242,000	3,239,400	3,267,400
612440	Preliminary Engineering Reports and Studies	14,848	-	-	-	-	50,000	50,000
612450	Professional Engineering Services for Construction Projects	225,625	1,859,000	1,859,000	1,834,375	788,800	1,834,400	1,834,400
612490	Contractual Services, N.O.C.	20,681	60,000	60,000	58,035	25,000	50,000	50,000
612600	Repairs to Collection Facilities	770,352	157,400	307,400	307,367	307,400	-	-
200	TOTAL CONTRACTUAL SERVICES	2,469,929	6,401,300	6,401,300	5,884,351	3,533,200	6,259,800	6,287,800
623570	Laboratory Testing Supplies, Small Equipment, and Chemicals	30,965	-	-	-	-	-	-
300	TOTAL MATERIALS AND SUPPLIES	30,965	-	-	-	-	-	-
634600	Equipment for Collection Facilities	80,703	340,000	340,000	-	-	745,000	790,000
634620	Equipment for Waterway Facilities	182,777	335,000	335,000	202,377	202,400	90,000	110,000
634650	Equipment for Process Facilities	990,257	1,996,000	1,996,000	691,950	457,500	1,711,000	1,886,000
634760	Material Handling and Farming Equipment	-	-	-	-	-	975,000	975,000
634780	Safety and Medical Equipment	28,680	-	-	-	-	-	-
634810	Computer Equipment	419,708	273,600	273,600	263,314	263,200	406,000	406,000
634820	Computer Software	102,529	131,500	131,500	35,000	-	35,000	35,000
634840	Communications Equipment (Includes Software)	-	70,900	70,900	67,459	-	64,100	64,100
634860	Vehicle Equipment	191,910	2,072,000	2,072,000	2,046,968	1,850,900	1,134,000	1,134,000
634990	Machinery and Equipment, N.O.C.	362,601	1,404,000	1,404,000	132,569	132,600	-	-
400	TOTAL MACHINERY AND EQUIPMENT	2,359,164	6,623,000	6,623,000	3,439,637	2,906,600	5,160,100	5,400,100
645600	Collection Facilities Structures	1,448,745	2,469,000	2,169,000	1,215,671	798,200	1,150,400	860,400
645620	Waterway Facilities Structures	922,081	349,000	349,000	-	-	75,000	75,000
645650	Process Facilities Structures	3,605,960	5,329,300	5,329,300	1,599,140	1,599,000	2,402,500	2,402,500
645680	Buildings	1,866,327	2,767,400	2,767,400	1,272,624	1,141,900	3,335,000	3,355,000
645690	Capital Projects, N.O.C.	2,272,093	3,737,700	3,737,700	3,098,126	2,980,300	2,625,000	2,625,000
645700	Preservation of Collection Facility Structures	1,173,190	1,500,000	1,500,000	2,000	-	940,000	940,000

201 50000	Fund: Construction Department: Engineering Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
645720	Preservation of Waterway Facility Structures	87,168	931,000	931,000	46,501	46,500	600,000	650,000
645750	Preservation of Process Facility Structures	3,322,189	1,485,600	1,913,600	1,153,982	1,115,500	450,000	450,000
645780	Preservation of Buildings	129,834	2,484,000	2,484,000	2,375,463	1,908,100	1,796,300	1,796,300
645790	Preservation of Capital Projects, N.O.C.	1,456,459	373,100	245,100	78,536	78,600	-	-
500	TOTAL CAPITAL PROJECTS	16,284,046	21,426,100	21,426,100	10,842,043	9,668,100	13,374,200	13,154,200
TOTAL ENGINEERING CONSTRUCTION		\$ 21,144,103	\$ 34,450,400	\$ 34,450,400	\$ 20,166,031	\$ 16,107,900	\$ 24,794,100	\$ 24,842,100

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 2018			Est. Construc- tion Cost	Dura- tion (days)	Est. Award Date
#	Project Name	Project Number			
1	North Side Sludge Pipeline Replacement - Section 1, NSA	07-027-3S	\$ 12,831	820	Jan-18
2	Organic Waste Receiving Facility and Digester Gas Flare Upgrade, CWRP	11-240-3P	8,500	545	Jan-18
3	Stickney Effluent Reuse Line, SSA	14-107-3S	800	469	Jan-18
4	Drop Shaft 5 Inspection and Rehabilitation, NSA	14-372-3S	2,700	472	Jan-18
5	Summit Conduit Rehabilitation, SSA	16-126-3S	1,700	520	Jan-18
6	Furnish, Deliver, and Install Telemetry Replacement for SCADA Control, Various Locations	17-606-31	645	355	Jan-18
7	Furnish, Deliver, and Install Disc Filters, EWRP	18-702-31	3,200	1,065	Jan-18
8	Emerson Ovation Distributed Control System, NSA	18-704-31	1,802	364	Jan-18
9	Conversion of Primary Tanks to High Strength Waste Receiving and Distribution, CWRP	16-272-3P	3,500	515	Feb-18
10	Heavy Equipment Storage Building Site Improvements, Bulk Storage Building, CWRP and OWRP	17-845-3P	1,560	304	Feb-18
11	Pump Rehabilitation and Diverter Gate Installation, EWRP	16-412-3M	400	91	Mar-18
12	Fischer Farms Horticultural Center, HPWRP	16-538-3V	3,500	640	Mar-18
13	Structural Repairs and Roofing Replacement at the 95th Street Pumping Station, CSA	17-276-3D	1,200	240	Mar-18
14	Plant Information Management System, Various Locations	17-RFP-36	300	304	Mar-18
15	Pavement Rehabilitation, Various Locations	18-605-31	1,100	656	Mar-18
16	Guaranteed Energy Performance, Various Locations	18-706-31	3,500	245	Mar-18
17	Switchgear and Motor Control Center Replacement, OWRP	17-080-3E	2,200	760	Apr-18
18	Odor Control Facilities at WASSTRIP®, Southwest Coarse Screen and Overhead Weir, and Post-Centrifuge Building, SWRP	17-134-3M	15,000	720	May-18
19	Modifications to TARP Structures, CSA and SSA	17-842-3H	2,500	635	May-18
20	Rehabilitation of North Branch Pumping Station, NSA	16-079-3D	3,000	618	Jun-18
21	Furnish, Deliver, and Configure a Fence Line Odor Monitoring System, SWRP	18-RFP-XX	300	212	Jun-18
22	Rehabilitation of Steel Spandrel Beams of Pump and Blower House, OWRP	15-069-3D	10,000	822	Sep-18
23	39th Street Conduit Rehabilitation - Phase II, SSA	01-103-AS	24,700	770	Oct-18
24	Replacement of Tailrace Stop Logs, Headrace Gates, and Equipment, CWRP	15-830-3D	10,000	761	Oct-18
25	Furnish, Deliver, and Install Odor Control Systems, KWRP, HPWRP, and CWRP	17-844-3P	3,000	425	Nov-18
26	Railroad Locomotive Terminal Restoration, SWRP	18-904-31	1,440	457	Nov-18
27	Digester Rehabilitation and Gas Piping Replacement, SWRP	17-140-3P	15,000	669	Dec-18
Total 2018 Awards			\$ 134,378		

Projects Under Development

#	Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date
28	North Shore 1 Rehabilitation, NSA	10-047-3S	\$ 22,750	920	Jan-19
29	Dewatering System, CWRP	17-2XX-3P	10,000	1,094	Jan-19
30	Energy Neutrality Improvements, EWRP	17-413-3P	20,000	720	Jan-19
31	Energy Neutrality Improvements, HPWRP	17-539-3P	15,000	720	Jan-19
32	Upper Des Plaines Intercepting Sewer 11D, Ext. C Rehabilitation, NSA	11-404-3S	5,500	720	Feb-19
33	Upper Des Plaines Intercepting Sewer 14B Rehabilitation, KWRP	06-360-3S	6,700	360	Mar-19
34	Decommissioning of the Thornton Transitional Reservoir, CSA	15-266-4H	3,500	660	Mar-19
35	Phosphorus Recovery System, CWRP	12-245-3P	31,000	1,095	Jun-19
36	Screens and Conveyor Improvements at the 125th Street Pumping Station, CSA	09-230-3M	3,825	720	Jul-19
37	Battery B Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-128-3D	2,000	370	Aug-19
38	A/B and C/D Service Tunnel Rehabilitation - Phase III, SWRP	16-127-3D	17,000	1,095	Oct-19
39	Digester Gas Utilization Facilities, SWRP	11-189-3P	17,000	1,095	Jan-20
40	Upper Des Plaines Intercepting Sewer 11D Rehabilitation, NSA	12-369-3S	5,500	720	Sep-20
41	Palos Hills Pumping Station Force Main, CSA	11-242-3S	6,700	620	Feb-21
42	Roof Replacement of the Lue-Hing M&R Complex, SWRP	17-135-3V	6,500	730	Mar-21
43	Battery C Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-129-3D	2,000	370	Aug-21
44	Battery D Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-130-3D	2,000	370	Aug-21
45	Deammonification System, SWRP	13-101-3P	30,000	820	Sep-21
46	Organic Waste Receiving Station, SWRP	14-117-3P	30,000	530	Sep-21
47	McCook Reservoir Expanded Stage 2 Rock Wall Stabilization, SWRP	17-131-4F	5,000	1,278	Feb-22
Total Future Awards			<u>\$ 241,975</u>		
Cumulative 2018 and Future Awards			<u>\$ 376,353</u>		

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 <u>Fund Loans</u>	General Obligation	
		<u>Bonds</u>	<u>Total</u>
Tunnel and Reservoir Plan	\$ -	\$ -	\$ -
Water Reclamation Plant	-	85,160	85,160
Expansion and Improvements	-	-	-
Solids Management	-	83,271	83,271
Collection Facilities	30,200	51,947	82,147
Replacement of Facilities	49,025	76,750	125,775
Other	-	-	-
	<u>\$ 79,225</u>	<u>\$ 297,128</u>	<u>\$ 376,353</u>

Stormwater Management Capital Improvements Bond Fund Program

Awards in 2018			Est. Construc- tion Cost	Dura- tion (days)	Est. Award Date
#	Project Name	Project Number			
1	Streambank Stabilization Project on Tinley Creek, CSA	10-882-AF	\$ 3,806	577	Jan-18
2	Streambank Stabilization Project along Midlothian Creek, Tinley Park, CSA	10-882-CF	392	357	Jan-18
3	Streambank Stabilization Project on Melvina Ditch in Oak Lawn and Chicago Ridge, CSA	13-248-3F	8,800	730	Jan-18
4	* Buffalo Creek Reservoir Expansion, NSA	13-370-3F	19,300	546	Jan-18
5	Flossmoor Flood-Prone Property Acquisition, CSA	16-IGA-12	400	121	Mar-18
6	Addison Creek Reservoir, SSA	11-186-3F	95,155	731	Apr-18
Total 2018 Awards			\$ 127,853		

Projects Under Development

#	Project Name	Project Number	Est. Construc- tion Cost	Dura- tion (days)	Est. Award Date
7	Addison Creek Channel Improvements, SWRP	11-187-3F	\$ 44,512	1,095	Nov-19
Total Future Awards			\$ 44,512		
Cumulative 2018 and Future Awards			\$ 172,365		

*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.

<u>Method of Financing</u>			
State Revolving Fund	Alternate Bonds	Grants	Total
Loans			
\$ 148,859	\$ 13,506	\$ 10,000	\$172,365

401 50000	Fund: Capital Improvements Bond Department: Engineering Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original * Appropriation	Adjusted ** Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
612090	Reprographic Services	\$ -	\$ -	\$ 10,000	\$ 10,000	\$ -	\$ 10,000	\$ 10,000
612240	Testing and Inspection Services	106,873	-	330,960	330,960	273,000	-	-
612250	Court Reporting Services	-	25,000	43,583	18,583	-	25,000	25,000
612380	Soil and Rock Mechanics Investigation	124,743	-	-	-	-	-	-
612400	Intergovernmental Agreements	10,580,622	13,988,400	58,538,632	48,569,374	26,400,000	150,000	550,000
612430	Payments for Professional Services	522,087	1,700,000	3,541,033	2,728,756	751,000	750,000	750,000
612440	Preliminary Engineering Reports and Studies	274,256	250,000	645,112	389,548	352,000	250,000	250,000
612450	Professional Engineering Services for Construction Projects	4,069,896	12,992,000	24,567,270	18,409,091	9,100,000	4,000,000	4,000,000
612470	Personal Services for Post-Award Engineering for Construction Projects	5,225,751	-	13,446,367	13,446,367	4,000,000	-	-
612490	Contractual Services, N.O.C.	-	-	408,100	58,058	58,100	-	-
612780	Safety Repairs and Services	-	100,000	100,000	-	-	100,000	100,000
200	TOTAL CONTRACTUAL SERVICES	20,904,229	29,055,400	101,631,057	83,960,736	40,934,100	5,285,000	5,685,000
634600	Equipment for Collection Facilities	-	-	645,000	645,000	215,000	-	645,000
634650	Equipment for Process Facilities	-	-	600,000	579,900	300,000	-	-
400	TOTAL MACHINERY AND EQUIPMENT	-	-	1,245,000	1,224,900	515,000	-	645,000
645600	Collection Facilities Structures	25,160,145	3,000,000	23,139,127	22,062,510	10,542,000	3,965,000	3,965,000
645620	Waterway Facilities Structures	26,345,644	204,977,300	225,213,461	73,044,879	8,200,000	125,177,400	125,177,400
645630	Army Corps of Engineers Services	23,264,764	18,740,000	115,377,064	111,051,375	49,770,400	7,500,000	7,500,000
645650	Process Facilities Structures	107,390,362	54,525,000	177,414,951	171,018,477	60,906,300	33,085,000	58,060,000
645680	Buildings	33,427	4,675,000	12,167,798	7,492,798	4,000,000	7,413,000	7,413,000
645690	Capital Projects, N.O.C.	-	1,000,000	1,000,000	-	150,000	5,302,000	5,602,000
645700	Preservation of Collection Facility Structures	26,646,085	5,120,000	48,182,804	44,823,424	24,562,200	31,555,000	31,555,000
645720	Preservation of Waterway Facility Structures	1,404,125	17,942,000	23,105,925	7,088,308	11,131,100	25,148,400	25,148,400
645750	Preservation of Process Facility Structures	5,429,709	500,000	20,320,828	19,857,328	11,192,300	13,972,600	14,392,600
645780	Preservation of Buildings	-	2,575,000	12,153,700	9,578,702	3,575,000	17,974,300	17,275,000
500	TOTAL CAPITAL PROJECTS	215,674,259	313,054,300	658,075,657	466,017,801	184,029,300	271,092,700	296,088,400
656010	Land	12,440,061	10,300,000	10,300,000	1,239,298	1,207,200	300,000	300,000
600	TOTAL LAND	12,440,061	10,300,000	10,300,000	1,239,298	1,207,200	300,000	300,000

401 50000		Fund: Capital Improvements Bond Department: Engineering Division:		LINE ITEM ANALYSIS				
		2016	2017			2018		
Account Number	Account Name	Expenditure	Original * Appropriation	Adjusted ** Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
667340	Payments for Easements	275,100	2,215,900	2,215,900	62,041	62,000	1,750,000	1,750,000
727102	Principal Expense - Capital Lease	2,357,787	-	42,667,938	42,667,938	2,300,300	-	-
727112	Interest Expense - Capital Lease	2,031,977	-	14,305,801	14,305,801	1,772,900	-	-
767300	Bond Issuance Costs	282,645	-	-	-	-	-	-
700	TOTAL FIXED AND OTHER CHARGES	4,947,509	2,215,900	59,189,638	57,035,779	4,135,200	1,750,000	1,750,000
TOTAL CAPITAL IMPROVEMENTS BOND		\$253,966,058	\$354,625,600	\$830,441,352	\$609,478,514	\$230,820,800	\$278,427,700	\$304,468,400

* The Capital Improvements Bond Fund is budgeted and accounted for on an obligation basis.

** The appropriation in the Capital Improvements Bond Fund is adjusted to carry forward open value of contracts from the prior year.

- NOTES: 1. Amounts may not add up due to rounding.
 2. Estimated Expenditure may exceed Adjusted Appropriation when transfers of funds are anticipated or be less than Expenditure (Committed Budget plus Disbursement) when not all commitments are anticipated to be completed by year-end.
 3. The Capital Improvements Bond Fund appropriation is controlled on the Summary Object level.

Stormwater Management Fund Program

<u>Awards in 2018</u>			Est.	MWRD		Est.
#	Project Name	Project Number	Constr- uction Cost	2018 Appro- piation	Dura- tion (days)	Award Date
1	Flood Control Project at Arrowhead Lake, Palos Heights, CSA	10-883-BF	\$ 1,200	\$ 1,200	357	Jan-18
2	Flood Control Project on Farmers and Prairie Creeks, NSA	12-056-5F	14,100	3,600	660	Jan-18
3	* Buffalo Creek Reservoir Expansion, NSA	13-370-3F	2,350	1,458	546	Jan-18
4	Rainwater Harvesting System at Dearborn Homes, Chicago, SSA	14-113-5F	900	900	240	Jan-18
5	Flood Control Project on Natalie Creek in Oak Forest and Midlothian, CSA	14-252-5F	7,806	3,000	730	Jan-18
6	** Flood Control Project on Midlothian Creek in Robbins, IL, CSA	14-253-5F	11,000	2,000	560	Jan-18
7	Flood Control Project on 103rd Street from Cicero Avenue to Central Avenue, Oak Lawn, CSA	15-IGA-22	3,000	1,500	577	Jan-18
8	Railroad Drainage Area Outlet, Riverside, SSA	16-IGA-03	90	90	273	Jan-18
9	Flood Control Project for Deer Creek, CSA	10-884-BF	3,440	1,720	640	Feb-18
10	Flood Control Project for the Washington Street Area in Blue Island, IL, CSA	14-260-5F	5,700	1,000	640	Feb-18
11	Flood Control Project at 61st Avenue and 36th Street, Cicero, SSA	16-IGA-21	2,500	500	575	Apr-18
12	Lyons Levee Flood Control Improvements, SSA	13-199-3F	3,500	1,750	635	Aug-18
13	Streambank Stabilization Project along Calumet Union Drainage Ditch, CSA	10-882-BF	1,568	1,029	1,460	Dec-18
14	La Grange Storm Sewer Improvements, SSA	16-IGA-02	3,000	1,500	370	Dec-18
Total 2018 Awards			\$ 60,154	\$ 21,247		

Projects Under Development

#	Project Name	Project Number	Est. Constr- uction Cost	Duration (days)	Est. Award Date
15	Flood Control Project in the Worth Woods Subdivision in Worth, Illinois, CSA	14-256-5F	\$ 2,500	371	Mar-19
16	Flood Control Project on 1st Avenue from Roosevelt Road to Cermak Road, SSA	14-111-5F	2,500	540	Apr-19
17	Flood Control Project along Plainfield Road from Willow Springs Road to East Avenue, SSA	14-112-5F	17,000	730	Jun-19
18	Flood Control Project on Central Road from the Des Plaines River to Greenwood Road, NSA	14-065-5F	12,000	700	Jun-19
19	Flood Control Project on Calumet-Sag Tributary C in Bremen Township and Midlothian, Illinois, CSA	14-257-5F	3,600	366	Nov-19

Projects Under Development (continued)

#	Project Name	Project Number	Est. Constr- uction Cost	Duration (days)	Est. Award Date
20	Flood Control Project in the vicinity of 135th Street and Central Avenue in Crestwood, Illinois, CSA	14-258-5F	\$ 9,300	366	Nov-19
21	Flood Control Project on the West Fork of the North Branch of the Chicago River, NSA	16-IGA-18	6,600	460	Feb-20
22	Green Infrastructure Intergovernmental Agreements	Various	21,100	Various	TBD
23	Flood-Prone Property Acquisition Intergovernmental Agreements	Various	24,600	Various	TBD
Total Future Awards			\$ 99,200		
Cumulative 2018 and Future Awards			\$ 159,354		

*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.

**The District's actual contribution will be determined based upon grants and other partner funding commitments.

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

501 50000	Fund: Stormwater Management Department: Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601010	Salaries of Regular Employees	\$ 5,379,283	\$ 5,634,800	\$ 5,634,800	\$ 3,858,066	\$ 5,230,300	\$ 5,719,000	\$ 5,719,000
601060	Compensation Plan Adjustments	154,309	193,000	193,000	79,764	165,000	183,300	183,300
601070	Social Security and Medicare Contributions	77,199	81,100	81,100	56,560	77,700	83,400	83,400
601080	Salaries of Nonbudgeted Employees	-	11,400	11,400	-	-	20,000	20,000
601100	Tuition and Training Payments	8,250	30,600	30,600	4,290	26,000	10,000	10,000
601250	Health and Life Insurance Premiums	471,312	580,300	580,300	344,417	502,000	567,000	567,000
601270	General Salary Adjustments	-	-	-	-	-	-	-
100	TOTAL PERSONAL SERVICES	6,090,353	6,531,200	6,531,200	4,343,097	6,001,000	6,582,700	6,582,700
612010	Travel	1,995	2,300	2,300	485	2,200	2,000	2,000
612030	Meals and Lodging	4,032	5,100	5,100	2,961	4,100	4,000	4,000
612040	Postage, Freight, and Delivery Charges	1,500	2,500	2,500	2,500	1,600	2,500	2,500
612050	Compensation for Personally-Owned Automobiles	10,661	24,800	24,800	10,070	16,200	24,800	24,800
612080	Motor Vehicle Operating Services	58	800	800	55	200	800	800
612240	Testing and Inspection Services	-	29,500	29,500	29,500	10,000	10,000	10,000
612250	Court Reporting Services	8,191	12,000	12,000	12,000	11,500	12,000	12,000
612330	Rental Charges	873	2,500	2,500	2,500	1,000	2,500	2,500
612400	Intergovernmental Agreements	2,354,982	12,845,500	12,845,500	10,869,024	7,503,200	26,669,700	26,669,700
612430	Payments for Professional Services	66,567	775,000	775,000	661,415	444,700	1,091,000	1,091,000
612440	Preliminary Engineering Reports and Studies	3,566,430	4,800,000	4,800,000	2,994,258	3,092,000	3,726,000	3,726,000
612450	Professional Engineering Services for Construction Projects	447,140	3,843,900	3,693,900	455,096	369,500	4,086,000	4,086,000
612470	Personal Services for Post-Award Engineering for Construction Projects	5,298	-	-	-	-	-	-
612490	Contractual Services, N.O.C.	201,408	246,400	246,400	188,951	212,400	415,000	415,000
612520	Waste Material Disposal Charges	33,920	70,000	70,000	58,812	64,600	60,000	60,000
612620	Repairs to Waterway Facilities	2,180,414	2,415,000	2,415,000	2,398,408	2,300,000	2,585,000	2,585,000
612820	Computer Software Maintenance	-	-	150,000	150,000	150,000	145,000	145,000
612990	Repairs, N.O.C.	1,495	6,000	6,000	1,000	1,000	2,000	2,000
200	TOTAL CONTRACTUAL SERVICES	8,884,965	25,081,300	25,081,300	17,837,034	14,184,200	38,838,300	38,838,300
623130	Buildings, Grounds, Paving Materials, and Supplies	4,251	5,000	5,000	5,000	5,000	5,000	5,000

501 50000	Fund: Stormwater Management Department: Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
623520	Office, Printing, and Photo Supplies, Equipment, and Furniture	6,582	11,500	11,500	5,198	6,100	11,500	11,500
623560	Processing Chemicals	4,929	5,000	5,000	-	3,200	5,000	5,000
623680	Tools and Supplies	5,807	11,000	11,000	9,478	7,000	11,000	11,000
623700	Wearing Apparel	558	2,000	2,000	-	500	2,000	2,000
623990	Materials and Supplies, N.O.C.	4,431,669	1,240,000	1,240,000	466,585	808,500	90,400	90,400
300	TOTAL MATERIALS AND SUPPLIES	4,453,797	1,274,500	1,274,500	486,261	830,300	124,900	124,900
634790	Marine Equipment	-	85,000	85,000	-	-	-	-
400	TOTAL MACHINERY AND EQUIPMENT	-	85,000	85,000	-	-	-	-
645620	Waterway Facilities Structures	6,811,100	3,169,800	3,169,800	2,692,886	1,216,800	16,203,800	16,203,800
645630	Army Corps of Engineers Services	-	-	-	-	-	1,750,000	1,750,000
645690	Capital Projects, N.O.C.	-	1,620,000	1,620,000	1	-	400,000	400,000
645720	Preservation of Waterway Facility Structures	136,440	1,459,000	1,459,000	-	709,000	1,180,500	1,180,500
500	TOTAL CAPITAL PROJECTS	6,947,540	6,248,800	6,248,800	2,692,887	1,925,800	19,534,300	19,534,300
656010	Land	-	410,000	410,000	-	-	400,000	400,000
600	TOTAL LAND	-	410,000	410,000	-	-	400,000	400,000
667020	Equity Transfer	3,272,650	5,769,300	5,769,300	3,269,250	3,269,300	-	-
667340	Payments for Easements	1,710	400,000	400,000	12,822	52,900	400,000	400,000
700	TOTAL FIXED AND OTHER CHARGES	3,274,360	6,169,300	6,169,300	3,282,072	3,322,200	400,000	400,000
TOTAL STORMWATER MANAGEMENT		\$ 29,651,015	\$ 45,800,100	\$ 45,800,100	\$ 28,641,351	\$ 26,263,500	\$ 65,880,200	\$ 65,880,200

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.

901	Fund: Reserve Claim Department: Division:	LINE ITEM ANALYSIS						
		2016	2017				2018	
Account Number	Account Name	Expenditure	Original Appropriation	Adjusted Appropriation 09/30/17	Expenditure (Committed Budget plus Disbursement) 09/30/17	Estimated Expenditure 12/31/17	Proposed by Executive Director	Recommended by Committee on Budget and Employment
601090	Employee Claims	\$ 4,674,115	\$ 8,000,000	\$ 8,000,000	\$ 3,036,913	\$ 4,000,000	\$ 10,000,000	\$ 10,000,000
100	TOTAL PERSONAL SERVICES	4,674,115	8,000,000	8,000,000	3,036,913	4,000,000	10,000,000	10,000,000
667220	General Claims and Emergency Repair and Replacement Costs	112,255	22,617,100	22,617,100	1,176,463	5,626,300	20,289,500	20,289,500
700	TOTAL FIXED AND OTHER CHARGES	112,255	22,617,100	22,617,100	1,176,463	5,626,300	20,289,500	20,289,500
TOTAL RESERVE CLAIM FUND		\$ 4,786,370	\$ 30,617,100	\$ 30,617,100	\$ 4,213,377	\$ 9,626,300	\$ 30,289,500	\$ 30,289,500

NOTE: Amounts may not add up due to rounding.

PAGE REFERENCE GUIDE

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

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NOTE PAGE



Metropolitan Water Reclamation District of Greater Chicago Historical Information And Milestones

- 1837** Chicago was incorporated as a city. The city's primary source of drinking water is Lake Michigan. Due to poor drainage and discharges to Lake Michigan, water-borne diseases plagued the city throughout the 1800s.
- 1856** Sewers were constructed to collect the city's wastewater. These sewers emptied into the Chicago River, ultimately becoming a health hazard.
- 1885** A torrential rainstorm flushed pollution from the river into Lake Michigan prompting public concern for ways to safeguard the quality of the drinking water.
- 1886** A Drainage and Water Supply Commission was created to study the growing problem of contamination of the city's water supply.
- 1889** Illinois Legislature passed an act enabling the establishment of the Sanitary District of Chicago to keep sewage pollution out of Lake Michigan. Referendum passed creating the Sanitary District of Chicago.
- 1892** Ground was broken on the 28-mile Main Channel of the Sanitary and Ship Canal. The canal would reverse the flow of the Chicago River by linking it to the Des Plaines River, and thus prevent pollution of Lake Michigan by the river.
- 1900** Main Channel of the Sanitary and Ship Canal opened.
- 1907** Main Channel Extension including Lockport Powerhouse and Lock completed.
- 1910** North Shore Channel completed.
- 1919** District's Board of Commissioners passed an ordinance committing the District to the construction and operation of treatment plants.
- 1922** The 16-mile Calumet-Sag Channel became operational; Calumet Treatment Plant placed into operation.
- 1928** North Side Treatment Plant placed into operation.
- 1930** U.S. Supreme Court Decree issued reducing diversion of Lake Michigan in steps. Effective January 1, 1939, diversion reduced to 1,500 cubic feet per second; West Side Treatment Plant placed into operation.
- 1939** Southwest Treatment Plant placed into operation.
- 1949** West and Southwest Treatment Plants combined.
- 1955** District's name changed to the Metropolitan Sanitary District of Greater Chicago (MSDGC); the Chicago Sewage Disposal System named one of the Seven Wonders of Modern Engineering by the American Society of Civil Engineers (ASCE), recognizing the size of the system, including intercepting sewers, treatment plants, and waterways.
- 1956** Referendum, enabled by legislation, passed adding 412 square miles to the District.
- 1961** Lemont Treatment Plant placed into operation.
- 1963** Hanover Park Treatment Plant placed into operation.
- 1969** Board adopted the Sewage and Waste Control Ordinance, prohibiting any waste discharge into Lake Michigan.
- 1971** Fulton County "Prairie Plan" began whereby abandoned strip-mines were reclaimed into agriculturally productive land; won "Special Civil Engineering Achievement Award" in 1974 from the ASCE.
- 1972** District adopted the Tunnel and Reservoir Plan (TARP) as recommended by a committee of representatives from the state, city, county, and MSDGC. The plan provided for the collection, transportation, storage, and treatment of combined rainwater and sewage that in periods of heavy rain overflowed into waterways, underpasses, and basements.
- 1975** Construction began on the 31-mile Mainstream tunnel system; Egan Treatment Plant placed into operation.
- 1977** Construction began on the Calumet tunnel system.
- 1980** O'Hare Treatment Plant (later renamed Kirie Water Reclamation Plant) and Upper Des Plaines TARP tunnel system placed into operation.
- 1985** Mainstream tunnel system placed into operation, capable of storing one billion gallons of combined sewage and stormwater; TARP Mainstream System, Phase I, received award for "Outstanding Civil Engineering Achievement" from the ASCE.
- 1986** TARP received awards for "Outstanding Civil Engineering Achievement" and "Outstanding Civil Engineering Achievement of Past 100 Years in Illinois"; 9.2-mile Calumet tunnel system placed into operation.
- 1988** Water quality improvements recognized as causing increased real estate development along the waterway system; construction began on the Des Plaines TARP tunnel.
- 1989** District celebrated its 100th anniversary. As part of the Centennial Celebration, the District changed its name to the Metropolitan Water Reclamation District of Greater Chicago and dedicated the Centennial Fountain.
- 1990** Army Corps of Engineers and the District began construction of the O'Hare-CUP Reservoir, the first of three reservoirs in the TARP program.
- 1992-1994** District's five Sidestream Elevated Pool Aeration Stations (SEPA) completed along the Calumet River system. These stations add oxygen to the waterways to enhance the aquatic environment. The District received "Outstanding Civil Engineering Achievement" in 1994 by ASCE for these projects.
- 1998** O'Hare-CUP Reservoir placed into operation, capable of storing 350 million gallons of combined sewage and stormwater; North Branch tunnel placed into operation.
- 1999** Des Plaines tunnel placed into operation; construction began on the McCook Reservoir.
- 2000** District celebrated the 100th anniversary of the reversal of the Chicago River and completed a century of protecting Chicago's water environment; construction began on Thornton Transitional Reservoir.
- 2003** Construction began on the major capital improvement program for the Calumet, North Side, and Stickney Water Reclamation Plants.
- 2004** By an act of the Illinois Legislature, the District became responsible for stormwater management in Cook County.
- 2006** TARP Phase I 109-mile tunnel system completed; all four TARP tunnel systems in operation.
- 2007** District celebrated 100th anniversary of the Lockport Powerhouse and Dam.
- 2009** Construction of the Thornton Composite Reservoir began.
- 2010** District celebrated the 100th anniversary of the North Shore Channel.
- 2012** North Side Water Reclamation Plant renamed Terrence J. O'Brien Water Reclamation Plant.
- 2013** Board adopted the Watershed Management Ordinance, establishing uniform and minimum stormwater regulations throughout Cook County.
- 2014** District celebrated its 125th anniversary.
- 2015** Disinfection facility at the Calumet Water Reclamation Plant placed into operation. Thornton Composite Reservoir placed into operation.
- 2016** Phosphorus recovery facility placed into operation at the Stickney Water Reclamation Plant; implemented an ultraviolet disinfection process at the O'Brien Water Reclamation Plant; Board adopted the Resource Recovery Ordinance, which provides legal framework for resource recovery initiatives.
- 2017** Phase I of the McCook Reservoir completed.

BUILDING A RESILIENT COOK COUNTY

Flooding continues to be a major issue in Cook County, and since 2011 the District's stormwater management program has been aggressively working to minimize flooding damage by helping communities with local flooding issues, acquiring flood-prone properties, and partnering with municipalities and other local governments on large capital and green infrastructure projects.

Heritage Park, Wheeling

Completed in 2015, the Heritage Park Flood Control Facility in Wheeling provides compensatory storage for the Army Corps of Engineers' Levee 37, which protects over 600 homes and businesses along the Des Plaines River. The facility also provides local stormwater detention and was completed in coordination with the Wheeling Park District's master plan for recreational improvements.



Green Infrastructure, Blue Island

In 2014 and 2015, the District designed and constructed green infrastructure improvements in Blue Island to address urban flooding. These improvements included the construction of six rain gardens and two permeable parking areas.

Wescott Park, Northbrook

The District funded a control system for a 7.5 million gallon underground detention vault constructed at Wescott Park by the Village of Northbrook. The control system enables the use of stored stormwater to irrigate the park instead of entering the local sewer system. The project was completed in 2016.



Streambank Stabilization, Crestwood

To increase the conveyance capacity and stabilize eroded streambanks of Tinley Creek in Crestwood, in 2017 the District completed construction of a flood control and streambank stabilization project which will protect 173 structures, an existing bike path, a commercial building, two pedestrian bridges, and a potable water structure.

Addison Creek Reservoir, Bellwood

To reduce overbank flooding that impacts thousands of structures along Addison Creek from Northlake to Broadview, the District is constructing a 600 acre-foot reservoir which will include control and inlet structures, a spillway, and pump station. This project will be completed in 2020.



Albany Park Tunnel, Chicago

A partnership with the City of Chicago, the Albany Park Tunnel project includes an inlet structure on the North Branch of the Chicago River, an 18 foot diameter rock tunnel, and an outlet on the North Shore Channel. This project, which will reduce overbank flooding that impacts 336 structures, will be completed in 2018.



Metropolitan Water Reclamation District of Greater Chicago
100 East Erie Street • Chicago, Illinois 60611-3154



mwrdd.org

Front cover: James Wadsworth Elementary School's parking lot was transformed using green infrastructure elements through the Space to Grow partnership with the Chicago Public Schools, Chicago Department of Water Management, Healthy Schools Campaign, and Openlands.

**COMPARATIVE STATEMENT OF APPROPRIATIONS AND TAX LEVIES
2018-2016 ALL FUNDS**

APPROPRIATIONS	2018 **	2017 AS PASSED	2017 AS ADJUSTED *	2016 ACTUAL
FUND				
Corporate Fund	\$ 368,026,900	\$ 368,925,800	\$ 368,925,800	\$ 366,260,700
Construction Fund	26,080,600	34,450,400	34,450,400	36,614,400
Capital Improvements Bond Fund ***	312,344,900	354,625,600	354,625,600	483,764,800
Stormwater Management Fund	65,880,200	45,800,100	45,800,100	40,500,800
Retirement Fund	89,604,000	79,505,000	79,505,000	70,772,000
Reserve Claim Fund	30,289,500	30,617,100	30,617,100	30,175,900
Bond Redemption & Interest Fund	256,304,186	228,825,813	228,825,813	216,047,130
TOTAL	\$ 1,148,530,286	\$ 1,142,749,813	\$ 1,142,749,813	\$ 1,244,135,730
LEVIES				
Corporate Fund	\$ 240,465,800	\$ 223,946,065	\$ 223,946,065	\$ 226,742,879
Construction Fund	11,700,000	17,000,000	16,270,995	13,784,956
Stormwater Management Fund	47,826,000	40,856,008	40,856,008	34,250,000
Retirement Fund	71,534,197	73,438,135	73,438,135	65,161,200
Reserve Claim Fund	6,000,000	5,900,000	5,900,000	5,800,000
Subtotal	\$ 377,525,997	\$ 361,140,208	\$ 360,411,203	\$ 345,739,035
Bond Redemption & Interest Fund:				
Capital Improvement Bonds - Series:				
June 2016 QECB Series F	\$ 165,804	\$ 165,804	\$ 165,804	\$ 165,803
August 2009 Limited Tax Series	35,564,767	35,564,767	35,564,767	35,564,767
July 2011 Limited Tax Series B	28,911,239	41,406,315	41,406,315	20,230,925
July 2011 Unlimited Tax Series C	4,184,800	3,981,898	3,981,898	7,622,520
December 2014 Limited Tax Series C	6,763,472	3,240,156	3,240,156	15,540,933
December 2014 Unlimited Tax Series A	5,181,348	5,181,348	5,181,348	5,181,347
2014 Alt Rev Unlimited Tax Series B ****	3,390,570	3,389,171	3,389,171	3,387,824
2016 Alt Rev Unlimited Tax Series E ****	2,590,674	2,590,674	2,590,674	2,590,674
Alternate Revenue Abatement ****	-	-	-	(5,978,498)
June 2016 Unlimited Tax Series C	1,554,405	1,554,405	1,554,405	1,554,404
June 2016 Limited Tax Series D	1,036,270	1,036,270	1,036,270	1,036,269
State Revolving Fund Bonds - Series: Various	85,458,595	72,765,937	77,752,983	70,808,592
Refunding Bonds - Series:				
March 2007 Unlimited Tax Series A	26,623,057	26,509,845	26,509,845	25,279,534
March 2007 Unlimited Tax Series B	4,996,749	4,996,749	4,996,749	4,996,749
March 2007 Limited Tax Series C	5,541,607	5,541,607	5,541,607	5,541,607
December 2014 Limited Tax Series D	15,130,830	9,264,767	9,264,767	15,494,041
June 2016 Unlimited Tax Series A	14,555,959	14,555,959	14,555,959	14,555,959
June 2016 Limited Tax Series B	2,141,451	2,141,451	2,141,451	2,141,451
Subtotal Bond Redemption & Interest Fund	\$ 243,791,597	\$ 233,887,123	\$ 238,874,169	\$ 225,714,901
TOTAL	\$ 621,317,594	\$ 595,027,331	\$ 599,285,372	\$ 571,453,936
Abatement after the budget year ****	(6,152,228)	(5,979,845)	(6,150,829)	
Total (after planned abatement)	\$ 615,165,366	\$ 589,047,486	\$ 593,134,543	

NOTES: * As Adjusted reflects the 2016 Equalized Assessed Valuation (EAV) (\$140,752,201,171) estimated to increase 3.0 percent, plus any subsequent supplemental levies and/or appropriations.
 ** 2018 reflects an estimated 3.0 percent increase in the EAV from the 2017 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
2018-2016 ALL FUNDS**

Per \$100 in Equalized Assessed Valuation (EAV)

FUND		2018 **	2017 AS PASSED	2017 AS ADJUSTED *	2016 ACTUAL
	tax rate limit				
Corporate Fund	41 ¢	16.11 ¢	16.20 ¢	15.45 ¢	16.11 ¢
Construction Fund	10 ¢	0.78	1.23	1.12	0.98
Stormwater Management Fund	5 ¢	3.20	2.96	2.82	2.43
Retirement Fund		4.79	5.31	5.07	4.63
Reserve Claim Fund	½ ¢	0.40	0.43	0.41	0.41
Subtotal		<u>25.28 ¢</u>	<u>26.13 ¢</u>	<u>24.87 ¢</u>	<u>24.56 ¢</u>
Bond Redemption & Interest Fund:					
Capital Improvement Bonds - Series:					
June 2016 QECCB Series F		0.01 ¢	0.01 ¢	0.01 ¢	0.01 ¢
August 2009 Limited Tax Series		2.38	2.57	2.45	2.53
July 2011 Limited Tax Series B		1.94	3.00	2.86	1.44
July 2011 Unlimited Tax Series C		0.28	0.29	0.27	0.54
December 2014 Limited Tax Series C		0.45	0.23	0.22	1.10
December 2014 Unlimited Tax Series A		0.35	0.37	0.36	0.37
2014 Alt Rev Unlimited Tax Series B ***		0.23	0.25	0.23	0.24
2016 Alt Rev Unlimited Tax Series E ***		0.17	0.19	0.18	0.18
Alternate Revenue Abatement ***		-	-	-	(0.42)
June 2016 Unlimited Tax Series C		0.10	0.11	0.11	0.11
June 2016 Limited Tax Series D		0.07	0.07	0.07	0.07
State Revolving Fund Bonds - Series:					
Various		5.72	5.26	5.36	5.03
Refunding Bonds - Series:					
March 2007 Unlimited Tax Series A		1.78	1.92	1.83	1.80
March 2007 Unlimited Tax Series B		0.33	0.36	0.34	0.36
March 2007 Limited Tax Series C		0.37	0.40	0.38	0.39
December 2014 Limited Tax Series D		1.01	0.67	0.64	1.10
June 2016 Unlimited Tax Series A		0.97	1.05	1.00	1.03
June 2016 Limited Tax Series B		0.14	0.15	0.15	0.15
Subtotal Bond Redemption & Interest Fund		<u>16.30 ¢</u>	<u>16.90 ¢</u>	<u>16.46 ¢</u>	<u>16.03 ¢</u>
TOTAL		<u><u>41.58 ¢</u></u>	<u><u>43.03 ¢</u></u>	<u><u>41.33 ¢</u></u>	<u><u>40.59 ¢</u></u>

NOTES: * As Adjusted reflects the 2016 EAV (\$140,752,201,171) estimated to increase 3.0 percent, plus any subsequent supplemental levies and/or appropriations.

** 2018 reflects an estimated 3.0 percent increase in the EAV from the 2017 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
2018 - 2017 ALL FUNDS**

ORGANIZATION OR FUND	Account Appropriation		Increase (Decrease) 2018 - 2017	
	2018	2017*	Dollars	Percent
Board of Commissioners	\$ 5,102,500	\$ 4,496,300	\$ 606,200	13.5
General Administration	16,606,200	17,387,400	(781,200)	(4.5)
Monitoring & Research	31,365,400	31,270,400	95,000	0.3
Procurement & Materials Management	9,402,600	9,567,100	(164,500)	(1.7)
Human Resources	59,111,200	60,905,400	(1,794,200)	(2.9)
Information Technology	16,904,300	17,358,600	(454,300)	(2.6)
Law	7,417,700	8,386,100	(968,400)	(11.5)
Finance	3,680,300	3,684,400	(4,100)	(0.1)
Maintenance & Operations:				
General Division	25,959,200	26,761,600	(802,400)	(3.0)
North Service Area	42,111,900	42,055,300	56,600	0.1
Calumet Service Area	36,213,600	37,210,100	(996,500)	(2.7)
Stickney Service Area	86,302,100	81,007,700	5,294,400	6.5
TOTAL Maintenance & Operations	\$ 190,586,800	\$ 187,034,700	\$ 3,552,100	1.9
Engineering	27,849,900	28,835,400	(985,500)	(3.4)
TOTAL Corporate Fund	\$ 368,026,900	\$ 368,925,800	\$ (898,900)	(0.2)
Construction Fund	26,080,600	34,450,400	(8,369,800)	(24.3)
Capital Improvements Bond Fund	312,344,900	354,625,600	(42,280,700)	(11.9)
TOTAL Capital Budget	\$ 338,425,500	\$ 389,076,000	\$ (50,650,500)	(13.0)
Stormwater Management Fund	65,880,200	45,800,100	20,080,100	43.8
Bond Redemption & Interest Fund	256,304,186	228,825,813	27,478,373	12.0
Retirement Fund	89,604,000	79,505,000	10,099,000	12.7
Reserve Claim Fund	30,289,500	30,617,100	(327,600)	(1.1)
GRAND TOTAL	<u>\$1,148,530,286</u>	<u>\$1,142,749,813</u>	<u>\$ 5,780,473</u>	<u>0.5</u>

*Adjusted Appropriation

**PERSONNEL SUMMARY COMPARISON
2018 - 2016 ALL FUNDS**

ORGANIZATION OR FUND	Proposed FTEs 2018	Budgeted FTEs 2017	Actual FTEs 2016	Increase (Decrease) 2018 - 2017	
				FTEs	Percent
Board of Commissioners	38	38	38	-	-
General Administration	121	123	121	(2)	(1.6)
Monitoring & Research	312	309	305	3	1.0
Procurement & Materials Management	63	63	62	-	-
Human Resources	91	141	73	(50)	(35.5)
Information Technology	73	75	64	(2)	(2.7)
Law	37	38	36	(1)	(2.6)
Finance	28	28	28	-	-
Maintenance & Operations:					
General Division	107	115	86	(8)	(7.0)
North Service Area	245	247	256	(2)	(0.8)
Calumet Service Area	185	188	196	(3)	(1.6)
Stickney Service Area	367	372	385	(5)	(1.3)
TOTAL Maintenance & Operations	904	922	923	(18)	(2.0)
Engineering	242	246	242	(4)	(1.6)
TOTAL Corporate Fund	1,909	1,983	1,892	(74)	(3.7)
Construction Fund	-	-	-	-	-
Capital Improvements Bond Fund	-	-	-	-	-
TOTAL Capital Budget	-	-	-	-	-
Stormwater Management Fund	57	59	59	(2)	(3.4)
Bond Redemption & Interest Fund	-	-	-	-	-
Retirement Fund	-	-	-	-	-
Reserve Claim Fund	-	-	-	-	-
GRAND TOTAL	1,966	2,042	1,951	(76)	(3.7)

ALL FUNDS
SUMMARY OF REVENUE, EXPENDITURES, AND NET ASSETS APPROPRIABLE (b)
2018 BUDGETED, 2017 ESTIMATED, AND 2016 ACTUAL

(In Thousands)

	FUND							TOTAL
	CORPORATE	CAPITAL IMPROVEMENTS BOND	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT (d)	BOND REDEMPTION & INTEREST (d)	RESERVE CLAIM (d)	
2018 BUDGETED								
Net Assets Appropriable	\$ 132,028.9	\$ (626,092.7)	\$ 14,740.6	\$ 26,050.8	\$ 89,604.0	\$ 249,533.6	\$ 29,989.5	\$ (84,145.3)
Net Assets Appropriated	\$ 31,932.9	\$ (626,092.7)	\$ 14,740.6	\$ 26,050.8	\$ 89,604.0	\$ 249,533.6	\$ 29,989.5	\$ (184,241.3)
Revenue	336,094.0	938,437.6	11,340.0	39,829.4	-	6,770.6	300.0	1,332,771.6
Appropriation	\$ 368,026.9	\$ 312,344.9	\$ 26,080.6	\$ 65,880.2	\$ 89,604.0	\$ 256,304.2	\$ 30,289.5	\$ 1,148,530.3
2017 ESTIMATED								
Beginning Net Assets Appropriable as adjusted (c)	\$ 142,061.5	\$ (549,041.4)	\$ 6,384.0	\$ 13,843.2	\$ 79,505.0	\$ 224,536.5	\$ 31,455.6	\$ (51,255.6)
Revenue (a)	322,045.2	153,769.5	24,070.0	38,971.2	-	4,289.3	243.0	543,388.2
Adjustment for 2017 receipts	5,391.3	-	456.0	(500.1)	-	-	-	5,347.2
Expenditures	(337,469.1)	(230,820.8)	(16,169.4)	(26,263.5)	(79,505.0)	(228,825.8)	(9,626.3)	(928,679.9)
Ending Net Assets Appropriable	\$ 132,028.9	\$ (626,092.7)	\$ 14,740.6	\$ 26,050.8	\$ -	\$ -	\$ 22,072.3	\$ (431,200.1)
2016 ACTUAL								
Beginning Net Assets Appropriable as adjusted (c)	\$ 145,889.3	\$ (609,914.9)	\$ 13,467.8	\$ 10,163.7	\$ 70,772.0	\$ 211,354.6	\$ 30,210.0	\$ (128,057.5)
Revenue	331,601.0	314,839.6	14,060.3	33,339.1	-	4,292.7	405.2	698,537.9
Expenditures	(335,428.8)	(253,966.1)	(21,144.1)	(29,659.6)	(70,772.0)	(215,647.3)	(4,786.4)	(931,404.3)
Ending Net Assets Appropriable	\$ 142,061.5	\$ (549,041.4)	\$ 6,384.0	\$ 13,843.2	\$ -	\$ -	\$ 25,828.8	\$ (360,923.9)
Adjusted NAA 1/1/2017	\$ 147,452.8		\$ 6,840.0	\$ 13,343.1				
Adjustment (a)	\$ 5,391.3		\$ 456.0	\$ (500.1)				

(a) Adjustment to NAA required due to current 2017 estimate on collection of property tax levies and PPRT. See the Balance Sheets and Appropriable Revenue statements 1/1/2017 for the Corporate (pages 85-86), Construction (pages 92-93), and Stormwater Management (pages 96-97) Funds. The adjustment is reflected in the 2017 revenues.

(b) This statement is a summary presentation of pages 74-77, 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, Reserve Claim, and Bond Redemption & Interest 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
2018 BUDGETED**

(In Thousands)

	FUND							TOTAL
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	
REVENUE								
Net Assets Appropriable	\$ 132,028.9	\$ (626,092.7)	\$ 14,740.6	\$ 26,050.8	\$ 89,604.0	\$ 249,533.6	\$ 29,989.5	\$ (84,145.3)
Budget Reserve	(100,096.0)	-	-	-	-	-	-	(100,096.0)
Net Property Taxes	232,049.5	-	11,290.5	46,152.1	-	-	-	289,492.1
Personal Property Replacement Tax	19,849.5	-	-	-	-	-	-	19,849.5
Working Cash Borrowings Adjustment	(4,599.0)	-	(190.5)	(752.1)	-	-	-	(5,541.6)
Bond Sales (Present & Future)	-	775,643.1	-	-	-	-	-	775,643.1
Grants (Federal & State)	-	11,294.5	-	-	-	-	-	11,294.5
Investment Income	1,300.0	3,700.0	200.0	200.0	-	1,000.0	300.0	6,700.0
State Revolving Fund Loans	-	150,000.0	-	-	-	-	-	150,000.0
Property & Services	22,400.0	-	-	-	-	-	-	22,400.0
User Charge	46,000.0	-	-	-	-	-	-	46,000.0
TIF Differential Fee & Impact Fee	9,725.0	-	40.0	-	-	-	-	9,765.0
Equity Transfer	4,200.0	(4,200.0)	-	(5,770.6)	-	5,770.6	-	-
Resource Recovery	1,600.0	-	-	-	-	-	-	1,600.0
Miscellaneous	3,569.0	2,000	-	-	-	-	-	5,569.0
TOTAL REVENUE	\$ 368,026.9	\$ 312,344.9	\$ 26,080.6	\$ 65,880.2	\$ 89,604.0	\$ 256,304.2	\$ 30,289.5	\$ 1,148,530.3
EXPENDITURES								
Board of Commissioners	\$ 5,102.5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,102.5
General Administration	16,606.2	-	-	-	-	-	-	16,606.2
Monitoring & Research	31,365.4	-	-	-	-	-	-	31,365.4
Procurement & Materials Mgmt.	9,402.6	-	-	-	-	-	-	9,402.6
Human Resources	59,111.2	-	-	-	-	-	-	59,111.2
Information Technology	16,904.3	-	-	-	-	-	-	16,904.3
Law	7,417.7	-	-	-	-	-	-	7,417.7
Finance	3,680.3	-	-	-	-	-	-	3,680.3
Engineering	27,849.9	312,344.9	26,080.6	-	-	-	-	366,275.4
Maintenance & Operations	190,586.8	-	-	-	-	-	-	190,586.8
Stormwater Management Fund	-	-	-	65,880.2	-	-	-	65,880.2
Retirement Fund	-	-	-	-	89,604.0	-	-	89,604.0
Bond Redemption & Interest Fund	-	-	-	-	-	256,304.2	-	256,304.2
Reserve Claim Fund	-	-	-	-	-	-	30,289.5	30,289.5
TOTAL EXPENDITURES	\$ 368,026.9	\$ 312,344.9	\$ 26,080.6	\$ 65,880.2	\$ 89,604.0	\$ 256,304.2	\$ 30,289.5	\$ 1,148,530.3

* 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
2017 ESTIMATED**

(In Thousands)

	FUND							
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	TOTAL
REVENUE								
Net Assets Appropriable	\$ 142,061.5	\$ (549,041.4)	\$ 6,384.0	\$ 13,843.2	\$ 79,505.0	\$ 224,536.5	\$ 31,455.6	\$ (51,255.6)
Adjustment for Receipts	5,391.3	-	456.0	(500.1)	-	-	-	5,347.2
Net Property Taxes	216,108.0	-	16,405.0	39,426.0	-	-	-	271,939.0
Personal Property Replacement Tax	18,164.0	-	-	-	-	-	-	18,164.0
Working Cash Borrowings Adjustment	(4,272.0)	-	(205.0)	(626.0)	-	-	-	(5,103.0)
Bond Sales (Present & Future)	-	-	-	-	-	-	-	-
Grants (Federal & State)	-	11,294.5	-	-	-	-	-	11,294.5
Investment Income	1,093.0	3,475.0	125.0	122.0	-	1,020.0	243.0	6,078.0
State Revolving Fund Loans	-	150,000.0	-	-	-	-	-	150,000.0
Property & Services	22,050.2	-	-	-	-	-	-	22,050.2
User Charge	47,000.0	-	-	-	-	-	-	47,000.0
TIF Differential Fee & Impact Fee	11,725.0	-	745.0	-	-	-	-	12,470.0
Equity Transfer	6,000	(13,000)	7,000	-	-	3,269.3	-	3,269.3
Miscellaneous	4,177.0	2,000.0	-	49.2	-	-	-	6,226.2
TOTAL REVENUE	\$ 469,498.0	\$ (395,271.9)	\$ 30,910.0	\$ 52,314.3	\$ 79,505.0	\$ 228,825.8	\$ 31,698.6	\$ 497,479.8
EXPENDITURES								
Board of Commissioners	\$ 4,241.2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	4,241.2
General Administration	16,110.9	-	-	-	-	-	-	16,110.9
Monitoring & Research	29,328.7	-	-	-	-	-	-	29,328.7
Procurement & Materials Mgmt.	8,931.9	-	-	-	-	-	-	8,931.9
Human Resources	54,292.4	-	-	-	-	-	-	54,292.4
Information Technology	15,201.4	-	-	-	-	-	-	15,201.4
Law	7,645.3	-	-	-	-	-	-	7,645.3
Finance	3,528.3	-	-	-	-	-	-	3,528.3
Engineering	25,243.8	230,820.8	16,169.4	-	-	-	-	272,234.0
Maintenance & Operations	172,945.2	-	-	-	-	-	-	172,945.2
Stormwater Management Fund	-	-	-	22,994.2	-	-	-	22,994.2
Retirement Fund	-	-	-	-	79,505.0	-	-	79,505.0
Bond Redemption & Interest Fund	-	-	-	-	-	228,825.8	-	228,825.8
Reserve Claim Fund	-	-	-	-	-	-	9,626.3	9,626.3
Equity Transfer	-	-	-	3,269.3	-	-	-	3,269.3
TOTAL EXPENDITURES	\$ 337,469.1	\$ 230,820.8	\$ 16,169.4	\$ 26,263.5	\$ 79,505.0	\$ 228,825.8	\$ 9,626.3	\$ 928,679.9

* 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.

**CORPORATE FUND
ESTIMATED BALANCE SHEET
JANUARY 1, 2018 AND 2017**

	ASSETS		2017	
	2018			
	AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
CURRENT ASSETS				
Cash & Investments	\$ 122,000,000	\$ 122,000,000	\$ 102,800,000	\$ 102,800,000
Taxes Receivable	216,107,953	216,737,459	218,195,475	218,828,128
Replacement Tax	18,164,000	18,164,000	17,675,500	17,675,500
Total Current Assets	\$ 356,271,953	\$ 356,901,459	\$ 338,670,975	\$ 339,303,628
LIABILITIES & FUND EQUITY				
CURRENT LIABILITIES				
Unpaid Bills:				
Accrued Salaries & Wages	\$ 3,850,000	\$ 3,850,000	\$ 2,827,328	\$ 2,827,328
Personal Services - Other	1,022,559	1,022,559	-	-
Payroll Withholding & Miscellaneous	2,000,000	2,000,000	2,500,000	2,500,000
Contractual Services	28,000,000	28,000,000	18,045,000	18,045,000
Due to Corporate Working Cash Fund	190,000,000	190,000,000	180,000,000	180,000,000
Total Current Liabilities	\$ 224,872,559	\$ 224,872,559	\$ 203,372,328	\$ 203,372,328
Total Liabilities & Designations		\$ 224,872,559		\$ 203,372,328
ASSETS APPROPRIABLE FOR 2018 & 2017				
Net Assets Appropriable		\$ 132,028,900		\$ 135,931,300
Budget Reserve		\$ (100,096,000)		\$ (89,098,500)
Net Assets Appropriated		\$ 31,932,900		\$ 46,832,800
Estimated Revenue		\$ 336,094,000		\$ 322,093,000
Total Assets Appropriable		\$ 368,026,900		\$ 368,925,800
FUND EQUITY				
Undesignated	\$ 131,399,394		\$ 135,298,647	
Total Fund Equity	\$ 131,399,394		\$ 135,298,647	
Total Liabilities & Fund Equity	\$ 356,271,953		\$ 338,670,975	

**CORPORATE FUND
APPROPRIABLE REVENUE
2018 - 2015**

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2018 BUDGET	2017 ADJUSTED	2017 BUDGET	2016	2015
Revenue from Property Taxes					
Gross Tax Levy	\$ 240,465,800	\$ 223,946,065	\$ 223,946,065	\$ 226,109,300	\$ 227,196,000
Less Allowance for Uncollectible Taxes	(8,416,303)	(7,838,112)	(7,838,112)	(7,913,826)	(7,951,860)
Net Property Taxes	\$ 232,049,497	\$ 216,107,953	\$ 216,107,953	\$ 218,195,474	\$ 219,244,140
Revenue from Personal Property					
Replacement Tax	\$ 19,849,500	\$ 18,164,000	\$ 18,164,000	\$ 24,676,000	\$ 20,101,600
Net Tax Sources	\$ 251,898,997	\$ 234,271,953	\$ 234,271,953	\$ 242,871,474	\$ 239,345,740
Adjustment to match working cash borrowings	(4,598,997)	(4,271,953)	(4,271,953)	(4,671,474)	(4,445,740)
Working Cash Financing at 95% of Gross Tax Sources	\$ 247,300,000	\$ 230,000,000	\$ 230,000,000	\$ 238,200,000	\$ 234,900,000
Investment Income	\$ 1,300,000	\$ 1,093,000	\$ 600,000	\$ 1,020,669	\$ 1,003,361
Land Rentals	21,500,000	21,000,000	19,000,000	20,458,550	18,731,872
Sewer Permit Fees	900,000	1,000,000	900,000	1,007,195	1,078,886
Sewer Service Agreement Revenue	1,500,000	1,500,000	1,500,000	1,497,979	1,507,667
User Charge	46,000,000	47,000,000	47,000,000	44,487,370	48,176,512
Resource Recovery	1,600,000	150,000	4,000,000	-	-
Lockport Electricity Generation	1,000,000	1,200,000	1,000,000	1,176,146	1,236,698
Miscellaneous (details below)	10,794,000	13,102,200	12,093,000	12,438,302	12,624,456
Subtotal	\$ 84,594,000	\$ 86,045,200	\$ 86,093,000	\$ 82,086,211	\$ 84,359,452
Adjustment to Net Assets Available for Projected Receipts	-	5,391,307	-	11,314,834	17,607,678
Equity Transfer	4,200,000	6,000,000	6,000,000	-	-
GRAND TOTAL	\$ 336,094,000	\$ 327,436,507	\$ 322,093,000	\$ 331,601,045	\$ 336,867,130
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Components of Miscellaneous					
TIF Surplus Distribution	\$ 9,500,000	\$ 11,500,000	\$ 10,800,000	\$ 8,431,979	\$ 5,943,460
TIF Differential Fee	225,000	225,000	225,000	225,000	225,000
Land Sales	-	50,200	-	1,233,562	3,164,016
Claims & Damage Settlements	-	200,500	-	186,573	55,090
Scrap Sales	50,000	85,000	50,000	67,015	137,817
Sales of Automobiles	16,000	35,000	15,000	23,707	72,855
Interest on Taxes - Cook County Treasurer	3,000	3,000	3,000	3,774	3,637
Other	1,000,000	1,003,500	1,000,000	2,266,692	3,022,581
Total	\$ 10,794,000	\$ 13,102,200	\$ 12,093,000	\$ 12,438,302	\$ 12,624,456

**CORPORATE FUND
FINANCING
2018 - 2013**

	ESTIMATED			ACTUAL			
	2018 (1)	2017 REVISED	2017 ORIGINAL	2016	2015	2014	2013
BORROWINGS							
Working Cash Loans Current Year	\$ 247,300,000	\$ 190,000,000	\$ 230,000,000	\$ 190,000,000	\$ 190,000,000	\$ 236,200,000	\$ 190,000,000
Working Cash Loans Prior Year	-	-	-	-	-	-	-
Total Borrowings	\$ 247,300,000	\$ 190,000,000	\$ 230,000,000	\$ 190,000,000	\$ 190,000,000	\$ 236,200,000	\$ 190,000,000
REPAYMENTS							
Working Cash Loans Repaid Current	\$ 190,000,000	\$ 190,000,000	\$ 190,000,000	\$ 190,000,000	\$ 190,000,000	\$ 190,000,000	\$ 257,600,000
Working Cash Loans Repaid Prior	-	-	-	-	-	-	-
Total Repayments	\$ 190,000,000	\$ 257,600,000					

(1) FINANCING LIMITATION

	2018 (In Millions)
Property Tax Levy	\$ 240.5
Personal Property Replacement Tax	19.8
Total	\$ 260.3
* Borrowing Limitation	95.0 %
Total Available for Financing	\$ 247.3

* Statutory limitation is 100%

**CAPITAL IMPROVEMENTS BOND FUND
ESTIMATED BALANCE SHEET
JANUARY 1, 2018 AND 2017**

	<u>ASSETS</u>		<u>2017</u>	
	<u>AMOUNT</u>	<u>AVAILABLE FOR APPROPRIATION</u>	<u>AMOUNT</u>	<u>AVAILABLE FOR APPROPRIATION</u>
CURRENT ASSETS				
Cash & Investments	\$ 337,222,198	\$ 337,222,198	\$ 138,400,400	\$ 138,400,400
Grants Receivable	941,207	941,207	932,932	932,932
State Revolving Fund Loans Receivable	150,000,000	150,000,000	150,000,000	150,000,000
Total Current Assets	\$ 488,163,405	\$ 488,163,405	\$ 289,333,332	\$ 289,333,332
 LIABILITIES & FUND EQUITY				
CURRENT LIABILITIES				
Unpaid Bills:				
Contractual Services	\$ 73,937,199	\$ 73,937,199	\$ 73,761,112	\$ 73,761,112
Contracts Payable	1,040,318,906	1,040,318,906	833,423,020	833,423,020
Total Current Liabilities	\$ 1,114,256,105	\$ 1,114,256,105	\$ 907,184,132	\$ 907,184,132
Designated for Future Claims Liabilities	-	-	-	-
Total Liabilities	\$ 1,114,256,105	\$ 1,114,256,105	\$ 907,184,132	\$ 907,184,132
 ASSETS APPROPRIABLE				
Net Assets Appropriable		\$ (626,092,700)		\$ (617,850,800)
Net Assets Appropriated		(626,092,700)		(617,850,800)
Estimated Revenue		938,437,600		972,476,400
Total Assets Appropriable		\$ 312,344,900		\$ 354,625,600
FUND EQUITY	\$ (626,092,700)		\$ (617,850,800)	
Total Liabilities & Fund Equity	\$ 488,163,405		\$ 289,333,332	

CAPITAL IMPROVEMENTS BOND FUND
APPROPRIABLE REVENUE
2018 - 2015

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2018 BUDGET	2017 ADJUSTED	2017 BUDGET	2016	2015
Revenue from Money & Property					
Bond Sales (Present & Future)	\$ 775,643,100	\$ -	\$ 791,341,276	\$ 125,003,513	\$ -
Investment Income	3,700,000	3,475,000	3,000,000	2,395,116	2,278,586
Subtotal	\$ 779,343,100	\$ 3,475,000	\$ 794,341,276	\$ 127,398,629	\$ 2,278,586
Revenue from Miscellaneous Sources					
Federal & State Grants	\$ 11,294,500	\$ 11,294,482	\$ 11,135,124	\$ 11,233,702	\$ 11,165,154
State Revolving Fund Loans	150,000,000	150,000,000	180,000,000	173,739,000	180,840,600
Miscellaneous	2,000,000	2,000,000	-	2,468,262	2,481,873
Subtotal	\$ 163,294,500	\$ 163,294,482	\$ 191,135,124	\$ 187,440,964	\$ 194,487,627
Total Revenue	\$ 942,637,600	\$ 166,769,482	\$ 985,476,400	\$ 314,839,593	\$ 196,766,213
Other Financing Sources (Uses)					
Equity Transfer	\$ (4,200,000)	\$ (13,000,000)	\$ (13,000,000)	\$ -	\$ -
GRAND TOTAL	\$ 938,437,600	\$ 153,769,482	\$ 972,476,400	\$ 314,839,593	\$ 196,766,213

**CONSTRUCTION FUND
ESTIMATED BALANCE SHEET
JANUARY 1, 2018 AND 2017**

ASSETS

	2018		2017	
	AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
CURRENT ASSETS				
Cash & Investments	\$ 13,926,461	\$ 13,926,461	\$ 8,693,360	\$ 8,693,360
Taxes Receivable	16,405,000	16,454,139	16,019,000	16,071,140
Replacement Tax	-	-	1,100,000	1,100,000
Total Current Assets	\$ 30,331,461	\$ 30,380,600	\$ 25,812,360	\$ 25,864,500

LIABILITIES & FUND EQUITY

CURRENT LIABILITIES

Unpaid Bills:				
Contracts Payable	\$ 2,340,000	\$ 2,340,000	\$ 3,162,000	\$ 3,162,000
Contractual Services	1,300,000	1,300,000	-	-
Machinery & Equipment	-	-	297,100	297,100
Due to:				
Construction Working Cash Fund	12,000,000	12,000,000	12,000,000	12,000,000
Total Current Liabilities	\$ 15,640,000	\$ 15,640,000	\$ 15,459,100	\$ 15,459,100
Total Current Liabilities and Designations		\$ 15,640,000		\$ 15,459,100

ASSETS APPROPRIABLE FOR 2018 AND 2017

Net Assets Appropriable	\$ 14,740,600	\$ 10,405,400
Net Assets Appropriated	\$ 14,740,600	\$ 10,405,400
Estimated Revenue	11,340,000	24,045,000
Total Assets Appropriable	\$ 26,080,600	\$ 34,450,400

FUND EQUITY

Designated for Future Claims Liabilities	\$ -	\$ -
Undesignated	14,691,461	10,353,260
Total Fund Equity	\$ 14,691,461	\$ 10,353,260
Total Liabilities & Fund Equity	\$ 30,331,461	\$ 25,812,360

**CONSTRUCTION FUND FINANCING
2018 - 2013**

	ESTIMATED			ACTUAL			
	2018 (1)	2017 REVISED	2017 ORIGINAL	2016	2015	2014	2013
BORROWINGS							
Working Cash Loans	\$ 11,100,000	\$ 12,000,000	\$ 16,200,000	\$ 12,000,000	\$ 12,000,000	\$ 10,000,000	\$ 7,000,000
Total Borrowings	\$ 11,100,000	\$ 12,000,000	\$ 16,200,000	\$ 12,000,000	\$ 12,000,000	\$ 10,000,000	\$ 7,000,000
REPAYMENTS							
Working Cash Loans Repaid							
- Current	\$ 12,000,000	\$ 12,000,000	\$ 12,000,000	\$ 12,000,000	\$ 10,000,000	\$ 7,000,000	\$ 13,200,000
- Prior Year	-	-	-	-	-	-	-
Total Repayments	\$ 12,000,000	\$ 12,000,000	\$ 12,000,000	\$ 12,000,000	\$ 10,000,000	\$ 7,000,000	\$ 13,200,000

(1) FINANCING LIMITATION

2018 (In Millions)	
Property Tax Levy	\$ 11.7
Personal Property Replacement Tax	-
Total	\$ 11.7
Borrowing Limitation *	95% * Statutory limitation is 100%
Total Available for Financing	\$ 11.1

**CONSTRUCTION FUND
APPROPRIABLE REVENUE
2018 - 2015**

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2018 BUDGET	2017 ADJUSTED	2017 BUDGET	2016	2015
Revenue from Property Taxes					
Gross Tax Levy	\$ 11,700,000	\$ 17,000,000	\$ 17,000,000	\$ 16,600,000	\$ 16,500,000
Less: Allowance for Uncollectible Taxes	(409,500)	(595,000)	(595,000)	(581,000)	(577,500)
Net Property Taxes	\$ 11,290,500	\$ 16,405,000	\$ 16,405,000	\$ 16,019,000	\$ 15,922,500
Revenue from Personal Property Replacement Tax	-	-	-	1,100,000	-
Net Tax Sources	\$ 11,290,500	\$ 16,405,000	\$ 16,405,000	\$ 17,119,000	\$ 15,922,500
Adjustment to Match Working Cash Borrowings	(190,500)	(205,000)	(205,000)	(319,000)	(622,500)
Working Cash Financing (Maximum 95% of Gross Tax Sources)	11,100,000	16,200,000	16,200,000	16,800,000	15,300,000
Connection Impact Fees	40,000	745,000	745,000	1,491,000	745,500
Investment Income	200,000	125,000	100,000	178,062	388,074
Miscellaneous	-	-	-	43,039	821
User Charge	-	-	-	-	300,000
Equity Transfer from the Capital Improvement Bond Fund	-	7,000,000	7,000,000	-	-
Subtotal	\$ 240,000	\$ 7,870,000	\$ 7,845,000	\$ 1,712,101	\$ 1,434,395
Adjustment to Net Assets Available for Projected Receipts	-	455,991	-	(4,451,822)	(727,115)
Total	\$ 11,340,000	\$ 24,525,991	\$ 24,045,000	\$ 14,060,279	\$ 16,007,280

Construction Fund Program

<u>Projects Under Construction</u>			Est.	MWRD		Award
#	Project Name	Project Number	Construc- tion Cost	2018 Appro- piation	Dura- tion (days)	/ Est. Award Date
1	FD&I New Tank Drives, LWRP	14-806-21	\$ 1,132	\$ 160	1,365	Sep-14
2	Membrane Gas Holder Replacement and Digester Cleaning, EWRP	11-403-2P	5,660	337	1,182	Nov-14
3	Parking Lot Replacement, EWRP	14-714-21	1,462	63	853	Oct-15
4	Rehabilitate the Digester Gas Turbine, SWRP	15-913-21	2,038	293	695	May-16
5	F&D Six Grit Pumps, CWRP	16-810-21	102	102	572	Oct-16
6	Industrial Waste Division and Construction Office Renovation, CWRP	16-268-2V	2,546	1,269	621	Nov-16
7	Applicant Management and Tracking, Onboarding, and Performance Management Systems	16-RFP-02	147	99	590	Nov-16
8	FD&I Upgraded Vacuum System at the 95th Street Pumping Station, CSA	16-806-21	286	86	407	Apr-17
9	F&D Stake Body Truck and Dump Truck, NSA	17-703-21	265	164	288	Jun-17
10	Recondition Raw Sewage Pump Motor No. 3, KWRP	17-710-21	127	110	243	Aug-17
11	Automated CAFR and Budget Solution	17-RFP-22	25	10	167	Sep-17
12	Television Inspection and Recording of Sewers and Manholes, District-wide	13-806-2S	1,944	800	1,096	Oct-17
13	FD&I Upgraded Coarse Screen Conveyor System at the North Branch Pumping Station, NSA	16-704-21	201	201	400	Oct-17
14	Rehabilitate One Raw Sewage Pump Rotating Assembly, OWRP	17-705-21	178	178	424	Nov-17
15	FD&I Boiler for Equipment Garage, CWRP	16-805-21	240	240	254	Dec-17
16	F&D Enhanced Bio-P Control Equipment, NSA	17-609-21	240	170	130	Dec-17
17	F&D Uninterruptible Power Supplies, KWRP and EWRP	17-611-21	66	66	130	Dec-17
18	Local Sewer System Section Permit Database	17-RFP-09	50	50	365	Dec-17
Total Projects Under Construction			\$ 16,709	\$ 4,398		
<u>Awards in 2018</u>			Est.	MWRD		Est.
#	Project Name	Project Number	Construc- tion Cost	2018 Appro- piation	Dura- tion (days)	Award Date
1	F&D Two Air Lift Blowers, EWRP	17-704-21	\$ 150	\$ 150	107	Jan-18
2	Employee Benefits Software	17-RFP-37	75	75	364	Jan-18
3	Rehabilitation of Blower No. 9, CWRP	18-803-21	450	450	364	Jan-18
4	Paint and Carpet Replacement, MOB	J15090-068	425	425	119	Jan-18
5	Enhancements to WorkForce System	MWD0000003FI	50	50	88	Jan-18
6	FD&I Fire Detection Systems, Various Locations	18-604-21	560	560	333	Feb-18
7	F&D Fine Screens, Grit Classifier, and Screw Conveyors, HPWRP and SWRP	18-608-21	580	580	272	Feb-18
8	F&D Bio-P Control Equipment, NSA	18-702-21	70	70	333	Feb-18
9	F&D Turbo Blower for Process Air, HPWRP	18-705-21	185	185	211	Feb-18
10	FD&I Grit Screw Conveyor, CWRP	18-802-21	300	300	241	Feb-18
11	Recondition Circuit Breakers, SSA	18-914-21	200	200	272	Feb-18
12	Installation of Drain Tile and Bioreactors, Fulton County	16-605-21	150	150	305	Mar-18
13	Rehabilitate Gloria Alitto Majewski Reservoir, KWRP	16-708-21	600	600	305	Mar-18
14	Microvi Pilot, OWRP	18-180-21	250	250	305	Mar-18

Awards in 2018 (continued)			Est.	MWRD		Est.
#	Project Name	Project Number	Construc- tion Cost	2018 Appro- piation	Dura- tion (days)	Award Date
15	F&D Submersible Pump, CSA	18-601-21	\$ 200	\$ 200	91	Mar-18
16	F&D Hydraulic Submersible Pump, EWRP	18-703-21	50	50	152	Mar-18
17	FD&I Influent Gate Actuators, OWRP	18-708-21	200	200	150	Mar-18
18	F&D Motor Excitation Control Equipment, SWRP	18-901-21	290	290	305	Mar-18
19	Rehabilitation of Elevators, MOB	J15090-054	400	400	152	Mar-18
20	Replace Air Conditioning Unit at Waterways Control Center, MOB	J15090-065	20	20	121	Mar-18
21	Performance Management Software	MWD0000007HR	25	25	213	Mar-18
22	Network Communication Switches	MWD0000015IT	406	406	305	Mar-18
23	F&D Programmable Logic Controllers, Chicago River Controlling Works	17-602-21	90	90	274	Apr-18
24	FD&I Headrace Handrail, Guardrail, and Fence, LPH	17-604-21	50	50	121	Apr-18
25	Rehabilitate Raw Sewage Pump Rotating Assemblies, Various Locations	18-610-21	625	200	730	Apr-18
26	HVAC Equipment Replacement, Various Locations	18-611-21	1,350	875	639	Apr-18
27	Roof Replacement, HPWRP	18-707-21	490	490	274	Apr-18
28	F&D Four Scum Pumps, SWRP	18-902-21	100	100	152	Apr-18
29	F&D Stainless Steel Tandem Tanker Trailer, SWRP	18-904-21	70	70	274	Apr-18
30	F&D Submersible Slurry Gate Pumping System, SWRP	18-905-21	75	75	274	Apr-18
31	Replace Media in Cooling Towers, SWRP	18-910-21	110	110	213	Apr-18
32	FD&I Louvers for TARP Drop Shafts, SSA	18-911-21	500	500	213	Apr-18
33	Skylight Replacement, SWRP	18-912-21	400	400	274	Apr-18
34	Roof Life Extension, MOB	J15090-064	250	250	121	Apr-18
35	Avaya Telecom Project	MWD0000013IT	164	164	274	Apr-18
36	F&D Interoperable Distributed Control System Workstations and TARP Controllers, Various Locations	17-901-21	125	125	244	May-18
37	F&D Station Batteries, Various Locations	18-605-21	275	275	244	May-18
38	Rehabilitation of the Overhead Bridge Crane, SSA	18-906-21	240	240	244	May-18
39	Renovate Bathroom Stalls, MOBC	J15090-069	190	190	152	May-18
40	F&D Rubber Tire Excavator/Backhoe, LASMA	18-602-21	225	225	213	Jun-18
41	FD&I Spring-Loaded Covers, NSA	18-603-21	75	75	152	Jun-18
42	F&D Screener, CALSMA	18-606-21	400	400	213	Jun-18
43	F&D Wheel Loader, LASMA	18-607-21	350	350	213	Jun-18
44	FD&I Storage Dome for Biosolids, HASMA	18-609-21	350	350	213	Jun-18
45	Replacement of Railroad Grade Crossings, SSA	18-913-21	475	475	213	Jun-18
46	F&D Two Debris Baskets, KWRP	18-701-21	200	200	183	Jul-18
47	Recondition Raw Sewage Pump Motor No. 1, KWRP	18-704-21	180	100	548	Jul-18
48	FD&I Three Bar Screens, KWRP	18-706-21	750	250	548	Jul-18
49	F&D Fire Alarm System Fiber Optic Cable, SWRP	18-903-21	25	25	183	Jul-18
50	Auditorium Improvements at the Stickney Lab, SWRP	18-181-21	125	125	151	Aug-18
51	Bathroom Improvements at the Stickney Lab, SWRP	18-182-21	250	250	151	Aug-18
52	HVAC Improvements at the Stickney Lab, SWRP	18-183-21	125	125	151	Aug-18
Total 2018 Awards			\$ 14,270	\$ 12,790		
Total Projects Under Construction and 2018 Awards			\$ 30,979	\$ 17,188		

Projects Under Development

#	Project Name	Project Number	Est. Construction Cost
53	Agriculture Pilot Projects	To be determined	\$ 2,000
54	Alternate Digestion Pilot Program	To be determined	75
55	Phosphorus Recovery Pilot Program	To be determined	75
		Total Future Awards	<u>\$ 2,150</u>
		Cumulative Projects Under Construction, 2018 Awards, and Future Awards	<u>\$ 33,129</u>

Note: All cost figures are in thousands of dollars.

Capital Improvements Bond Fund Program

Awards in 2018			Est. Construc- tion Cost	Dura- tion (days)	Est. Award Date
#	Project Name	Project Number			
1	North Side Sludge Pipeline Replacement - Section 1, NSA	07-027-3S	\$ 14,327	820	Jan-18
2	Organic Waste Receiving Facility and Digester Gas Flare Upgrade, CWRP	11-240-3P	8,500	545	Jan-18
3	Stickney Effluent Reuse Line, SSA	14-107-3S	800	469	Jan-18
4	Drop Shaft 5 Inspection and Rehabilitation, NSA	14-372-3S	2,700	472	Jan-18
5	Summit Conduit Rehabilitation, SSA	16-126-3S	1,700	520	Jan-18
6	Furnish, Deliver, and Install Telemetry Replacement for SCADA Control, Various Locations	17-606-31	645	355	Jan-18
7	Elevator Improvements at the Mainstream Pumping Station, SSA	17-903-41	245	325	Jan-18
8	Enhancements to the Laboratory Information Management System, SSA	17-RFP-15	299	387	Jan-18
9	Furnish, Deliver, and Install Disc Filters, EWRP	18-702-31	3,200	1,065	Jan-18
10	Emerson Ovation Distributed Control System, NSA	18-704-31	1,802	364	Jan-18
11	Conversion of Primary Tanks to High Strength Waste Receiving and Distribution, CWRP	16-272-3P	3,500	515	Feb-18
12	Heavy Equipment Storage Building Site Improvements, Bulk Storage Building, CWRP and OWRP	17-845-3P	1,560	304	Feb-18
13	Pump Rehabilitation and Diverter Gate Installation, EWRP	16-412-3M	400	91	Mar-18
14	Fischer Farms Horticultural Center, HPWRP	16-538-3V	3,500	396	Mar-18
15	Structural Repairs and Roofing Replacement at the 95th Street Pumping Station, CSA	17-276-3P	1,866	670	Mar-18
16	Plant Information Management System, Various Locations	17-RFP-36	300	304	Mar-18
17	Pavement Rehabilitation, Various Locations	18-605-31	1,100	656	Mar-18
18	Guaranteed Energy Performance, Various Locations	18-706-31	3,500	245	Mar-18
19	Switchgear and Motor Control Center Replacement, OWRP	17-080-3E	2,200	760	Apr-18
20	Odor Control Facilities at WASSTRIP®, Southwest Coarse Screen and Overhead Weir, and Post-Centrifuge Building, SWRP	17-134-3M	15,000	700	May-18
21	Modifications to TARP Structures, CSA and SSA	17-842-3H	2,500	635	May-18
22	Rehabilitation of North Branch Pumping Station, NSA	16-079-3D	3,000	618	Jun-18
23	Furnish, Deliver, and Configure a Fence Line Odor Monitoring System, SWRP	18-RFP-XX	300	182	Jun-18
24	Rehabilitation of Steel Spandrel Beams of Pump and Blower House, OWRP	15-069-3D	10,000	822	Sep-18
25	39th Street Conduit Rehabilitation - Phase II, SSA	01-103-AS	24,700	770	Oct-18
26	Replacement of Tailrace Stop Logs, Headrace Gates, and Equipment, CWRP	15-830-3D	10,000	761	Oct-18
27	Furnish, Deliver, and Install Odor Control Systems, KWRP, HPWRP, and CWRP	17-844-3P	3,000	425	Nov-18
28	Railroad Locomotive Terminal Restoration, SWRP	18-904-31	1,440	457	Nov-18
29	Digester Rehabilitation and Gas Piping Replacement, SWRP	17-140-3P	15,000	669	Dec-18
30	Furnish and Install Odor Control System at the Thornton Reservoir, CSA	17-273-3P	1,200	395	Dec-18
Total 2018 Awards			\$ 138,284		

Projects Under Development

#	Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date
31	North Shore 1 Rehabilitation, NSA	10-047-3S	\$ 22,750	920	Jan-19
32	Dewatering System, CWRP	17-2XX-3P	10,000	1,094	Jan-19
33	Energy Neutrality Improvements, EWRP	17-413-3P	20,000	720	Jan-19
34	Energy Neutrality Improvements, HPWRP	17-539-3P	15,000	720	Jan-19
35	Upper Des Plaines Intercepting Sewer 11D, Ext. C Rehabilitation, NSA	11-404-3S	5,500	720	Feb-19
36	Upper Des Plaines Intercepting Sewer 14B Rehabilitation, KWRP	06-360-3S	6,700	360	Mar-19
37	Decommissioning of the Thornton Transitional Reservoir, CSA	15-266-4H	3,500	660	Mar-19
38	Phosphorus Recovery System, CWRP	12-245-3P	31,000	1,095	Jun-19
39	Screens and Conveyor Improvements at the 125th Street Pumping Station, CSA	09-230-3M	3,825	720	Jul-19
40	Battery B Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-128-3D	2,000	370	Aug-19
41	A/B and C/D Service Tunnel Rehabilitation - Phase III, SWRP	16-127-3D	17,000	1,095	Oct-19
42	Digester Gas Utilization Facilities, SWRP	11-189-3P	17,000	1,095	Jan-20
43	Upper Des Plaines Intercepting Sewer 11D Rehabilitation, NSA	12-369-3S	5,500	720	Sep-20
44	Palos Hills Pumping Station Force Main, CSA	11-242-3S	6,700	620	Feb-21
45	Roof Replacement of the Lue-Hing M&R Complex, SWRP	17-135-3V	6,500	730	Mar-21
46	Battery C Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-129-3D	2,000	370	Aug-21
47	Battery D Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-130-3D	2,000	370	Aug-21
48	Deammonification System, SWRP	13-101-3P	30,000	820	Sep-21
49	Organic Waste Receiving Station, SWRP	14-117-3P	30,000	530	Sep-21
50	McCook Reservoir Expanded Stage 2 Rock Wall Stabilization, SWRP	17-131-4F	5,000	1,278	Feb-22
Total Future Awards			<u>\$ 241,975</u>		
Cumulative 2018 and Future Awards			<u>\$ 380,259</u>		

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	Total
Tunnel and Reservoir Plan	\$ -	\$ -	\$ -
Water Reclamation Plant	-	85,459	85,459
Expansion and Improvements	-	-	-
Solids Management	-	84,767	84,767
Collection Facilities	30,200	53,392	83,592
Replacement of Facilities	49,025	77,416	126,441
Other	-	-	-
	<u>\$ 79,225</u>	<u>\$ 301,034</u>	<u>\$ 380,259</u>

Stormwater Management Capital Improvements Bond Fund Program

<u>Awards in 2018</u>		Project Number	Est. Construc- tion Cost	Dura- tion (days)	Est. Award Date
1	Streambank Stabilization Project on Tinley Creek, CSA	10-882-AF	\$ 3,806	577	Jan-18
2	Streambank Stabilization Project along Midlothian Creek, Tinley Park, CSA	10-882-CF	392	357	Jan-18
3	Demolition at Addison Creek Reservoir and Thornton Reservoir, SSA, CSA	11-186-AF	1,050	111	Jan-18
4	Streambank Stabilization Project on Melvina Ditch in Oak Lawn and Chicago Ridge, CSA	13-248-3F	8,800	730	Jan-18
5	* Buffalo Creek Reservoir Expansion, NSA	13-370-3F	19,300	546	Jan-18
6	Flossmoor Flood-Prone Property Acquisition, CSA	16-IGA-12	400	121	Mar-18
7	Addison Creek Reservoir, SSA	11-186-3F	95,155	731	Apr-18
8	Acquisition, Conversion, and Maintenance of Open Space of Flood-Prone Parcels of Property located along Addison Creek in the Village of Stone Park, SSA	16-IGA-15	2,700	760	Jun-18
Total 2018 Awards			\$ 131,603		

Projects Under Development

#	Project Name	Project Number	Est. Construc- tion Cost	Dura- tion (days)	Est. Award Date
9	Addison Creek Channel Improvements, SWRP	11-187-3F	\$ 44,512	1,095	Nov-19
Total Future Awards			\$ 44,512		
Cumulative 2018 and Future Awards			\$ 176,115		

*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.

Method of Financing			
State Revolving Fund	Alternate Bonds	Grants	Total
<u>Loans</u>	<u>Bonds</u>	<u>Grants</u>	<u>Total</u>
\$ 148,859	\$ 17,256	\$ 10,000	\$176,115

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
 CHANGES TO THE TENTATIVE 2018 BUDGET RECOMMENDATIONS

Department Page Number:
 1 of 1

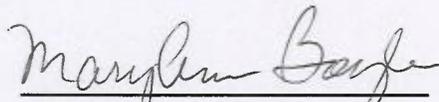
Fund: 101 Department Number: 11000 Department Name: Board of Commissioners

THE FOLLOWING CHANGES ARE RECOMMENDED:

Budget Tentative Page	ED Rec. Page	Code	Position Title or Line Item Name	FROM		TO		Plus/(Minus)		Explanation
				No.	\$ Amount	No.	\$ Amount	No.	\$ Amount	
22	116	612430	Payments for Professional Services		\$348,900		\$800,900		\$452,000	Increase is due to an additional amount allocated for an Inspector General.

BOARD OF COMMISSIONERS BUDGET TOTAL: \$4,650,500 \$5,102,500 \$452,000

November 2017 (BF-20)


 Department Head (Recommended)


 Budget Officer (Reviewed)


 Executive Director (Approved)

12/06/17
 Date

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 Page

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
 CHANGES TO THE TENTATIVE 2018 BUDGET RECOMMENDATIONS

Department Page Number:
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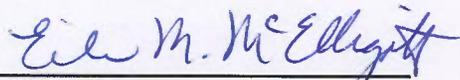
Fund: 101 Department Number: 15000 Department Name: General Administration

THE FOLLOWING CHANGES ARE RECOMMENDED:

<i>Budget Tentative Page</i>	<i>ED Rec. Page</i>	<i>Code</i>	<i>Position Title or Line Item Name</i>	<i>No.</i>	<i>FROM \$ Amount</i>	<i>No.</i>	<i>TO \$ Amount</i>	<i>No.</i>	<i>Plus/(Minus) \$ Amount</i>	<i>Explanation</i>
23	130	601060	Compensation Plan Adjustments		\$791,500		\$836,300		\$44,800	Increase is due to the anticipated wage increases for represented employees.
23	130	612280	Subscriptions and Membership Dues		\$660,200		\$778,100		\$117,900	Increase is due to the increase in membership fees to the Lower Des Plaines Watershed Group.
23	130	612490	Contractual Services, N.O.C.		\$328,300		\$428,300		\$100,000	Increase is due to the addition of the Green Infrastructure and Stormwater Educational Outreach program approved by the Committee on Budget and Employment.

GENERAL ADMINISTRATION BUDGET TOTAL: \$16,343,500 \$16,606,200 \$262,700

November 2017 (BF-20)


 Department Head (Recommended)


 Budget Officer (Reviewed)


 Executive Director (Approved)

12/06/17
 Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE TENTATIVE 2018 BUDGET RECOMMENDATIONS**

Department Page Number:
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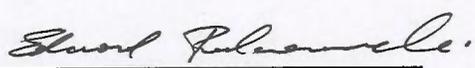
Fund: 101 Department Number: 16000 Department Name: Monitoring & Research

THE FOLLOWING CHANGES ARE RECOMMENDED:

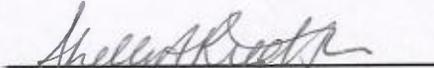
Budget Tentative Page	ED Rec. Page	Code	Position Title or Line Item Name	FROM		TO		Plus/(Minus)		Explanation
				No.	\$ Amount	No.	\$ Amount	No.	\$ Amount	
26	151	601010	Salaries of Regular Employees		\$28,819,500		\$28,532,100		(\$287,400)	Decrease is due to the position changes detailed below.
26	151	601060	Compensation Plan Adjustments		\$606,900		\$620,600		\$13,700	Increase is due to the anticipated wage increases for represented employees (\$20,100), offset by the position changes detailed below (\$4,400) and the reduced estimate for paid overtime (\$2,000).
26	151	601080	Salaries of Nonbudgeted Employees		\$0		\$2,000		\$2,000	Increase is to provide for the salary of an employee currently in an unbudgeted position. Salaries from the last week of 2017 will post to 2018.
--	154	121	Administrative Specialist (HP11)	3		4		1		One position was transferred from Section 124.
--	155	123	Assistant Environmental Chemist #1 (HP14)	1		0		(1)		A crosshatch #1 was implemented on one position in Section 123.
--	155	124	Assistant Environmental Microbiologist #1 (HP14)	1		0		(1)		A crosshatch #1 was implemented on one position in Section 124.
--	155	124	Administrative Specialist (HP11)	1		0		(1)		One position was transferred to Section 121.
28	157	162	Assistant Environmental Chemist #1 (HP14)	1		0		(1)		A crosshatch #1 was implemented on one position in Section 162.

MONITORING & RESEARCH BUDGET TOTAL: \$31,637,100 \$31,365,400 (\$271,700)

November 2017 (BF-20)



Department Head (Recommended)



Budget Officer (Reviewed)



Executive Director (Approved)

12/06/17

Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE TENTATIVE 2018 BUDGET RECOMMENDATIONS**

Department Page Number:
1 of 1

Fund: 101 Department Number: 20000 Department Name: Procurement & Materials Management

THE FOLLOWING CHANGES ARE RECOMMENDED:

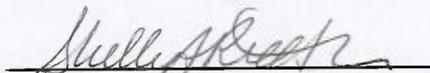
Budget Tentative Page	ED Rec. Page	Code	Position Title or Line Item Name	FROM		TO		Plus/(Minus)		Explanation
				No.	\$ Amount	No.	\$ Amount	No.	\$ Amount	
29	173	601060	Compensation Plan Adjustments		\$98,700		\$117,800		\$19,100	Increase is due to the anticipated wage increases for represented employees.

PROCUREMENT & MATERIALS MGMT. BUDGET TOTAL: \$9,383,500 \$9,402,600 \$19,100

November 2017 (BF-20)



Department Head (Recommended)



Budget Officer (Reviewed)



Executive Director (Approved)

12/06/17

Date

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
 CHANGES TO THE TENTATIVE 2018 BUDGET RECOMMENDATIONS

Department Page Number:
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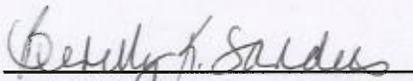
Fund: 101 Department Number: 25000 Department Name: Human Resources

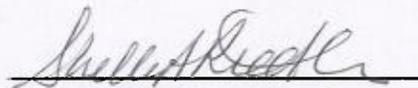
THE FOLLOWING CHANGES ARE RECOMMENDED:

<i>Budget Tentative Page</i>	<i>ED Rec. Page</i>	<i>Code</i>	<i>Position Title or Line Item Name</i>	<i>FROM No.</i>	<i>\$ Amount</i>	<i>TO No.</i>	<i>\$ Amount</i>	<i>Plus/(Minus) No.</i>	<i>\$ Amount</i>	<i>Explanation</i>
31	191	601060	Compensation Plan Adjustments		\$200,900		\$205,800		\$4,900	Increase is due to the anticipated wage increases for represented employees.

HUMAN RESOURCES BUDGET TOTAL: \$59,106,300 \$59,111,200 \$4,900

November 2017 (BF-20)


 Department Head (Recommended)


 Budget Officer (Reviewed)


 Executive Director (Approved)

12/06/17
 Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE TENTATIVE 2018 BUDGET RECOMMENDATIONS**

Department Page Number:
1 of 1

Fund: 101 Department Number: 27000 Department Name: Information Technology

THE FOLLOWING CHANGES ARE RECOMMENDED:

<i>Budget</i>	<i>ED Rec.</i>		<i>Position Title</i>		<i>FROM</i>		<i>TO</i>		<i>Plus/(Minus)</i>	
<i>Tentative</i>	<i>Page</i>	<i>Code</i>	<i>or Line Item Name</i>	<i>No.</i>	<i>\$ Amount</i>	<i>No.</i>	<i>\$ Amount</i>	<i>No.</i>	<i>\$ Amount</i>	<i>Explanation</i>
32	204	601060	Compensation Plan Adjustments		\$171,900		\$142,800		(\$29,100)	Decrease is due to the revised estimate for separation payout (\$30,000), offset by the anticipated wage increase for the represented employee (\$900).
32	204	634820	Computer Software		\$0		\$30,000		\$30,000	Increase is due to the carryforward of the Polycom RealConnect and Skype project.
--	--	275	Applications Administrator (HP16)	0		1		1		One position was transferred from Section 292.
--	207	292	Applications Administrator (HP16)	2		1		(1)		One position was transferred to Section 275.
--	208	293	Applications Analyst (HP14)	2		1		(1)		One position was transferred to Section 295.
--	208	295	Applications Analyst (HP14)	1		2		1		One position was transferred from Section 293.

INFORMATION TECHNOLOGY BUDGET TOTAL: \$16,903,400 \$16,904,300 \$900

November 2017 (BF-20)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

12/11/17
Date

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE TENTATIVE 2018 BUDGET RECOMMENDATIONS

Department Page Number:
1 of 1

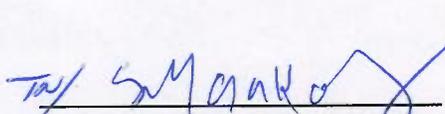
Fund: 101 Department Number: 30000 Department Name: Law

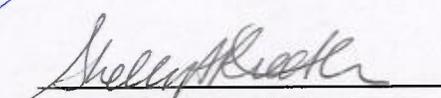
THE FOLLOWING CHANGES ARE RECOMMENDED:

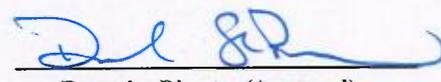
Budget Tentative Page	ED Rec. Page	Code	Position Title or Line Item Name	FROM		TO		Plus/(Minus)		Explanation
				No.	\$ Amount	No.	\$ Amount	No.	\$ Amount	
--	--	323	Investigator (HP13)	0		1		1		A crosshatch #2 was removed from one position in Section 323.
--	220	323	Investigator #2 (Legal Assistant) (HP13)	1		0		(1)		A crosshatch #2 was removed from one position in Section 323.

LAW BUDGET TOTAL: \$7,417,700 \$7,417,700 \$0

November 2017 (BF-20)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

12/06/17
Date

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
 CHANGES TO THE TENTATIVE 2018 BUDGET RECOMMENDATIONS

Department Page Number:
 1 of 4

Fund: 101 Department Number: 66000 Department Name: Maintenance & Operations - General Division

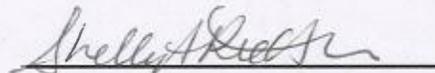
THE FOLLOWING CHANGES ARE RECOMMENDED:

<i>Budget</i> <i>Tentative</i> <i>Page</i>	<i>ED Rec.</i> <i>Page</i>	<i>Code</i>	<i>Position Title</i> <i>or Line Item</i>	<i>No.</i>	<i>FROM</i> <i>\$ Amount</i>	<i>TO</i> <i>\$ Amount</i>	<i>Plus/(Minus)</i> <i>\$ Amount</i>	<i>Explanation</i>
38	258	601010	Salaries of Regular Employees		\$11,547,400	\$11,626,300	\$78,900	Increase is due to the position changes detailed below.
38	258	601060	Compensation Plan Adjustments		\$627,700	\$659,900	\$32,200	Increase is due to the anticipated wage increases for represented employees.
--	--	681	Engineering Technician V (HP14)	0		1	1	One position was added in Section 681.

M&O - GENERAL DIVISION BUDGET TOTAL: \$25,848,100 \$25,959,200 \$111,100

November 2017 (BF-20)


 Department Head (Recommended)


 Budget Officer (Reviewed)


 Executive Director (Approved)

12/06/17
 Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE TENTATIVE 2018 BUDGET RECOMMENDATIONS**

Department Page Number:
2 of 4

Fund: 101 Department Number: 67000 Department Name: Maintenance & Operations - North Service Area

THE FOLLOWING CHANGES ARE RECOMMENDED:

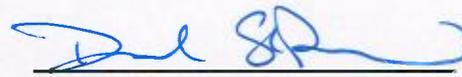
<i>Budget</i> Tentative Page	<i>ED Rec.</i> Page	<i>Code</i>	<i>Position Title</i> <i>or Line Item</i>	<i>No.</i>	<i>FROM</i> \$ Amount	<i>TO</i> \$ Amount	<i>Plus/(Minus)</i> \$ Amount	<i>Explanation</i>
41	275	601010	Salaries of Regular Employees		\$23,578,100	\$23,547,000	(\$31,100)	Decrease is due to the position changes detailed below.
41	275	601060	Compensation Plan Adjustments		\$1,201,300	\$1,441,100	\$239,800	Increase is due to the anticipated wage increases for represented employees.
41	275	612410	Governmental Service Charges		\$3,216,500	\$3,262,500	\$46,000	Increase is due to anticipated rate changes under the Fox River Reclamation District's User Charge Ordinance.
42	276	623680	Tools and Supplies		\$83,200	\$73,200	(\$10,000)	Decrease is due to the revised estimate for tools and supplies.
42	276	634650	Equipment for Process Facilities		\$98,700	\$62,700	(\$36,000)	Decrease is due to the revised estimate for pumps and compressors.
--	280	732	Treatment Plant Operator II #4 (HP14)	1	0		(1)	A crosshatch #4 was implemented on one position in Section 732.
--	280	732	Treatment Plant Operator II (HP14)	7	8		1	A crosshatch #4 was implemented on one position in Section 732.

NORTH SERVICE AREA BUDGET TOTAL: \$41,903,200 \$42,111,900 \$208,700

November 2017 (BF-20)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

12/06/17
Date

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
 CHANGES TO THE TENTATIVE 2018 BUDGET RECOMMENDATIONS

Department Page Number:
 3 of 4

Fund: 101 Department Number: 68000 Department Name: Maintenance & Operations - Calumet Service Area

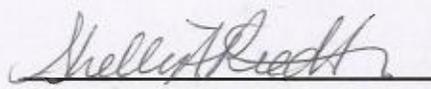
THE FOLLOWING CHANGES ARE RECOMMENDED:

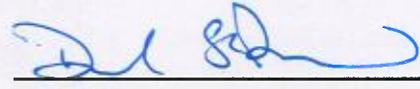
<i>Budget Tentative Page</i>	<i>ED Rec. Page</i>	<i>Code</i>	<i>Position Title or Line Item</i>	<i>No.</i>	<i>FROM \$ Amount</i>	<i>TO \$ Amount</i>	<i>No.</i>	<i>Plus/(Minus) \$ Amount</i>	<i>Explanation</i>
43	292	601060	Compensation Plan Adjustments		\$641,000	\$849,400		\$208,400	Increase is due to the anticipated wage increases for represented employees.
43	292	612600	Repairs to Collection Facilities		\$99,900	\$159,900		\$60,000	Increase is due to the need for a sole source odor control misting system with Nu-Recycling Technology, Inc.
44	293	623560	Processing Chemicals		\$2,227,800	\$2,167,800		(\$60,000)	Decrease is due to the determination that the Procurement & Materials Management Department will be supplying odor control chemicals for the Thornton Reservoir as a storeroom item.

CALUMET SERVICE AREA BUDGET TOTAL: \$36,005,200 \$36,213,600 \$208,400

November 2017 (BF-20)


 Department Head (Recommended)


 Budget Officer (Reviewed)


 Executive Director (Approved)

12/06/17
 Date

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
 CHANGES TO THE TENTATIVE 2018 BUDGET RECOMMENDATIONS

Department Page Number:
 4 of 4

Fund: 101 Department Number: 69000 Department Name: Maintenance & Operations - Stickney Service Area

THE FOLLOWING CHANGES ARE RECOMMENDED:

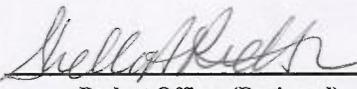
Budget Tentative Page	ED Rec. Page	Code	Position Title or Line Item	No.	FROM \$ Amount	TO \$ Amount	No.	Plus/(Minus) \$ Amount	Explanation
45	308	601060	Compensation Plan Adjustments		\$1,685,300	\$2,136,300		\$451,000	Increase is due to the anticipated wage increases for represented employees.

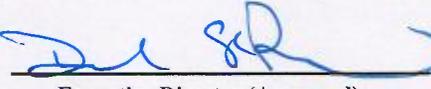
STICKNEY SERVICE AREA BUDGET TOTAL: \$85,851,100 \$86,302,100 \$451,000

November 2017 (BF-20)

MAINTENANCE & OPERATIONS
 BUDGET TOTAL: \$189,607,600 \$190,586,800 \$979,200


 Department Head (Recommended)


 Budget Officer (Reviewed)


 Executive Director (Approved)

12/06/17
 Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE TENTATIVE 2018 BUDGET RECOMMENDATIONS**

Department Page Number:
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Fund: 201 Department Number: 50000 Fund Name: Construction

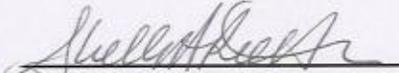
THE FOLLOWING CHANGES ARE RECOMMENDED:

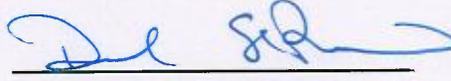
<i>Budget</i>	<i>ED Rec.</i>		<i>Position Title</i>		<i>FROM</i>	<i>TO</i>	<i>Plus/(Minus)</i>	
<i>Tentative</i>	<i>Page</i>	<i>Code</i>	<i>or Line Item</i>	<i>No.</i>	<i>\$ Amount</i>	<i>\$ Amount</i>	<i>\$ Amount</i>	<i>Explanation</i>
51	419	612430	Payments for Professional Services		\$3,267,400	\$3,282,100	\$14,700	Increase is due to the carryforward and the revised estimate of 16-RFP-02, Applicant Management and Tracking, Onboarding, and Performance Management Systems.
51	419	634600	Equipment for Collection Facilities		\$790,000	\$665,000	(\$125,000)	Decrease is due to the cancellation of 18-612-21, Furnish and Deliver Protective Relays, CWRP and KWRP. The relays will be purchased in the Corporate Fund on an as-needed basis.
51	419	634650	Equipment for Process Facilities		\$1,886,000	\$1,958,000	\$72,000	Increase is due to the carryforward of 17-611-21, Furnish and Deliver Uninterruptible Power Supplies, KWRP and EWRP (\$66,000) and the revised estimate for 16-810-21, Furnish and Deliver Six Grit Pumps, CWRP (\$6,000).
51	419	634820	Computer Software		\$35,000	\$85,000	\$50,000	Increase is due to the carryforward of 17-RFP-09, Local Sewer System Section Permit Database and GIS Integration.
51	419	645600	Collection Facilities Structures		\$860,400	\$876,000	\$15,600	Increase is due to the revised carryforward estimates of 16-704-21, Furnish, Deliver, and Install Upgraded Coarse Screen Conveyor System at the North Branch Pumping Station, NSA (\$17,300) and 17-710-21, Recondition Raw Sewage Pump Motor No. 3, KWRP (\$20,000), offset by the favorable award of 17-705-21, Rehabilitate One Raw Sewage Pump Rotating Assembly, OWRP (\$21,700).
51	419	645650	Process Facilities Structures		\$2,402,500	\$2,652,500	\$250,000	Increase is due to the revised carryforward estimate of 17-609-21, Furnish and Deliver Enhanced Bio-P Control Equipment, NSA (\$50,000) and the addition of 18-708-21, Furnish, Deliver, and Install Influent Gate Actuators, OWRP (\$200,000).
51	419	645680	Buildings		\$3,355,000	\$3,855,000	\$500,000	Increase is due to the addition of non-core projects for auditorium improvements (\$125,000), bathroom improvements (\$250,000), and HVAC improvements (\$125,000) at the Stickney WRP Laboratory.
52	420	645750	Preservation of Process Facility Structures		\$450,000	\$832,600	\$382,600	Increase is due to the carryforward of 11-403-2P, Membrane Gas Holder Replacement and Digester Gas Cleaning, EWRP.
52	420	645790	Preservation of Capital Projects, N.O.C.		\$0	\$78,600	\$78,600	Increase is due to the carryforward of 14-714-21, Parking Lot Replacement, EWRP.

CONSTRUCTION FUND BUDGET TOTAL: \$24,842,100 \$26,080,600 \$1,238,500

November 2017 (BF-20)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

12/06/17
Date

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Department Head (Recommended)

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
 CHANGES TO THE TENTATIVE 2018 BUDGET RECOMMENDATIONS

Department Page Number:
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Fund: 401 Department Number: 50000 Fund Name: Capital Improvements Bond

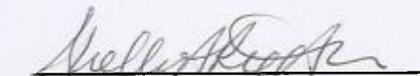
THE FOLLOWING CHANGES ARE RECOMMENDED:

Budget Tentative Page	ED Rec. Page	Code	Position Title or Line Item	No.	FROM \$ Amount	TO \$ Amount	No.	Plus/(Minus) \$ Amount	Explanation
56	495	612400	Intergovernmental Agreements		\$550,000	\$3,250,000		\$2,700,000	Increase is due to the expected award of 16-IGA-15, Acquisition, Conversion, and Maintenance of Open Space of Flood-Prone Parcels of Property located along Addison Creek in the Village of Stone Park.
56	495	612430	Payments for Professional Services		\$750,000	\$1,049,000		\$299,000	Increase is due to the expected award of 17-RFP-15, Enhancements to the Laboratory Information Management System.
56	495	645600	Collection Facilities Structures		\$3,965,000	\$4,210,000		\$245,000	Increase is due to the expected award of 17-903-41, Elevator Improvements at the Mainstream Pumping Station, SSA.
56	495	645620	Waterway Facilities Structures		\$125,177,400	\$127,539,900		\$2,362,500	Increase is due to the addition of 17-273-3P, Furnish and Install Odor Control System at the Thornton Reservoir (\$1,260,000) and the expected award of 11-186-AF, Demolition at Addison Creek Reservoir and Thornton Reservoir (\$1,102,500).
56	495	645750	Preservation of Process Facility Structures		\$14,392,600	\$15,963,300		\$1,570,700	Increase is due to the change in scope of 07-027-3S, North Side Sludge Pipeline Replacement - Section 1, NSA.
56	495	645780	Preservation of Buildings		\$17,275,000	\$17,974,300		\$699,300	Increase is due to the revised estimate of 17-276-3P, Structural Repairs and Roofing Replacement at the 95th Street Pumping Station, CSA.

CAPITAL IMPROVEMENTS BOND FUND BUDGET TOTAL: \$304,468,400 \$312,344,900 \$7,876,500

November 2017 (BF-20)


 Department Head (Recommended)


 Budget Officer (Reviewed)

 12/06/17
 Executive Director (Approved) Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE TENTATIVE 2018 BUDGET RECOMMENDATIONS**

Department Page Number:
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Fund: 501 Department Number: 50000 Fund Name: Stormwater Management

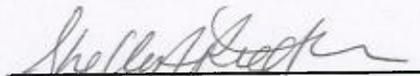
THE FOLLOWING CHANGES ARE RECOMMENDED:

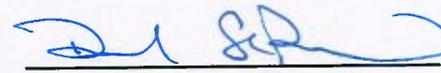
<i>Budget Tentative Page</i>	<i>ED Rec. Page</i>	<i>Code</i>	<i>Position Title or Line Item</i>	<i>No.</i>	<i>FROM \$ Amount</i>	<i>TO \$ Amount</i>	<i>No.</i>	<i>Plus/(Minus) \$ Amount</i>	<i>Explanation</i>
60	540	612430	Payments for Professional Services		\$1,091,000	\$1,059,000		(\$32,000)	Decrease is due to the revised estimate for legal services for land acquisition.
60	540	612440	Preliminary Engineering Reports and Studies		\$3,726,000	\$3,724,900		(\$1,100)	Decrease is due to the reclassification of 11-889-5F, Streambank Stabilization Projects for Higgins Creek and McDonald Creek, to the Professional Engineering Services for Construction Projects commitment item.
60	540	612450	Professional Engineering Services for Construction Projects		\$4,086,000	\$4,147,300		\$61,300	Increase is due to the carryforward of 10-882-5F, Streambank Stabilization on Tinley Creek, Midlothian Creek, and Calumet Union Drainage Ditch (\$49,000), the carryforward of 10-883-5F, Final Design Engineering for Flood Control Projects on Tinley Creek, Navajo Creek, and East Branch of Cherry Creek (\$11,200), and the reclassification of project 11-889-5F, Streambank Stabilization Projects for Higgins Creek and McDonald Creek, from the Preliminary Engineering Reports and Studies commitment item (\$1,100).
61	541	645620	Waterway Facilities Structures		\$16,203,800	\$16,175,600		(\$28,200)	Decrease is due to the reduced carryforward estimate of 10-883-AF, Flood Control/Streambank Project on Tinley Creek, CSA (\$46,600), offset by the increased carryforward estimate of 10-882-DF, Streambank Stabilization/Flood Control Project on Tinley Creek, CSA (\$18,400).

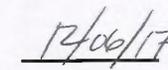
STORMWATER MANAGEMENT FUND BUDGET TOTAL: \$65,880,200 \$65,880,200 \$0

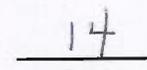
November 2017 (BF-20)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)


Date


Page

**COMPARATIVE STATEMENT OF APPROPRIATIONS AND TAX LEVIES
2018-2016 ALL FUNDS**

APPROPRIATIONS	2018 **	2017 AS PASSED	2017 AS ADJUSTED *	2016 ACTUAL
FUND				
Corporate Fund	\$ 368,026,900	\$ 368,925,800	\$ 368,925,800	\$ 366,260,700
Construction Fund	26,080,600	34,450,400	34,450,400	36,614,400
Capital Improvements Bond Fund ***	312,982,900	354,625,600	354,625,600	483,764,800
Stormwater Management Fund	65,480,200	45,800,100	45,800,100	40,500,800
Retirement Fund	89,604,000	79,505,000	79,505,000	70,772,000
Reserve Claim Fund	30,289,500	30,617,100	30,617,100	30,175,900
Bond Redemption & Interest Fund	256,304,186	228,825,813	228,825,813	216,047,130
TOTAL	\$1,148,768,286	\$1,142,749,813	\$1,142,749,813	\$ 1,244,135,730
LEVIES				
Corporate Fund	\$ 240,465,800	\$ 223,946,065	\$ 223,946,065	\$ 226,742,879
Construction Fund	11,700,000	17,000,000	16,270,995	13,784,956
Stormwater Management Fund	47,826,000	40,856,008	40,856,008	34,250,000
Retirement Fund	71,534,197	73,438,135	73,438,135	65,161,200
Reserve Claim Fund	6,000,000	5,900,000	5,900,000	5,800,000
Subtotal	\$ 377,525,997	\$ 361,140,208	\$ 360,411,203	\$ 345,739,035
Bond Redemption & Interest Fund:				
Capital Improvement Bonds - Series:				
June 2016 QECB Series F	\$ 165,804	\$ 165,804	\$ 165,804	\$ 165,803
August 2009 Limited Tax Series	35,564,767	35,564,767	35,564,767	35,564,767
July 2011 Limited Tax Series B	28,911,239	41,406,315	41,406,315	20,230,925
July 2011 Unlimited Tax Series C	4,184,800	3,981,898	3,981,898	7,622,520
December 2014 Limited Tax Series C	6,763,472	3,240,156	3,240,156	15,540,933
December 2014 Unlimited Tax Series A	5,181,348	5,181,348	5,181,348	5,181,347
2014 Alt Rev Unlimited Tax Series B ****	3,390,570	3,389,171	3,389,171	3,387,824
2016 Alt Rev Unlimited Tax Series E ****	2,590,674	2,590,674	2,590,674	2,590,674
Alternate Revenue Abatement ****	-	-	-	(5,978,498)
June 2016 Unlimited Tax Series C	1,554,405	1,554,405	1,554,405	1,554,404
June 2016 Limited Tax Series D	1,036,270	1,036,270	1,036,270	1,036,269
State Revolving Fund Bonds - Series: Various	85,458,595	72,765,937	77,752,983	70,808,592
Refunding Bonds - Series:				
March 2007 Unlimited Tax Series A	26,623,057	26,509,845	26,509,845	25,279,534
March 2007 Unlimited Tax Series B	4,996,749	4,996,749	4,996,749	4,996,749
March 2007 Limited Tax Series C	5,541,607	5,541,607	5,541,607	5,541,607
December 2014 Limited Tax Series D	15,130,830	9,264,767	9,264,767	15,494,041
June 2016 Unlimited Tax Series A	14,555,959	14,555,959	14,555,959	14,555,959
June 2016 Limited Tax Series B	2,141,451	2,141,451	2,141,451	2,141,451
Subtotal Bond Redemption & Interest Fund	\$ 243,791,597	\$ 233,887,123	\$ 238,874,169	\$ 225,714,901
TOTAL	\$ 621,317,594	\$ 595,027,331	\$ 599,285,372	\$ 571,453,936
Abatement after the budget year ****	(6,152,228)	(5,979,845)	(6,150,829)	
Total (after planned abatement)	\$ 615,165,366	\$ 589,047,486	\$ 593,134,543	

NOTES: * As Adjusted reflects the 2016 Equalized Assessed Valuation (EAV) (\$140,752,201,171) estimated to increase 3.0 percent, plus any subsequent supplemental levies and/or appropriations.
 ** 2018 reflects an estimated 3.0 percent increase in the EAV from the 2017 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
2018-2016 ALL FUNDS**

Per \$100 in Equalized Assessed Valuation (EAV)

FUND		2018 **	2017 AS PASSED	2017 AS ADJUSTED *	2016 ACTUAL
	tax rate limit				
Corporate Fund	41 ¢	16.11 ¢	16.20 ¢	15.45 ¢	16.11 ¢
Construction Fund	10 ¢	0.78	1.23	1.12	0.98
Stormwater Management Fund	5 ¢	3.20	2.96	2.82	2.43
Retirement Fund		4.79	5.31	5.07	4.63
Reserve Claim Fund	½ ¢	0.40	0.43	0.41	0.41
Subtotal		25.28 ¢	26.13 ¢	24.87 ¢	24.56 ¢
Bond Redemption & Interest Fund:					
Capital Improvement Bonds - Series:					
June 2016 QECB Series F		0.01 ¢	0.01 ¢	0.01 ¢	0.01 ¢
August 2009 Limited Tax Series		2.38	2.57	2.45	2.53
July 2011 Limited Tax Series B		1.94	3.00	2.86	1.44
July 2011 Unlimited Tax Series C		0.28	0.29	0.27	0.54
December 2014 Limited Tax Series C		0.45	0.23	0.22	1.10
December 2014 Unlimited Tax Series A		0.35	0.37	0.36	0.37
2014 Alt Rev Unlimited Tax Series B ***		0.23	0.25	0.23	0.24
2016 Alt Rev Unlimited Tax Series E ***		0.17	0.19	0.18	0.18
Alternate Revenue Abatement ***		-	-	-	(0.42)
June 2016 Unlimited Tax Series C		0.10	0.11	0.11	0.11
June 2016 Limited Tax Series D		0.07	0.07	0.07	0.07
State Revolving Fund Bonds - Series:					
Various		5.72	5.26	5.36	5.03
Refunding Bonds - Series:					
March 2007 Unlimited Tax Series A		1.78	1.92	1.83	1.80
March 2007 Unlimited Tax Series B		0.33	0.36	0.34	0.36
March 2007 Limited Tax Series C		0.37	0.40	0.38	0.39
December 2014 Limited Tax Series D		1.01	0.67	0.64	1.10
June 2016 Unlimited Tax Series A		0.97	1.05	1.00	1.03
June 2016 Limited Tax Series B		0.14	0.15	0.15	0.15
Subtotal Bond Redemption & Interest Fund		16.30 ¢	16.90 ¢	16.46 ¢	16.03 ¢
TOTAL		41.58 ¢	43.03 ¢	41.33 ¢	40.59 ¢

NOTES: * As Adjusted reflects the 2016 EAV (\$140,752,201,171) estimated to increase 3.0 percent, plus any subsequent supplemental levies and/or appropriations.

** 2018 reflects an estimated 3.0 percent increase in the EAV from the 2017 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
2018 - 2017 ALL FUNDS**

ORGANIZATION OR FUND	Account Appropriation		Increase (Decrease) 2018 - 2017	
	2018	2017*	Dollars	Percent
Board of Commissioners	\$ 5,102,500	\$ 4,496,300	\$ 606,200	13.5
General Administration	16,606,200	17,387,400	(781,200)	(4.5)
Monitoring & Research	31,365,400	31,270,400	95,000	0.3
Procurement & Materials Management	9,402,600	9,567,100	(164,500)	(1.7)
Human Resources	59,111,200	60,905,400	(1,794,200)	(2.9)
Information Technology	16,904,300	17,358,600	(454,300)	(2.6)
Law	7,417,700	8,386,100	(968,400)	(11.5)
Finance	3,680,300	3,684,400	(4,100)	(0.1)
Maintenance & Operations:				
General Division	25,959,200	26,761,600	(802,400)	(3.0)
North Service Area	42,111,900	42,055,300	56,600	0.1
Calumet Service Area	36,213,600	37,210,100	(996,500)	(2.7)
Stickney Service Area	86,302,100	81,007,700	5,294,400	6.5
TOTAL Maintenance & Operations	<u>\$ 190,586,800</u>	<u>\$ 187,034,700</u>	<u>\$ 3,552,100</u>	<u>1.9</u>
Engineering	27,849,900	28,835,400	(985,500)	(3.4)
TOTAL Corporate Fund	<u>\$ 368,026,900</u>	<u>\$ 368,925,800</u>	<u>\$ (898,900)</u>	<u>(0.2)</u>
Construction Fund	26,080,600	34,450,400	(8,369,800)	(24.3)
Capital Improvements Bond Fund	312,982,900	354,625,600	(41,642,700)	(11.7)
TOTAL Capital Budget	<u>\$ 339,063,500</u>	<u>\$ 389,076,000</u>	<u>\$ (50,012,500)</u>	<u>(12.9)</u>
Stormwater Management Fund	65,480,200	45,800,100	19,680,100	43.0
Bond Redemption & Interest Fund	256,304,186	228,825,813	27,478,373	12.0
Retirement Fund	89,604,000	79,505,000	10,099,000	12.7
Reserve Claim Fund	30,289,500	30,617,100	(327,600)	(1.1)
GRAND TOTAL	<u><u>\$1,148,768,286</u></u>	<u><u>\$1,142,749,813</u></u>	<u><u>\$ 6,018,473</u></u>	<u><u>0.5</u></u>

*Adjusted Appropriation

ALL FUNDS
SUMMARY OF REVENUE, EXPENDITURES, AND NET ASSETS APPROPRIABLE (b)
2018 BUDGETED, 2017 ESTIMATED, AND 2016 ACTUAL

(In Thousands)

	FUND							TOTAL
	CORPORATE	CAPITAL IMPROVEMENTS BOND	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT (d)	BOND REDEMPTION & INTEREST (d)	RESERVE CLAIM (d)	
2018 BUDGETED								
Net Assets Appropriable	\$ 137,376.2	\$ (626,092.7)	\$ 14,740.6	\$ 25,650.8	\$ 89,604.0	\$ 249,533.6	\$ 29,989.5	\$ (79,198.0)
Net Assets Appropriated	\$ 31,932.9	\$ (626,092.7)	\$ 14,740.6	\$ 25,650.8	\$ 89,604.0	\$ 249,533.6	\$ 29,989.5	\$ (184,641.3)
Revenue	336,094.0	939,075.6	11,340.0	39,829.4	-	6,770.6	300.0	1,333,409.6
Appropriation	\$ 368,026.9	\$ 312,982.9	\$ 26,080.6	\$ 65,480.2	\$ 89,604.0	\$ 256,304.2	\$ 30,289.5	\$ 1,148,768.3
2017 ESTIMATED								
Beginning Net Assets	\$ 142,061.5	\$ (549,041.4)	\$ 6,384.0	\$ 13,843.2	\$ 79,505.0	\$ 224,536.5	\$ 31,455.6	\$ (51,255.6)
Appropriable as adjusted (c)								
Revenue (a)	327,775.2	153,769.5	24,070.0	38,971.2	-	4,289.3	243.0	549,118.2
Adjustment for 2017 receipts	5,391.3	-	456.0	(500.1)	-	-	-	5,347.2
Expenditures	(337,851.8)	(230,820.8)	(16,169.4)	(26,663.5)	(79,505.0)	(228,825.8)	(9,626.3)	(929,462.6)
Ending Net Assets								
Appropriable	\$ 137,376.2	\$ (626,092.7)	\$ 14,740.6	\$ 25,650.8	\$ -	\$ -	\$ 22,072.3	\$ (426,252.8)
2016 ACTUAL								
Beginning Net Assets	\$ 145,889.3	\$ (609,914.9)	\$ 13,467.8	\$ 10,163.7	\$ 70,772.0	\$ 211,354.6	\$ 30,210.0	\$ (128,057.5)
Appropriable as adjusted (c)								
Revenue	331,601.0	314,839.6	14,060.3	33,339.1	-	4,292.7	405.2	698,537.9
Expenditures	(335,428.8)	(253,966.1)	(21,144.1)	(29,659.6)	(70,772.0)	(215,647.3)	(4,786.4)	(931,404.3)
Ending Net Assets								
Appropriable	\$ 142,061.5	\$ (549,041.4)	\$ 6,384.0	\$ 13,843.2	\$ -	\$ -	\$ 25,828.8	\$ (360,923.9)
Adjusted NAA 1/1/2017	\$ 147,452.8		\$ 6,840.0	\$ 13,343.1				
Adjustment (a)	\$ 5,391.3		\$ 456.0	\$ (500.1)				

(a) Adjustment to NAA required due to current 2017 estimate on collection of property tax levies and PPRT. See the Balance Sheets and Appropriable Revenue statements 1/1/2017 for the Corporate (pages 85-86), Construction (pages 92-93), and Stormwater Management (pages 96-97) Funds. The adjustment is reflected in the 2017 revenues.

(b) This statement is a summary presentation of pages 74-77, 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, Reserve Claim, and Bond Redemption & Interest 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
2018 BUDGETED**

(In Thousands)

	FUND							TOTAL
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	
REVENUE								
Net Assets Appropriable	\$ 137,376.2	\$ (626,092.7)	\$ 14,740.6	\$ 25,650.8	\$ 89,604.0	\$ 249,533.6	\$ 29,989.5	\$ (79,198.0)
Budget Reserve	(105,443.3)	-	-	-	-	-	-	(105,443.3)
Net Property Taxes	232,049.5	-	11,290.5	46,152.1	-	-	-	289,492.1
Personal Property Replacement Tax	19,849.5	-	-	-	-	-	-	19,849.5
Working Cash Borrowings Adjustment	(4,599.0)	-	(190.5)	(752.1)	-	-	-	(5,541.6)
Bond Sales (Present & Future)	-	776,281.1	-	-	-	-	-	776,281.1
Grants (Federal & State)	-	11,294.5	-	-	-	-	-	11,294.5
Investment Income	1,300.0	3,700.0	200.0	200.0	-	1,000.0	300.0	6,700.0
State Revolving Fund Loans	-	150,000.0	-	-	-	-	-	150,000.0
Property & Services	22,400.0	-	-	-	-	-	-	22,400.0
User Charge	46,000.0	-	-	-	-	-	-	46,000.0
TIF Differential Fee & Impact Fee	9,725.0	-	40.0	-	-	-	-	9,765.0
Equity Transfer	4,200.0	(4,200.0)	-	(5,770.6)	-	5,770.6	-	-
Resource Recovery	1,600.0	-	-	-	-	-	-	1,600.0
Miscellaneous	3,569.0	2,000	-	-	-	-	-	5,569.0
TOTAL REVENUE	\$ 368,026.9	\$ 312,982.9	\$ 26,080.6	\$ 65,480.2	\$ 89,604.0	\$ 256,304.2	\$ 30,289.5	\$ 1,148,768.3
EXPENDITURES								
Board of Commissioners	\$ 5,102.5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,102.5
General Administration	16,606.2	-	-	-	-	-	-	16,606.2
Monitoring & Research	31,365.4	-	-	-	-	-	-	31,365.4
Procurement & Materials Mgmt.	9,402.6	-	-	-	-	-	-	9,402.6
Human Resources	59,111.2	-	-	-	-	-	-	59,111.2
Information Technology	16,904.3	-	-	-	-	-	-	16,904.3
Law	7,417.7	-	-	-	-	-	-	7,417.7
Finance	3,680.3	-	-	-	-	-	-	3,680.3
Engineering	27,849.9	312,982.9	26,080.6	-	-	-	-	366,913.4
Maintenance & Operations	190,586.8	-	-	-	-	-	-	190,586.8
Stormwater Management Fund	-	-	-	65,480.2	-	-	-	65,480.2
Retirement Fund	-	-	-	-	89,604.0	-	-	89,604.0
Bond Redemption & Interest Fund	-	-	-	-	-	256,304.2	-	256,304.2
Reserve Claim Fund	-	-	-	-	-	-	30,289.5	30,289.5
TOTAL EXPENDITURES	\$ 368,026.9	\$ 312,982.9	\$ 26,080.6	\$ 65,480.2	\$ 89,604.0	\$ 256,304.2	\$ 30,289.5	\$ 1,148,768.3

* 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
2017 ESTIMATED**

(In Thousands)

	FUND							
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	TOTAL
REVENUE								
Net Assets Appropriable	\$ 142,061.5	\$ (549,041.4)	\$ 6,384.0	\$ 13,843.2	\$ 79,505.0	\$ 224,536.5	\$ 31,455.6	\$ (51,255.6)
Adjustment for Receipts	5,391.3	-	456.0	(500.1)	-	-	-	5,347.2
Net Property Taxes	216,108.0	-	16,405.0	39,426.0	-	-	-	271,939.0
Personal Property Replacement Tax	18,164.0	-	-	-	-	-	-	18,164.0
Working Cash Borrowings Adjustment	(4,272.0)	-	(205.0)	(626.0)	-	-	-	(5,103.0)
Bond Sales (Present & Future)	-	-	-	-	-	-	-	-
Grants (Federal & State)	-	11,294.5	-	-	-	-	-	11,294.5
Investment Income	1,093.0	3,475.0	125.0	122.0	-	1,020.0	243.0	6,078.0
State Revolving Fund Loans	-	150,000.0	-	-	-	-	-	150,000.0
Property & Services	22,050.2	-	-	-	-	-	-	22,050.2
User Charge	52,600.0	-	-	-	-	-	-	52,600.0
TIF Differential Fee & Impact Fee	11,725.0	-	745.0	-	-	-	-	12,470.0
Equity Transfer	6,000	(13,000)	7,000	-	-	3,269.3	-	3,269.3
Miscellaneous	4,307.0	2,000.0	-	49.2	-	-	-	6,356.2
TOTAL REVENUE	\$ 475,228.0	\$ (395,271.9)	\$ 30,910.0	\$ 52,314.3	\$ 79,505.0	\$ 228,825.8	\$ 31,698.6	\$ 503,209.8
EXPENDITURES								
Board of Commissioners	\$ 4,241.2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,241.2
General Administration	15,566.2	-	-	-	-	-	-	15,566.2
Monitoring & Research	29,328.7	-	-	-	-	-	-	29,328.7
Procurement & Materials Mgmt.	8,931.9	-	-	-	-	-	-	8,931.9
Human Resources	55,310.2	-	-	-	-	-	-	55,310.2
Information Technology	14,728.1	-	-	-	-	-	-	14,728.1
Law	6,098.2	-	-	-	-	-	-	6,098.2
Finance	3,528.3	-	-	-	-	-	-	3,528.3
Engineering	25,243.8	230,820.8	16,169.4	-	-	-	-	272,234.0
Maintenance & Operations	174,875.2	-	-	-	-	-	-	174,875.2
Stormwater Management Fund	-	-	-	23,394.2	-	-	-	23,394.2
Retirement Fund	-	-	-	-	79,505.0	-	-	79,505.0
Bond Redemption & Interest Fund	-	-	-	-	-	228,825.8	-	228,825.8
Reserve Claim Fund	-	-	-	-	-	-	9,626.3	9,626.3
Equity Transfer	-	-	-	3,269.3	-	-	-	3,269.3
TOTAL EXPENDITURES	\$ 337,851.8	\$ 230,820.8	\$ 16,169.4	\$ 26,663.5	\$ 79,505.0	\$ 228,825.8	\$ 9,626.3	\$ 929,462.6

* 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.

**CAPITAL IMPROVEMENTS BOND FUND
ESTIMATED BALANCE SHEET
JANUARY 1, 2018 AND 2017**

	<u>ASSETS</u>		<u>2017</u>	
	<u>AMOUNT</u>	<u>AVAILABLE FOR APPROPRIATION</u>	<u>AMOUNT</u>	<u>AVAILABLE FOR APPROPRIATION</u>
CURRENT ASSETS				
Cash & Investments	\$ 337,222,198	\$ 337,222,198	\$ 138,400,400	\$ 138,400,400
Grants Receivable	941,207	941,207	932,932	932,932
State Revolving Fund Loans Receivable	150,000,000	150,000,000	150,000,000	150,000,000
Total Current Assets	\$ 488,163,405	\$ 488,163,405	\$ 289,333,332	\$ 289,333,332
 LIABILITIES & FUND EQUITY				
CURRENT LIABILITIES				
Unpaid Bills:				
Contractual Services	\$ 73,937,199	\$ 73,937,199	\$ 73,761,112	\$ 73,761,112
Contracts Payable	1,040,318,906	1,040,318,906	833,423,020	833,423,020
Total Current Liabilities	\$ 1,114,256,105	\$ 1,114,256,105	\$ 907,184,132	\$ 907,184,132
Designated for Future Claims Liabilities	-	-	-	-
Total Liabilities	\$ 1,114,256,105	\$ 1,114,256,105	\$ 907,184,132	\$ 907,184,132
 ASSETS APPROPRIABLE				
Net Assets Appropriable		\$ (626,092,700)		\$ (617,850,800)
Net Assets Appropriated		(626,092,700)		(617,850,800)
Estimated Revenue		939,075,600		972,476,400
Total Assets Appropriable		\$ 312,982,900		\$ 354,625,600
FUND EQUITY	\$ (626,092,700)		\$ (617,850,800)	
Total Liabilities & Fund Equity	\$ 488,163,405		\$ 289,333,332	

CAPITAL IMPROVEMENTS BOND FUND
APPROPRIABLE REVENUE
2018 - 2015

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2018 BUDGET	2017 ADJUSTED	2017 BUDGET	2016	2015
Revenue from Money & Property					
Bond Sales (Present & Future)	\$ 776,281,100	\$ -	\$ 791,341,276	\$ 125,003,513	\$ -
Investment Income	3,700,000	3,475,000	3,000,000	2,395,116	2,278,586
Subtotal	\$ 779,981,100	\$ 3,475,000	\$ 794,341,276	\$ 127,398,629	\$ 2,278,586
Revenue from Miscellaneous Sources					
Federal & State Grants	\$ 11,294,500	\$ 11,294,482	\$ 11,135,124	\$ 11,233,702	\$ 11,165,154
State Revolving Fund Loans	150,000,000	150,000,000	180,000,000	173,739,000	180,840,600
Miscellaneous	2,000,000	2,000,000	-	2,468,262	2,481,873
Subtotal	\$ 163,294,500	\$ 163,294,482	\$ 191,135,124	\$ 187,440,964	\$ 194,487,627
Total Revenue	\$ 943,275,600	\$ 166,769,482	\$ 985,476,400	\$ 314,839,593	\$ 196,766,213
Other Financing Sources (Uses)					
Equity Transfer	\$ (4,200,000)	\$ (13,000,000)	\$ (13,000,000)	\$ -	\$ -
GRAND TOTAL	\$ 939,075,600	\$ 153,769,482	\$ 972,476,400	\$ 314,839,593	\$ 196,766,213

**CORPORATE FUND
ESTIMATED BALANCE SHEET
JANUARY 1, 2018 AND 2017**

	ASSETS		2017	
	AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
CURRENT ASSETS				
Cash & Investments	\$ 127,347,300	\$ 127,347,300	\$ 102,800,000	\$ 102,800,000
Taxes Receivable	216,107,953	216,737,459	218,195,475	218,828,128
Replacement Tax	18,164,000	18,164,000	17,675,500	17,675,500
Total Current Assets	\$ 361,619,253	\$ 362,248,759	\$ 338,670,975	\$ 339,303,628
LIABILITIES & FUND EQUITY				
CURRENT LIABILITIES				
Unpaid Bills:				
Accrued Salaries & Wages	\$ 3,850,000	\$ 3,850,000	\$ 2,827,328	\$ 2,827,328
Personal Services - Other	1,022,559	1,022,559	-	-
Payroll Withholding & Miscellaneous	2,000,000	2,000,000	2,500,000	2,500,000
Contractual Services	28,000,000	28,000,000	18,045,000	18,045,000
Due to Corporate Working Cash Fund	190,000,000	190,000,000	180,000,000	180,000,000
Total Current Liabilities	\$ 224,872,559	\$ 224,872,559	\$ 203,372,328	\$ 203,372,328
Total Liabilities & Designations		\$ 224,872,559		\$ 203,372,328
ASSETS APPROPRIABLE FOR 2018 & 2017				
Net Assets Appropriable		\$ 137,376,200		\$ 135,931,300
Budget Reserve		\$ (105,443,300)		\$ (89,098,500)
Net Assets Appropriated		\$ 31,932,900		\$ 46,832,800
Estimated Revenue		\$ 336,094,000		\$ 322,093,000
Total Assets Appropriable		\$ 368,026,900		\$ 368,925,800
FUND EQUITY				
Undesignated	\$ 136,746,694		\$ 135,298,647	
Total Fund Equity	\$ 136,746,694		\$ 135,298,647	
Total Liabilities & Fund Equity	\$ 361,619,253		\$ 338,670,975	

**CORPORATE FUND
APPROPRIABLE REVENUE
2018 - 2015**

REVENUE DESCRIPTION	ESTIMATED			ACTUAL	
	2018 BUDGET	2017 ADJUSTED	2017 BUDGET	2016	2015
Revenue from Property Taxes					
Gross Tax Levy	\$ 240,465,800	\$ 223,946,065	\$ 223,946,065	\$ 226,109,300	\$ 227,196,000
Less Allowance for Uncollectible Taxes	(8,416,303)	(7,838,112)	(7,838,112)	(7,913,826)	(7,951,860)
Net Property Taxes	\$ 232,049,497	\$ 216,107,953	\$ 216,107,953	\$ 218,195,474	\$ 219,244,140
Revenue from Personal Property					
Replacement Tax	\$ 19,849,500	\$ 18,164,000	\$ 18,164,000	\$ 24,676,000	\$ 20,101,600
Net Tax Sources	\$ 251,898,997	\$ 234,271,953	\$ 234,271,953	\$ 242,871,474	\$ 239,345,740
Adjustment to match working cash borrowings	(4,598,997)	(4,271,953)	(4,271,953)	(4,671,474)	(4,445,740)
Working Cash Financing at 95% of Gross Tax Sources	\$ 247,300,000	\$ 230,000,000	\$ 230,000,000	\$ 238,200,000	\$ 234,900,000
Investment Income	\$ 1,300,000	\$ 1,093,000	\$ 600,000	\$ 1,020,669	\$ 1,003,361
Land Rentals	21,500,000	21,000,000	19,000,000	20,458,550	18,731,872
Sewer Permit Fees	900,000	1,000,000	900,000	1,007,195	1,078,886
Sewer Service Agreement Revenue	1,500,000	1,500,000	1,500,000	1,497,979	1,507,667
User Charge	46,000,000	52,600,000	47,000,000	44,487,370	48,176,512
Resource Recovery	1,600,000	280,000	4,000,000	-	-
Lockport Electricity Generation	1,000,000	1,200,000	1,000,000	1,176,146	1,236,698
Miscellaneous (details below)	10,794,000	13,102,200	12,093,000	12,438,302	12,624,456
Subtotal	\$ 84,594,000	\$ 91,775,200	\$ 86,093,000	\$ 82,086,211	\$ 84,359,452
Adjustment to Net Assets Available for Projected Receipts	-	5,391,307	-	11,314,834	17,607,678
Equity Transfer	4,200,000	6,000,000	6,000,000	-	-
GRAND TOTAL	\$ 336,094,000	\$ 333,166,507	\$ 322,093,000	\$ 331,601,045	\$ 336,867,130
Components of Miscellaneous					
TIF Surplus Distribution	\$ 9,500,000	\$ 11,500,000	\$ 10,800,000	\$ 8,431,979	\$ 5,943,460
TIF Differential Fee	225,000	225,000	225,000	225,000	225,000
Land Sales	-	50,200	-	1,233,562	3,164,016
Claims & Damage Settlements	-	200,500	-	186,573	55,090
Scrap Sales	50,000	85,000	50,000	67,015	137,817
Sales of Automobiles	16,000	35,000	15,000	23,707	72,855
Interest on Taxes - Cook County Treasurer	3,000	3,000	3,000	3,774	3,637
Other	1,000,000	1,003,500	1,000,000	2,266,692	3,022,581
Total	\$ 10,794,000	\$ 13,102,200	\$ 12,093,000	\$ 12,438,302	\$ 12,624,456

**STORMWATER MANAGEMENT FUND
ESTIMATED BALANCE SHEET
JANUARY 1, 2018 AND 2017**

	ASSETS			
	2018		2017	
	AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
CURRENT ASSETS				
Cash & Investments	\$ 15,900,000	\$ 15,900,000	\$ 7,247,468	\$ 7,247,468
Taxes Receivable	39,426,048	39,816,008	33,051,250	33,291,300
Total Current Assets	\$ 55,326,048	\$ 55,716,008	\$ 40,298,718	\$ 40,538,768
LIABILITIES & FUND EQUITY				
CURRENT LIABILITIES				
Unpaid Bills:				
Accrued Salaries & Wages	\$ 104,000	\$ 104,000	\$ 632,368	\$ 632,368
Contracts Payable	1,461,208	1,461,208	6,406,300	6,406,300
Vouchers Payable	2,000,000	2,000,000	-	-
Due to:				
Stormwater Working Cash Fund	26,500,000	26,500,000	26,500,000	26,500,000
Total Current Liabilities	\$ 30,065,208	\$ 30,065,208	\$ 33,538,668	\$ 33,538,668
Designated for Future Claims Liabilities		\$ -		\$ -
Total Current Liabilities and Designations		\$ 30,065,208		\$ 33,538,668
ASSETS APPROPRIABLE FOR 2018 AND 2017				
Net Assets Appropriable		\$ 25,650,800		\$ 7,000,100
Net Assets Appropriated		\$ 25,650,800		\$ 1,230,850
Equity Transfer to Bond and Interest Fund				5,769,250
Estimated Revenue		39,829,400		38,800,000
Total Assets Appropriable		\$ 65,480,200		\$ 45,800,100
FUND EQUITY	\$ 25,260,840		\$ 6,760,050	
Total Liabilities & Fund Equity	\$ 55,326,048		\$ 40,298,718	

Construction Fund Program

<u>Projects Under Construction</u>			Est.	MWRD		Award
#	Project Name	Project Number	Construc- tion Cost	2018 Appro- piation	Dura- tion (days)	/ Est. Award Date
1	FD&I New Tank Drives, LWRP	14-806-21	\$ 1,132	\$ 160	1,365	Sep-14
2	Membrane Gas Holder Replacement and Digester Cleaning, EWRP	11-403-2P	5,660	337	1,182	Nov-14
3	Parking Lot Replacement, EWRP	14-714-21	1,462	63	853	Oct-15
4	Rehabilitate the Digester Gas Turbine, SWRP	15-913-21	2,038	293	695	May-16
5	F&D Six Grit Pumps, CWRP	16-810-21	102	102	572	Oct-16
6	Industrial Waste Division and Construction Office Renovation, CWRP	16-268-2V	2,546	1,269	621	Nov-16
7	Applicant Management and Tracking, Onboarding, and Performance Management Systems	16-RFP-02	147	99	590	Nov-16
8	FD&I Upgraded Vacuum System at the 95th Street Pumping Station, CSA	16-806-21	286	86	407	Apr-17
9	F&D Stake Body Truck and Dump Truck, NSA	17-703-21	265	164	288	Jun-17
10	Recondition Raw Sewage Pump Motor No. 3, KWRP	17-710-21	127	110	243	Aug-17
11	Automated CAFR and Budget Solution	17-RFP-22	25	10	167	Sep-17
12	Television Inspection and Recording of Sewers and Manholes, District-wide	13-806-2S	1,944	800	1,096	Oct-17
13	FD&I Upgraded Coarse Screen Conveyor System at the North Branch Pumping Station, NSA	16-704-21	201	201	400	Oct-17
14	Rehabilitate One Raw Sewage Pump Rotating Assembly, OWRP	17-705-21	178	178	424	Nov-17
15	FD&I Boiler for Equipment Garage, CWRP	16-805-21	166	166	254	Dec-17
16	F&D Enhanced Bio-P Control Equipment, NSA	17-609-21	240	170	130	Dec-17
17	F&D Uninterruptible Power Supplies, KWRP and EWRP	17-611-21	66	66	130	Dec-17
18	Local Sewer System Section Permit Database	17-RFP-09	50	50	365	Dec-17
Total Projects Under Construction			\$ 16,635	\$ 4,324		
<u>Awards in 2018</u>			Est.	MWRD		Est.
#	Project Name	Project Number	Construc- tion Cost	2018 Appro- piation	Dura- tion (days)	Award Date
1	F&D Two Air Lift Blowers, EWRP	17-704-21	\$ 150	\$ 150	107	Jan-18
2	Employee Benefits Software	17-RFP-37	75	75	364	Jan-18
3	Rehabilitation of Blower No. 9, CWRP	18-803-21	450	450	364	Jan-18
4	Paint and Carpet Replacement, MOB	J15090-068	425	425	119	Jan-18
5	Enhancements to WorkForce System	MWD0000003FI	50	50	88	Jan-18
6	FD&I Fire Detection Systems, Various Locations	18-604-21	560	560	333	Feb-18
7	F&D Fine Screens, Grit Classifier, and Screw Conveyors, HPWRP and SWRP	18-608-21	580	580	272	Feb-18
8	F&D Bio-P Control Equipment, NSA	18-702-21	70	70	333	Feb-18
9	F&D Turbo Blower for Process Air, HPWRP	18-705-21	185	185	211	Feb-18
10	FD&I Grit Screw Conveyor, CWRP	18-802-21	300	300	241	Feb-18
11	Recondition Circuit Breakers, SSA	18-914-21	200	200	272	Feb-18
12	Installation of Drain Tile and Bioreactors, Fulton County	16-605-21	150	150	305	Mar-18
13	Rehabilitate Gloria Alitto Majewski Reservoir, KWRP	16-708-21	600	600	305	Mar-18
14	Microvi Pilot, OWRP	18-180-21	250	250	305	Mar-18

Awards in 2018 (continued)			Est.	MWRD		Est.
#	Project Name	Project Number	Construc- tion Cost	2018 Appro- piation	Dura- tion (days)	Award Date
15	F&D Submersible Pump, CSA	18-601-21	\$ 200	\$ 200	91	Mar-18
16	F&D Hydraulic Submersible Pump, EWRP	18-703-21	50	50	152	Mar-18
17	FD&I Influent Gate Actuators, OWRP	18-708-21	200	200	150	Mar-18
18	F&D Motor Excitation Control Equipment, SWRP	18-901-21	290	290	305	Mar-18
19	Rehabilitation of Elevators, MOB	J15090-054	400	400	152	Mar-18
20	Replace Air Conditioning Unit at Waterways Control Center, MOB	J15090-065	20	20	121	Mar-18
21	Performance Management Software	MWD0000007HR	25	25	213	Mar-18
22	Network Communication Switches	MWD0000015IT	406	406	305	Mar-18
23	F&D Programmable Logic Controllers, Chicago River Controlling Works	17-602-21	90	90	274	Apr-18
24	FD&I Headrace Handrail, Guardrail, and Fence, LPH	17-604-21	50	50	121	Apr-18
25	Rehabilitate Raw Sewage Pump Rotating Assemblies, Various Locations	18-610-21	825	400	730	Apr-18
26	HVAC Equipment Replacement, Various Locations	18-611-21	1,350	875	639	Apr-18
27	Roof Replacement, HPWRP	18-707-21	490	490	274	Apr-18
28	F&D Four Scum Pumps, SWRP	18-902-21	100	100	152	Apr-18
29	F&D Stainless Steel Tandem Tanker Trailer, SWRP	18-904-21	70	70	274	Apr-18
30	F&D Submersible Slurry Gate Pumping System, SWRP	18-905-21	75	75	274	Apr-18
31	Replace Media in Cooling Towers, SWRP	18-910-21	110	110	213	Apr-18
32	FD&I Louvers for TARP Drop Shafts, SSA	18-911-21	500	500	213	Apr-18
33	Skylight Replacement, SWRP	18-912-21	400	400	274	Apr-18
34	Roof Life Extension, MOB	J15090-064	250	250	121	Apr-18
35	Avaya Telecom Project	MWD0000013IT	164	164	274	Apr-18
36	F&D Interoperable Distributed Control System Workstations and TARP Controllers, Various Locations	17-901-21	125	125	244	May-18
37	F&D Station Batteries, Various Locations	18-605-21	275	275	244	May-18
38	Rehabilitation of the Overhead Bridge Crane, SSA	18-906-21	240	240	244	May-18
39	Renovate Bathroom Stalls, MOBC	J15090-069	190	190	152	May-18
40	F&D Rubber Tire Excavator/Backhoe, LASMA	18-602-21	225	225	213	Jun-18
41	FD&I Spring-Loaded Covers, NSA	18-603-21	75	75	152	Jun-18
42	F&D Screener, CALSMA	18-606-21	400	400	213	Jun-18
43	F&D Wheel Loader, LASMA	18-607-21	350	350	213	Jun-18
44	FD&I Storage Dome for Biosolids, HASMA	18-609-21	350	350	213	Jun-18
45	Replacement of Railroad Grade Crossings, SSA	18-913-21	475	475	213	Jun-18
46	F&D Two Debris Baskets, KWRP	18-701-21	200	200	183	Jul-18
47	Recondition Raw Sewage Pump Motor No. 1, KWRP	18-704-21	180	100	548	Jul-18
48	FD&I Three Bar Screens, KWRP	18-706-21	750	250	548	Jul-18
49	F&D Fire Alarm System Fiber Optic Cable, SWRP	18-903-21	25	25	183	Jul-18
50	Auditorium Improvements at the Stickney Lab, SWRP	18-181-21	125	125	151	Aug-18
51	Bathroom Improvements at the Stickney Lab, SWRP	18-182-21	250	250	151	Aug-18
52	HVAC Improvements at the Stickney Lab, SWRP	18-183-21	125	125	151	Aug-18
Total 2018 Awards			\$ 14,470	\$ 12,990		
Total Projects Under Construction and 2018 Awards			\$ 31,105	\$ 17,314		

Projects Under Development

#	Project Name	Project Number	Est. Construction Cost
53	Agriculture Pilot Projects	To be determined	\$ 2,000
54	Alternate Digestion Pilot Program	To be determined	75
55	Phosphorus Recovery Pilot Program	To be determined	75
		Total Future Awards	<u>\$ 2,150</u>
		Cumulative Projects Under Construction, 2018 Awards, and Future Awards	<u>\$ 33,255</u>

Note: All cost figures are in thousands of dollars.

Capital Improvements Bond Fund Program

Awards in 2018			Est. Construc- tion Cost	Dura- tion (days)	Est. Award Date
#	Project Name	Project Number			
1	North Side Sludge Pipeline Replacement - Section 1, NSA	07-027-3S	\$ 14,327	820	Jan-18
2	Organic Waste Receiving Facility and Digester Gas Flare Upgrade, CWRP	11-240-3P	8,500	545	Jan-18
3	Stickney Effluent Reuse Line, SSA	14-107-3S	800	469	Jan-18
4	Drop Shaft 5 Inspection and Rehabilitation, NSA	14-372-3S	2,700	472	Jan-18
5	Summit Conduit Rehabilitation, SSA	16-126-3S	1,700	520	Jan-18
6	Furnish, Deliver, and Install Telemetry Replacement for SCADA Control, Various Locations	17-606-31	645	355	Jan-18
7	Elevator Improvements at the Mainstream Pumping Station, SSA	17-903-41	245	325	Jan-18
8	Enhancements to the Laboratory Information Management System, SSA	17-RFP-15	299	387	Jan-18
9	Furnish, Deliver, and Install Disc Filters, EWRP	18-702-31	3,200	1,065	Jan-18
10	Emerson Ovation Distributed Control System, NSA	18-704-31	1,802	364	Jan-18
11	Conversion of Primary Tanks to High Strength Waste Receiving and Distribution, CWRP	16-272-3P	3,500	515	Feb-18
12	Heavy Equipment Storage Building Site Improvements, Bulk Storage Building, CWRP and OWRP	17-845-3P	1,560	304	Feb-18
13	Pump Rehabilitation and Diverter Gate Installation, EWRP	16-412-3M	400	91	Mar-18
14	Fischer Farms Horticultural Center, HPWRP	16-538-3V	3,500	396	Mar-18
15	Pilot Study for Investigating Technology to Address Basement Backups, CSA	16-IGA-20	400	670	Mar-18
16	Structural Repairs and Roofing Replacement at the 95th Street Pumping Station, CSA	17-276-3P	1,866	670	Mar-18
17	Plant Information Management System, Various Locations	17-RFP-36	300	304	Mar-18
18	Pavement Rehabilitation, Various Locations	18-605-31	1,100	656	Mar-18
19	Guaranteed Energy Performance, Various Locations	18-706-31	3,500	245	Mar-18
20	Switchgear and Motor Control Center Replacement, OWRP	17-080-3E	2,200	760	Apr-18
21	Odor Control Facilities at WASSTRIP®, Southwest Coarse Screen and Overhead Weir, and Post-Centrifuge Building, SWRP	17-134-3M	15,000	700	May-18
22	Modifications to TARP Structures, CSA and SSA	17-842-3H	2,500	635	May-18
23	Rehabilitation of North Branch Pumping Station, NSA	16-079-3D	3,000	618	Jun-18
24	Furnish, Deliver, and Configure a Fence Line Odor Monitoring System, SWRP	18-RFP-XX	300	182	Jun-18
25	Rehabilitation of Steel Spandrel Beams of Pump and Blower House, OWRP	15-069-3D	10,000	822	Sep-18
26	39th Street Conduit Rehabilitation - Phase II, SSA	01-103-AS	24,700	770	Oct-18
27	Replacement of Tailrace Stop Logs, Headrace Gates, and Equipment, CWRP	15-830-3D	10,000	761	Oct-18
28	Furnish, Deliver, and Install Odor Control Systems, KWRP, HPWRP, and CWRP	17-844-3P	3,000	425	Nov-18
29	Railroad Locomotive Terminal Restoration, SWRP	18-904-31	1,440	457	Nov-18
30	Digester Rehabilitation and Gas Piping Replacement, SWRP	17-140-3P	15,000	669	Dec-18
31	Furnish and Install Odor Control System at the Thornton Reservoir, CSA	17-273-3P	1,200	395	Dec-18
Total 2018 Awards			\$ 138,684		

Projects Under Development

#	Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date
32	North Shore 1 Rehabilitation, NSA	10-047-3S	\$ 22,750	920	Jan-19
33	Dewatering System, CWRP	17-2XX-3P	10,000	1,094	Jan-19
34	Energy Neutrality Improvements, EWRP	17-413-3P	20,000	720	Jan-19
35	Energy Neutrality Improvements, HPWRP	17-539-3P	15,000	720	Jan-19
36	Upper Des Plaines Intercepting Sewer 11D, Ext. C Rehabilitation, NSA	11-404-3S	5,500	720	Feb-19
37	Upper Des Plaines Intercepting Sewer 14B Rehabilitation, KWRP	06-360-3S	6,700	360	Mar-19
38	Decommissioning of the Thornton Transitional Reservoir, CSA	15-266-4H	3,500	660	Mar-19
39	Phosphorus Recovery System, CWRP	12-245-3P	31,000	1,095	Jun-19
40	Screens and Conveyor Improvements at the 125th Street Pumping Station, CSA	09-230-3M	3,825	720	Jul-19
41	Battery B Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-128-3D	2,000	370	Aug-19
42	A/B and C/D Service Tunnel Rehabilitation - Phase III, SWRP	16-127-3D	17,000	1,095	Oct-19
43	Digester Gas Utilization Facilities, SWRP	11-189-3P	17,000	1,095	Jan-20
44	Upper Des Plaines Intercepting Sewer 11D Rehabilitation, NSA	12-369-3S	5,500	720	Sep-20
45	Palos Hills Pumping Station Force Main, CSA	11-242-3S	6,700	620	Feb-21
46	Roof Replacement of the Lue-Hing M&R Complex, SWRP	17-135-3V	6,500	730	Mar-21
47	Battery C Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-129-3D	2,000	370	Aug-21
48	Battery D Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-130-3D	2,000	370	Aug-21
49	Deammonification System, SWRP	13-101-3P	30,000	820	Sep-21
50	Organic Waste Receiving Station, SWRP	14-117-3P	30,000	530	Sep-21
51	McCook Reservoir Expanded Stage 2 Rock Wall Stabilization, SWRP	17-131-4F	5,000	1,278	Feb-22
Total Future Awards			\$ 241,975		
Cumulative 2018 and Future Awards			\$ 380,659		

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 <u>Fund Loans</u>	General Obligation	
		<u>Bonds</u>	<u>Total</u>
Tunnel and Reservoir Plan	\$ -	\$ -	\$ -
Water Reclamation Plant	-	85,459	85,459
Expansion and Improvements	-	-	-
Solids Management	-	84,767	84,767
Collection Facilities	30,200	53,392	83,592
Replacement of Facilities	49,025	77,416	126,441
Other	-	400	400
	\$ 79,225	\$ 301,434	\$ 380,659

Stormwater Management Capital Improvements Bond Fund Program

<u>Awards in 2018</u>		Project Number	Est. Construc- tion Cost	Dura- tion (days)	Est. Award Date
1	Streambank Stabilization Project on Tinley Creek, CSA	10-882-AF	\$ 3,806	577	Jan-18
2	Streambank Stabilization Project along Midlothian Creek, Tinley Park, CSA	10-882-CF	392	357	Jan-18
3	Demolition at Addison Creek Reservoir and Thornton Reservoir, SSA, CSA	11-186-AF	1,050	111	Jan-18
4	Streambank Stabilization Project on Melvina Ditch in Oak Lawn and Chicago Ridge, CSA	13-248-3F	8,800	730	Jan-18
5	* Buffalo Creek Reservoir Expansion, NSA	13-370-3F	19,300	546	Jan-18
6	Flossmoor Flood-Prone Property Acquisition, CSA	16-IGA-12	638	121	Mar-18
7	Addison Creek Reservoir, SSA	11-186-3F	95,155	731	Apr-18
8	Acquisition, Conversion, and Maintenance of Open Space of Flood-Prone Parcels of Property located along Addison Creek in the Village of Stone Park, SSA	16-IGA-15	2,700	760	Jun-18
Total 2018 Awards			\$ 131,841		

Projects Under Development

#	Project Name	Project Number	Est. Construc- tion Cost	Dura- tion (days)	Est. Award Date
9	Addison Creek Channel Improvements, SWRP	11-187-3F	\$ 44,512	1,095	Nov-19
Total Future Awards			\$ 44,512		
Cumulative 2018 and Future Awards			\$ 176,353		

*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.

<u>Method of Financing</u>			
State Revolving Fund	Alternate Loans	Bonds	Grants
<u>Loans</u>	<u>Bonds</u>	<u>Grants</u>	<u>Total</u>
\$ 148,859	\$ 17,494	\$ 10,000	\$176,353

**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE ADOPTED 2018 BUDGET RECOMMENDATIONS**

Department Page Number:
1 of 1

Fund: 201 Department Number: 50000 Fund Name: Construction

THE FOLLOWING CHANGES ARE RECOMMENDED:

Budget Tentative Page	ED Rec. Page	Code	Position Title or Line Item Name	FROM		TO		Plus/(Minus)		Explanation
				No.	\$ Amount	No.	\$ Amount	No.	\$ Amount	
51	419	645650	Process Facilities Structures		\$2,652,500		\$2,526,500		(\$126,000)	Decrease is due to the reprioritization of the plant projects at various locations.
51	419	645680	Buildings		\$3,855,000		\$3,781,000		(\$74,000)	Decrease is due to the favorable award of 16-805-21, Furnish, Deliver, and Install Boiler for Equipment Garage, CWRP.
51	419	645700	Preservation of Collection Facility Structures		\$940,000		\$1,140,000		\$200,000	Increase is due to the revised scope and cost estimate for 18-610-21, Rehabilitate Raw Sewage Pump Rotating Assemblies, Various Locations.

CONSTRUCTION FUND BUDGET TOTAL: \$26,080,600 \$26,080,600 \$0

December 2017 (BF-21)

John P. Murray
Department Head (Recommended)

[Signature]
Budget Officer (Reviewed)

[Signature]
Executive Director (Approved)

12/15/17
Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE ADOPTED 2018 BUDGET RECOMMENDATIONS**

Department Page Number:
1 of 1

Fund: 401 Department Number: 50000 Fund Name: Capital Improvements Bond

THE FOLLOWING CHANGES ARE RECOMMENDED:

<i>Budget</i>										
<i>Tentative</i>	<i>ED Rec.</i>		<i>Position Title</i>		<i>FROM</i>		<i>TO</i>		<i>Plus/(Minus)</i>	
<i>Page</i>	<i>Page</i>	<i>Code</i>	<i>or Line Item Name</i>	<i>No.</i>	<i>\$ Amount</i>	<i>No.</i>	<i>\$ Amount</i>	<i>No.</i>	<i>\$ Amount</i>	<i>Explanation</i>
56	495	612400	Intergovernmental Agreements		\$3,250,000		\$3,888,000		\$638,000	Increase is due to the movement of 16-IGA-20, Pilot Study for Investigating Technology to Address Basement Backups, CSA, from the Stormwater Management Fund to the Capital Improvements Bond Fund (\$400,000) and to correct the funding amount required for 16-IGA-12, Flossmoor Flood-Prone Property Acquisition, CSA (\$238,000).
56	495	612430	Payments for Professional Services		\$1,049,000		\$1,199,000		\$150,000	Increase is due to the reclassification from the Capital Projects, N.O.C. commitment item and revised cost estimate for 17-RFP-36, Procurement of a Plant Information Management System for the District's Water Reclamation Plants.
--	--	634820	Computer Software		\$0		\$150,000		\$150,000	Increase is due to the reclassification from the Capital Projects, N.O.C. commitment item and revised cost estimate for 17-RFP-36, Procurement of a Plant Information Management System for the District's Water Reclamation Plants.
56	495	645690	Capital Projects, N.O.C.		\$5,602,000		\$5,302,000		(\$300,000)	Decrease is due to the reclassification to the Payments for Professional Services and Computer Software commitment items of 17-RFP-36, Procurement of a Plant Information Management System for the District's Water Reclamation Plants.

CAPITAL IMPROVEMENTS BOND FUND BUDGET TOTAL: \$312,344,900 \$312,982,900 \$638,000

December 2017 (BF-21)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

12/15/17
Date

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METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
 CHANGES TO THE ADOPTED 2018 BUDGET RECOMMENDATIONS

Department Page Number:
 1 of 1

Fund: 501 Department Number: 50000 Fund Name: Stormwater Management

THE FOLLOWING CHANGES ARE RECOMMENDED:

<i>Budget Tentative Page</i>	<i>ED Rec. Page</i>	<i>Code</i>	<i>Position Title or Line Item Name</i>	<i>No.</i>	<i>FROM \$ Amount</i>	<i>No.</i>	<i>TO \$ Amount</i>	<i>No.</i>	<i>Plus/(Minus) \$ Amount</i>	<i>Explanation</i>
60	540	612400	Intergovernmental Agreements		\$26,669,700		\$26,269,700		(\$400,000)	Decrease is due to the movement of 16-IGA-20, Pilot Study for Investigating Technology to Address Basement Backups, CSA, from the Stormwater Management Fund to the Capital Improvements Bond Fund.

STORMWATER MANAGEMENT FUND BUDGET TOTAL: \$65,880,200 \$65,480,200 (\$400,000)

December 2017 (BF-21)


 Department Head (Recommended)


 Budget Officer (Reviewed)


 Executive Director (Approved)

12/15/17
 Date

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APPROPRIATION ORDINANCE NUMBER O17-002A
(CONTINUED)

THE METROPOLITAN WATER RECLAMATION DISTRICT RETIREMENT FUND

And an amount of Estimated Expenditures for the Purpose of the Metropolitan Water Reclamation District Retirement Fund of \$89,604,000.

Section 9. That the appropriation herein of the amounts for the payment of “unpaid bills” or “contractual liabilities,” or to defray the expense of any project or purpose, shall not be construed as an approval or an admission of liability by the Board of Commissioners of any said bills or contractual liabilities, or of any project or purpose mentioned herein but shall be regarded only as the provision of a fund or funds, for the payment thereof when

said bills or contractual liabilities have been found to be valid and legal obligations against the Metropolitan Water Reclamation District of Greater Chicago and when properly vouchered and audited by the Department of Finance, or when any project or purpose is approved and authorized by the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago, as the case may be.

Section 10. This ordinance shall take effect January 1, 2018.

Approved as to Form and Legality:

Head Assistant Attorney

General Counsel

Approved:

*President,
Board of Commissioners of the
Metropolitan Water Reclamation District
of Greater Chicago*