



# Metropolitan Water Reclamation District of Greater Chicago Agenda Special Meeting

100 East Erie Street  
Chicago, IL 60611

*Chairman of Finance Frank Avila, Commissioner Kenneth Dunkin, Commissioner Martin J. Durkan, Vice-President Barbara J. McGowan, Commissioner Josina Morita, Commissioner Debra Shore, Commissioner Kari K. Steele, Commissioner David J. Walsh, President Board of Commissioners Mariyana T. Spyropoulos*

Thursday, November 1, 2018

1:00 PM

Board Room

## DEPARTMENTAL BUDGET PRESENTATIONS

### Call Meeting to Order

### Roll Call

### Public Comment

### Clerk to Read Call of the Meeting

- 1 [18-1152](#) To the Honorable President and Members of the Board of Commissioners of the Metropolitan Water Reclamation District of Greater Chicago

Ladies and Gentlemen:

At the direction of President Mariyana T. Spyropoulos and presiding Chairman of the Committee on Budget and Employment, Kari K. Steele, a Special Meeting will be held on Thursday, November 1, 2018, at 1:00 p.m. in the Board Room, 100 East Erie Street, Chicago, Illinois.

The purpose of this meeting is to present and accept the 2019 Executive Director's Budget Recommendations and related changes.

The Executive Director's Budget Recommendations is available for review on the District's website, [www.mwrd.org](http://www.mwrd.org) <<http://www.mwrd.org>>.

/s/ Jacqueline Torres  
Clerk

- 2      [18-1138](#)      Authority to Accept the Executive Director's 2019 Budget Recommendations and the Attached Changes
- Attachments:      [BF-19 Consolidated Packet.pdf](#)

**Open Discussion**

**Adjournment**



# Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street  
Chicago, IL 60611

## Legislation Text

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**File #:** 18-1152, **Version:** 1

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District of Greater Chicago

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# Metropolitan Water Reclamation District of Greater Chicago

100 East Erie Street  
Chicago, IL 60611

## Legislation Text

File #: 18-1138, Version: 1

### TRANSMITTAL LETTER FOR SPECIAL MEETING OF NOVEMBER 1, 2018

#### COMMITTEE ON BUDGET AND EMPLOYMENT

Mr. John P. Murray, Acting Executive Director

Authority to Accept the Executive Director's 2019 Budget Recommendations and the Attached Changes

Dear Sir:

The attached changes to the Executive Director's 2019 Budget Recommendations (BF-19 budget forms) are submitted for your consideration during the Committee on Budget and Employment Special Meeting beginning on November 1, 2018. The requested net changes to appropriations are summarized below:

<u>FUND</u>	<u>DEPARTMENT</u>	<u>NET CHANGE</u>
CORPORATE	General Administration	\$0
	Monitoring & Research	0
	Information Technology	80,000
	Finance	(25,000)
	Maintenance & Operations	0
	TOTAL CORPORATE FUND	\$55,000
CONSTRUCTION		\$310,000
CAPITAL IMPROVEMENTS BOND		\$12,276,000

The total appropriation request for the 2019 Budget is \$1,092,299,141, an increase of \$12,641,000 from the initial appropriation request of \$1,079,658,141. Compared to the 2018 total adjusted appropriation of \$1,151,051,387, this is a decrease of \$58,752,246, or 5.1 percent.

The estimated total tax levy for the 2019 Budget is \$640,649,270, unchanged from the initial budget request. Compared to the 2018 total adjusted levy of \$621,317,594, this is an increase of \$19,331,676, or 3.1 percent.

The total appropriation request for the Corporate Fund is \$376,862,500, an increase of \$55,000 from the initial budget request of \$376,807,500. The change in appropriation will allow for the implementation of two Information Technology projects that will result in increased efficiencies. Compared to the 2018 adjusted appropriation of \$370,209,200, this is an increase of \$6,653,300, or 1.8 percent.

The total appropriation request for the Construction Fund is \$17,912,300, an increase of \$310,000 from the initial budget request of \$17,602,300. The change in appropriation is primarily due the addition of one project to rehabilitate Main Sewage Pump motor windings at the Stickney WRP. Compared to the 2018 adjusted appropriation of \$26,080,600, this is a decrease of \$8,168,300, or 31.3 percent.

The total appropriation request for the Capital Improvements Bond Fund is \$248,707,900, an increase of \$12,276,000 from the initial budget request of \$236,431,900. The change in appropriation is due to changes in

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project schedules and cost estimates. Compared to the 2018 adjusted appropriation of \$312,982,900, this is a decrease of \$64,275,000, or 20.5 percent.

Revised budget pages 44-45 include appropriation changes with no changes to the estimated tax rate.

Revised budget page 55 summarizes the appropriations and reflects all proposed changes for the 2019 Budget.

Revised budget pages 75-77 present a summary of revenues and expenditures for all funds for 2019, as budgeted, and 2018, as estimated.

Revised budget page 87 presents estimated balance sheets for the Corporate Fund due to changes in appropriated assets.

Revised budget pages 93-94 present estimated revenue and balance sheets for the Capital Improvements Bond Fund due to changes in cost estimates and project schedules.

Revised budget page 95 presents estimated balance sheets for the Construction Fund due to changes in cost estimates and project schedules.

Revised position analysis page 160 for the Monitoring & Research Department in the Corporate Fund shows the implementation of a crosshatch #4 for one Laboratory Technician II position in Section 124, which signifies a pay grade change to the Technical, Administrative, and Managerial (TAM) salary schedule from the previously assigned salary schedule.

Revised budget pages 337-338 and 389-391 provide an updated list of capital projects for the Construction Fund and the Capital Improvements Bond Fund.

BF-19 budget forms, pages 1 through 10, detail all requested changes in appropriation and staffing.

Requested, Eileen M. McElligott, Administrative Services Officer, SAR:SKL

Respectfully Submitted, Kari K. Steele, Chairman Committee on Budget and Employment

Disposition of this agenda item will be documented in the official Special Board Meeting Minutes of the Board of Commissioners for November 1, 2018

#### Attachments

- 1) Revised budget pages 44-45, 55, 75-77, 87, 93-94, 95, 160, 337-338, and 389-391 dated October 24, 2018
- 2) BF-19 budget forms, pages 1-10, dated October 24, 2018

# COMPARATIVE STATEMENT OF APPROPRIATIONS AND TAX LEVIES

## 2019-2017 ALL FUNDS

APPROPRIATIONS	2019 **	2018 AS PASSED	2018 AS ADJUSTED *	2017 ACTUAL
<b>FUND</b>				
Corporate Fund	\$ 376,862,500	\$ 370,209,200	\$ 370,209,200	\$ 368,925,800
Construction Fund	17,912,300	26,080,600	26,080,600	34,450,400
Capital Improvements Bond Fund ***	248,707,900	312,982,900	312,982,900	354,625,600
Stormwater Management Fund	91,410,100	65,581,000	65,581,000	45,800,100
Retirement Fund	87,281,000	89,604,000	89,604,000	79,505,000
Reserve Claim Fund	31,767,800	30,289,500	30,289,500	30,617,100
Bond Redemption & Interest Fund	238,357,541	256,304,187	256,304,187	228,825,813
<b>TOTAL</b>	<b>\$ 1,092,299,141</b>	<b>\$ 1,151,051,387</b>	<b>\$ 1,151,051,387</b>	<b>\$ 1,142,749,813</b>
<b>LEVIES</b>				
Corporate Fund	\$ 254,574,100	\$ 240,465,800	\$ 240,465,800	\$ 224,824,731
Construction Fund	7,600,000	11,700,000	11,700,000	17,000,000
Stormwater Management Fund	52,926,000	47,826,000	47,826,000	40,856,008
Retirement Fund	71,565,400	71,534,197	71,534,197	73,438,135
Reserve Claim Fund	7,500,000	6,000,000	6,000,000	5,900,000
Subtotal	\$ 394,165,500	\$ 377,525,997	\$ 377,525,997	\$ 362,018,874
Bond Redemption & Interest Fund:				
Capital Improvement Bonds - Series:				
2016 Qualified Energy Conservation Limited Tax Series F	\$ 165,804	\$ 165,804	\$ 165,804	\$ 165,804
2009 Limited Tax Series	35,564,767	35,564,767	35,564,767	35,564,767
2011 Limited Tax Series B	18,950,616	28,911,239	28,911,239	41,406,315
2011 Unlimited Tax Series C	2,515,991	4,184,800	4,184,800	3,981,898
2014 Limited Tax Series C	8,286,788	6,763,472	6,763,472	3,240,156
2014 Unlimited Tax Series A	5,181,348	5,181,348	5,181,348	5,181,348
2014 Alternate Revenue Unlimited Tax Series B ****	3,391,037	3,390,570	3,390,570	—
2016 Alternate Revenue Unlimited Tax Series E ****	2,590,674	2,590,674	2,590,674	—
Alternate Revenue Abatement ****	—	—	—	—
2016 Unlimited Tax Series C	1,554,405	1,554,405	1,554,405	1,554,405
2016 Limited Tax Series D	1,036,270	1,036,270	1,036,270	1,036,270
State Revolving Fund Bonds - Series: Various	97,420,666	85,458,595	85,458,596	77,609,685
Refunding Bonds - Series:				
2007 Unlimited Tax Series A	26,694,301	26,623,057	26,623,057	26,509,845
2007 Unlimited Tax Series B	4,996,749	4,996,749	4,996,749	4,996,749
2007 Limited Tax Series C	5,541,607	5,541,607	5,541,607	5,541,607
2014 Limited Tax Series D	15,895,337	15,130,830	15,130,830	9,264,767
2016 Unlimited Tax Series A	14,555,959	14,555,959	14,555,959	14,555,959
2016 Limited Tax Series B	2,141,451	2,141,451	2,141,451	2,141,451
Subtotal Bond Redemption & Interest Fund	\$ 246,483,770	\$ 243,791,597	\$ 243,791,597	\$ 232,751,026
<b>TOTAL</b>	<b>\$ 640,649,270</b>	<b>\$ 621,317,594</b>	<b>\$ 621,317,594</b>	<b>\$ 594,769,900</b>
Abatement after the budget year ****	(6,185,100)	(6,152,228)	(6,152,228)	
<b>Total (after planned abatement)</b>	<b>\$ 634,464,170</b>	<b>\$ 615,165,366</b>	<b>\$ 615,165,366</b>	

NOTES: \* As Adjusted reflects the 2017 EAV (\$147,945,823,261) estimated to increase 3.0 percent, plus any subsequent supplemental levies or appropriations.

\*\* 2019 reflects an estimated 3.0 percent increase in EAV from the 2018 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

## 2019-2017 ALL FUNDS

Per \$100 in Equalized Assessed Valuation (EAV)

FUND		2019 **	2018 AS PASSED	2018 AS ADJUSTED *	2017 ACTUAL
	tax rate limit				
Corporate Fund	41¢	16.22¢	16.11¢	15.78¢	15.20¢
Construction Fund	10¢	0.48	0.78	0.77	1.15
Stormwater Management Fund	5¢	3.37	3.20	3.14	2.76
Retirement Fund		4.56	4.79	4.69	4.96
Reserve Claim Fund	½ ¢	0.48	0.40	0.39	0.40
Subtotal		25.11¢	25.28¢	24.77¢	24.47¢
Bond Redemption & Interest Fund:					
Capital Improvement & Interest Fund:					
2016 Qualified Energy Conservation Limited Tax Series F		0.01¢	0.01¢	0.01¢	0.01¢
2009 Limited Tax Series		2.27	2.38	2.33	2.40
2011 Limited Tax Series B		1.21	1.94	1.90	2.80
2011 Unlimited Tax Series C		0.16	0.28	0.27	0.27
2014 Limited Tax Series C		0.53	0.45	0.44	0.22
2014 Unlimited Tax Series A		0.33	0.35	0.34	0.35
2014 Alternate Revenue Unlimited Tax Series B ***		0.22	0.23	0.22	—
2016 Alternate Revenue Unlimited Tax Series E ***		0.17	0.17	0.17	—
Alternate Revenue Abatement ***		—	—	—	—
2016 Unlimited Tax Series C		0.10	0.10	0.10	0.11
2016 Limited Tax Series D		0.07	0.07	0.07	0.07
State Revolving Fund Bonds - Series:					
Various		6.21	5.72	5.61	5.25
Refunding Bonds - Series:					
2007 Unlimited Tax Series A		1.70	1.78	1.75	1.79
2007 Unlimited Tax Series B		0.32	0.33	0.33	0.34
2007 Limited Tax Series C		0.35	0.37	0.36	0.37
2014 Limited Tax Series D		1.01	1.01	0.99	0.63
2016 Unlimited Tax Series A		0.93	0.97	0.96	0.98
2016 Limited Tax Series B		0.14	0.14	0.14	0.14
Subtotal Bond Redemption & Interest Fund		15.73¢	16.30¢	15.99¢	15.73¢
<b>TOTAL</b>		<b>40.84¢</b>	<b>41.58¢</b>	<b>40.76¢</b>	<b>40.20¢</b>

NOTES: \* As Adjusted reflects the 2017 EAV (\$147,945,823,261) estimated to increase 3.0 percent, plus any subsequent supplemental levies or appropriations.

\*\* 2019 reflects an estimated 3.0 percent increase in EAV from the 2018 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

## 2019 - 2018 ALL FUNDS

ORGANIZATION OR FUND	Account Appropriation		Increase (Decrease) 2019-2018	
	2019	2018	Dollars	Percent
<b>Board of Commissioners</b>	\$ 5,266,700	5,145,200	\$ 121,500	2.4
<b>General Administration</b>	19,717,900	16,725,400	2,992,500	17.9
<b>Monitoring &amp; Research</b>	31,253,400	31,888,700	(635,300)	(2.0)
<b>Procurement &amp; Materials Management</b>	9,786,100	9,466,700	319,400	3.4
<b>Human Resources</b>	60,108,000	59,226,400	881,600	1.5
<b>Information Technology</b>	18,432,300	17,052,500	1,379,800	8.1
<b>Law</b>	7,168,700	7,502,800	(334,100)	(4.5)
<b>Finance</b>	3,649,700	3,743,900	(94,200)	(2.5)
<b>Maintenance &amp; Operations:</b>				
<b>General Division</b>	31,634,100	26,155,200	5,478,900	20.9
<b>North Service Area</b>	43,382,000	42,258,700	1,123,300	2.7
<b>Calumet Service Area</b>	36,634,900	36,295,300	339,600	0.9
<b>Stickney Service Area</b>	84,355,400	86,426,300	(2,070,900)	(2.4)
<b>TOTAL Maintenance &amp; Operations</b>	\$ 196,006,400	191,135,500	\$ 4,870,900	2.5
<b>Engineering</b>	25,473,300	28,322,100	(2,848,800)	(10.1)
<b>TOTAL Corporate Fund</b>	\$ 376,862,500	370,209,200	\$ 6,653,300	1.8
<b>Construction Fund</b>	17,912,300	26,080,600	(8,168,300)	(31.3)
<b>Capital Improvements Bond Fund</b>	248,707,900	312,982,900	(64,275,000)	(20.5)
<b>TOTAL Capital Budget</b>	\$ 266,620,200	339,063,500	\$ (72,443,300)	(21.4)
<b>Stormwater Management Fund</b>	91,410,100	65,581,000	25,829,100	39.4
<b>Bond Redemption &amp; Interest Fund</b>	238,357,541	256,304,187	(17,946,646)	(7.0)
<b>Retirement Fund</b>	87,281,000	89,604,000	(2,323,000)	(2.6)
<b>Reserve Claim Fund</b>	31,767,800	30,289,500	1,478,300	4.9
<b>GRAND TOTAL</b>	<u>1,092,299,141</u>	<u>1,151,051,387</u>	<u>(58,752,246)</u>	<u>(5.1)</u>



**ALL FUNDS**
**SUMMARY OF REVENUE, EXPENDITURES, AND NET ASSETS APPROPRIABLE (b)**  
**2019 BUDGETED, 2018 ESTIMATED, AND 2017 ACTUAL**  
(In Thousands)

	FUND							
	CORPORATE	CAPITAL IMPROVEMENTS BOND	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT (d)	BOND REDEMPTION & INTEREST (d)	RESERVE CLAIM (d)	TOTAL
<b>2019 BUDGETED</b>								
Net Assets Appropriable	\$ 131,296.6	\$ (609,357.7)	\$ 10,192.3	\$ 45,807.0	\$ 87,281.0	\$ 230,060.6	\$ 31,167.8	\$ (73,552.4)
Net Assets Appropriated	\$ 31,366.5	\$ (609,357.7)	\$ 10,192.3	\$ 45,807.0	\$ 87,281.0	\$ 230,060.6	\$ 31,167.8	\$ (173,482.5)
Revenue	345,496.0	858,065.6	7,720.0	45,603.1	—	8,296.9	600.0	1,265,781.6
Appropriation	\$ 376,862.5	\$ 248,707.9	\$ 17,912.3	\$ 91,410.1	\$ 87,281.0	\$ 238,357.5	\$ 31,767.8	\$ 1,092,299.1
<b>2018 ESTIMATED</b>								
Beginning Net Assets Appropriable as adjusted (c)	\$ 143,474.1	\$ (615,827.5)	\$ 15,526.9	\$ 35,706.1	\$ 89,604.0	\$ 248,287.6	\$ 30,591.2	\$ (52,637.6)
Revenue (a)	338,517.0	164,360.5	11,451.0	40,229.3	—	8,016.6	458.1	\$ 563,032.5
Adjustment for 2017 receipts	(3,319.3)	—	(461.8)	(369.2)	—	—	—	\$ (4,150.3)
Expenditures	(347,375.2)	(157,890.7)	(16,323.8)	(29,759.2)	(89,604.0)	(256,304.2)	(5,600.0)	\$ (902,857.1)
Ending Net Assets Appropriable	\$ 131,296.6	\$ (609,357.7)	\$ 10,192.3	\$ 45,807.0	\$ —	\$ —	\$ 25,449.3	\$ (396,612.5)
<b>2017 ACTUAL</b>								
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	339,836.6	178,242.3	22,936.2	39,264.3	—	4,625.7	310.0	\$ 585,215.1
Expenditures	(338,424.1)	(245,028.4)	(13,793.3)	(17,401.4)	(79,505.0)	(215,647.3)	(6,905.1)	(916,704.6)
Ending Net Assets Appropriable	\$ 143,474.1	\$ (615,827.5)	\$ 15,526.9	\$ 35,706.1	\$ —	\$ 13,514.9	\$ 24,860.5	\$ (382,745.0)
<b>Adjusted NAA 1/1/2018</b>								
	\$ 140,154.8		\$ 15,065.1	\$ 35,336.9				
Adjustment (a)	\$ (3,319.3)		\$ (461.8)	\$ (369.2)				

(a) Adjustment to NAA required due to current 2018 estimate on collection of property tax levies and PPRT. See the Balance Sheets and Appropriable Revenue statements 01/01/2018 for the Corporate (pages 87-88), Construction (pages 95-96), and Stormwater Management (pages 99-100) Funds. The adjustment is reflected in the 2018 revenues.

(b) This statement is a summary presentation of pages 76-78, separating current revenue and NAA from the revenue category.

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

(d) Revenue for the Retirement, 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**  
**2019 BUDGETED**  
(In Thousands)

	FUND								
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	TOTAL	
<b>REVENUE</b>									
Net Assets Appropriable	\$ 131,296.6	\$ (609,357.7)	\$ 10,192.3	\$ 45,807.0	\$ 87,281.0	\$ 230,060.6	\$ 31,167.8	\$ (73,552.4)	
Budget Reserve	(99,930.1)	—	—	—	—	—	—	(99,930.1)	
Net Property Taxes	245,664.0	—	7,334.0	51,073.6	—	—	—	304,071.6	
Personal Property Replacement Tax	15,000.0	—	—	—	—	—	—	15,000.0	
Working Cash Borrowings Adjustment	(4,564.0)	—	(134.0)	(773.6)	—	—	—	(5,471.6)	
Bond Sales (Present & Future)	—	721,198.3	—	—	—	—	—	721,198.3	
Grants (Federal & State)	—	11,267.3	—	—	—	—	—	11,267.3	
Investment Income	2,600.0	7,800.0	500.0	800.0	—	1,900.0	600.0	14,200.0	
State Revolving Fund Loans	—	120,000.0	—	—	—	—	—	120,000.0	
Property & Services	21,500.0	—	—	900.0	—	—	—	22,400.0	
User Charge	46,000.0	—	—	—	—	—	—	46,000.0	
TIF Differential Fee & Impact Fee	9,725.0	—	20.0	—	—	—	—	9,745.0	
Equity Transfer	4,200.0	(4,200.0)	—	(6,396.9)	—	6,396.9	—	—	
Resource Recovery	600.0	—	—	—	—	—	—	600.0	
Miscellaneous	4,771.0	2,000.0	—	—	—	—	—	6,771.0	
<b>TOTAL REVENUE</b>	<b>\$ 376,862.5</b>	<b>\$ 248,707.9</b>	<b>\$ 17,912.3</b>	<b>\$ 91,410.1</b>	<b>\$ 87,281.0</b>	<b>\$ 238,357.5</b>	<b>\$ 31,767.8</b>	<b>\$ 1,092,299.1</b>	
<b>EXPENDITURES</b>									
Board of Commissioners	\$ 5,266.7	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 5,266.7	
General Administration	19,717.9	—	—	—	—	—	—	19,717.9	
Monitoring & Research	31,253.4	—	—	—	—	—	—	31,253.4	
Procurement & Materials Mgmt.	9,786.1	—	—	—	—	—	—	9,786.1	
Human Resources	60,108.0	—	—	—	—	—	—	60,108.0	
Information Technology	18,432.3	—	—	—	—	—	—	18,432.3	
Law	7,168.7	—	—	—	—	—	—	7,168.7	
Finance	3,649.7	—	—	—	—	—	—	3,649.7	
Engineering	25,473.3	248,707.9	17,912.3	—	—	—	—	292,093.5	
Maintenance & Operations	196,006.4	—	—	—	—	—	—	196,006.4	
Stormwater Management Fund	—	—	—	91,410.1	—	—	—	91,410.1	
Retirement Fund	—	—	—	—	87,281.0	—	—	87,281.0	
Bond Redemption & Interest Fund	—	—	—	—	—	238,357.5	—	238,357.5	
Reserve Claim Fund	—	—	—	—	—	—	31,767.8	31,767.8	
<b>TOTAL EXPENDITURES</b>	<b>\$ 376,862.5</b>	<b>\$ 248,707.9</b>	<b>\$ 17,912.3</b>	<b>\$ 91,410.1</b>	<b>\$ 87,281.0</b>	<b>\$ 238,357.5</b>	<b>\$ 31,767.8</b>	<b>\$ 1,092,299.1</b>	

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

**ALL FUNDS**  
**SUMMARY OF REVENUE AND EXPENDITURES**  
**2018 ESTIMATED**  
(In Thousands)

	FUND								
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	TOTAL	
REVENUE									
Net Assets Appropriable	\$ 143,474.1	\$ (615,827.5)	\$ 15,526.9	\$ 35,706.1	\$ 89,604.0	\$ 248,287.6	\$ 30,591.2	\$ (52,637.6)	
Adjustment for Receipts	(3,319.3)	—	(461.8)	(369.2)	—	—	—	(4,150.3)	
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)	—	—	—	—	—	—	—	—	
Grants (Federal & State)	—	11,294.5	—	—	—	—	—	11,294.5	
Investment Income	2,594.0	5,266.0	341.0	595.0	—	2,226.0	458.1	11,480.1	
State Revolving Fund Loans	—	150,000.0	—	—	—	—	—	150,000.0	
Property & Services	22,003.0	—	—	—	—	—	—	22,003.0	
User Charge	46,000.0	—	—	—	—	—	—	46,000.0	
TIF Differential Fee & Impact Fee	10,725.0	—	10.0	—	—	—	—	10,735.0	
Equity Transfer	4,200.0	(4,200.0)	—	(5,770.6)	—	5,770.6	—	—	
Miscellaneous	5,695.0	2,000.0	—	4.9	—	20.0	—	7,719.9	
TOTAL REVENUE	\$ 478,671.8	\$ (451,467.0)	\$ 26,516.1	\$ 75,566.2	\$ 89,604.0	\$ 256,304.2	\$ 31,049.3	\$ 506,244.6	
EXPENDITURES									
Board of Commissioners	\$ 4,610.2	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,610.2	
General Administration	15,947.9	—	—	—	—	—	—	15,947.9	
Monitoring & Research	28,857.7	—	—	—	—	—	—	28,857.7	
Procurement & Materials Mgmt.	8,981.4	—	—	—	—	—	—	8,981.4	
Human Resources	56,030.1	—	—	—	—	—	—	56,030.1	
Information Technology	14,866.1	—	—	—	—	—	—	14,866.1	
Law	6,465.4	—	—	—	—	—	—	6,465.4	
Finance	3,494.5	—	—	—	—	—	—	3,494.5	
Engineering	26,101.4	157,890.7	16,323.8	—	—	—	—	200,315.9	
Maintenance & Operations	182,020.5	—	—	—	—	—	—	182,020.5	
Stormwater Management Fund	—	—	—	29,759.2	—	—	—	29,759.2	
Retirement Fund	—	—	—	—	89,604.0	—	—	89,604.0	
Bond Redemption & Interest Fund	—	—	—	—	—	256,304.2	—	256,304.2	
Reserve Claim Fund	—	—	—	—	—	—	5,600.0	5,600.0	
Equity Transfer	—	—	—	—	—	—	—	—	
TOTAL EXPENDITURES	\$ 347,375.2	\$ 157,890.7	\$ 16,323.8	\$ 29,759.2	\$ 89,604.0	\$ 256,304.2	\$ 5,600.0	\$ 902,857.1	

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

**CORPORATE FUND  
ESTIMATED BALANCE SHEET  
JANUARY 1, 2019 AND 2018**

		ASSETS			
		2019		2018	
		AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
<b>CURRENT ASSETS</b>					
Cash & Investments	\$	110,000,000	\$ 110,000,000	\$ 127,347,300	\$ 127,347,300
Taxes Receivable		232,049,497	232,815,081	216,107,953	216,737,459
Replacement Tax		15,849,500	15,849,500	18,164,000	18,164,000
<b>Total Current Assets</b>	<b>\$</b>	<b>357,898,997</b>	<b>\$ 358,664,581</b>	<b>\$ 361,619,253</b>	<b>\$ 362,248,759</b>
<b>LIABILITIES &amp; FUND EQUITY</b>					
<b>CURRENT LIABILITIES</b>					
Unpaid Bills:					
Accrued Salaries & Wages	\$	3,685,000	\$ 3,685,000	\$ 3,850,000	\$ 3,850,000
Personal Services - Other		2,700,000	2,700,000	1,022,559	1,022,559
Payroll Withholding & Miscellaneous		2,000,000	2,000,000	2,000,000	2,000,000
Contractual Services		28,983,016	28,983,016	28,000,000	28,000,000
Due to Corporate Working Cash Fund		190,000,000	190,000,000	190,000,000	190,000,000
<b>Total Current Liabilities</b>	<b>\$</b>	<b>227,368,016</b>	<b>\$ 227,368,016</b>	<b>\$ 224,872,559</b>	<b>\$ 224,872,559</b>
<b>Total Liabilities &amp; Designations</b>			<b>\$ 227,368,016</b>		<b>\$ 224,872,559</b>
<b>ASSETS APPROPRIABLE FOR 2019 &amp; 2018</b>					
Net Assets Appropriable			\$ 131,296,565		\$ 137,376,200
Budget Reserve			\$ (99,930,065)		\$ (103,261,000)
Net Assets Appropriated			\$ 31,366,500		\$ 34,115,200
Estimated Revenue			\$ 345,496,000		\$ 336,094,000
<b>Total Assets Appropriable</b>			<b>\$ 376,862,500</b>		<b>\$ 370,209,200</b>
<b>FUND EQUITY</b>					
Undesignated	\$	130,530,981		\$ 136,746,694	
<b>Total Fund Equity</b>	<b>\$</b>	<b>130,530,981</b>		<b>\$ 136,746,694</b>	
<b>Total Liabilities &amp; Fund Equity</b>	<b>\$</b>	<b>357,898,997</b>		<b>\$ 361,619,253</b>	

**CAPITAL IMPROVEMENTS BOND FUND**  
**ESTIMATED BALANCE SHEET**  
**JANUARY 1, 2019 AND 2018**

		ASSETS			
		2019		2018	
		AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
<b>CURRENT ASSETS</b>					
Cash & Investments		\$ 232,000,000	\$ 232,000,000	\$ 337,222,198	\$ 337,222,198
Grants Receivable		1,000,000	1,000,000	941,207	941,207
State Revolving Fund Loans Receivable		120,000,000	120,000,000	150,000,000	150,000,000
<b>Total Current Assets</b>		<b>\$ 353,000,000</b>	<b>\$ 353,000,000</b>	<b>\$ 488,163,405</b>	<b>\$ 488,163,405</b>
		<b>LIABILITIES &amp; FUND EQUITY</b>			
<b>CURRENT LIABILITIES</b>					
Unpaid Bills:					
Contractual Services		\$ 74,000,000	\$ 74,000,000	\$ 73,937,199	\$ 73,937,199
Contracts Payable		888,357,685	888,357,685	1,040,318,906	1,040,318,906
<b>Total Current Liabilities</b>		<b>\$ 962,357,685</b>	<b>\$ 962,357,685</b>	<b>\$ 1,114,256,105</b>	<b>\$ 1,114,256,105</b>
Designated for Future Claims Liabilities		—	—	—	—
<b>Total Liabilities</b>		<b>\$ 962,357,685</b>	<b>\$ 962,357,685</b>	<b>\$ 1,114,256,105</b>	<b>\$ 1,114,256,105</b>
<b>ASSETS APPROPRIABLE</b>					
Net Assets Appropriable			\$ (609,357,685)		\$ (626,092,700)
Net Assets Appropriated			(609,357,685)		(626,092,700)
Estimated Revenue			858,065,585		939,075,600
<b>Total Assets Appropriable</b>			<b>\$ 248,707,900</b>		<b>\$ 312,982,900</b>
<b>FUND EQUITY</b>		\$ (609,357,685)		\$ (626,092,700)	
<b>Total Liabilities &amp; Fund Equity</b>		<b>\$ 353,000,000</b>		<b>\$ 488,163,405</b>	

**CAPITAL IMPROVEMENTS BOND FUND**  
**APPROPRIABLE REVENUE**  
**2019 - 2016**

REVENUE DESCRIPTION	ESTIMATED		ACTUAL		
	2019 BUDGET	2018 ADJUSTED	2018 BUDGET	2017	2016
Revenue from Money & Property					
Bond Sales (Present & Future)	\$ 721,198,285	\$ —	\$ 776,281,100	\$ —	\$ 125,003,513
Investment Income	7,800,000	5,266,000	3,700,000	3,938,820	2,395,116
<b>Subtotal</b>	<b>\$ 728,998,285</b>	<b>\$ 5,266,000</b>	<b>\$ 779,981,100</b>	<b>\$ 3,938,820</b>	<b>\$ 127,398,629</b>
Revenue from Miscellaneous Sources					
Federal & State Grants	\$ 11,267,300	\$ 11,294,500	\$ 11,294,500	\$ 16,137,198	\$ 11,233,702
State Revolving Fund Loans	120,000,000	150,000,000	150,000,000	168,986,700	173,739,000
Miscellaneous	2,000,000	2,000,000	2,000,000	2,179,586	2,468,262
<b>Subtotal</b>	<b>\$ 133,267,300</b>	<b>\$ 163,294,500</b>	<b>\$ 163,294,500</b>	<b>\$ 187,303,484</b>	<b>\$ 187,440,964</b>
<b>Total Revenue</b>	<b>\$ 862,265,585</b>	<b>\$ 168,560,500</b>	<b>\$ 943,275,600</b>	<b>\$ 191,242,304</b>	<b>\$ 314,839,593</b>
Other Financing Sources (Uses)					
Equity Transfer	\$ (4,200,000)	\$ (4,200,000)	\$ (4,200,000)	\$ (13,000,000)	\$ —
<b>GRAND TOTAL</b>	<b>\$ 858,065,585</b>	<b>\$ 164,360,500</b>	<b>\$ 939,075,600</b>	<b>\$ 178,242,304</b>	<b>\$ 314,839,593</b>

**CONSTRUCTION FUND**  
**ESTIMATED BALANCE SHEET**  
**JANUARY 1, 2019 AND 2018**

		ASSETS			
		2019		2018	
		AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
<b>CURRENT ASSETS</b>					
Cash & Investments		\$ 13,558,000	\$ 13,558,000	\$ 13,926,461	\$ 13,926,461
Taxes Receivable		11,290,500	11,322,000	16,405,000	16,454,139
Replacement Tax		—	—		
<b>Total Current Assets</b>		<b>\$ 24,848,500</b>	<b>\$ 24,880,000</b>	<b>\$ 30,331,461</b>	<b>\$ 30,380,600</b>
		LIABILITIES & FUND EQUITY			
<b>CURRENT LIABILITIES</b>					
Unpaid Bills:					
Contracts Payable		\$ 2,337,700	\$ 2,337,700	\$ 2,340,000	\$ 2,340,000
Contractual Services		350,000	350,000	1,300,000	1,300,000
Machinery & Equipment		—	—	—	—
Due to:					
Construction Working Cash Fund		12,000,000	12,000,000	12,000,000	12,000,000
<b>Total Current Liabilities</b>		<b>\$ 14,687,700</b>	<b>\$ 14,687,700</b>	<b>\$ 15,640,000</b>	<b>\$ 15,640,000</b>
<b>Total Current Liabilities and Designations</b>			<b>\$ 14,687,700</b>		<b>\$ 15,640,000</b>
<b>ASSETS APPROPRIABLE FOR 2019 AND 2018</b>					
Net Assets Appropriable			\$ 10,192,300		\$ 14,740,600
Net Assets Appropriated			\$ 10,192,300		\$ 14,740,600
Estimated Revenue			7,720,000		11,340,000
<b>Total Assets Appropriable</b>			<b>\$ 17,912,300</b>		<b>\$ 26,080,600</b>
<b>FUND EQUITY</b>					
Designated for Future Claims Liabilities		—		—	
Undesignated		\$ 10,160,800		\$ 14,691,461	
<b>Total Fund Equity</b>		<b>\$ 10,160,800</b>		<b>\$ 14,691,461</b>	
<b>Total Liabilities &amp; Fund Equity</b>		<b>\$ 24,848,500</b>		<b>\$ 30,331,461</b>	

Fund: Corporate Dept: Monitoring & Research		POSITION ANALYSIS				
		2017	2018		2019	
					RECOMMENDED BY COMMITTEE ON BUDGET / EMPLOYMENT	
PAY PLAN & GRADE	CLASS TITLE	ACTUAL FTEs	BUDGETED FTEs	APPROPRIATION IN DOLLARS	BUDGETED FTEs	APPROPRIATION IN DOLLARS
HP17	Senior Environmental Microbiologist	1	1		1	
HP16	Associate Environmental Microbiologist #2 (Environmental Microbiologist) (New Grade HP15)	1	1		1	
HP15	Environmental Microbiologist	1	1		1	
HP14	Assistant Environmental Microbiologist #1	1	—		—	
HP13	Senior Laboratory Technician	1	1		1	
HP11	Administrative Specialist	1	—		—	
HP11	Laboratory Technician II	5	7		8	
HP11	Laboratory Technician II #4	2	1		—	
HP09	Laboratory Assistant	2	2		2	
TOTAL	Analytical Microbiology & Biomonitoring Section	16	15	1,187,727.68	15	1,198,504.59
<b>126</b>	<b>Aquatic Ecology &amp; Water Quality Section</b>					
HP18	Principal Environmental Scientist	—	1		1	
HP18	Supervising Aquatic Biologist	1	—		—	
HP17	Senior Aquatic Biologist	1	1		1	
HP16	Associate Aquatic Biologist #2 (Aquatic Biologist) (New Grade HP15)	2	2		2	
HP15	Aquatic Biologist	—	1		1	
HP14	Assistant Aquatic Biologist #1	1	1		—	
HP13	Senior Environmental Research Technician	1	1		1	
HP11	Environmental Research Technician	1	5		5	
HP11	Laboratory Technician II	2	—		—	
HP11	Laboratory Technician II #2 (Environmental Research Technician)	2	—		—	
NR6441	Patrol Boat Operator	2	2		2	
NR3642	Pollution Control Technician II	2	2		2	
NR3641	Pollution Control Technician I	4	4		4	
TOTAL	Aquatic Ecology & Water Quality Section	19	20	1,638,512.80	19	1,585,566.86
<b>129</b>	<b>Process Facilities Capital Planning Section</b>					
HP18	Principal Civil Engineer	1	1		1	
HP17	Senior Civil Engineer	2	2		2	



## Construction Fund Program

### Projects Under Construction

Project Name	Project Number	Est. Construction Cost	MWRD 2019 Appropriation	Duration (days)	Award / Est. Award Date
Television Inspection and Recording of Sewers and Manholes, District-wide	13-806-2S	\$ 1,944	\$ 921	1,080	Oct 2017
Furnish and Deliver Screens, Conveyors, and Grit Classifier, Various Locations	18-608-21	300	300	303	May 2018
Rehabilitation of Blower No. 9, CWRP	18-803-21	169	38	593	May 2018
Furnish, Deliver, and Install Fire Detection Systems, Various Locations	18-604-21	535	209	572	Jun 2018
Furnish and Deliver Station Battery Equipment, Various Locations	18-605-21	225	225	224	Jun 2018
Pavement Rehabilitation, Various Locations	18-614-21	881	500	578	Jun 2018
Furnish and Deliver Reconditioned Circuit Breakers, SSA	18-914-21	164	100	558	Jun 2018
Furnish and Deliver Sludge Pumps, SWRP	18-917-21	215	215	238	Jun 2018
Elevator Rehabilitation, MOB	J15090-054	529	411	375	Jun 2018
Furnish and Deliver HVAC Coils, CWRP	18-613-21	132	132	236	Sep 2018
Recondition Pump Motors No. 1 and No. 2, KWRP	18-704-21	280	200	481	Sep 2018
Furnish, Deliver, and Install Influent Gate Actuators, OWRP	18-708-21	293	293	180	Sep 2018
HVAC Improvements, Various Locations	18-611-21	1,851	975	540	Oct 2018
Rehabilitate Raw Sewage Pump Rotating Assemblies, Various Locations	18-610-21	825	595	731	Nov 2018
Furnish, Deliver, and Install Underground Steam and Utility Piping, CWRP	18-805-21	93	93	180	Nov 2018
Rehabilitation of Overhead Bridge Crane, SSA	18-906-21	240	125	390	Dec 2018
Railroad Track Improvements, SSA	18-913-21	1,565	825	486	Dec 2018
Sludge Pump Replacements, SWRP	18-916-21	825	725	395	Dec 2018
Total Projects Under Construction		\$ 11,066	\$ 6,882		

**Awards in 2019**

Project Name	Project Number	Est. Construction Cost	MWRD 2019 Appropriation	Duration (days)	Award / Est. Award Date
Furnish, Deliver, and Install Three Bar Screens, KWRP	18-706-21	\$ 1,350	\$ 900	713	Jan 2019
Programmable Logic Controller Human Machine Interface Migration, CSA	19-805-21	563	563	350	Jan 2019
Rehabilitate One Electric Motor, SWRP	19-925-21	300	300	242	Jan 2019
Avaya Telecom Project, Final Phase, District-wide	MWD0000013IT	150	150	364	Jan 2019
Microvi Pilot, OWRP	18-180-21	400	400	699	Feb 2019
Furnish, Deliver, and Install Grit Screw Conveyor, CWRP	18-802-21	300	300	180	Feb 2019
Furnish, Deliver, and Install Deep Anode Ground Bed System, CWRP	19-804-21	495	495	333	Feb 2019
Remove and Replace Two Carrier Chillers, MOBA	MWD2010002GA	1,000	1,000	89	Feb 2019
Rehabilitate Gloria Alitto Majewski Reservoir, KWRP	16-708-21	750	750	305	Mar 2019
Furnish and Deliver Excitation Control Equipment, NBPS and RAPS	19-603-21	480	480	305	Mar 2019
Furnish and Deliver Paddle Aerator, LASMA	19-610-21	560	560	213	Mar 2019
Replace Final Tank Channel Covers, OWRP	19-705-21	45	45	305	Mar 2019
Rebuild Gate Houses and Sludge Concentration Building, OWRP	19-707-21	155	155	305	Mar 2019
Furnish and Deliver Lathe, OWRP	19-716-21	170	170	305	Mar 2019
Furnish and Deliver Automated Online Water Quality Monitoring System, OWRP	19-721-21	97	97	153	Mar 2019
Discharge Valve Rehabilitation, Main Sewage Pump No. 5, SWRP	19-905-21	800	400	671	Mar 2019
Construct Plenum Fan Array, MOBA	MWD2010001GA	310	310	152	Mar 2019
Replace HVAC Coils, Various Locations	19-608-21	225	225	274	Apr 2019
Roof Restoration, Lockport Powerhouse	19-612-21	240	240	91	May 2019
HVAC System Replacements, Various Locations	19-613-21	1,168	453	610	May 2019
Furnish, Deliver, and Install Crane Braking System, MSPS	19-904-21	140	140	244	May 2019
Furnish and Deliver Four Lagoon Pumps, CALSMA and LASMA	19-611-21	180	180	183	Jul 2019
Collateral Channel Riverbed Restoration, SSA	18-145-2S	1,200	300	366	Aug 2019
Total 2019 Awards		\$ 11,078	\$ 8,613		
Cumulative Projects Under Construction and 2019 Awards		\$ 22,144	\$ 15,495		

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

## Capital Improvements Bond Fund Program

<b>Awards in 2019</b>					
Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date	
Drop Shaft 5 Inspection and Rehabilitation, NSA	14-372-3S	\$ 3,500	212	Jan 2019	
Furnish, Deliver, and Install Disc Filters, EWRP	18-702-31	4,000	730	Jan 2019	
Energy Efficiency Improvements, SWRP	19-901-31	5,820	364	Jan 2019	
Replacement of Tailrace Stop Logs, Headrace Gates, and Equipment at Lockport Powerhouse, SSA	15-830-3D	10,120	943	Feb 2019	
Phosphorus Removal Struvite Facilities at the Fox River Water Reclamation District	18-IGA-35	2,493	659	Feb 2019	
Digester Rehabilitation and Gas Piping Replacement, SWRP	17-140-3P	15,000	704	Mar 2019	
North Side Sludge Pipeline Replacement - Section 1, NSA	07-027-3S	14,327	922	Apr 2019	
<b>Odor Control Systems at Two TARP Shafts and Decommissioning the Thornton Transitional Reservoir, CSA</b>	15-266-4H	5,000	452	Apr 2019	
Rehabilitation of Gravity Concentration Tank, CWRP	18-803-31	1,650	487	Apr 2019	
Phosphorus Removal Liquid Facilities at the Fox River Water Reclamation District	18-IGA-36	9,340	921	Apr 2019	
Modifications to TARP Structures, CSA and SSA	17-842-3H	3,500	317	May 2019	
Digester Sludge Heating System Upgrades and Boiler Removal, CWRP	18-277-3M	10,500	493	Jun 2019	
Rehabilitation of Steel Spandrel Beams of Pump and Blower House, OWRP	15-069-3D	10,000	903	Jul 2019	
Rehabilitation of Elevator Shafts, MSPS	18-142-3H	1,500	412	Oct 2019	
Rehabilitation of TARP Pumps, MSPS	18-144-3M	16,500	672	Oct 2019	
Furnish, Deliver, and Install Disc Filters for Filters 3 and 4, HPWRP	19-701-31	1,400	517	Oct 2019	
Roof Replacement of the Lue-Hing M&R Complex, SWRP	17-135-3V	6,500	493	Nov 2019	
Rehabilitation of Locomotive Terminal Building, SWRP	18-143-3D	2,750	532	Nov 2019	
Sidestream Enhanced Biological Phosphorus Removal Pilot Study, CWRP	18-248-3P	1,000	252	Nov 2019	
Upper Des Plaines Intercepting Sewer 14B Rehabilitation, NSA	06-360-3S	6,700	313	Dec 2019	
North Shore 1 Rehabilitation, NSA	10-047-3S	22,750	602	Dec 2019	
Stickney Effluent Reuse Line, SSA	14-107-3S	800	193	Dec 2019	
Total 2019 Awards		\$ 155,150			

## Projects Under Development

Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date
A/B and C/D Service Tunnel Rehabilitation - Phase III, SWRP	16-127-3D	\$ 17,000	1,047	Jan 2020
Battery B Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-128-3D	2,000	381	Jan 2020
Utility Tunnel Cracks and Expansion Joints Rehabilitation, OWRP, KWRP, EWRP, HPWRP	17-843-3D	3,000	334	Mar 2020
BioP Pilot Study, EWRP	18-414-3P	500	364	Mar 2020
39th Street Conduit Rehabilitation - Phase II, SSA	01-103-AS	24,700	690	Apr 2020
Battery D Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-130-3D	2,000	472	May 2020
Upper Des Plaines Intercepting Sewer 11D, Ext. C Rehabilitation, NSA	11-404-3S	5,500	402	Jun 2020
Upper Des Plaines Intercepting Sewer 11D Rehabilitation, NSA	12-369-3S	5,500	402	Jul 2020
Battery A Final Settling Tanks, Rehabilitation of Concrete, SWRP	08-174-3D	2,000	450	Aug 2020
Gate Control Equipment Upgrade at TARP Control Structures, KWRP	06-358-3M	2,200	552	Nov 2020
Battery C Final Settling Tanks, Rehabilitation of Concrete, SWRP	16-129-3D	2,000	472	Nov 2020
Digester Rehabilitation and Gas Piping Replacement, CWRP	18-253-3P	15,000	772	Nov 2020
Digester Gas Utilization Facilities, SWRP	11-189-3P	17,000	683	Jan 2021
Post-Digestion Dewatering System, CWRP	17-275-3P	15,000	492	Jan 2021
Palos Hills Pumping Station Force Main, CSA	11-242-3S	6,700	572	Feb 2021
Deammonification System, SWRP	13-101-3P	30,000	503	May 2021
<b>McCook Reservoir Expanded Stage 2 Rock Wall Stabilization, SWRP</b>	17-131-4F	5,000	1,230	Jan 2022
Phosphorus Recovery System, CWRP	12-245-3P	31,000	853	Aug 2022
<b>McCook Reservoir Expanded Stage 2 Aeration and Floor Features, SSA</b>	17-132-4F	2,000	317	Jan 2026
Total Future Awards		\$ 188,100		
Cumulative 2019 and Future Awards		\$ 343,250		

\*This project is funded by the Capital Improvements Bond Fund and the Stormwater Management Fund.

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	\$ 16,500	\$ 5,000	\$ 21,500
Water Reclamation Plant	39,200	48,503	87,703
Expansion and Improvements	—	—	—
Solids Management	84,827	25,120	109,947
Collection Facilities	32,200	91,900	124,100
Replacement of Facilities	—	—	—
Other	—	—	—
	\$ 172,727	\$ 170,523	\$ 343,250

### Projects Under Construction

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

Project Name	Project Number	Est. Construction Cost	Award Date	Est. Substantial Completion Date
<b>Thornton Composite Reservoir Mining, Land, and Corp Costs, CSA</b>	77-235-2F	\$ 52,806	Jun 1998	Oct 2020
<b>McCook Reservoir Stages 1 &amp; 2, SSA</b>	73-161-2H	137,500	May 1999	Oct 2023
D799 Switchgear Replacement, SWRP	09-182-3E	12,771	Dec 2015	Mar 2020
A/B & C/D Service Tunnel and Connecting Tunnel Rehabilitation - Phase II, SWRP	04-132-3D	20,906	May 2016	May 2019
<b>McCook Reservoir Des Plaines Inflow Tunnel</b>	13-106-4F	107,831	Jun 2016	May 2020
Painting of Final Tanks, Various Locations	17-601-31	1,582	Jul 2017	Dec 2019
Conversion of Two Gravity Concentration Tanks to Primary Sludge Fermenters, SWRP	15-124-3P	4,095	Sep 2017	Jun 2019
Furnish, Deliver, and Install Boiler Controls, SWRP	16-901-31	1,224	Sep 2017	Mar 2019
Installation of Baffle Plates in Final Settling Tanks, OWRP	15-074-3D	1,405	Nov 2017	Aug 2019
Installation of Shaftless Screw Conveyors for Aerated Grit Tanks, SWRP	17-902-31	2,595	Dec 2017	Jan 2021
Heavy Equipment Storage Building Site Improvements, Bulk Material Storage Building, CWRP and OWRP	17-845-3P	1,962	Apr 2018	Mar 2019
Emerson Ovation Distributed Control System, NSA	18-704-31	1,802	May 2018	Nov 2019
Rehabilitation of North Branch Pumping Station, NSA	16-079-3D	4,613	Aug 2018	Nov 2019
Summit Conduit Rehabilitation, SSA	16-126-3SR	2,900	Aug 2018	Jul 2019
Switchgear & Motor Control Center Replacement, OWRP	17-080-3E	3,577	Sep 2018	Jul 2020
Installation and Removal of Cofferdam at Sluice Gate No. 2, Lockport Powerhouse Controlling Works, SSA	18-607-31	350	Sep 2018	Aug 2019
Structural Repairs and Roofing Replacement at 95th Street Pumping Station, CSA	17-276-3D	5,000	Nov 2018	Sep 2020
Furnish, Deliver, and Install Telemetry Replacement for SCADA Control, Various Locations	17-606-31	545	Nov 2018	Oct 2019
Pump Rehabilitation and Diverter Gate Installation, EWRP	16-412-3M	550	Dec 2018	Nov 2019
Odor Control Facilities at WASSTRIP®, Southwest Coarse Screen and Overhead Weir, and Post-Centrifuge Building, SWRP	17-134-3M	15,000	Dec 2018	Jul 2020
Furnish, Deliver and Install Odor Control System, KWRP, HPWRP, and CWRP	17-844-3P	4,347	Dec 2018	Apr 2020
Total Projects Under Construction		\$ 383,361		

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."**

**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO  
CHANGES TO THE EXECUTIVE DIRECTOR'S 2019 BUDGET RECOMMENDATIONS**

Department Page Number:  
1 of 1

Fund: 101      Department Number: 15000

Department Name: General Administration

**THE FOLLOWING CHANGES ARE RECOMMENDED:**

<i>Budget 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>
134	612680	Repairs to Buildings		\$41,300		\$566,300		\$525,000	Increase is due to the reclassification of the paint and carpet replacement project in the Main Office Building (\$425,000) and common area projects in the Main Office Building Annex (\$100,000) to the Repairs to Buildings commitment item from the Buildings commitment item.
135	645680	Buildings		\$525,000		\$0		(\$525,000)	Decrease is due to the reclassification of the paint and carpet replacement project in the Main Office Building (\$425,000) and common area projects in the Main Office Building Annex (\$100,000) from the Buildings commitment item to the Repairs to Buildings commitment item.

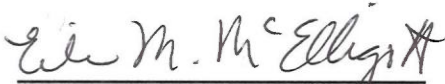
**GENERAL ADMINISTRATION BUDGET TOTAL:**

\$19,717,900

\$19,717,900

\$0

October 2018 (BF-19)

  
Department Head (Recommended)

  
Budget Officer (Reviewed)

  
Acting Executive Director (Approved)

10/24/18  
Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO  
CHANGES TO THE EXECUTIVE DIRECTOR'S 2019 BUDGET RECOMMENDATIONS**

**Department Page Number:**  
**1 of 1**

**Fund: 101      Department Number: 16000**

**Department Name: Monitoring & Research**

**THE FOLLOWING CHANGES ARE RECOMMENDED:**

<i>Budget</i>		<i>Position Title or Line Item Name</i>	<i>No.</i>	<i>FROM</i>		<i>TO</i>		<i>Plus/(Minus)</i>		<i>Explanation</i>
<i>Page</i>	<i>Code</i>			<i>\$ Amount</i>	<i>No.</i>	<i>\$ Amount</i>	<i>No.</i>	<i>\$ Amount</i>	<i>\$ Amount</i>	
160	124	Laboratory Technician II #4 (HP11)	1		0		(1)			A crosshatch #4 was implemented on one position in Section 124.
160	124	Laboratory Technician II (HP11)	7		8		1			A crosshatch #4 was implemented on one position in Section 124.

**MONITORING & RESEARCH BUDGET TOTAL:**      \$31,253,400      \$31,253,400      \$0

October 2018 (BF-19)

   
 Department Head (Recommended)      Budget Officer (Reviewed)

  
 Acting Executive Director (Approved)

10/24/18  
 Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO  
CHANGES TO THE EXECUTIVE DIRECTOR'S 2019 BUDGET RECOMMENDATIONS**

Department Page Number:

1 of 1

Fund: 101 Department Number: 27000

Department Name: Information Technology

**THE FOLLOWING CHANGES ARE RECOMMENDED:**

Budget		Position Title or Line Item Name	FROM		TO		Plus/(Minus)		Explanation
Page	Code		No.	\$ Amount	No.	\$ Amount	No.	\$ Amount	
205	612430	Payments for Professional Services		\$915,200		\$940,200		\$25,000	Increase is due to the expansion of the Wdesk project to include the solution for Internal Audit Management.
205	612820	Computer Software Maintenance		\$4,303,700		\$4,333,700		\$30,000	Increase is due to a new request for travel solution software.
205	634820	Computer Software		\$182,000		\$207,000		\$25,000	Increase is due to the expansion of the Learning Management Platform project to include Performance Management software.

**INFORMATION TECHNOLOGY BUDGET TOTAL:**

\$18,352,300

\$18,432,300

\$80,000

October 2018 (BF-19)

  
Department Head (Recommended)

  
Budget Officer (Reviewed)

  
Acting Executive Director (Approved)

10/24/18  
Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO  
CHANGES TO THE EXECUTIVE DIRECTOR'S 2019 BUDGET RECOMMENDATIONS**

Department Page Number:

1 of 1

Fund: 101

Department Number: 40000

Department Name: Finance

**THE FOLLOWING CHANGES ARE RECOMMENDED:**

<i>Budget 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>
234	612430	Payments for Professional Services		\$282,800		\$257,800		(\$25,000)	Decrease is due to the inclusion of the Wdesk solution for the Internal Audit Management in the Information Technology Department's budget.

FINANCE BUDGET TOTAL:

\$3,674,700\$3,649,700(\$25,000)

October 2018 (BF-19)

  
Department Head (Recommended)

  
Budget Officer (Reviewed)

  
Acting Executive Director (Approved)

10/24/18  
Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO  
CHANGES TO THE EXECUTIVE DIRECTOR'S 2019 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 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>
260	612170	Water and Water Services		\$210,100		\$206,100		(\$4,000)	Decrease is due to the resolution of a water leak at the Harlem Avenue Solids Management Area and the cancellation of bottled water service.
260	612520	Waste Material Disposal Charges		\$9,413,000		\$9,310,000		(\$103,000)	Decrease is due to the revised estimate for contracted heavy equipment services at drying sites.
260	612590	Sludge Disposal		\$6,193,300		\$4,100,000		(\$2,093,300)	Decrease is due to the revised production estimate for the Pelletizer Facility.
260	612780	Safety Repairs and Services		\$16,500		\$14,400		(\$2,100)	Decrease is due to the reduced estimate for the collection of recyclable materials.
261	623090	Plumbing Accessories and Supplies		\$11,000		\$15,000		\$4,000	Increase is due to the procurement of four bottle filling stations to replace bottled water service.
261	623680	Tools and Supplies		\$15,300		\$18,300		\$3,000	Increase is to provide tools and supplies for the Operations Challenge Team.
261	623700	Wearing Apparel		\$2,000		\$3,500		\$1,500	Increase is to provide uniforms for the Operations Challenge Team.
--	634760	Material Handling and Farming Equipment		\$0		\$50,000		\$50,000	Increase is to procure an on-site compost bagging machine to further enhance the Resource Recovery Program.
261	634810	Computer Equipment		\$110,000		\$0		(\$110,000)	Decrease is due to the inclusion of the Emerson Distributed Control Unit in the Capital Improvements Bond Fund budget under 17-606-31, Furnish, Deliver, and Install Telemetry Replacement, Various Locations.

**M&O - GENERAL DIVISION BUDGET TOTAL:**

\$33,888,000

\$31,634,100

(\$2,253,900)

October 2018 (BF-19)



Acting Department Head (Recommended)



Budget Officer (Reviewed)



Acting Executive Director (Approved)

10/24/18

Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO  
CHANGES TO THE EXECUTIVE DIRECTOR'S 2019 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 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>
276	612530	Farming Services		\$154,700		\$34,700		(\$120,000)	Decrease is due to the revised scope for the Fischer Farm Horticultural Center which will require limited operational services.
276	623070	Electrical Parts and Supplies		\$1,151,900		\$1,251,900		\$100,000	Increase is to procure Trojan lamp cables and associated parts to complete ultraviolet disinfection facility repairs at the O'Brien WRP.
277	634650	Equipment for Process Facilities		\$87,700		\$107,700		\$20,000	Increase is to procure a new bisulfite tank for the Hanover Park WRP.

M&O - NORTH SERVICE AREA BUDGET TOTAL:

\$43,382,000

\$43,382,000

\$0

October 2018 (BF-19)

  
Acting Department Head (Recommended)

  
Budget Officer (Reviewed)

  
Acting Executive Director (Approved)

10/24/18  
Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO  
CHANGES TO THE EXECUTIVE DIRECTOR'S 2019 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 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>
291	623070	Electrical Parts and Supplies		\$427,800		\$424,800		(\$3,000)	Decrease is due to the assignment of a number of items on the HACH Outline Agreement to the Laboratory Testing Supplies and Small Equipment commitment item.
292	623570	Laboratory Testing Supplies, Small Equipment, and Chemicals		\$0		\$3,000		\$3,000	Increase is due to the assignment of a number of items on the HACH Outline Agreement to the Laboratory Testing Supplies and Small Equipment commitment item. Items purchased in this commitment item include water quality monitoring equipment, well samplers, analyzers, etc.

M&O - CALUMET SERVICE AREA BUDGET TOTAL:

\$36,634,900

\$36,634,900

\$0

October 2018 (BF-19)

  
Acting Department Head (Recommended)

  
Budget Officer (Reviewed)

  
Acting Executive Director (Approved)

10/24/18  
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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO  
CHANGES TO THE EXECUTIVE DIRECTOR'S 2019 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:**

<i>Budget 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>
304	612150	Electrical Energy		\$18,674,900		\$20,926,700		\$2,251,800	Increase is due to the revised energy requirements for the Stickney WRP's blowers, the Mainstream Pumping Station, and TARP facilities.
304	612780	Safety Repairs and Services		\$213,000		\$215,100		\$2,100	Increase is due to a higher sole bid on 18-628-11, Maintain Fire Suppression Systems, Various Locations.

M&O - STICKNEY SERVICE AREA BUDGET TOTAL:      \$82,101,500      \$84,355,400      \$2,253,900

October 2018 (BF-19)

**MAINTENANCE & OPERATIONS**

BUDGET TOTAL:      \$196,006,400      \$196,006,400      \$0

  
Acting Department Head (Recommended)

  
Budget Officer (Reviewed)

  
Acting Executive Director (Approved)

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Date

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**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO  
CHANGES TO THE EXECUTIVE DIRECTOR'S 2019 BUDGET RECOMMENDATIONS**

Department Page Number:  
1 of 1

Fund: 201      Department Number: 50000

Fund Name: Construction

**THE FOLLOWING CHANGES ARE RECOMMENDED:**

<i>Budget 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>
385	612430	Payments for Professional Services		\$1,357,400		\$1,194,400		(\$163,000)	Decrease is due to the revised estimate for University Master Agreements.
385	612440	Preliminary Engineering Reports and Studies		\$50,000		\$213,000		\$163,000	Increase is due to the carryover of 18-147-2C, Engineering Analysis of Air Blowers #4-7, SWRP.
385	634650	Equipment for Process Facilities		\$1,564,000		\$1,514,000		(\$50,000)	Decrease is due to the favorable award of 18-605-21, Furnish and Deliver Station Battery Equipment, Various Locations.
385	645700	Preservation of Collection Facility Structures		\$2,505,000		\$2,805,000		\$300,000	Increase is due to the addition of 19-925-21, Rehabilitation of Motor Windings on Main Sewage Pump #3, SWRP.
385	645780	Preservation of Buildings		\$1,048,000		\$1,108,000		\$60,000	Increase is due to the expanded scope of work for 19-613-21, HVAC System Replacements, Various Locations.

CONSTRUCTION FUND BUDGET TOTAL:

\$17,602,300

\$17,912,300

\$310,000

October 2018 (BF-19)



Department Head (Recommended)



Budget Officer (Reviewed)



Acting Executive Director (Approved)

10/24/18

Date

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Acting Department Head (Recommended)

**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO  
CHANGES TO THE EXECUTIVE DIRECTOR'S 2019 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 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>
459	645650	Process Facilities Structures		\$11,450,000		\$13,100,000		\$1,650,000	Increase is due to the deferred award of 18-803-31, Gravity Concentration Tank Rehabilitation, CWRP, which is adjacent to the Sludge Concentration Building.
459	645720	Preservation of Waterway Facility Structures		\$2,927,800		\$13,553,800		\$10,626,000	Increase is due to the expected award of 15-830-3D, Replacement of Tailrace Stop Logs, Headrace Gates, and Equipment at Lockport Powerhouse, SSA.

CAPITAL IMPROVEMENTS BOND FUND TOTAL:

\$236,431,900\$248,707,900\$12,276,000

October 2018 (BF-19)



Department Head (Recommended)



Budget Officer (Reviewed)



Acting Executive Director (Approved)

10/24/18

Date

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Acting Department Head (Recommended)