

COMPARATIVE STATEMENT OF APPROPRIATIONS AND TAX LEVIES

2019-2017 ALL FUNDS

APPROPRIATIONS	2019 **	2018 AS PASSED	2018 AS ADJUSTED *	2017 ACTUAL
FUND				
Corporate Fund	\$ 376,862,500	\$ 370,209,200	\$ 370,209,200	\$ 368,925,800
Construction Fund	18,340,300	26,080,600	26,080,600	34,450,400
Capital Improvements Bond Fund ***	378,173,800	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
TOTAL	\$ 1,222,193,041	\$ 1,151,051,387	\$ 1,151,051,387	\$ 1,142,749,813
LEVIES				
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	3,389,171
2016 Alternate Revenue Unlimited Tax Series E ****	2,590,674	2,590,674	2,590,674	2,590,674
Alternate Revenue Abatement ****	—	—	—	(5,979,845)
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	99,555,205	85,458,595	86,525,865	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	\$ 248,618,309	\$ 243,791,597	\$ 244,858,866	\$ 232,751,026
TOTAL	\$ 642,783,809	\$ 621,317,594	\$ 622,384,863	\$ 594,769,900
Abatement after the budget year ****	(6,185,100)	(6,152,228)	(6,152,228)	
Total (after planned abatement)	\$ 636,598,709	\$ 615,165,366	\$ 616,232,635	

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	0.23
2016 Alternate Revenue Unlimited Tax Series E ***		0.17	0.17	0.17	0.18
Alternate Revenue Abatement ***		—	—	—	(0.41)
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		6.34	5.72	5.68	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		15.86¢	16.30¢	16.06¢	15.73¢
TOTAL		40.97¢	41.58¢	40.83¢	40.20¢

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
Board of Commissioners	\$ 5,266,700	\$ 5,145,200	\$ 121,500	2.4
General Administration	19,790,500	16,725,400	3,065,100	18.3
Monitoring & Research	31,253,400	31,888,700	(635,300)	(2.0)
Procurement & Materials Management	9,786,100	9,466,700	319,400	3.4
Human Resources	60,108,000	59,226,400	881,600	1.5
Information Technology	18,432,300	17,052,500	1,379,800	8.1
Law	7,069,400	7,502,800	(433,400)	(5.8)
Finance	3,676,400	3,743,900	(67,500)	(1.8)
Maintenance & Operations:				
General Division	31,641,000	26,155,200	5,485,800	21.0
North Service Area	43,382,000	42,258,700	1,123,300	2.7
Calumet Service Area	36,634,900	36,295,300	339,600	0.9
Stickney Service Area	84,348,500	86,426,300	(2,077,800)	(2.4)
TOTAL Maintenance & Operations	\$ 196,006,400	\$ 191,135,500	\$ 4,870,900	2.5
Engineering	25,473,300	28,322,100	(2,848,800)	(10.1)
TOTAL Corporate Fund	\$ 376,862,500	\$ 370,209,200	\$ 6,653,300	1.8
Construction Fund	18,340,300	26,080,600	(7,740,300)	(29.7)
Capital Improvements Bond Fund	378,173,800	312,982,900	65,190,900	20.8
TOTAL Capital Budget	\$ 396,514,100	\$ 339,063,500	\$ 57,450,600	16.9
Stormwater Management Fund	91,410,100	65,581,000	25,829,100	39.4
Bond Redemption & Interest Fund	238,357,541	256,304,187	(17,946,646)	(7.0)
Retirement Fund	87,281,000	89,604,000	(2,323,000)	(2.6)
Reserve Claim Fund	31,767,800	30,289,500	1,478,300	4.9
GRAND TOTAL	<u>\$1,222,193,041</u>	<u>\$1,151,051,387</u>	<u>\$ 71,141,654</u>	6.2

**PERSONNEL SUMMARY COMPARISON
2019 - 2017 ALL FUNDS**

ORGANIZATION OR FUND	Proposed FTEs 2019	Budgeted FTEs 2018	Actual FTEs 2017	Increase (Decrease) 2019-2018	
				FTEs	Percent
Board of Commissioners	38	38	37	—	—
General Administration	119	121	122	(2)	(1.7)
Monitoring & Research	300	312	305	(12)	(3.8)
Procurement & Materials Management	63	63	60	—	—
Human Resources	93	91	71	2	2.2
Information Technology	71	73	68	(2)	(2.7)
Law	39	37	36	2	5.4
Finance	27	28	28	(1)	(3.6)
Maintenance & Operations:					
General Division	115	107	115	8	7.5
North Service Area	248	245	246	3	1.2
Calumet Service Area	188	185	188	3	1.6
Stickney Service Area	369	367	372	2	0.5
TOTAL Maintenance & Operations	920	904	921	16	1.8
Engineering	212	242	242	(30)	(12.4)
TOTAL Corporate Fund	1,882	1,909	1,890	(27)	(1.4)
Construction Fund	—	—	—	—	—
Capital Improvements Bond Fund	—	—	—	—	—
TOTAL Capital Budget	—	—	—	—	—
Stormwater Management Fund	85	57	59	28	49.1
Bond Redemption & Interest Fund	—	—	—	—	—
Retirement Fund	—	—	—	—	—
Reserve Claim Fund	—	—	—	—	—
GRAND TOTAL	1,967	1,966	1,949	1	0.1

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	
2019 BUDGETED									
Net Assets Appropriable	\$ 131,296.6	\$ (609,357.7)	\$ 10,620.3	\$ 45,807.0	\$ 87,281.0	\$ 230,060.6	\$ 31,167.8	\$ (73,124.4)	
Net Assets Appropriated	\$ 31,366.5	\$ (609,357.7)	\$ 10,620.3	\$ 45,807.0	\$ 87,281.0	\$ 230,060.6	\$ 31,167.8	\$ (173,054.5)	
Revenue	345,496.0	987,531.5	7,720.0	45,603.1	—	8,296.9	600.0	1,395,247.5	
Appropriation	\$ 376,862.5	\$ 378,173.8	\$ 18,340.3	\$ 91,410.1	\$ 87,281.0	\$ 238,357.5	\$ 31,767.8	\$ 1,222,193.0	
2018 ESTIMATED									
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)	(15,895.8)	(29,759.2)	(89,604.0)	(256,304.2)	(5,600.0)	(902,429.1)	
Ending Net Assets Appropriable	\$ 131,296.6	\$ (609,357.7)	\$ 10,620.3	\$ 45,807.0	\$ —	\$ —	\$ 25,449.3	\$ (396,184.5)	
2017 ACTUAL									
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)	
Adjusted NAA 1/1/2018	\$ 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, Bond Redemption & Interest, and Reserve Claim Funds does not include the current year tax levies, which are reflected in the next year's NAA.

ALL FUNDS
SUMMARY OF REVENUE AND EXPENDITURES
2019 BUDGETED
(In Thousands)

	FUND								
	CORPORATE	CAPITAL IMPROVEMENTS BOND*	CONSTRUCTION	STORMWATER MANAGEMENT	RETIREMENT	BOND REDEMPTION & INTEREST	RESERVE CLAIM	TOTAL	
REVENUE									
Net Assets Appropriable	\$ 131,296.6	\$ (609,357.7)	\$ 10,620.3	\$ 45,807.0	\$ 87,281.0	\$ 230,060.6	\$ 31,167.8	\$ (73,124.4)	
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)	—	850,664.2	—	—	—	—	—	850,664.2	
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	
TOTAL REVENUE	\$ 376,862.5	\$ 378,173.8	\$ 18,340.3	\$ 91,410.1	\$ 87,281.0	\$ 238,357.5	\$ 31,767.8	\$ 1,222,193.0	
EXPENDITURES									
Board of Commissioners	\$ 5,266.7	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 5,266.7	
General Administration	19,790.5	—	—	—	—	—	—	19,790.5	
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	7,069.4	—	—	—	—	—	—	7,069.4	
Finance	3,676.4	—	—	—	—	—	—	3,676.4	
Engineering	25,473.3	378,173.8	18,340.3	—	—	—	—	421,987.4	
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	
TOTAL EXPENDITURES	\$ 376,862.5	\$ 378,173.8	\$ 18,340.3	\$ 91,410.1	\$ 87,281.0	\$ 238,357.5	\$ 31,767.8	\$ 1,222,193.0	

* 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	\$ 4,309.4	\$ —	\$ —	\$ —	\$ —	\$ —	\$ —	\$ 4,309.4	
General Administration	15,866.0	—	—	—	—	—	—	15,866.0	
Monitoring & Research	29,441.6	—	—	—	—	—	—	29,441.6	
Procurement & Materials Mgmt.	8,655.7	—	—	—	—	—	—	8,655.7	
Human Resources	53,743.9	—	—	—	—	—	—	53,743.9	
Information Technology	14,866.1	—	—	—	—	—	—	14,866.1	
Law	6,377.0	—	—	—	—	—	—	6,377.0	
Finance	3,464.5	—	—	—	—	—	—	3,464.5	
Engineering	26,035.5	157,890.7	15,895.8	—	—	—	—	199,822.0	
Maintenance & Operations	184,615.5	—	—	—	—	—	—	184,615.5	
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	\$ 15,895.8	\$ 29,759.2	\$ 89,604.0	\$ 256,304.2	\$ 5,600.0	\$ 902,429.1	

* 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.

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

	ASSETS			
	2019		2018	
	AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
CURRENT ASSETS				
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
Total Current Assets	<u>\$ 353,000,000</u>	<u>\$ 353,000,000</u>	<u>\$ 488,163,405</u>	<u>\$ 488,163,405</u>
	LIABILITIES & FUND EQUITY			
CURRENT LIABILITIES				
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
Total Current Liabilities	<u>\$ 962,357,685</u>	<u>\$ 962,357,685</u>	<u>\$ 1,114,256,105</u>	<u>\$ 1,114,256,105</u>
Designated for Future Claims Liabilities	—	—	—	—
Total Liabilities & Designations	<u>\$ 962,357,685</u>	<u>\$ 962,357,685</u>	<u>\$ 1,114,256,105</u>	<u>\$ 1,114,256,105</u>
ASSETS APPROPRIABLE				
Net Assets Appropriable		<u>\$ (609,357,685)</u>		<u>\$ (626,092,700)</u>
Net Assets Appropriated		<u>\$ (609,357,685)</u>		<u>\$ (626,092,700)</u>
Estimated Revenue		987,531,485		939,075,600
Total Assets Appropriable		<u>\$ 378,173,800</u>		<u>\$ 312,982,900</u>
FUND EQUITY	<u>\$ (609,357,685)</u>		<u>\$ (626,092,700)</u>	
Total Liabilities & Fund Equity	<u>\$ 353,000,000</u>		<u>\$ 488,163,405</u>	

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)	\$ 850,664,185	\$ —	\$ 776,281,100	\$ —	\$ 125,003,513
Investment Income	7,800,000	5,266,000	3,700,000	3,938,820	2,395,116
Subtotal	\$ 858,464,185	\$ 5,266,000	\$ 779,981,100	\$ 3,938,820	\$ 127,398,629
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
Subtotal	\$ 133,267,300	\$ 163,294,500	\$ 163,294,500	\$ 187,303,484	\$ 187,440,964
Total Revenue	\$ 991,731,485	\$ 168,560,500	\$ 943,275,600	\$ 191,242,304	\$ 314,839,593
Other Financing Sources (Uses)					
Equity Transfer	\$ (4,200,000)	\$ (4,200,000)	\$ (4,200,000)	\$ (13,000,000)	\$ —
GRAND TOTAL	\$ 987,531,485	\$ 164,360,500	\$ 939,075,600	\$ 178,242,304	\$ 314,839,593

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

		ASSETS			
		2019		2018	
CURRENT ASSETS		AMOUNT	AVAILABLE FOR APPROPRIATION	AMOUNT	AVAILABLE FOR APPROPRIATION
Cash & Investments		\$ 13,650,000	\$ 13,650,000	\$ 13,926,461	\$ 13,926,461
Taxes Receivable		11,290,500	11,322,000	16,405,000	16,454,139
Replacement Tax		—	—	—	—
Total Current Assets		\$ 24,940,500	\$ 24,972,000	\$ 30,331,461	\$ 30,380,600
		LIABILITIES & FUND EQUITY			
CURRENT LIABILITIES					
Unpaid Bills:					
Contracts Payable		\$ 2,075,700	\$ 2,075,700	\$ 2,340,000	\$ 2,340,000
Contractual Services		276,000	276,000	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
Total Current Liabilities		\$ 14,351,700	\$ 14,351,700	\$ 15,640,000	\$ 15,640,000
Total Liabilities			\$ 14,351,700		\$ 15,640,000
ASSETS APPROPRIABLE FOR 2019 AND 2018					
Net Assets Appropriable		\$ 10,620,300		\$ 14,740,600	
Net Assets Appropriated		\$ 10,620,300		\$ 14,740,600	
Estimated Revenue		7,720,000		11,340,000	
Total Assets Appropriable		\$ 18,340,300		\$ 26,080,600	
FUND EQUITY					
Designated for Future Claims Liabilities		\$ —		\$ —	
Undesignated		10,588,800		14,691,461	
Total Fund Equity		\$ 10,588,800		\$ 14,691,461	
Total Liabilities & Fund Equity		\$ 24,940,500		\$ 30,331,461	

Construction Fund Program

Projects Under Construction

Project Name	Project Number	Est. Construction Cost	MWRD 2019 Appropriation	Duration (days)	Award / Est. Award Date
Industrial Waste Division and Construction Office Renovation, CWRP	16-268-2V	\$ 2,668	\$ 29	805	Nov 2016
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	316	316	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
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
Control and Refrigeration Equipment Replacement at the M&R Facility, SWRP	18-184-21	298	100	185	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	18-611-23	1,851	975	540	Oct 2018
Furnish and Deliver Submersible Pump, CSA	18-601-21	161	161	175	Nov 2018
Rehabilitate Raw Sewage Pump Rotating Assemblies, Various Locations	18-610-21	825	595	731	Nov 2018
Replace Air Conditioning Unit at Waterways Control Center, MOB	J15090-065	14	14	63	Nov 2018
Employee Benefits Software, District-wide	17-RFP-37	45	45	395	Dec 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	825	395	Dec 2018
Renovate Bathroom Stalls, MOBA	J15090-032	75	75	120	Dec 2018
Total Projects Under Construction		\$ 13,893	\$ 6,972		

Awards in 2019

Project Name	Project Number	Est. Construction Cost	MWRD 2019 Appropriation	Duration (days)	Award / Est. Award Date
Southwest Intercepting Sewer 17C Rehabilitation, SSA	18-555-2J	\$ 35	\$ 35	58	Jan 2019
Furnish, Deliver, and Install Underground Steam and Utility Piping, CWRP	18-805-21	210	210	180	Jan 2019
Programmable Logic Controller Human Machine Interface Migration, CSA	19-805-21	563	563	350	Jan 2019
Storeroom Lighting Improvements, EWRP	J67795XX	50	50	180	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	349	349	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		\$ 9,847	\$ 7,832		
Cumulative Projects Under Construction and 2019 Awards		\$ 23,740	\$ 14,804		

Note: All cost figures are in thousands of dollars.

Capital Improvements Bond Fund Program

Awards in 2019

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
Pump Rehabilitation and Diverter Gate Installation, EWRP	16-412-3M	550	322	Jan 2019
Furnish, Deliver, and Install Disc Filters, EWRP	18-702-31	4,000	730	Jan 2019
Furnish, Deliver, and Install Three Bar Screens, KWRP	18-703-31	1,350	713	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	2,639	659	Feb 2019
Rehabilitate One Electric Motor, SWRP	19-902-31	300	242	Feb 2019
Odor Control Facilities at WASSTRIP®, Southwest Coarse Screen and Overhead Weir, and Post-Centrifuge Building, SWRP	17-134-3M	17,250	603	Mar 2019
Digester Rehabilitation and Gas Piping Replacement, SWRP	17-140-3P	15,000	704	Mar 2019
Installation and Removal of Cofferdam at Sluice Gate No. 2, Lockport Powerhouse Controlling Works, SSA	18-607-31	350	305	Mar 2019
North Side Sludge Pipeline Replacement - Section 1, NSA	07-027-3S	14,327	922	Apr 2019
Odor Control Systems at Two TARP Shafts and Decommissioning the Thornton Transitional Reservoir, CSA	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	9,762	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
Utility Tunnel Cracks and Expansion Joints Rehabilitation, OWRP, KWRP, EWRP, HPWRP	17-843-3D	3,000	682	Dec 2019
Total 2019 Awards		\$ 178,518		

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
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
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
McCook Reservoir Expanded Stage 2 Rock Wall Stabilization, SWRP	17-131-4F	5,000	1,230	Jan 2022
McCook Reservoir Expanded Stage 2 Aeration and Floor Features, SSA	17-132-4F	2,000	317	Jan 2026
Total Future Awards		\$ 122,100		
Cumulative 2019 and Future Awards		\$ 300,618		

*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	56,450	34,271	90,721
Expansion and Improvements	—	—	—
Solids Management	84,827	10,120	94,947
Collection Facilities	32,200	61,250	93,450
Replacement of Facilities	—	—	—
Other	—	—	—
	\$ 189,977	\$ 110,641	\$ 300,618

Projects Under Construction

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

Project Name	Project Number	Est. Construction Cost	Award Date	Est. Substantial Completion Date
Thornton Composite Reservoir Mining, Land, and Corp Costs, CSA	77-235-2F	\$ 52,806	Jun 1998	Oct 2020
McCook Reservoir Stages 1 & 2, SSA	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
McCook Reservoir Des Plaines Inflow Tunnel	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
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
Furnish, Deliver and Install Odor Control System, KWRP, HPWRP, and CWRP	17-844-3P	4,347	Dec 2018	Apr 2020
Total Projects Under Construction		\$ 367,461		

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

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

Stormwater Management Capital Improvements Bond Fund Program

Awards in 2019

Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date
Addison Creek Reservoir, SSA	11-186-3F	\$ 95,761	1,124	Jan 2019
Streambank Stabilization Project on Melvina Ditch in Oak Lawn and Chicago Ridge, CSA	13-248-3F	8,800	774	Jan 2019
Land Acquisition for a Flood Control Project in the vicinity of 131 Street and Cypress Drive in Palos Heights, CSA	17-IGA-04	370	119	May 2019
* Construction of a Levee along Thorn Creek at Arquilla Park, Glenwood, CSA	15-IGA-14	3,483	306	Jun 2019
Streambank Stabilization Project on Tinley Creek, CSA	10-882-AF	3,806	1,412	Jul 2019
Addison Creek Channel Improvements, SWRP	11-187-3F	42,700	1,048	Oct 2019
Total 2019 Awards		\$ 154,920		

*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 Loans	Alternate Bonds	Grants	Total
\$ 150,680	\$ 4,240	\$ —	\$ 154,920

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
Melvina Ditch Reservoir Improvements, SSA	14-263-3F	\$ 14,245	Nov 2017	May 2021
* Buffalo Creek Reservoir Expansion, NSA	13-370-3F	8,598	Feb 2018	Mar 2020
Pilot Study for Investigating Technology to Address Basement Backups, CSA	16-IGA-20	400	Nov 2018	Dec 2020
Total Projects Under Construction		\$ 23,243		

*These projects are funded by the Capital Improvements Bond Fund and the Stormwater Management Fund.

Refer to Section VI Stormwater Management Fund for more information about the Stormwater Management Capital Improvement Program.

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

Stormwater Management Fund Program

Projects Under Construction						
Project Name	Project Number	Est. Construction Cost	MWRD 2019 Appropriation	Award Date	Est. Substantial Completion Date	
Flood Control/Streambank Stabilization Project on Tinley Creek in Crestwood, CSA	10-883-AF	\$ 7,583	\$ 363	Sep 2015	Jan 2020	
Streambank Stabilization/Flood Control Project on Tinley Creek in Orland Hills, CSA	10-882-DF	664	133	Apr 2016	Aug 2020	
McDermott Drive/Morris Avenue Storm Sewer Improvements, SSA	16-IGA-04	3,654	1,800	Jul 2016	Jul 2019	
Installation of Green Infrastructure at Chicago Public Schools, Various Locations	15-IGA-20	16,000	10,575	Sep 2016	Dec 2022	
* Buffalo Creek Reservoir Expansion, NSA	13-370-3F	1,081	540	Feb 2018	Mar 2020	
Flood Control Project at Arrowhead Lake in Palos Heights, CSA	10-883-BF	1,200	1,165	Sep 2018	Jul 2022	
Flood Control Project on Natalie Creek in Oak Forest and Midlothian, CSA	14-252-5F	7,569	3,500	Sep 2018	Jan 2021	
Land Acquisition for the Flood Control Project on Midlothian Creek in Robbins, CSA	17-IGA-02	200	100	Sep 2018	Oct 2019	
Parking Lot Pavers and a Bioinfiltration Basin at the Arlington Heights Police Station, NSA	18-IGA-01	358	100	Sep 2018	Mar 2019	
Green Alleys Project in Harwood Heights, NSA	18-IGA-09	384	234	Sep 2018	Jun 2019	
Storm Sewers in Reuters Subdivision in Franklin Park, SSA	18-IGA-23	378	189	Sep 2018	Jul 2019	
Streambank Stabilization Projects for Addison Creek, SSA	14-108-5F	1,823	1,503	Oct 2018	Aug 2022	
Stormwater Infiltration Through the Establishment of Native Habitat at Three Chicago Parks, Various Locations	18-IGA-04	239	189	Oct 2018	Apr 2019	
Green Alleys Project in Maywood, SSA	18-IGA-10	841	641	Oct 2018	Jun 2019	
Garfield Park Community Eco Orchard in Chicago, SSA	18-IGA-05	500	400	Nov 2018	Jan 2019	
University of Illinois at Chicago Green Infrastructure at the Arthington Mall, SSA	18-IGA-18	242	192	Nov 2018	Jan 2019	
Groveland Avenue Levee Improvements in Riverside, SSA	18-IGA-20	2,506	1,052	Nov 2018	Mar 2019	
Expansion of Existing Detention Basin in Orland Park, CSA	18-IGA-33	558	558	Nov 2018	Sep 2019	
Permeable Pavement and Rain Gardens in Posen, CSA	18-IGA-15	125	125	Dec 2018	Apr 2019	
New Storm Sewers and Outfall to the North Shore Channel in Lincolnwood, NSA	18-IGA-22	1,392	1,392	Dec 2018	Feb 2019	
Culvert Improvements in Elk Grove Village, NSA	18-IGA-30	1,250	646	Dec 2018	Dec 2020	
Total Projects Under Construction		\$ 48,547	\$ 25,397			

Awards in 2019

Project Name	Project Number	Est. Construction Cost	MWRD 2019 Appropriation	Duration (days)	Est. Award Date
Streambank Stabilization Project along Calumet Union Drainage Ditch, CSA	10-882-BF	\$ 1,568	\$ 634	1,261	Jan 2019
Flood Control Project on Midlothian Creek in Robbins, CSA	14-253-5F	11,000	4,100	502	Jan 2019
Storm Sewer Improvements in La Grange, SSA	16-IGA-02	2,000	2,000	369	Jan 2019
Green Alleys Project in Chicago, CSA	18-IGA-03	197	197	59	Jan 2019
Stormwater Storage in Mt. Prospect, NSA	18-IGA-25	1,862	1,113	681	Jan 2019
Storm Sewers in Glenview, NSA	18-IGA-27	500	500	170	Apr 2019
Storm Sewers and Outfall in Forest View, SSA	18-IGA-28	1,000	1,000	150	Apr 2019
Stormwater Storage Areas in Niles, NSA	18-IGA-31	2,000	504	585	Apr 2019
Relief Sewers to Mitigate Basement Backups in Arlington Heights, NSA	18-IGA-34	1,370	1,370	417	Apr 2019
Parking Lot Conversion in Park Ridge, NSA	18-IGA-08	270	270	59	May 2019
Wetland and Park Storage Projects in Winnetka, NSA	18-IGA-24	3,238	500	424	May 2019
* Construction of a Levee along Thorn Creek at Arquilla Park in Glenwood, CSA	15-IGA-14	387	200	306	Jun 2019
Lake Catherine Commuter Parking Lot in Palos Heights, CSA	18-IGA-14	184	184	59	Jun 2019
Storm Sewers Connection to Existing Des Plaines River Outfall in Forest Park, SSA	18-IGA-21	1,106	646	424	Jun 2019
Flood Control Project on Farmers and Prairie Creeks, NSA	12-056-5F	14,100	6,183	713	Jul 2019
Flood Control Project on 1st Avenue from Roosevelt Road to Cermak Road, SSA	14-111-5F	5,200	2,600	452	Jul 2019
Flood Control in the vicinity of 131st Street and Cypress Drive in Palos Heights, CSA	14-259-5F	200	200	352	Jul 2019
Winchester Avenue Green Infrastructure Project in Calumet Park, CSA	18-IGA-02	325	163	300	Jul 2019
Orland Park Nature Center and Green Roofs in Orland Park, CSA	18-IGA-13	146	73	300	Aug 2019
Flood Control Project for Deer Creek, CSA	10-884-BF	6,500	1,720	683	Sep 2019
Green Infrastructure for the Peterson Ridge Metra Station in Chicago, NSA	18-IGA-11	1,082	541	59	Nov 2019
Total 2019 Awards		\$ 54,235	\$ 24,698		

Projects Under Development

Project Name	Project Number	Est. Construction Cost	Duration (days)	Est. Award Date
Flood Control Project on the West Fork of the North Branch of the Chicago River, NSA	16-IGA-18	\$ 6,600	729	Feb 2020
Flood Control Project along Plainfield Road in Countryside, La Grange, McCook, and Lyons Township, SSA	14-112-5F	17,000	729	Mar 2020
Flood Control Project in the vicinity of 135th Street and Central Avenue in Crestwood, CSA	14-258-5F	9,300	317	Mar 2020
Storm Sewers and Outfall to Flagg Creek in Western Springs, SSA	18-IGA-32	192	240	Mar 2020
Flood Control Project for the Washington Street Area in Blue Island, CSA	14-260-5F	5,700	682	May 2020
Flood Control Project on Willow Road at McDonald Creek Tributary A in Prospect Heights, NSA	14-371-5F	1,800	670	May 2020
Flood Control Project on Calumet-Sag Tributary C in Bremen Township and Midlothian, CSA	14-257-5F	3,600	317	Jun 2020
Culvert Upsizing and Channel Improvements on Boca Rio Ditch in Oak Forest, CSA	18-IGA-26	203	120	Jun 2020
Flood Control Project on Central Road from the Des Plaines River to Greenwood Road, NSA	14-065-5F	12,000	683	Feb 2021
Total Future Awards		\$ 56,395		
Cumulative Projects Under Construction, 2019 Awards, and Future Awards		\$ 159,177		

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

Refer to Section V Capital Budget for more information about Stormwater Management projects funded by alternative bonds.

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

**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE ADOPTED 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 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>
25	156	612490	Contractual Services, N.O.C.		\$336,000		\$335,600		(\$400)	Decrease is due to favorable bids on 19-105-11, Collection, Shipment, and Analysis of Water Samples from the Thornton Composite Reservoir and Monitoring Wells, and the Analysis of Monitoring Well Samples from the McCook Reservoir Site.
25	156	623820	Fuel		\$13,400		\$13,800		\$400	Increase is due to the higher than anticipated award value of 19-022-11, Furnish and Deliver Diesel Fuel to Various Locations.
31	162	162	Laboratory Assistant (HP09)	3		2		(1)		One position was transferred to Section 164.
31	162	164	Laboratory Assistant (HP09)	1		2		1		One position was transferred from Section 162.
32	163	166	Laboratory Technician II (HP11)	8		7		(1)		One position was transferred to Section 167.
32	163	167	Laboratory Technician II (HP11)	7		8		1		One position was transferred from Section 166.

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

December 2018 (BF-21)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

12/12/18
Date

1
Page

**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE ADOPTED 2019 BUDGET RECOMMENDATIONS**

Department Page Number:
1 of 1


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

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>
37	205	601010	Salaries of Regular Employees		\$8,516,000		\$8,196,000		(\$320,000)	Decrease is due to the position changes detailed below.
37	205	612430	Payments for Professional Services		\$960,800		\$1,280,800		\$320,000	Increase is due to the addition of professional services for cyber security assessment.
--	208	289	IT Security Analyst (HP14)	1		0		(1)		One position was dropped in Section 289.
--	208	291	Information Technology Manager (HP19)	2		1		(1)		A crosshatch #1 was added to one position in Section 291.
--	--	291	Information Technology Manager #1 (HP19)	0		1		1		A crosshatch #1 was added to one position in Section 291.
--	208	293	Senior Applications Administrator (HP18)	1		0		(1)		A crosshatch #1 was added to one position in Section 293.
--	--	293	Senior Applications Administrator #1 (HP18)	0		1		1		A crosshatch #1 was added to one position in Section 293.
--	209	294	GIS Analyst (HP14)	3		2		(1)		One position was dropped in Section 294.
--	209	295	Applications Analyst (HP14)	2		1		(1)		One position was dropped in Section 295.

INFORMATION TECHNOLOGY BUDGET TOTAL: \$18,432,300 \$18,432,300 \$0

December 2018 (BF-21)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

12/12/18
Date

2
Page

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE ADOPTED 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 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>
44	261	623820	Fuel		\$172,200		\$179,100		\$6,900	Increase is due to the higher than anticipated award value of 19-022-11, Furnish and Deliver Diesel Fuel to Various Locations.

GENERAL DIVISION BUDGET TOTAL: \$31,634,100 \$31,641,000 \$6,900

December 2018 (BF-21)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

12/12/18
Date

3
Page

**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE ADOPTED 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 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>
45	276	612530	Farming Services		\$24,700		\$24,000		(\$700)	Decrease is due to the Fischer Farm horticultural center not requiring operational services in 2019.
46	277	623820	Fuel		\$13,000		\$13,700		\$700	Increase is due to the higher than anticipated award value of 19-022-11. Furnish and Deliver Diesel Fuel to Various Locations.

NORTH SERVICE AREA BUDGET TOTAL: \$43,382,000 \$43,382,000 \$0

December 2018 (BF-21)



Department Head (Recommended)



Budget Officer (Reviewed)



Executive Director (Approved)

12/12/18

Date

4

Page

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE ADOPTED 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 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>
47	291	623130	Buildings, Grounds, Paving Materials, and Supplies		\$54,000		\$51,600		(\$2,400)	Decrease is due to the reduced need for materials used for structural repairs to boilers based on the work completed in 2018.
48	292	623820	Fuel		\$45,000		\$47,400		\$2,400	Increase is due to the higher than anticipated award value of 19-022-11. Furnish and Deliver Diesel Fuel to Various Locations.

CALUMET SERVICE AREA BUDGET TOTAL: \$36,634,900 \$36,634,900 \$0

December 2018 (BF-21)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

12/12/18
Date

5
Page

METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE ADOPTED 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 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>
50	305	623270	Mechanical Repair Parts		\$1,939,300		\$1,927,800		(\$11,500)	Decrease is due to an updated estimate for mechanical repair parts as a result of the addition of outside services for centrifuge maintenance.
50	305	623820	Fuel		\$87,400		\$92,000		\$4,600	Increase is due to the higher than anticipated award value of 19-022-11, Furnish and Deliver Diesel Fuel to Various Locations.

STICKNEY SERVICE AREA BUDGET TOTAL: \$84,355,400 \$84,348,500 (\$6,900)

December 2018 (BF-21)

MAINTENANCE & OPERATIONS

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



Department Head (Recommended)



Budget Officer (Reviewed)



Executive Director (Approved)

12/12/18

Date

6

Page

**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE ADOPTED 2019 BUDGET RECOMMENDATIONS**

Department Page Number:
1 of 1

Fund: 201 Department Number: 50000 Fund Name: Construction

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>
54	385	634620	Equipment for Waterway Facilities		\$0		\$17,000		\$17,000	Increase is due to the carryforward of a project to replace air conditioning units in the Waterways Control Center at the Main Office Building.
54	385	645680	Buildings		\$2,986,000		\$3,061,000		\$75,000	Increase is due to the carryforward of a project to renovate bathroom stalls at the Main Office Building Complex.
54	385	645700	Preservation of Collection Facility Structures		\$2,505,000		\$2,540,000		\$35,000	Increase is due to the carryforward of JOC 18-555-2J, Southwest Side Intercepting Sewer 17-C Relining.
54	385	645750	Preservation of Process Facility Structures		\$1,449,800		\$1,414,800		(\$35,000)	Decrease is due to the 2018 completion of 11-403-2P, Membrane Gas Holder Replacement and Digester Cleaning, EWRP.

CONSTRUCTION FUND BUDGET TOTAL: \$18,248,300 \$18,340,300 \$92,000

December 2018 (BF-21)


Department Head (Recommended)


Budget Officer (Reviewed)


Executive Director (Approved)

12/12/18
Date

7
Page


Department Head (Recommended)

**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE ADOPTED 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 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>
59	459	612400	Intergovernmental Agreements		\$12,871,100		\$16,354,100		\$3,483,000	Increase is due to the addition of funding for 15-IGA-14, Construction of a Levee along Thorn Creek at Arquilla Park, Glenwood, CSA.
59	459	645620	Waterway Facilities Structures		\$167,235,700		\$163,752,700		(\$3,483,000)	Decrease is due to 10-884-BF, Flood Control Project for Deer Creek, CSA, being fully funded by the Stormwater Management Fund.
59	459	645650	Process Facilities Structures		\$14,450,000		\$32,562,500		\$18,112,500	Increase is due to the deferral and anticipated 2019 award of 17-134-3M, Odor Control Facilities at WASSTRIP®, Southwest Coarse Screen and Overhead Weir, and Post-Centrifuge Building, SWRP.

CAPITAL IMPROVEMENTS BOND FUND BUDGET TOTAL: \$360,061,300 \$378,173,800 \$18,112,500

December 2018 (BF-21)



Department Head (Recommended)



Budget Officer (Reviewed)



Executive Director (Approved)

12/12/18

Date

8

Page

**METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO
CHANGES TO THE ADOPTED 2019 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>FROM No. \$ Amount</i>	<i>TO No. \$ Amount</i>	<i>Plus/(Minus) No. \$ Amount</i>	<i>Explanation</i>
62	536	645620	Waterway Facilities Structures	\$23,367,100	\$22,725,400	(\$641,700)	Decrease is due to changes in project schedules for Waterway Facilities Structures.
62	536	645720	Preservation of Waterway Facility Structures	\$1,602,500	\$2,244,200	\$641,700	Increase is due to the higher than anticipated award value of 14-108-5F, Streambank Stabilization Projects for Addison Creek, SSA.

STORMWATER MANAGEMENT FUND BUDGET TOTAL: \$91,410,100 \$91,410,100 \$0

December 2018 (BF-21)

Catherine A. O'Connor

Department Head (Recommended)

Shelley Pratt

Budget Officer (Reviewed)

Brian Beckwith

Executive Director (Approved)

12/12/18

Date

9

Page