



DuPage Water Commission

600 E. Butterfield Road, Elmhurst, IL 60126-4642
(630)834-0100 Fax: (630)834-0120

NOTICE IS HEREBY GIVEN THAT A SPECIAL COMMITTEE OF THE WHOLE MEETING OF THE DUPAGE WATER COMMISSION WILL BE HELD AT 6:00 P.M. ON THURSDAY, FEBRUARY 21, 2019, AT ITS OFFICES LISTED BELOW. THE AGENDA FOR THE SPECIAL COMMITTEE OF THE WHOLE MEETING IS AS FOLLOWS:

AGENDA

**DUPAGE WATER COMMISSION
COMMITTEE OF THE WHOLE
THURSDAY, FEBRUARY 21, 2019
6:00 P.M.**

**600 EAST BUTTERFIELD ROAD
ELMHURST, IL 60126**

- I. Roll Call
- II. Tentative Draft Fiscal Year 2019-2020 Budget
- III. Other
- IV. Adjournment

Board/Agenda/Commission/COW1902.doc

All visitors must present a valid drivers license or other government-issued photo identification, sign in at the reception area and wear a visitor badge while at the DuPage Pumping Station.



**DuPage Water Commission
Fiscal Year 2019-2020
Tentative Draft Budget
May 1, 2019 to April 30, 2020**

March 1, 2019



DuPage Water Commission

MEMORANDUM

TO: Charter Customers and Bond Trustees

FROM: John Spatz, General Manager

DATE: March 1, 2019

SUBJECT: FY 2019-2020 Tentative Draft Management Budget

The Board of Commissioners is currently reviewing the tentative draft management budget for the fiscal year 2019-2020. It is being sent to you as required by Section 7(L) of the Water Purchase Contract. This draft is subject to further completion of review and adoption by the Board of Commissioners. Please share this information with personnel in your organization involved in the budget process.

This budget is scheduled to be adopted after a charter customer hearing on April 18, 2019 at 6:30 PM. If you have questions regarding the budget, please feel free to call me at (630) 834-0100.

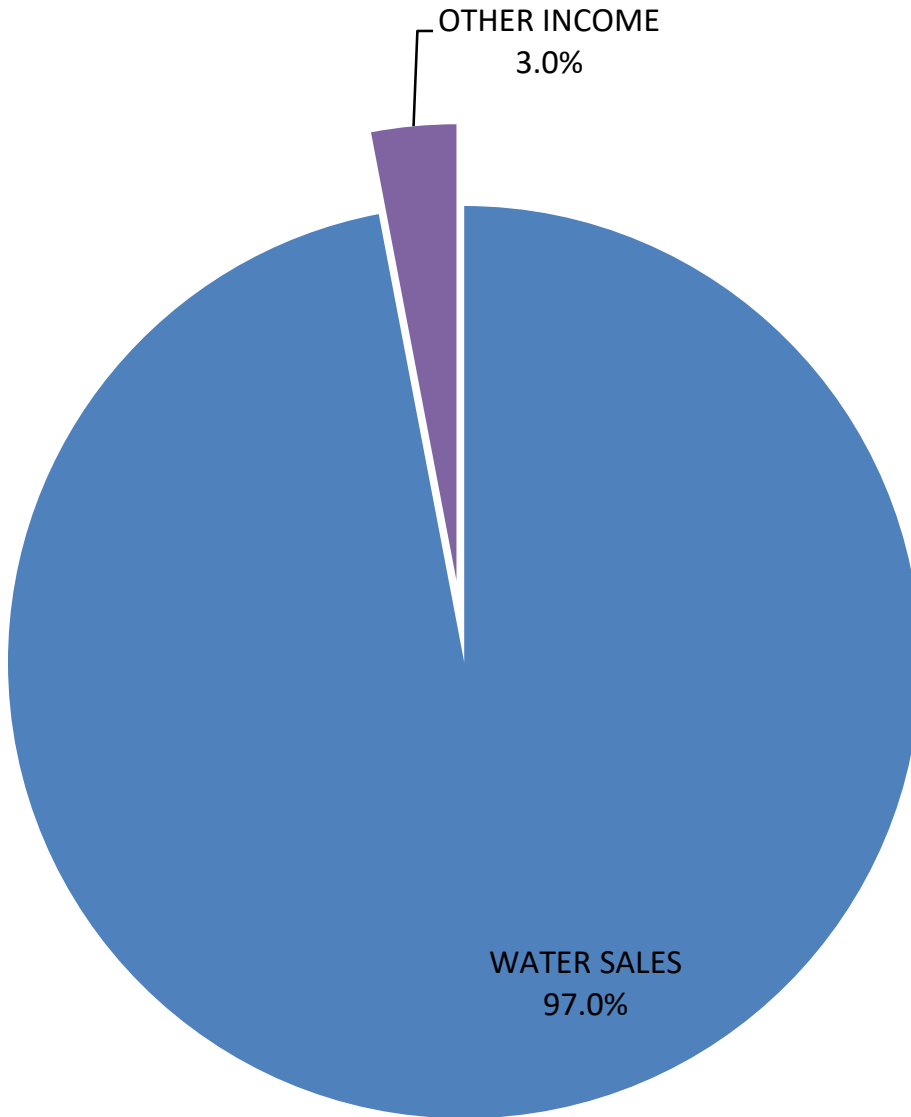
cc:

Chairman & Commissioners	County of DuPage
Argonne National Laboratory	BMO Harris
Illinois American Water	Village of Bartlett
Company	
City of Oakbrook Terrace	
Village of Winfield	

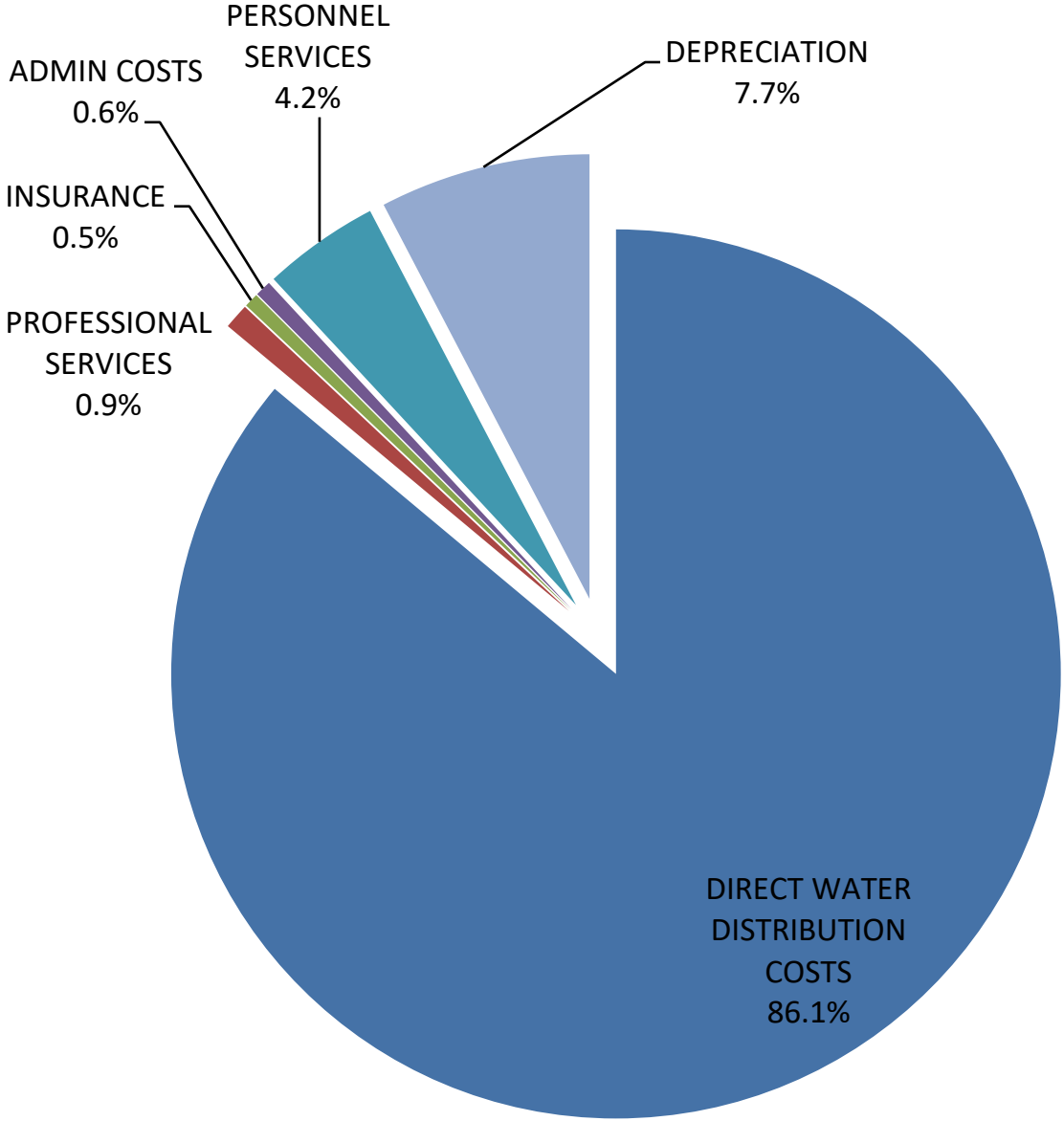
DuPage Water Commission
Tentative Draft Management Budget
May 1, 2019 to April 30, 2020
Executive Summary

- With the Tentative Budget for fiscal year 2019-2020, the Commission is a self-sustaining water utility, operating almost entirely on our water sales. The Commission continues to hold the line on spending while maximizing efficiencies.
- Due to the actions of the Commission over the last several years to control costs and aggressively pay down all debt, this Budget also reflects a total water rate that increases slightly from \$4.94 to \$4.97 per thousand gallons. The water rate increase in this budget is related to the anticipated increase from the City of Chicago based on the increase in the Consumer Price Index from December 2017 to 2018.
- Total budgeted revenues increase by \$8.0 million versus the fiscal year 2018-2019 budget. The main drivers are as follows:
 - On May 1, 2019, the total Charter Customer's water rate will increase from \$4.94 to \$4.97 per thousand gallons, with operations and maintenance rate being \$4.97 per thousand gallons and fixed cost equivalent remaining at \$0.00 per thousand gallons.
 - The Commission budgeted water sales revenues are expected to increase based upon the projections of the addition of the Village of Bartlett water sales and all other water usage remaining the same as the last fiscal year.
 - The subsequent customer differential is expected to increase in due to the capital recovery cost (buy-in) related to the addition of the Village of Bartlett.
 - The interest income is budgeted to increase slightly.
- Total operating expenses (excluding construction) increase by \$5.5 million versus the fiscal year 2018-2019 budget. The main drivers are as follows:
 - The total budgeted costs for water purchased from the City of Chicago increases from \$101.1 million to \$105.4 million, which is an increase in that expense by \$4.3 million. This amount is based on the expectation of purchasing additional water for Village of Bartlett and all other customers water usage remaining the same as the last fiscal year, as well as, a water rate increase from the City based upon the consumer price index from December 2017 to December 2018.
 - Personnel services are budgeted to increase related to wage and salary adjustments, overtime, pension and medical benefits.
 - Professional Services are budgeted to increase related to contractual services for increased IT security services.
 - Depreciation expenses are budgeted to increase from the previous fiscal year's budget due to recent completion of some capital projects.
 - All capital construction expenditures for fiscal year 2019-2020 have remained separated from operating accounts. The Commission has also included a Five-Year Capital Improvement Plan for 2019-2024.

**DuPage Water Commission
2019-2020 Budget Projection
Revenues \$131,561,255**



**DuPage Water Commission
2019-2020 Budget Projection
Expenses \$128,954,262**



TOTAL REVENUES AND OPERATING EXPENSES. The Total Charter Customer water rate will increase on May 1, 2019 to \$4.97 per 1,000 gallons. The operation and maintenance component of the water rate is \$4.97 per 1,000 gallons and the fixed cost equivalent will remain at \$0.00 per 1,000 gallons. The rate increase is a result of an increase in the water rate by the City of Chicago. Additional O&M payments and Subsequent Customer Differential revenue is related to adding the Village of Bartlett as a subsequent customer in 2019.

As of June 1, 2016, the Commission stopped collecting sales tax.

Total operating expenditures in the fiscal year 2019-2020 budget are expected to increase primarily due to water rate increases, additional water purchases related to adding the Village of Bartlett, adjusted salary and wages, additional professional services, and higher depreciation costs.

CONSTRUCTION EXPENDITURES

Construction projects for fiscal year 2019-2020 include, replacement of the SCADA system, building improvements, and an additional highlift pump.

DUPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2019 TO APRIL 30, 2020

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 17-18 ACTUAL	WATER FUND FY 18-19 BUDGET	WATER FUND FY 18-19 PROJECTED	WATER FUND FY 19-20 BUDGET	% CHANGE	% CHANGE
							FY 18-19 BUDGET VS FY 18-19 PROJECTED	FY 18-19 BUDGET VS FY 19-20 BUDGET
01	500000							
	REVENUES							
01	511000	PAGE 3	129,421,733	122,037,409	124,443,644	127,639,540	2.0%	4.6%
	O & M PAYMENTS							
01	512000	PAGE 3	0	0	0	0	N/A	N/A
	FIXED COST PAYMENTS							
01	513000	PAGE 3	853,622	853,622	853,622	2,911,090	0.0%	241.0%
	SUBSEQUENT CUSTOMER DIFFERENTIAL							
01	514000	PAGE 3	35,466	20,240	20,000	20,625	-1.2%	1.9%
	EMERGENCY WATER SERVICE							
01	530010	PAGE 3	361,789	0	112,907	0	N/A	N/A
	SALES TAXES ASSIGNED TO WATER REVENUE							
01	530030	PAGE 3	0	0	0	0	N/A	N/A
	SALES TAXES AVAILABLE FOR GENERAL USE							
01	581000	PAGE 3	(209,088)	669,250	891,000	990,000	33.1%	47.9%
	INTEREST INCOME							
01	590000	PAGE 3	35,631	0	119,000	0	N/A	N/A
	OTHER INCOME							
	592000	PAGE 3	0	0	0	0	N/A	N/A
	CONTRIBUTIONS							
	TOTAL REVENUE		130,499,153	123,580,521	126,440,173	131,561,255	2.3%	6.5%
01	60 600000							
	OPERATING EXPENDITURES							
01	60 600000	PAGE 5	0	0	0	0	N/A	N/A
	REBATE/ALLOWANCE FOR BAD DEBT							
01	60 610000	PAGE 5	4,106,650	4,849,064	5,000,428	5,469,847	3.1%	12.8%
	PERSONNEL SERVICES							
01	60 620000	PAGE 7	640,709	1,091,520	931,200	1,189,720	-14.7%	9.0%
	PROFESSIONAL SERVICES							
01	60 640000	PAGE 8	554,144	663,800	976,600	669,300	47.1%	0.8%
	INSURANCE							
01	60 650000	PAGE 9	448,226	670,411	579,400	666,046	-13.6%	-0.7%
	ADMINISTRATIVE COSTS							
01	60 660000	PAGE 10	110,529,039	106,717,370	107,814,250	110,999,099	1.0%	4.0%
	DIRECT WATER DISTRIBUTION COSTS							
01	60 670000	PAGE 11	0	0	0	0	N/A	N/A
	BOND INTEREST COSTS							
01	60 680000	PAGE 11	17,122	52,050	43,100	76,250	-17.2%	46.5%
	EQUIPMENT, LAND AND RIGHT-OF-WAY							
01	60 690000	PAGE 12	8,750,995	9,418,000	9,049,000	9,884,000	-3.9%	4.9%
	DEPRECIATION							
	TOTAL OPERATING EXPENDITURES		125,046,885	123,462,215	124,393,978	128,954,262	0.8%	4.4%
01	60 700000	PAGE 13	0	0	0	0	N/A	N/A
	CONSTRUCTION EXPENDITURES							
	TOTAL EXPENDITURES		125,046,885	123,462,215	124,393,978	128,954,262	0.8%	4.4%
	NET OPERATING ACCOUNTING TRANSACTIONS		5,452,268	118,306	2,046,194	2,606,994	1629.6%	2103.6%

FUND BALANCES. The Commission reports its net assets in accordance with Generally Accepted Accounting Principles (GAAP). Net Assets is categorized into three categories as follows:

Unrestricted Net Assets
Restricted Net Assets by Ordinance
Net Assets Invested in Capital, Net of Related Debt

Unrestricted Net Assets is a combination of Board designated reserve funds and the net amount of all other asset and liability accounts not accounted for as Restricted Net Assets by Ordinance or Net Assets Invested in Capital Assets, Net of Related Debt. The Board designated reserve funds include an Operating Reserve fund based upon maintaining a minimum balance of 180 days of operating expenses, which should be approximately \$65.8 million in the 2019-2020 budgeted fiscal year. This fund is to be used for rate stabilization, emergencies, and unscheduled costs related to the operation of the Commission. The Capital Reserve account will accumulate and maintain a minimum amount equal to the planned amounts required in the annually approved 5 Year Capital Improvement Plan. Funds deposited in this Fund shall be used to provide a ready source of funds for repair, refurbishment or acquisition of buildings, leaseholds, furniture, fixtures, and equipment necessary for the effective operation of the Commission and its programs. Another reserve fund is a Long-Term Water Capital Reserve fund that will continue to increase by at least \$175,000 a month. This fund is exclusively for the acquisition, replacement and upgrade of the Commission's water system infrastructure, and other capital assets.

Currently there are no Restricted Net Assets required by Ordinance.

Net Assets Invested in Capital, Net of Related Debt represents the Commission's infrastructure investment net of unpaid long-term debt used for its construction. The budgeted ending balance is based upon the prior year projected ending balance plus budgeted capital spending and scheduled debt payments, less depreciation expense.

DUPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2019 TO APRIL 30, 2020

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 17-18 ACTUAL	WATER FUND FY 18-19 BUDGET	WATER FUND FY 18-19 PROJECTED	WATER FUND FY 19-20 BUDGET	% CHANGE FY 18-19 BUDGET VS FY 18-19 PROJECTED	% CHANGE FY 18-19 BUDGET VS FY 19-20 BUDGET
	NET ASSETS BALANCE							
	NET CURRENT YEAR TRANSACTIONS	PAGE 1	5,452,268	118,306	2,046,194	2,606,994	1629.6%	2103.6%
	BEGINNING NET ASSET BALANCE		504,498,312	509,950,580	509,950,580	511,996,774	0.0%	0.4%
	ENDING NET ASSET BALANCE		509,950,580	510,068,886	511,996,774	514,603,768	0.4%	0.9%
	NET ASSETS BALANCE ANALYSIS							
	UNRESTRICTED ASSETS							
	BOARD DESIGNATED:							
	HELD FOR EMERGENCY REPAIRS		0	0	0	0	N/A	N/A
	OPERATING RESERVE		68,095,853	71,084,720	68,715,467	65,821,099	-3.3%	-7.4%
	LONG-TERM WATER CAPITAL RESERVE		14,706,790	14,125,000	14,871,544	16,225,000	5.3%	14.9%
	CAPITAL RESERVE		51,699,745	47,538,790	42,952,756	44,739,500	-9.6%	-5.9%
	NON-BOARD DESIGNATED:							
01	421400 NET UNRESTRICTED/UNCOMMITTED		37,159,190	18,386,174	37,712,605	35,679,067	105.1%	94.1%
01	421000 TOTAL UNRESTRICTED NET ASSETS		171,661,578	151,134,684	164,252,372	162,464,666	8.7%	7.5%
01	421000 UNRESTRICTED NET ASSETS		171,661,578	151,134,684	164,252,372	162,464,666	8.7%	7.5%
01	422000 RESTRICTED NET ASSETS BY ORDINANCE		0	0	0	0	N/A	N/A
01	423000 NET ASSETS INVESTED IN CAPITAL, NET OF RELATED DEBT		338,289,002	358,934,202	347,744,402	352,139,102	-3.1%	-1.9%
	NET ASSETS BALANCE		509,950,580	510,068,886	511,996,774	514,603,768	0.4%	0.9%

WATER REVENUES. The Total Charter Customer water rate effective on May 1, 2019 is \$4.97 per 1,000 gallons, which is an \$0.03 increase from the prior fiscal year. The operation and maintenance component of the water rate is \$4.97 per 1,000 gallons and the fixed cost equivalent will remain at \$0.00 per 1,000 gallons. O&M revenues for fiscal year 2019-2020 are budgeted to increase based upon the projection of adding the Village of Bartlett and all other customers' water usage remaining unchanged from the numbers budgeted in the 2018-2019 fiscal year, as well as the water rate increase.

The Subsequent Customer Charges (Capital Cost Recovery Charge) represents accrued charges budgeted for customers that were added after the charter customers. The Subsequent Customer Charges are expected to increase significantly due to the Capital Cost Recovery Charge for the Village of Bartlett. Emergency Water Service charges includes actual water sold to Schaumburg, along with an annual fee.

SALES TAXES. No Sales tax revenues for the fiscal year 2019-2020 were budgeted due to the sun setting of the sales tax after June 1, 2016.

INVESTMENT & INTEREST INCOME. The average rate of return is budgeted conservatively to be 0.50% (benchmark) on all other Commission funds. The average amount invested is estimated to be \$138 million. A small amount of interest income will be collected with the Water Quality Loan payment from Carol Stream. Currently these payments are expected to continue through 2026. Interest income from the repayment of the Connection Facilities loan with Bartlett is expected to start being paid in fiscal year 2019-2020. Payments will begin on the earlier of the first month after the Village of Bartlett begins taking water or January 10, 2020. The loan will be repaid over 240 monthly payments

OTHER INCOME/CONTRIBUTIONS. No other income is budgeted.

DUPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2019 TO APRIL 30, 2020

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 17-18 ACTUAL	WATER FUND FY 18-19 BUDGET	WATER FUND FY 18-19 PROJECTED	WATER FUND FY 19-20 BUDGET	% CHANGE FY 18-19 BUDGET VS FY 18-19 PROJECTED	% CHANGE FY 18-19 BUDGET VS FY 19-20 BUDGET
01	500000							
	REVENUES							
01	510000							
	WATER REVENUES							
01	511000							
	O & M PAYMENTS		129,421,733	122,037,409	124,443,644	127,639,540	2.0%	4.6%
01	512000							
	FIXED COST PAYMENTS		0	0	0	0	N/A	N/A
01	513000							
	SUBSEQUENT CUSTOMER CHARGES		853,622	853,622	853,622	2,911,090	0.0%	241.0%
01	514000							
	EMERGENCY WATER SERVICE		35,466	20,240	20,000	20,625	-1.2%	1.9%
01	530010							
	SALES TAXES ASSIGNED TO WATER REVENUE		361,789	0	112,907	0	N/A	N/A
01	530030							
	SALES TAXES AVAILABLE FOR GENERAL USE		0	0	0	0	N/A	N/A
01	580000							
	INVESTMENT EARNINGS							
1	581000							
	INVESTMENT INCOME		(216,361)	656,750	800,000	690,000	21.8%	
01	582000							
	INTEREST INCOME		7,273	12,500	91,000	300,000	628.0%	2300.0%
01	590000							
	OTHER INCOME		35,631	0	119,000	0	N/A	N/A
	592000							
	CONTRIBUTIONS		0	0	0	0	N/A	
	TOTAL REVENUE		130,499,153	123,580,521	126,440,173	131,561,255	2.3%	6.5%

FIXED COST PAYMENT SCHEDULE. As required in the Charter Customer Water Purchase Contract, the schedule of fixed cost payments for the presently served Commission Customers is shown below. The costs are allocated based on historic water use for calendar years 2017 and 2018. However, fixed cost equivalent will remain at \$0.00 per 1,000 gallons.

DRAFT

DUPAGE WATER COMMISSION
 ESTIMATED CUSTOMER
 FIXED COST PAYMENT SCHEDULE
 MAY 1, 2019 TO APRIL 30, 2020

EXHIBIT 1

CUSTOMER	2017 & 2018	2017 & 2018	REQUIRED	FOR:	FOR:	FOR:	FOR:	FOR:	FOR:	FOR:	FOR:	FOR:	FOR:	FOR:	FOR:
	CALENDAR	CALENDAR	\$0	05/31/19	06/30/19	07/31/19	08/31/19	09/30/19	10/31/19	11/30/19	12/31/19	01/31/20	02/29/20	03/31/20	04/30/20
	YEARS USE	YEARS	AMOUNT TO BE	DUE:	DUE:	DUE:	DUE:	DUE:	DUE:	DUE:	DUE:	DUE:	DUE:	DUE:	DUE:
	(1000 GAL)	% USAGE	RATE FUNDED	07/10/19	08/10/19	09/10/19	10/10/19	11/10/19	12/10/19	01/10/20	02/10/20	03/10/20	04/10/20	05/10/20	06/10/20
			\$0												
ADDISON	2,177,817	4.1761%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
BENSENVILLE	1,131,824	2.1703%	0	0	0	0	0	0	0	0	0	0	0	0	0
BLOOMINGDALE	1,450,398	2.7812%	0	0	0	0	0	0	0	0	0	0	0	0	0
CAROL STREAM	2,611,484	5.0077%	0	0	0	0	0	0	0	0	0	0	0	0	0
CLARENDON HILLS	490,925	0.9414%	0	0	0	0	0	0	0	0	0	0	0	0	0
DARIEN	1,258,095	2.4125%	0	0	0	0	0	0	0	0	0	0	0	0	0
DOWNERS GROVE	3,512,877	6.7362%	0	0	0	0	0	0	0	0	0	0	0	0	0
ELMHURST	3,028,066	5.8065%	0	0	0	0	0	0	0	0	0	0	0	0	0
GLEN ELLYN	1,681,988	3.2253%	0	0	0	0	0	0	0	0	0	0	0	0	0
GLENDALE HTS	1,721,777	3.3016%	0	0	0	0	0	0	0	0	0	0	0	0	0
HINSDALE	1,771,126	3.3962%	0	0	0	0	0	0	0	0	0	0	0	0	0
ITASCA	852,024	1.6338%	0	0	0	0	0	0	0	0	0	0	0	0	0
LISLE	1,629,092	3.1239%	0	0	0	0	0	0	0	0	0	0	0	0	0
LOMBARD	2,682,563	5.1440%	0	0	0	0	0	0	0	0	0	0	0	0	0
NAPERVILLE	10,799,672	20.7090%	0	0	0	0	0	0	0	0	0	0	0	0	0
OAK BROOK	1,960,764	3.7599%	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSELLE	1,110,792	2.1300%	0	0	0	0	0	0	0	0	0	0	0	0	0
VILLA PARK	1,120,528	2.1487%	0	0	0	0	0	0	0	0	0	0	0	0	0
WESTMONT	1,638,213	3.1414%	0	0	0	0	0	0	0	0	0	0	0	0	0
WHEATON	3,219,501	6.1736%	0	0	0	0	0	0	0	0	0	0	0	0	0
WILLOWBROOK	679,308	1.3026%	0	0	0	0	0	0	0	0	0	0	0	0	0
WOOD DALE	765,692	1.4683%	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODRIDGE	1,857,583	3.5620%	0	0	0	0	0	0	0	0	0	0	0	0	0
WINFIELD	560,417	1.0746%	0	0	0	0	0	0	0	0	0	0	0	0	0
OAK BROOK TERRACE	175,965	0.3374%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-SERWF	680,390	1.3047%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-GLEN ELLYN HEIGHTS	157,918	0.3028%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-HOBSON	27,534	0.0528%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-STEEPLE RUN	91,300	0.1751%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-NORDIC PARK (1)	35,183	0.0675%	0	0	0	0	0	0	0	0	0	0	0	0	0
DPC-YORK CENTER	37,096	0.0711%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-ARROWHEAD	88,967	0.1706%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-VALLEY VIEW	326,443	0.6260%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-COUNTRY CLUB	54,793	0.1051%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-LMBRD HGHTS	34,225	0.0656%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-DP/LISLE	303,508	0.5820%	0	0	0	0	0	0	0	0	0	0	0	0	0
ARGONNE NATIONAL LAB	245,747	0.4712%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-LIBERTY RIDGE WEST	159,405	0.3057%	0	0	0	0	0	0	0	0	0	0	0	0	0
IAWC-LIBERTY RIDGE EAST	18,625	0.0357%	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL CUSTOMERS TOTAL	52,149,625	100.0000%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

(1) - NO ALLOCATION. WATER USAGE FOR 2016 & 2017 USED IN CALCULATION.

	FY 2019-20	FY 2018-19	FY 2017-18	FY 2016-17
ESTIMATED O & M RATE	\$4.97	\$4.94	\$4.88	\$4.80
ESTIMATED FIXED COST EQUIVALENT	\$0.00	\$0.00	\$0.00	\$0.00
ESTIMATED TOTAL RATE PER THOUSAND GALLONS	\$4.97	\$4.94	\$4.88	\$4.80

SALARIES AND WAGES. Commission employee wages are established and evaluated according to competitive rates paid by the Commission's customers and general labor market considerations. Salaries and wages are budgeted higher for fiscal year 2019-2020 based upon salary adjustments made in 2018 and to accommodate for future cost of living adjustments.

BENEFITS AND TAXES. The Commission participates in the Illinois Municipal Retirement Fund (IMRF) and budgeted for a contribution rate of 6% for 2019. Annually, IMRF calculates the amount of unfunded pension liability/asset for the prior calendar year and notifies the Commission after the budget has been approved. As of the December 31, 2017 actuarial valuation, the Commission's Net Pension Asset is approximately \$2.1 million. The Commission also budgeted an additional \$140,000 for charges related to the possibility of an employee retiring.

Group health and life insurance benefits are available for all full time employees. Group health and life insurance benefits are budgeted based on actual rates for December 1, 2018, with an estimated increase for the last five months of the budget year.

PROFESSIONAL DEVELOPMENT. Travel, training, tuition, and professional development are budgeted for courses and seminars.

OTHER PERSONNEL COSTS. These expenses are for employee recruitment and annual physical examinations required for normal operating procedures and confined space entry.

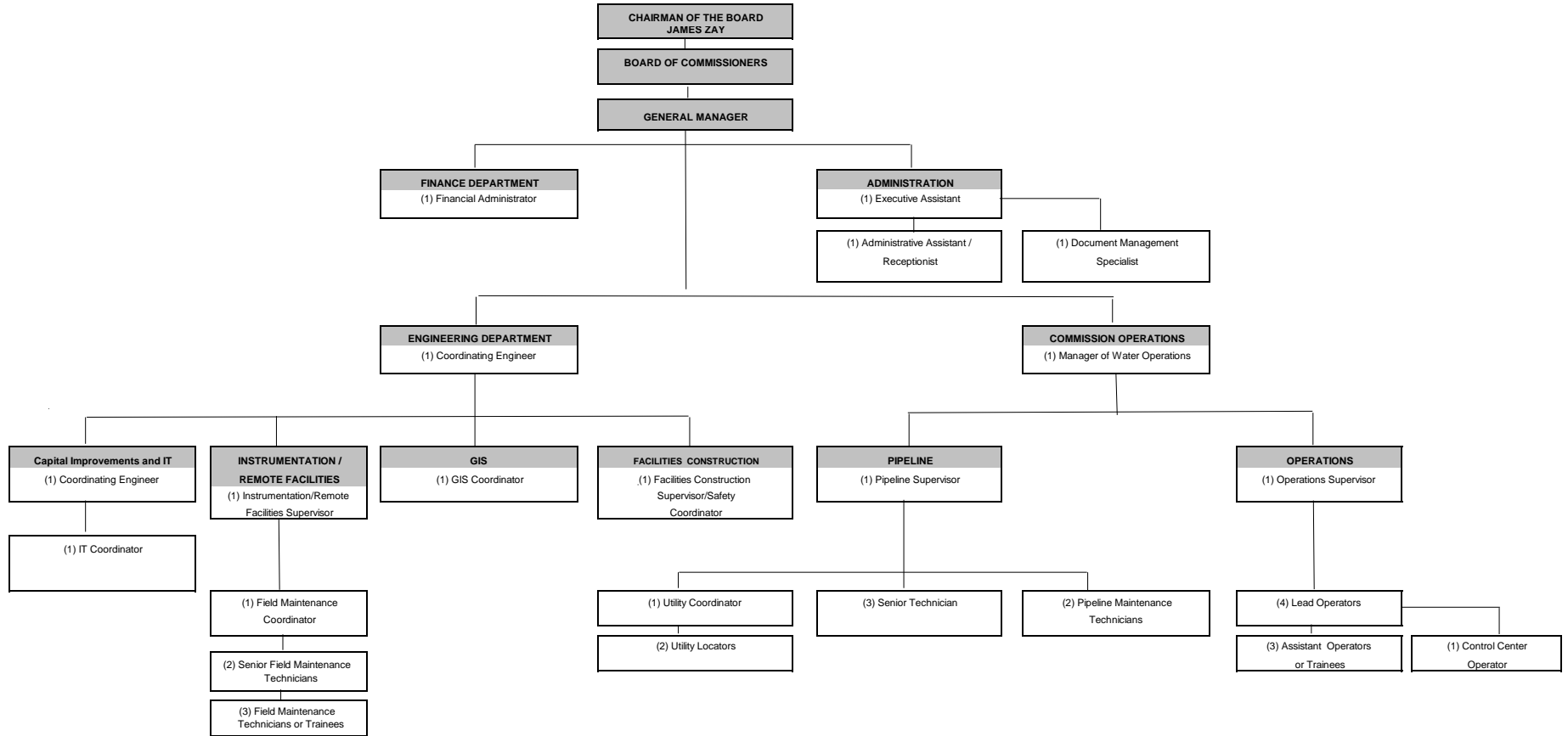
DUPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2019 TO APRIL 30, 2020

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 17-18 ACTUAL	WATER FUND FY 18-19 BUDGET	WATER FUND FY 18-19 PROJECTED	WATER FUND FY 19-20 BUDGET	% CHANGE FY 18-19 BUDGET VS FY 18-19 PROJECTED	% CHANGE FY 18-19 BUDGET VS FY 19-20 BUDGET
01 60 600000	OPERATING EXPENSES							
01 60 600100	REBATE/ALLOWANCE FOR BAD DEBT							
01 60 600100	ALLOWANCE FOR BAD DEBT/SETTLEMENT		0	0	0	0	N/A	N/A
	TOTAL REBATE/ALLOWANCE FOR BAD DEBT		0	0	0	0	N/A	N/A
01 60 610000	PERSONNEL SERVICES							
01 60 611000	SALARIES & WAGES							
01 60 611100	ADMINISTRATIVE-REGULAR		1,269,574	1,386,250	1,500,000	1,605,900	8.2%	15.8%
01 60 611200	OPERATIONS-REGULAR		1,509,855	1,697,844	1,867,628	1,949,300	10.0%	14.8%
01 60 611300	SUMMER INTERNS		8,024	40,000	40,000	40,000	0.0%	0.0%
01 60 611600	ADMINISTRATIVE - OVERTIME		2,171	7,400	2,300	7,400	-68.9%	0.0%
01 60 611700	OPERATIONS - OVERTIME		207,379	186,763	225,000	214,423	20.5%	14.8%
01 60 612000	BENEFITS AND TAXES							
01 60 612100	PENSION		168,416	335,461	290,000	369,021	-13.6%	10.0%
01 60 612200	MEDICAL/LIFE BENEFITS		689,901	817,320	750,000	831,570	-8.2%	1.7%
01 60 612300	FEDERAL PAYROLL TAXES		211,744	253,847	250,000	292,002	-1.5%	15.0%
01 60 612800	STATE UNEMPLOYMENT TAXES		4,642	13,780	5,000	13,780	-63.7%	0.0%
01 60 613000	PROFESSIONAL DEVELOPMENT							
01 60 613100	TRAVEL		7,311	10,800	9,500	10,800	-12.0%	0.0%
01 60 613200	TRAINING		7,464	38,150	27,000	37,650	-29.2%	-1.3%
01 60 613301	CONFERENCES		15,468	35,150	24,000	46,700	-31.7%	32.9%
01 60 613302	TUITION REIMBURSEMENT		0	0	0	25,000	N/A	N/A
01 60 619000	OTHER PERSONNEL COSTS							
01 60 619100	OTHER PERSONNEL COSTS		4,701	26,300	10,000	26,300	-62.0%	0.0%
	TOTAL PERSONAL SERVICES		4,106,650	4,849,064	5,000,428	5,469,847	3.1%	12.8%

PERSONNEL TABLE. The personnel service budget is based on the personnel structure in the table below. The total personnel budgeted for fiscal year 2019-2020 is 36. The additional position added to this year's budget would be the possibility of hiring an additional trainee position.

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**DuPAGE WATER COMMISSION
ORGANIZATIONAL CHART
FISCAL YEAR 2019-2020**



WATER CONSERVATION PROGRAM. The amount budgeted will continue the efforts of the program as planned.

FINANCIAL SERVICES. Investment fees and bank charges are for investment advisory services, and bank fees.

LEGAL SERVICES. The budgeted amount is for general counsel, which provides for the legal services from outside counsel. Special counsel, if needed, will provide legal services for non-routine matters.

AUDIT SERVICES. The audit service budget is for the annual audit for fiscal year ending April 30, 2019 to be conducted in fiscal year 2019-2020.

CONSULTING SERVICES. Major consulting costs in fiscal year 2019-2020 include engineering consultants (\$70,000), future unidentified and miscellaneous services (\$50,000), network consultant (\$40,000), and application development consultants (\$30,000).

CONTRACTUAL SERVICES. Major contractual services include comprehensive IT security (\$190,000), network support and monitoring (\$99,600), accounting services (\$66,000), landscape maintenance (\$35,000), custodial services (\$30,000), temporary personnel services (\$30,000), and generator service and PM (\$12,000).

DUPAGE WATER COMMISSION
 TENTATIVE DRAFT MANAGEMENT BUDGET
 MAY 1, 2019 TO APRIL 30, 2020

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 17-18 ACTUAL	WATER FUND FY 18-19 BUDGET	WATER FUND FY 18-19 PROJECTED	WATER FUND FY 19-20 BUDGET	% CHANGE FY 18-19 BUDGET VS FY 18-19 PROJECTED	% CHANGE FY 18-19 BUDGET VS FY 19-20 BUDGET
01 60 620000	PROFESSIONAL SERVICES							
01 60 621000	WATER CONSERVATION PROGRAM		17,620	11,000	8,500	11,000	-22.7%	0.0%
01 60 623000	FINANCIAL SERVICES							
01 60 623300	INVESTMENT FEES & BANK CHARGES		101,584	103,200	105,000	111,200	1.7%	7.8%
01 60 625000	LEGAL SERVICES							
01 60 625100	GENERAL COUNSEL		29,094	90,000	60,000	90,000	-33.3%	0.0%
01 60 625200	BOND COUNSEL		0	0	0	0	N/A	N/A
01 60 625300	SPECIAL COUNSEL		2,196	50,000	20,000	50,000	-60.0%	0.0%
01 60 625800	LEGAL NOTICES		13,251	37,500	20,000	37,500	-46.7%	0.0%
01 60 626000	AUDIT SERVICES		31,100	30,000	27,700	31,000	-7.7%	3.3%
01 60 628000	CONSULTING SERVICES		134,998	255,500	200,000	230,700	-21.7%	-9.7%
01 60 629000	CONTRACTUAL SERVICES		310,866	514,320	490,000	628,320	-4.7%	22.2%
	TOTAL PROFESSIONAL SERVICES		640,709	1,091,520	931,200	1,189,720	-14.7%	9.0%

CASUALTY INSURANCE. This covers the Commission against operating liabilities. The budget is based on known costs of current policies for the calendar year.

PROPERTY INSURANCE. This covers the Commission against damage to its physical plant. The budget is based on known costs of current policies for the calendar year.

OTHER COVERAGES. The Commission carries deductibles on its property insurance policies. The deductible per above ground incident is \$100,000. Below ground facilities carry a \$5,000 deductible per occurrence. Because it is impossible to know if an incident will occur and no known claims are currently outstanding, \$50,000 was budgeted to primarily cover any possible deductible amounts.

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DUPAGE WATER COMMISSION
 TENTATIVE DRAFT MANAGEMENT BUDGET
 MAY 1, 2019 TO APRIL 30, 2020

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 17-18 ACTUAL	WATER FUND FY 18-19 BUDGET	WATER FUND FY 18-19 PROJECTED	WATER FUND FY 19-20 BUDGET	% CHANGE FY 18-19 BUDGET VS FY 18-19 PROJECTED	% CHANGE FY 18-19 BUDGET VS FY 19-20 BUDGET
01 60 640000	INSURANCE							
01 60 641000	CASUALTY INSURANCE							
01 60 641100	GENERAL LIABILITY		43,975	53,500	44,000	54,000	-17.8%	0.9%
01 60 641200	PUBLIC OFFICIAL'S LIABILITY		19,550	22,300	19,600	22,300	-12.1%	0.0%
01 60 641500	WORKER'S COMPENSATION		94,732	105,000	105,000	110,000	0.0%	4.8%
01 60 641600	UMBRELLA COVERAGE		30,379	35,000	31,000	35,000	-11.4%	0.0%
01 60 642000	PROPERTY INSURANCE							
01 60 642100	PROPERTY		352,581	381,000	360,000	381,000	-5.5%	0.0%
01 60 642200	AUTOMOBILE INSURANCE		12,927	17,000	17,000	17,000	0.0%	0.0%
01 60 649000	OTHER COVERAGE							
01 60 649100	SELF INSURED CLAIMS		0	50,000	400,000	50,000	700.0%	0.0%
	TOTAL INSURANCE		554,144	663,800	976,600	669,300	47.1%	0.8%

OCCUPANCY COSTS. Amounts have been budgeted for natural gas service for the DuPage Pumping Station, diesel fuel for the backup generators, and communication systems charges.

ADMINISTRATION SUPPLIES. General supplies include office and computer supplies. Books and publications include the purchase of standard construction books used in determining rates for labor and equipment in conjunction with the Commission's quick response repair contracts.

PRINTING AND POSTAGE. Printing costs are for blue-line drawings used for construction in and around the Commission's pipeline. This item also includes the printing of letterhead and other business forms. Postage and delivery is for regular Commission mailings and delivery to various consultants working with the Commission.

PROFESSIONAL DUES. Professional dues include membership fees for various Water Associations, Alliance for Water Efficiency, Water Research Foundation, and other professional associations.

OFFICE EQUIPMENT REPAIRS. This item is for maintaining the Commission's office equipment and copy machines.

REPAIRS & MAINT – BLDGS & GRN. This item is for maintaining the Commission's buildings and grounds at the DuPage Pumping Station

COMPUTER SOFTWARE. This item is for all the Commission's software purchases and upgrades.

SOFTWARE MAINTENANCE. This item is for the Commission's non-SCADA software maintenance agreements.

OTHER ADMINISTRATIVE EXPENSES. This item includes funds for various meetings, security background checks and scanning services.

DUPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2019 TO APRIL 30, 2020

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 17-18 ACTUAL	WATER FUND FY 18-19 BUDGET	WATER FUND FY 18-19 PROJECTED	WATER FUND FY 19-20 BUDGET	% CHANGE	% CHANGE
							FY 18-19 VS FY 18-19 PROJECTED	FY 18-19 VS FY 19-20 BUDGET
01 60 650000	ADMINISTRATIVE COSTS							
01 60 651000	OCCUPANCY COSTS							
01 60 651200	GENERATOR DIESEL FUEL		32,539	112,500	90,000	112,500	-20.0%	0.0%
01 60 651300	NATURAL GAS		17,985	33,000	21,000	33,000	-36.4%	0.0%
01 60 651400	COMMUNICATION SYSTEMS		54,823	75,820	65,000	77,780	-14.3%	2.6%
01 60 652000	ADMINISTRATION SUPPLIES							
01 60 652100	OFFICE SUPPLIES		14,819	29,120	15,000	28,620	-48.5%	-1.7%
01 60 652200	BOOKS & PUBLICATIONS		1,123	4,396	3,000	4,371	-31.8%	-0.6%
01 60 653000	PRINTING & POSTAGE							
01 60 653100	PRINTING - GENERAL		789	8,650	1,500	5,650	-82.7%	-34.7%
01 60 653200	POSTAGE & DELIVERY		5,458	6,600	4,000	6,600	-39.4%	0.0%
01 60 654000	PROFESSIONAL DUES		13,794	22,605	20,000	24,105	-11.5%	6.6%
01 60 655000	OFFICE EQUIPMENT REPAIRS		5,525	13,620	7,000	13,620	-48.6%	0.0%
01 60 656000	REPAIRS & MAINT - BLDGS & GRN		194,708	219,000	219,000	213,000	0.0%	-2.7%
01 60 658000	COMPUTER SOFTWARE		9,299	27,300	24,000	25,200	-12.1%	-7.7%
01 60 659000	SOFTWARE MAINTENANCE		90,372	103,900	103,900	110,500	0.0%	6.4%
01 60 659100	OTHER ADMINISTRATIVE EXPENSE		6,992	13,900	6,000	11,100	-56.8%	-20.1%
	TOTAL ADMINISTRATIVE & MAINTENANCE COSTS		448,226	670,411	579,400	666,046	-13.6%	-0.7%

WATER SUPPLY. Water costs from the City of Chicago are budgeted on the assumption the Commission's water usage will be similar to amounts that were budgeted from the last fiscal year, plus additional purchases anticipated for the Village of Bartlett. The Commission estimates budgeted purchases to be 26.5 billion gallons of water at an average rate of \$3.98 per 1,000 gallons in fiscal year 2019-2020. The next water rate adjustment by the City of Chicago is scheduled to be on June 1, 2019, any upward adjustment is based on the lower of the rate of inflation for the 365-day period ending on the most recent January 1 of the Consumer Price Index or 5%. The Consumer Price Index for December 2017 increased approximately 0.82%; therefore, the Commission is budgeting for an increase in rates from Chicago. In addition, 80% of the electrical costs and 50% of the labor and repair costs for the Lexington Pump Station, as well as major maintenance items, are included in this line item. The budget for these expenses also includes electrical supply costs and other electrical costs for the elevated tanks and the metering stations, water quality chemicals, and testing.

PUMP STATION OPERATIONS. These expenses include the maintenance and repair of water pumps, reservoirs and the pump station building and purchase of spare parts. Costs of meter testing and instrumentation maintenance are included here. Major cost elements for fiscal year 2019-2020 are pump maintenance, electrical switchgear/breaker maintenance, and relay calibration.

PIPELINE MAINTENANCE. Repairs to the Commission's pipelines include work done under both the Quick Response contract and by the Commission staff. Major expenses in this category include estimated pipeline repairs (\$500,000) and manhole repairs and adjustments (\$75,000).

VEHICLES. Equipment repairs and maintenance includes the cost of gasoline, oil, and repairs to the Commission's vehicles.

DUPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2019 TO APRIL 30, 2020

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 17-18 ACTUAL	WATER FUND FY 18-19 BUDGET	WATER FUND FY 18-19 PROJECTED	WATER FUND FY 19-20 BUDGET	% CHANGE	% CHANGE
							FY 18-19 VS FY 18-19 PROJECTED	FY 18-19 VS FY 19-20 BUDGET
01 60 660000	DIRECT WATER DISTRIBUTION COSTS							
01 60 661000	WATER SUPPLY							
01 60 661101	WATER PURCHASES-CHICAGO		106,380,947	101,120,000	103,142,400	105,375,629	2.0%	4.2%
01 60 661102	ELECTRIC-CHICAGO		1,073,185	1,300,000	1,100,000	1,300,000	-15.4%	0.0%
01 60 661103	MAINTENANCE-CHICAGO		492,961	780,000	500,000	720,000	-35.9%	-7.7%
01 60 661104	MAJOR MAINTENANCE-CHICAGO		149,689	150,000	110,000	150,000	-26.7%	0.0%
01 60 661200	ELECTRIC - DuPAGE		1,571,126	1,800,000	1,600,000	1,900,000	-11.1%	5.6%
02 61 661202	METER STATION, ROV, TANK SITE		130,117	147,000	135,000	151,000	-8.2%	2.7%
01 60 661300	WATER CHEMICALS		5,550	26,700	10,000	49,200	-62.5%	84.3%
01 60 661400	WATER TESTING		24,706	24,750	24,750	33,750	0.0%	36.4%
01 60 662000	PUMP STATION OPERATIONS							
01 60 662100	PUMPING SERVICES		40,618	187,800	90,000	187,800	-52.1%	0.0%
01 60 662300	METER TESTING & REPAIR		9,256	18,300	13,000	16,500	-29.0%	-9.8%
01 60 662400	SCADA/INSTRUMENTATION		33,429	53,700	45,000	67,200	-16.2%	25.1%
01 60 662500	EQUIPMENT RENTAL		934	11,700	3,000	11,700	-74.4%	0.0%
01 60 662600	UNIFORMS		9,167	22,000	14,000	17,000	-36.4%	-22.7%
01 60 662700	SAFETY		46,178	189,870	120,000	104,020	-36.8%	-45.2%
01 60 663000	PIPELINE MAINTENANCE							
01 60 663100	PIPELINE REPAIRS		328,524	475,000	600,000	575,000	26.3%	21.1%
01 60 663200	CORROSION TESTING & MITIGATION		0	7,500	2,500	7,500	-66.7%	0.0%
01 60 663300	METER STATIONS, ROVS, STANDPIPES		82,329	119,600	100,000	119,600	-16.4%	0.0%
01 60 663400	PLAN REVIEW - PIPELINE CONFLICTS		66,657	91,500	80,000	80,500	-12.6%	-12.0%
01 60 663700	PIPELINE SUPPLIES		38,874	54,250	40,000	35,000	-26.3%	-35.5%
01 60 664000	MACHINERY & EQUIPMENT NON-CAP		1,297	58,850	35,000	18,850	-40.5%	-68.0%
01 60 664100	REPAIRS & MAINT - VEHICLES		21,075	39,500	25,000	39,500	-36.7%	0.0%
01 60 664200	FUEL- VEHICLES		21,043	37,200	23,000	37,200	-38.2%	0.0%
01 60 664300	LICENSES - VEHICLES		1,377	2,150	1,600	2,150	-25.6%	0.0%
TOTAL DIRECT WATER DISTRIBUTION COSTS			110,529,039	106,717,370	107,814,250	110,999,099	1.0%	4.0%

BOND INTEREST COSTS. Currently the Commission has no debt outstanding; therefore, no interest expenses are budgeted in fiscal year 2019-2020.

LAND AND RIGHT-OF-WAY. The amount budgeted for leases include Cook County and Illinois State Toll Highway Authority leases for pipeline crossings

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DUPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2019 TO APRIL 30, 2020

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 17-18 ACTUAL	WATER FUND FY 18-19 BUDGET	WATER FUND FY 18-19 PROJECTED	WATER FUND FY 19-20 BUDGET	% CHANGE FY 18-19 BUDGET VS FY 18-19 PROJECTED	% CHANGE FY 18-19 BUDGET VS FY 19-20 BUDGET
01 60 672000	BOND INTEREST							
01 60 672200	BOND INTEREST - REV BONDS		0	0	0	0	N/A	N/A
01 60 672300	NOTE INTEREST - CERTIFICATES OF DEBT		0	0	0	0	N/A	N/A
01 60 672400	CAPITAL LEASE INTEREST		0	0	0	0	N/A	N/A
	TOTAL INTEREST EXPENSES		0	0	0	0	N/A	N/A
01 60 680000	LAND AND RIGHT-OF-WAY							
	LAND AND RIGHT-OF-WAY							
01 60 681000	LEASES		0	1,000	500	1,000	-50.0%	0.0%
01 60 682000	PERMITS & FEES		5,359	14,450	6,000	14,450	-58.5%	0.0%
	TOTAL LAND AND RIGHT-OF-WAY		5,359	15,450	6,500	15,450	-57.9%	0.0%

EQUIPMENT PURCHASES. Equipment purchases in the fiscal year 2019-2020 include Tank Mixer (\$30,000) and Pipe Inspection Camera (\$5,000). The purpose of budgeting in this manner is to allow control over the purchase of equipment, as well as to plan for depreciation to conform to accounting principles in the annual audit report. The capitalized equipment budget item is for year-end audit compliance.

VEHICLE PURCHASES. The Commission is expecting to purchase one new all-terrain vehicle in fiscal year 2019-2020. The trucks will replace vehicles that are due for replacement based on policy. The capitalized equipment budget item is for year-end audit compliance.

WATER MAIN, BUILDING, AND PUMPING EQUIPMENT DEPRECIATION. The Commission recognizes depreciation on its water mains, buildings, and pumping equipment. Buildings are being depreciated over a 40-year period. Pipelines are estimated to last 80 years. Pumping equipment has a 30-year life.

EQUIPMENT DEPRECIATION. Equipment is being depreciated over a period of 3 – 25 years.

VEHICLE DEPRECIATION. Vehicles are being depreciated over 5 years.

DUPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2019 TO APRIL 30, 2020

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 17-18 ACTUAL	WATER FUND FY 18-19 BUDGET	WATER FUND FY 18-19 PROJECTED	WATER FUND FY 19-20 BUDGET	% CHANGE	% CHANGE
							FY 18-19 VS FY 18-19 PROJECTED	FY 18-19 VS FY 19-20 BUDGET
01 60 690000	CAPITAL EQUIPMENT/DEPRECIATION							
	EQUIPMENT PURCHASES							
01 60 685100	COMPUTER		11,763	36,600	36,600	60,800	0.0%	66.1%
01 60 685200	OFFICE FURNITURE & EQUIPMENT		0	0	0	0	N/A	N/A
01 60 685600	MACHINERY & EQUIPMENT		0	90,000	85,000	35,000	-5.6%	-61.1%
01 60 685800	CAPITALIZED EQUIPMENT PURCHASES		0	(90,000)	(85,000)	(35,000)	-5.6%	-61.1%
	VEHICLE PURCHASES							
01 60 686000	VEHICLES		37,260	110,000	95,000	35,000	-13.6%	-68.2%
01 60 686800	CAPITALIZED VEHICLES PURCHASES		(37,260)	(110,000)	(95,000)	(35,000)	-13.6%	-68.2%
01 60 692000	DEPRECIATION - WATER MAINS		4,549,886	4,649,000	4,600,000	4,950,000	-1.1%	6.5%
01 60 693000	DEPRECIATION - BUILDINGS		2,665,851	2,855,000	2,700,000	3,000,000	-5.4%	5.1%
01 60 694000	DEPRECIATION - PUMPING EQUIPMENT		1,433,841	1,744,000	1,600,000	1,744,000	-8.3%	0.0%
01 60 695200	DEPRECIATION - OFFICE FURNITURE		80,868	99,000	83,000	90,000	-16.2%	-9.1%
01 60 696000	DEPRECIATION - VEHICLE		20,549	71,000	66,000	100,000	-7.0%	40.8%
	TOTAL CAPITAL EQUIPMENT/DEPRECIATION		8,762,758	9,454,600	9,085,600	9,944,800	-3.9%	5.2%
	TOTAL OPERATING EXPENSES		125,046,885	123,462,215	124,393,978	128,954,262	0.8%	4.4%

CONSTRUCCION EXPENDITURES. The capital projects budgeted for fiscal year 2019-2020.

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DUPAGE WATER COMMISSION
TENTATIVE DRAFT MANAGEMENT BUDGET
MAY 1, 2019 TO APRIL 30, 2020

ACCT #	ACCOUNT TITLE	TOTAL FROM	WATER FUND FY 17-18 ACTUAL	WATER FUND FY 18-19 BUDGET	WATER FUND FY 18-19 PROJECTED	WATER FUND FY 19-20 BUDGET	% CHANGE	% CHANGE
							FY 18-19 VS FY 18-19 PROJECTED	FY 18-19 VS FY 19-20 BUDGET
01 60 700000	CONSTRUCTION EXPENDITURES							
01 60 711000	METERING STATIONS		0	1,350,000	1,200,000	300,000	-11.1%	-77.8%
01 60 711500	BARTLETT CONNECTION FACILITIES		3,044,755	15,000,000	15,000,000	1,000,000	0.0%	-93.3%
01 60 722100	ADDITION OF PUMP		694	1,000,000	100,000	250,000	-90.0%	-75.0%
01 60 722200	DPS BUILDINGS REHAB & MAINTENANCE		0	1,817,800	100,000	1,817,000	-94.5%	0.0%
01 60 722300	GENERATION BUILDING REHAB & MAINTENANCE		0	50,000	10,000	105,000	-80.0%	110.0%
01 60 741000	REMOTE FACILITIES REHAB & MAINTENANCE		0	90,000	125,000	150,000	38.9%	66.7%
01 60 722300	TRANSMISSION MAINS		0	100,000	0	1,250,000	-100.0%	1150.0%
01 60 761000	STANDPIPE IMPROVEMENTS		0	300,000	130,000	787,500	-56.7%	162.5%
01 60 770401	RADIO SYSTEM REPLACEMENT		0	187,000	187,000	0	0.0%	-100.0%
01 60 770700	STANDPIPE PAINTING		1,460,431	0	0	0	N/A	N/A
01 60 770800	STANDPIPE MIXING		4,665	0	0	0	N/A	N/A
01 60 771000	VALVE REHAB & REPLACEMENT		29,502	0	0	150,000	N/A	N/A
01 60 771100	METER REPLACEMENT		1,803,690	300,000	175,000	0	-41.7%	-100.0%
01 60 771200	CONDITION ASSESSMENT		333,013	750,000	600,000	750,000	-20.0%	0.0%
01 60 771600	VAR BLDG - WALL & MASONRY REHAB		0	1,050,000	100,000	1,200,000	-90.5%	14.3%
01 60 771700	REPLACEMENT OF SCADA SYSTEM		3,675	6,750,000	200,000	5,750,000	-97.0%	-14.8%
01 60 771900	HIGHLIFT PUMP REHAB		0	250,000	280,000	250,000	12.0%	0.0%
01 60 772000	SECURITY SYSTEM UPGRADES		19,329	180,000	180,000	180,000	0.0%	0.0%
01 60 772100	METER STATION REHAB		0	925,000	154,000	400,000	-83.4%	-56.8%
01 60 798000	CAPITALIZED FIXED ASSETS		(6,699,754)	(30,099,800)	(18,541,000)	(14,339,500)	-38.4%	-52.4%
	TOTAL CONSTRUCTION EXPENDITURES		0	0	0	0	N/A	N/A



**DuPage Water Commission
Fiscal Year 2019-2020
Tentative Draft Management Budget
May 1, 2019 to April 30, 2020**

(with detailed account line items)

March 1, 2019

BUDGET REPORT
2019-2020 Budget Year
01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-511100	O&M PAYMENTS- GOVERNMENTAL				124,576,191.04
	May 2019 - April 2020 \$4.97	97.6	25065632	124,576,191.04	
01-511200	O&M PAYMENTS- PRIVATE				3,063,348.96
	May 2019 - April 2020 \$4.97	2.4	616368	3,063,348.96	
01-512100	FIXED COST PAYMENTS- GOVT				0.00
	Funded by Sales Tax			0.00	
01-512200	FIXED COST PAYMENTS-PRIVATE				0.00
	Funded by Sales Tax			0.00	
01-513100	SUBSEQUENT CUSTOMER - GOVT				2,401,625.21
	Winfield			100,409.00	
	Oakbrook Terrace			31,708.00	
	Du Page County			212,040.00	
	Bartlett			2,057,468.21	
01-513200	SUBSEQUENT CUSTOMER - PRIVATE				509,465.00
	IAWC			346,892.00	
	Argonne Labs			162,573.00	
01-514100	EMERGENCY WATER SERVICE- GOVT				20,625.00
	Annual Fee	1	8,200.00	8,200.00	
	Water Use	2500	4.97	12,425.00	
01-514200	EMERGENCY WATER SERVICE				0.00
01-520000	PROPERTY TAX				0.00
01-530000	SALES TAX				
01-530010	SALES TAXES - WATER REVENUE				0.00
	All receipts until budget met			-	
01-530030	WATER FUND - GENERAL				0.00
	Remaining Receipts until FYE			-	
01-540000	RENTAL INCOME				0.00
01-581000	INVESTMENT INCOME				690,000.00
01-582000	INTEREST INCOME				300,000.00
01-590000	OTHER INCOME				0.00
01-590100	SALE OF EQUIPMENT				0.00
01-592000	CONTRIBUTIONS				0.00
PAGE TOTAL					131,561,255.21
TOTAL REVENUES					131,561,255.21 (Credit)

BUDGET REPORT
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01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-611100	ADMIN SALARIES				1,605,900.00
	Administration	1	1,580,500.00	1,580,500.00	
	Treasurer	12	1,666.67	20,000.00	
	Commissioner	9	600.00	5,400.00	
01-60-611200	OPERATIONS SALARIES				1,949,300.00
	Operations Department	1	689,300.00	689,300.00	
	Pipeline Department	1	714,200.00	714,200.00	
	Instrum/Remote Fac Dept	1	545,800.00	545,800.00	
01-60-611300	SUMMER INTERNS				40,000.00
	Interns	4	10,000.00	40,000.00	
01-60-611600	ADMIN OVERTIME				7,400.00
	less than 1% of Admin Employees	1	7,400.00	7,400.00	
01-60-611700	OPERATIONS OVERTIME				214,423.00
	11% of Oper Payroll	1	214,423.00	214,423.00	
01-60-612100	PENSION				369,021.38
	2019 IMRF Rate Estimate 6.0%			229,021.38	
	Retiree Costs			140,000.00	
01-60-612200	MEDICAL/LIFE BENEFITS				831,570.00
	Blue Cross Blue Shield	7	59,000.00	413,000.00	
	15% Increase for 2020	5	67,850.00	339,250.00	
	Metlife Dental/Vision	7	5,500.00	38,500.00	
	15% Increase for 2020	5	6,325.00	31,625.00	
	Principle Life & ADD	7	1,500.00	10,500.00	
	10% Increase for 2020	5	1,650.00	8,250.00	
	Healthiest You	12	350.00	4,200.00	
	Envision Healthcare	12	60.00	720.00	
	Employee Contribution 20%			(164,475.00)	
	Employer H.S.A Contribution	1	150,000.00	150,000.00	
01-60-612300	FEDERAL PAYROLL TAXES				292,002.26
	Social Security			236,655.43	
	Medicare			55,346.83	
01-60-612800	STATE UNEMPLOYMENT				13,780.00
	Illinois Estimated 2.65% for 2019			13,780.00	
01-60-613100	TRAVEL				10,800.00
	GM Auto Allowance	12	500.00	6,000.00	
	ISTHA Tolls	12	300.00	3,600.00	
	Parking	12	50.00	600.00	
	Non Commission Vehicles			600.00	

PAGE TOTAL

5,334,196.64

BUDGET REPORT
2019-2020 Budget Year
01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-613200	TRAINING				37,650.00
	Instrumentation Classes	6	250.00	1,500.00	
	Admin Training	10	350.00	3,500.00	
	O&M Classes	12	250.00	3,000.00	
	Infor Training	2	5,000.00	10,000.00	
	Mgr/Supv Training	5	1,000.00	5,000.00	
	Sharepoint	1	1,800.00	1,800.00	
	Electrical/GIS Training	3	1,500.00	4,500.00	
	Hach Lab Training	1	2,000.00	2,000.00	
	Incode Training	1	2,000.00	2,000.00	
	Operator/Pipeline Training	4	500.00	2,000.00	
	Webinars	3	250.00	750.00	
	Underground Storage Tank	2	800.00	1,600.00	
01-60-613301	CONFERENCES				46,700.00
	AMWA Conference	1	3,000.00	3,000.00	
	AWWA ACE (Denver)	3	3,000.00	9,000.00	
	Misc Conference	3	2,500.00	7,500.00	
	ILGISA Conference	2	300.00	600.00	
	ISAWWA Annual Mtg	6	1,200.00	7,200.00	
	IRTHNET User Conference	2	1,850.00	3,700.00	
	Facilities Management	1	2,000.00	2,000.00	
	National Safety Conference	2	3,300.00	6,600.00	
	ILGFOA Conference	1	1,500.00	1,500.00	
	IPSI Conference	4	1,400.00	5,600.00	
01-60-613302	TUITION REIMBURSEMENT				25,000.00
	Tuition Reimbursement	5	5,000.00	25,000.00	
01-60-619100	OTHER PERSONNEL COSTS				26,300.00
	Annual Physicals	30	300.00	9,000.00	
	Pre-employment Physicals	3	400.00	1,200.00	
	Employment Ads	3	2,500.00	7,500.00	
	Background Checking	10	500.00	5,000.00	
	Employee Assistance	12	150.00	1,800.00	
	Security at Commission Mtg	12	150.00	1,800.00	
01-60-621000	WATER CONSERVATION PROGRAM				11,000.00
	Resources	1	10,000.00	10,000.00	
	Consulting	1	1,000.00	1,000.00	
01-60-623200	BOND ISSUE ADVISORY SERVICES				0.00
01-60-623300	INVESTMENT FEES & BANK CHARGE				111,200.00
	Investment Fees	1	110,000.00	110,000.00	
	Banking Fees	12	100.00	1,200.00	
PAGE TOTAL					257,850.00

BUDGET REPORT
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01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-625100	LEGAL SERVICES- GENERAL				90,000.00
	General	1	65,000.00	65,000.00	
	Litigation	1	25,000.00	25,000.00	
01-60-625200	BOND COUNSEL				0.00
	Certificate of Debt	1	0.00	0.00	
01-60-625300	LEGAL SERVICES- SPECIAL				50,000.00
	As Required	1	50,000.00	50,000.00	
01-60-625800	LEGAL NOTICES				37,500.00
	Admin Legal Notices	1	8,500.00	8,500.00	
	Project Legal Notices	10	1,200.00	12,000.00	
	Operations Legal Notices	4	2,000.00	8,000.00	
	Treasurers Report	1	8,000.00	8,000.00	
	HR Notices	2	500.00	1,000.00	
01-60-625900	OTHER LEGAL SERVICES				0.00
01-60-626000	AUDIT SERVICES				31,000.00
	Audit FY 2019	1	31,000.00	31,000.00	
01-60-628000	CONSULTING SERVICES				230,700.00
	Network Consultants	1	40,000.00	40,000.00	
	Incode Finance Programming	1	5,000.00	5,000.00	
	Unidentified Services	1	50,000.00	50,000.00	
	Application Develop.	1	30,000.00	30,000.00	
	Electrical Supply Consult	1	5,000.00	5,000.00	
	Stand Operating Procedures	1	3,000.00	3,000.00	
	Document Management	1	5,000.00	5,000.00	
	Engineering Consult	1	70,000.00	70,000.00	
	HR Consultants	1	20,000.00	20,000.00	
	Actuarial Consultant	1	2,700.00	2,700.00	
01-60-629000	CONTRACTUAL SERVICES				628,320.00
	Accounting Service	12	5,500.00	66,000.00	
	Annual UPS Maintenance	1	12,000.00	12,000.00	
	IRTHNET Service / Storage	1	20,200.00	20,200.00	
	Custodial Service	12	2,500.00	30,000.00	
	Landscaping Services	7	5,000.00	35,000.00	
	Landscape Conversion	1	13,000.00	13,000.00	
	Window Cleaning Service	12	1,000.00	12,000.00	
	Elevator Service Contract	12	200.00	2,400.00	
	Fire Alarm Panel Service	12	1,300.00	15,600.00	
	Exterminator Service	12	200.00	2,400.00	
	Refuse Service	12	700.00	8,400.00	
	Floor Mat Service	12	600.00	7,200.00	
	Server Hardware Agreement	1	6,500.00	6,500.00	
	Temporary Personnel Services	1	30,000.00	30,000.00	

PAGE TOTAL

1,067,520.00

BUDGET REPORT
2019-2020 Budget Year
01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-629000	CONTRACTUAL SERVICES (CONT.)				
	Network Support/Monitoring	12	8,300.00	99,600.00	
	HVAC Service and Controls Contract	1	15,000.00	15,000.00	
	Overhead Door Service Contract	1	7,000.00	7,000.00	
	dpwc.org Web Hosting	12	60.00	720.00	
	Annual Freq Protection	1	500.00	500.00	
	HSQ Maintenance Contract	1	12,000.00	12,000.00	
	Cloud Backup Service	1	0.00	0.00	
	Hach Maintenance	1	7,500.00	7,500.00	
	Terrazzo Floor Maintenance	1	10,000.00	10,000.00	
	Generator Service and PM	12	1,000.00	12,000.00	
	Email Threat Protection	1	4,500.00	4,500.00	
	GPS Vehicle Tracking	12	400.00	4,800.00	
	Rating Agency Annual Fees	1	4,000.00	4,000.00	
	Comprehensive IT Security	1	190,000.00	190,000.00	
01-60-641100	GENERAL LIABILITY INSURANCE				54,000.00
	General Liability	1	35,000.00	35,000.00	
	UST	1	2,000.00	2,000.00	
	Crime	1	5,000.00	5,000.00	
	Pollution (1/3 of Premium)	1	12,000.00	12,000.00	
01-60-641200	PUBLIC OFFICIAL LIABILITY				22,300.00
	Treasurer's Bond	1	5,300.00	5,300.00	
	General Manager's Bond	1	15,000.00	15,000.00	
	Commissioners' Bond	1	2,000.00	2,000.00	
01-60-641500	WORKER'S COMPENSATION				110,000.00
	Illinois Public Risk Fund	1	110,000.00	110,000.00	
01-60-641600	EXCESS LIABILITY COVERAGE				35,000.00
	Umbrella	1	35,000.00	35,000.00	
01-60-642100	PROPERTY INSURANCE				381,000.00
	Property	1	345,000.00	345,000.00	
	Insurance Fees	1	36,000.00	36,000.00	
01-60-642200	AUTOMOBILE INSURANCE				17,000.00
	Auto Insurance	1	17,000.00	17,000.00	
01-60-649100	SELF INSURANCE PROPERTY				50,000.00
	Above & Below Ground 1 Incident	1	50,000.00	50,000.00	
01-60-651200	GENERATOR DIESEL FUEL				112,500.00
	Diesel Fuel	25,000	4.50	112,500.00	
01-60-651300	NATURAL GAS				33,000.00
	Natural Gas Service	1	33,000.00	33,000.00	
01-60-651401	TELEPHONE				33,120.00
	MIS - IP Flex	12	700.00	8,400.00	
	POTS Lines	12	500.00	6,000.00	
PAGE TOTAL					847,920.00

BUDGET REPORT
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01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-651401	TELEPHONE (CONT.)				
	ComCast Internet	12	360.00	4,320.00	
	IP Flex Call Plan C	12	250.00	3,000.00	
	Ipad Internet Services	12	750.00	9,000.00	
	U-Verse Internet	12	200.00	2,400.00	
01-60-651402	CELL PHONE & CORR. TELEMETRY				31,300.00
	Cellular Service	12	2,000.00	24,000.00	
	Cellular RTU Charge	12	150.00	1,800.00	
	Phones and supplies	1	3,000.00	3,000.00	
	Beacon Endpoint Annual Cellular	1	2,500.00	2,500.00	
01-60-651403	RADIOS				9,360.00
	STARCOM21	12	780.00	9,360.00	
01-60-651404	REPAIRS & EQUIPMENT				4,000.00
	Cellular Repair	1	1,000.00	1,000.00	
	Vehicle Radio Removal/Replacement	1	800.00	800.00	
	Radio Maintenance	12	100.00	1,200.00	
	450 MHZ Radio Replacements	2	500.00	1,000.00	
01-60-652100	OFFICE SUPPLIES				28,620.00
	General Office Supplies	12	2,210.00	26,520.00	
	Print supplies	1	600.00	600.00	
	Check Stock	1	500.00	500.00	
	Printer & Plotter Paper	1	1,000.00	1,000.00	
01-60-652200	BOOKS & PUBLICATIONS				4,371.00
	Blue Book Subscription	1	1,650.00	1,650.00	
	Training References	2	1,000.00	2,000.00	
	Standards & References	1	250.00	250.00	
	Eng News Record	1	90.00	90.00	
	Best's Key Rating Guide	1	165.00	165.00	
	Rothstein OSHA Law	1	116.00	116.00	
	GIS Books	1	100.00	100.00	
01-60-653100	PRINTING- GENERAL				5,650.00
	Large Print Jobs	1	750.00	750.00	
	Photos	1	500.00	500.00	
	Letterhead	1	800.00	800.00	
	Forms	1	200.00	200.00	
	Business Cards	4	100.00	400.00	
	Construction Plan Printing	1	1,000.00	1,000.00	
	Printing & Mounting	1	2,000.00	2,000.00	

PAGE TOTAL

83,301.00

BUDGET REPORT
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01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-653200	POSTAGE & DELIVERY				6,600.00
	US Postal Service	12	200.00	2,400.00	
	Overnight Service Board	12	100.00	1,200.00	
	Overnight Delivery Misc	10	300.00	3,000.00	
01-60-654000	PROFESSIONAL DUES				24,105.00
	NACE Dues (2 yrs)	4	250.00	1,000.00	
	Operators License	12	40.00	480.00	
	ISA Membership Dues	2	250.00	500.00	
	GFOA Dues	1	250.00	250.00	
	IL GFOA Dues	1	500.00	500.00	
	AWWA & AMWA Commission Dues	1	15,000.00	15,000.00	
	AWWA Research Fund	1	2,500.00	2,500.00	
	Mid Central Water Works	2	125.00	250.00	
	ILGISA Membership Dues	1	100.00	100.00	
	Alliance for Water Efficiency	1	3,200.00	3,200.00	
	Membership IFMA	1	325.00	325.00	
01-60-655000	REPAIRS & MAINT- OFFICE EQUIP				13,620.00
	Copier Maint	12	500.00	6,000.00	
	Copier Usage	12	350.00	4,200.00	
	Postage Meter Rental	4	630.00	2,520.00	
	Postage Meter Repairs	1	900.00	900.00	
01-60-656000	REPAIRS & MAINT- BLDGS & GRNDS				213,000.00
	Custodial Supplies	12	800.00	9,600.00	
	Fire Alarm Monitor Service	1	1,500.00	1,500.00	
	Police & Fire Protection	1	61,000.00	61,000.00	
	City Elevator Inspection	2	500.00	1,000.00	
	Building Supplies	12	1,500.00	18,000.00	
	HVAC Systems & Modifications	1	10,000.00	10,000.00	
	Rock Salt & Icemelt	1	11,000.00	11,000.00	
	Fire Ext Recharge	1	2,000.00	2,000.00	
	Quick Response Electrical Work	1	40,000.00	40,000.00	
	Security Syst Maintenance	1	20,000.00	20,000.00	
	Forklift Truck Repair	2	1,200.00	2,400.00	
	Elevator Repairs	2	2,500.00	5,000.00	
	Underground Storage Testing	1	2,500.00	2,500.00	
	Battery Repair & Service	4	500.00	2,000.00	
	Generator Repairs	1	10,000.00	10,000.00	

PAGE TOTAL

257,325.00

BUDGET REPORT
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01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-656000	REPAIRS & MAINT- BLDGS & GRNDS (CONT.)				
	Aerial Lift Service	1	2,000.00	2,000.00	
	Chillers	1	10,000.00	10,000.00	
	Crane Inspections & Repairs	1	5,000.00	5,000.00	
01-60-658000	COMPUTER SOFTWARE				25,200.00
	Network Upgrades	1	20,000.00	20,000.00	
	Misc. GIS software	1	200.00	200.00	
	Document Management System	1	0.00	0.00	
	Misc Software Programs	1	5,000.00	5,000.00	
01-60-659000	COMPUTER/SOFTWARE MAINTENANCE				110,500.00
	ESRI Software Maint	1	10,100.00	10,100.00	
	Infor 7i Software Maint	1	52,500.00	52,500.00	
	Incode Software	1	15,000.00	15,000.00	
	AUTOCAD License	1	1,100.00	1,100.00	
	Maplogic Layout Manager	1	250.00	250.00	
	Google SketchUp Pro	1	150.00	150.00	
	Google Earth Pro	1	400.00	400.00	
	Misc Hardware and Repairs	1	4,000.00	4,000.00	
	Software License Renewals	1	17,000.00	17,000.00	
	Office 365 Government	1	10,000.00	10,000.00	
01-60-659100	OTHER ADMINISTRATIVE EXPENSE				11,100.00
	Misc Meeting Expenses	1	3,000.00	3,000.00	
	Retirement Plaques	4	200.00	800.00	
	Scanning Service	1	4,000.00	4,000.00	
	HR Plus Background Checks (Contractors)	6	500.00	3,000.00	
	Notary Public Renewals	3	100.00	300.00	
01-60-661101	WATER BILLING				105,375,628.87
	Water Purchase (May-April) \$3.98		26,476,289	105,375,628.87	
01-60-661102	ELECTRICITY				1,300,000.00
	LPS Electrical Charges	1	1,300,000.00	1,300,000.00	

BUDGET REPORT
2019-2020 Budget Year
01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-661103	OPERATIONS & MAINTENANCE				720,000.00
	LPS 50% O&M Charges	12	60,000.00	720,000.00	
01-60-661104	MAJOR MAINTENANCE				150,000.00
	HVAC Upgrade	1	100,000.00	100,000.00	
	Generator Maintenance	1	50,000.00	50,000.00	
01-60-661105	MAJOR MAINTENANCE BILLED				0.00
01-60-661200	ELECTRIC- DuPAGE				0.00
01-60-661201	PUMP STATION				1,900,000.00
	DPS Electrical Charges	1	1,900,000.00	1,900,000.00	
01-60-661202	METER STATION, ROV, TANK SITE				151,000.00
	COMED Accts	1	140,000.00	140,000.00	
	Naper Accts	1	11,000.00	11,000.00	
01-60-661300	WATER CHEMICALS				49,200.00
	Sodium Hypochlorite	12	3,750.00	45,000.00	
	De-Chlor Chemicals	6	700.00	4,200.00	
01-60-661400	WATER TESTING				33,750.00
	Analyzers, Supplies & Equipment	1	20,000.00	20,000.00	
	IEPA Lab Testing Program	1	2,750.00	2,750.00	
	Suburban Lab (Misc)	1	4,000.00	4,000.00	
	HACH Field Analyzers & Supplies	1	7,000.00	7,000.00	
01-60-661403	WATER TESTING - COR CONTROL				0.00
01-60-662000	PUMP STATION - OPERATING				
01-60-662100	PUMPING SERVICES				187,800.00
	Highlift Pump Repair	1	80,000.00	80,000.00	
	Small Tools / Equipment	12	600.00	7,200.00	
	Electrical Switchgear	1	5,000.00	5,000.00	
	Valves & Actuators	12	300.00	3,600.00	
	Compressor Repair	3	1,500.00	4,500.00	
	Electrical Supplies	12	450.00	5,400.00	
	Pumps Footing/Sump	12	400.00	4,800.00	
	Oil/Lubricants	12	300.00	3,600.00	
	Chlorine Feed Sys Repair	2	2,500.00	5,000.00	
	Backflow Preventor Service	1	5,000.00	5,000.00	
	Thermoscaning Service	1	3,500.00	3,500.00	
	Spare Motors	12	200.00	2,400.00	
	Compressed gases	12	75.00	900.00	
	Waste Oil Disposal	2	250.00	500.00	
	Pump Vibration Testing	1	5,000.00	5,000.00	
	Breaker Maintenance	1	30,000.00	30,000.00	
	Relay Calibration	1	10,000.00	10,000.00	
	Mechanical Seals	1	5,000.00	5,000.00	
	Multilin Replacement	4	1,600.00	6,400.00	

PAGE TOTAL

3,191,750.00

BUDGET REPORT
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01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-662300	METER TESTING & REPAIRS				16,500.00
	Test Bench Repairs	1	8,000.00	8,000.00	
	Meter Parts	1	5,000.00	5,000.00	
	Annual Scale Calibration	1	3,000.00	3,000.00	
	Compound Meter Testing	1	500.00	500.00	
01-60-662400	SCADA / INSTRUMENTATION				67,200.00
	SCADA Antenna Maintenance	1	2,500.00	2,500.00	
	Backup Telemetry Repairs	1	1,000.00	1,000.00	
	Instrumentation	1	16,000.00	16,000.00	
	Repair Circuit Boards	1	3,000.00	3,000.00	
	Annual Test Equipment Cal	1	4,000.00	4,000.00	
	SCADA Radio Repairs	1	2,000.00	2,000.00	
	Scada Backhaul	12	2,100.00	25,200.00	
	Turbidimeters	3	4,500.00	13,500.00	
01-60-662500	EQUIPMENT RENTAL				11,700.00
	Tools & Equipment	1	5,000.00	5,000.00	
	Manlift & Misc Tools	1	1,000.00	1,000.00	
	Traffic Lane Closure Setup	6	950.00	5,700.00	
01-60-662600	UNIFORMS				17,000.00
	Uniform Replacements	1	10,000.00	10,000.00	
	Work Boot	1	7,000.00	7,000.00	
01-60-662700	SAFETY				104,020.00
	Contract Training	1	28,920.00	28,920.00	
	Equipment/Supplies	1	11,000.00	11,000.00	
	Consultant Services	1	45,000.00	45,000.00	
	NSC Dues and Subscriptions	1	2,900.00	2,900.00	
	Professional Development	1	10,000.00	10,000.00	
	In-House Training Material	1	2,000.00	2,000.00	
	Safety & First Aid	12	350.00	4,200.00	

PAGE TOTAL

216,420.00

BUDGET REPORT
2019-2020 Budget Year
01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-663100	PIPELINE REPAIRS				575,000.00
	Major Pipe Repair	1	500,000.00	500,000.00	
	Manhole Repairs and Adjustments	1	75,000.00	75,000.00	
10-60-663200	COR TESTING & MITIGATION				7,500.00
	Misc COR Testing	1	7,500.00	7,500.00	
01-60-663300	REMOTE FACILITIES MAINTENANCE				119,600.00
	Fencing Repairs	1	1,000.00	1,000.00	
	Quick Response Electrical Work	1	50,000.00	50,000.00	
	Minor Facility Repairs	1	10,000.00	10,000.00	
	Repair Parts	12	3,300.00	39,600.00	
	Landscaping Maintenance /Tanksites	1	5,000.00	5,000.00	
	Tool Replacement	1	1,000.00	1,000.00	
	Hoist Inspections	1	9,000.00	9,000.00	
	CP System Maintenance	1	4,000.00	4,000.00	
01-60-663400	PLAN REVIEW- PIPELINE CONFLICT				80,500.00
	JULIE Notification	4	19,000.00	76,000.00	
	Paint for JULIE Locating	1	3,000.00	3,000.00	
	Locating Flags	1	1,500.00	1,500.00	
01-60-663500	PIPELINE EQUIPMENT RENTAL				0.00
01-60-663700	PIPELINE SUPPLIES				35,000.00
	Pipe and Fittings	1	10,000.00	10,000.00	
	Misc. Supplies	1	25,000.00	25,000.00	
01-60-664000	MACHINERY & EQUIPMENT NON-CAP				18,850.00
	Utility Vehicle Tools	1	3,900.00	3,900.00	
	Traffic Barricade Batteries	1	250.00	250.00	
	Office Upgrades / Furniture	1	10,000.00	10,000.00	
	Desks/File Cabinets	2	1,500.00	3,000.00	
	Misc Pipeline Equipment Repairs	1	1,700.00	1,700.00	
01-60-664100	REPAIRS & MAINT- VEHICLES				39,500.00
	Vehicle Maintenance	12	3,000.00	36,000.00	
	Oil Changes	1	3,500.00	3,500.00	
01-60-664200	FUEL- VEHICLES				37,200.00
	Bulk Fuel Purchase	24	1550.00	37,200.00	

PAGE TOTAL

913,150.00

BUDGET REPORT
2019-2020 Budget Year
01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-664300	LICENSES- VEHICLES				2,150.00
	City of Elmhurst	1	2,000.00	2,000.00	
	State of IL	1	150.00	150.00	
01-60-672100	BOND INTEREST- GO BONDS				0.00
01-60-672200	BOND INTEREST- REV BONDS				0.00
	2013 Bond Int Pmts	1	-	-	
	2013 Premium Amortization	1	-	-	
01-60-672300	NOTE INTEREST - DEBT CERT.				0.00
01-60-672400	CAPITAL LEASE INTEREST				0.00
	Copier Lease Interest	1	-	-	
01-60-681000	LEASES				1,000.00
	ISTHA Pipe Crossings	1	500.00	500.00	
	ISTHA SCADA Antenna Use	1	500.00	500.00	
01-60-682000	PERMITS & FEES				14,450.00
	Cook County Maywood Easemt	1	3,500.00	3,500.00	
	IEPA APC Annual Fee	1	2,500.00	2,500.00	
	LPS Title Transfer Insur.	1	1,500.00	1,500.00	
	LPS Title Transfer Insur.	17	250.00	4,250.00	
	Highway Permits	5	100.00	500.00	
	DPCH Permit Fees	1	2,200.00	2,200.00	
01-60-683000	EASEMENTS				0.00
01-60-685100	COMPUTERS				60,800.00
	Replacement Computers	20	1,400.00	28,000.00	
	Replacement Laptops	3	1,200.00	3,600.00	
	Network Hardware	1	10,000.00	10,000.00	
	Tablet Devices	12	1,600.00	19,200.00	
	Scanners	5	-	-	
01-60-685200	OFFICE FURNITURE & EQUIPMT				0.00
01-60-685600	MACHINERY & EQUIPMENT				35,000.00
	Tank Mixer	1	30,000.00	30,000.00	
	Pipe Inspection Camera	1	5,000.00	5,000.00	
01-60-685800	CAPITALIZED EQUIP PURCHASES				(35,000.00)
01-60-686000	VEHICLES				35,000.00
	All Terrain Vehicle	1	35,000.00	35,000.00	
01-60-686800	CAPITALIZED VEHICLE PURCHASES				(35,000.00)
01-60-688000	CAPITALIZED FIXED ASSETS				0.00

PAGE TOTAL

78,400.00

BUDGET REPORT
2019-2020 Budget Year
01 WATER FUND

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-692000	DEPRECIATION- TRANS MAINS				4,950,000.00
	DEPRECIATION FY2019/20			4,950,000.00	
01-60-693000	DEPRECIATION- BUILDINGS				3,000,000.00
	DEPRECIATION FY2019/20			3,000,000.00	
01-60-694000	DEPRECIATION-PUMPING EQUIPMENT				1,744,000.00
	DEPRECIATION FY2019/20			1,744,000.00	
01-60-695200	DEPRECIATION- OFFICE FURN & EQUIP				90,000.00
	DEPRECIATION FY2019/20			90,000.00	
01-60-696000	DEPRECIATION- VEHICLES				100,000.00
	DEPRECIATION FY2019/20			100,000.00	

PAGE TOTAL

9,884,000.00

BUDGET REPORT
2019-2020 Budget Year
01 WATER FUND - CAPITAL IMPROVEMENTS BUDGET

ACCOUNT NO#	ACCOUNT NAME	UNITS	UNIT COST	ITEM ANNUAL TOTAL	ANNUAL BUDGET
01-60-711000	METERING STATIONS				300,000.00
	Bartlett Metering Station	1	300,000.00	300,000.00	
01-60-711500	BARTLETT CONNECTION FACILITIES				1,000,000.00
	TW-3 Supply Line	1	1,000,000.00	1,000,000.00	
01-60-722100	ADDITION OF PUMP				250,000.00
	Addition of Pump #10	1	250,000.00	250,000.00	
01-60-722200	DPS BUILDINGS REHAB & MAINT				1,817,000.00
	Admin Bldg Curtain Wall & Store Fronts	1	850,000.00	850,000.00	
	Disinfection Facility Rehab	1	525,000.00	525,000.00	
	E&W Effluent Vault Rehab	1	210,000.00	210,000.00	
	Reservoir Influent Bldg Rehab	1	107,000.00	107,000.00	
	UPS Replacement	1	125,000.00	125,000.00	
01-60-722300	GENERATION BUILDING REHAB & MAINT				105,000.00
	Humidification System	1	105,000.00	105,000.00	
01-60-741000	REMOTE FACILITIES REHAB & MAINT				150,000.00
	Actuators for all Remote Facilities and Met	1	150,000.00	150,000.00	
01-60-751000	TRANSMISSION MAINS				1,250,000.00
	Replacement of Blow-Off Stems	1	250,000.00	250,000.00	
	Distribution System Upgrades	1	1,000,000.00	1,000,000.00	
01-60-761000	STANDPIPE IMPROVEMENTS				787,500.00
	Tank Site Rehab	1	787,500.00	787,500.00	
01-60-771000	VALVE REHAB & REPLACEMENT				150,000.00
	ROV and Large Valve Repairs	1	150,000.00	150,000.00	
01-60-771200	CONDITION ASSESSMENT				750,000.00
	Condition Assess & Related Projects	1	750,000.00	750,000.00	
01-60-771600	WALL & MASONRY REHAB				1,200,000.00
	ComEd Yard Rehab	1	780,000.00	780,000.00	
	West Discharge Tunnel Rehab	1	420,000.00	420,000.00	
01-60-771700	REPLACEMENT OF SCADA SYSTEM				5,750,000.00
	Replacement of SCADA System	1	4,500,000.00	4,500,000.00	
	Backhaul Radio System	1	450,000.00	450,000.00	
	Security System Upgrades	1	800,000.00	800,000.00	
01-60-771900	HIGH LIFT PUMP REHAB				250,000.00
	High Lift Pump Rehab	1	250,000.00	250,000.00	
01-60-772000	SECURITY SYSTEM UPGRADES				180,000.00
	DPS Electronic Lock Installation	1	180,000.00	180,000.00	
01-60-772100	METER STATION REHAB				400,000.00
	Meter Station Rehab	1	400,000.00	400,000.00	
01-60-798000	CAPITALIZED FIXED ASSETS				(14,339,500.00)
PAGE TOTAL					0.00
TOTAL EXPENDITURES(pages 2-14):					128,954,261.51
NET REVENUES/EXPENDITURES:					2,606,993.70
					(Credit)

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**



DuPage Water Commission MEMORANDUM

TO: John Spatz
General Manager

FROM: Terry McGhee
Manager of Operations

DATE: January 22, 2019

SUBJECT: Capital Improvement Plan

In accordance with Commission policy, the Capital Improvement Plan is reviewed and evaluated by staff relating to each new budget cycle. A draft of the updated plan is then submitted to the Commission for its consideration. This annual document is based on the Commission's anticipated needs for normal operations, emergency operations and improvements to the system.

The plan is divided into two sections – DuPage Pump Station Improvements and Distribution & Storage System Improvements. A summary shows the capital outlay which will be funded through a five-year capital improvement budget with fiscal year breakouts. Each fiscal year's proposed expenditures are included in the financial projection of Commission revenues and expenditures through fiscal year 2023-2024.

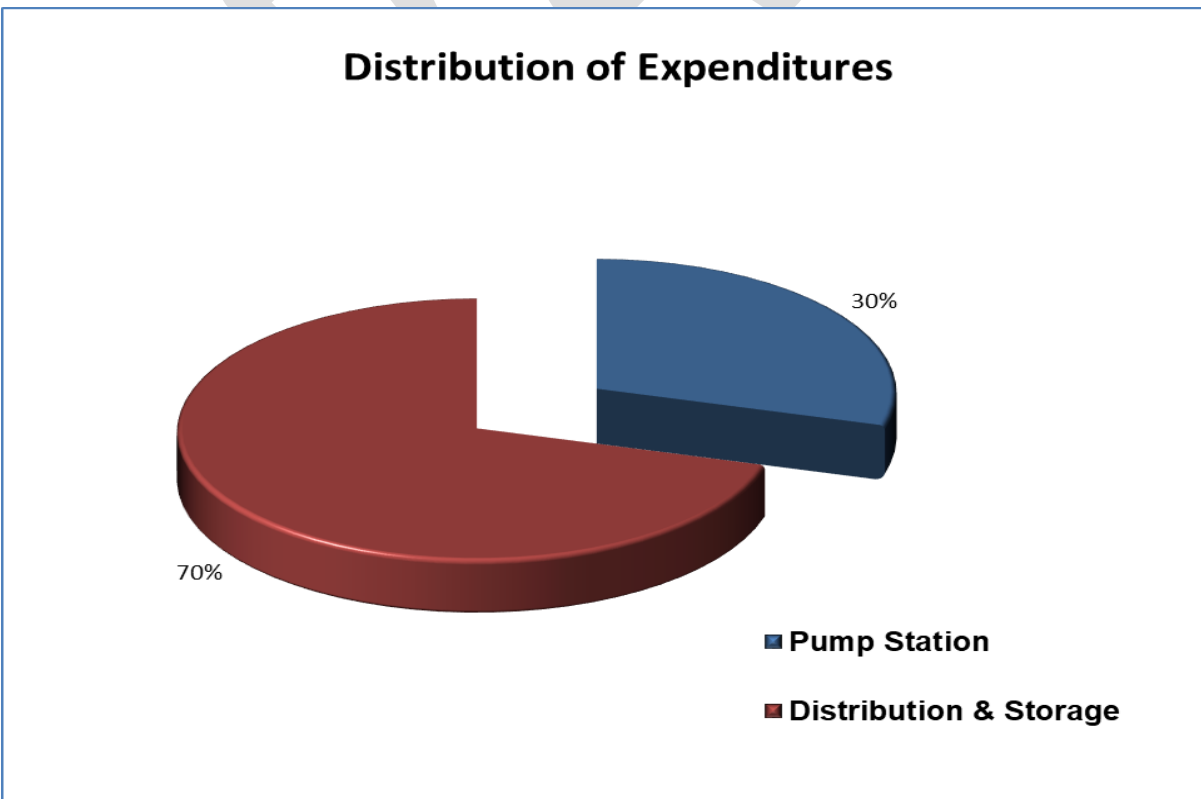
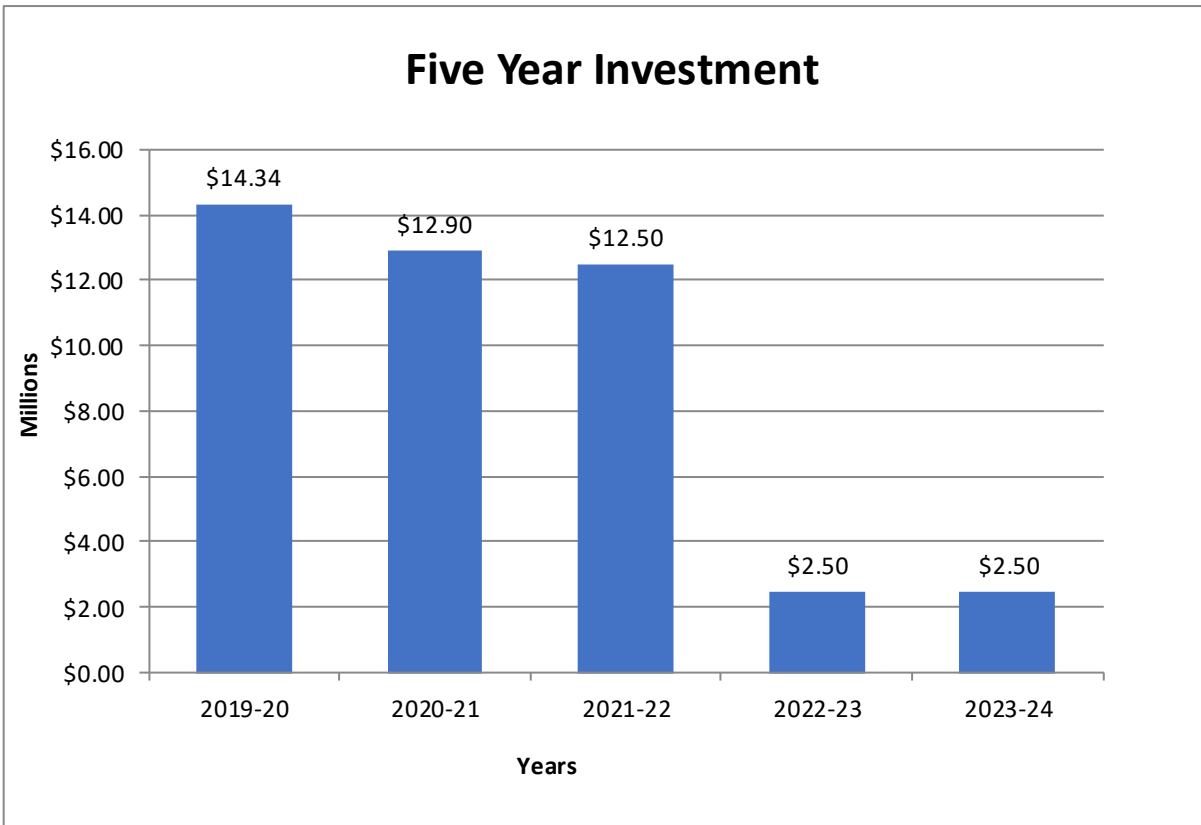
The Commission staff proposes to spend approximately \$44.8 million on 25 projects during the planning period from FY 2019-2020 through FY 2023-2024. The following chart shows the projected annual expenditures over the next five years.

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

Yearly Capital Costs

Projects	2019-20	2020-21	2021-22	2022-23	2023-24
DuPage Pump Station					
Addition of Pump # 10	\$250,000	\$750,000			
Replacement of SCADA System	\$4,500,000	\$1,000,000			
BackHaul Radio	\$450,000				
Security System Upgrades	\$800,000				
UPS Replacement	\$125,000				
Replacement of Storage Area Network (SAN)		\$150,000			
High lift Pump Rehab	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
Admin Bldg./Pump Station Building Rehab	\$1,692,000				
DPS Electronic Locks	\$180,000				
Generator Bldg. Humidification System	\$105,000				
ComEd Yard Rehab	\$780,000				
West Discharge Tunnel Rehab	\$420,000				
Replacement of Roof-Mounted Exhaust Fans			\$300,000		
Replacement of Wall-Mounted Supply Fans			\$300,000		
Replacement of Chillers			\$150,000		
Distribution System					
Meter Station Valve Replacement	\$150,000				
Condition Assessment	\$750,000	\$250,000	\$1,000,000	\$250,000	\$250,000
Replacement of Blow-Off Stems	\$250,000				
ROV and Large Valve Repair	\$150,000				
Cathodic Protection Construction FY 20/21		\$500,000	\$500,000	\$1,000,000	\$1,000,000
Distribution System Upgrades	\$1,000,000	\$10,000,000	\$10,000,000	\$1,000,000	\$1,000,000
Tanksite Improvements	\$787,500				
Bartlett Supply Line	\$1,000,000				
Bartlett Meter station	\$300,000				
Meter Station Rehab	\$400,000				
Totals	\$14,339,500	\$12,900,000	\$12,500,000	\$2,500,000	\$2,500,000

DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN



**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

DUPAGE PUMP STATION IMPROVEMENTS



**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Pump #10

LOCATION: DuPage Pumping Station

DESCRIPTION: Install 30 MGD split case centrifugal pump, 1750 H.P. motor, and associated piping in space reserved for future pump.

PURPOSE: To increase pumping capacity from 185 MGD to 205 MGD to satisfy future demand requirements.

BENEFIT: To keep up with current rising water demand, new customers, and maintain current ability to remove pumps from service without reducing pumping capacity.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

LAND/ROW: Improvements to be constructed on property owned by the Commission.

COST: \$1,000,000

TIMING: Fiscal year 2019-2021 – Engineering & Installation

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: SCADA

LOCATION: DuPage Pumping Station

DESCRIPTION: Replace the Commission Current Supervisory Control and Data Acquisition (SCADA) system.

PURPOSE: The current SCADA system has been in place since 1991 with two major hardware and software upgrades over the years. The system is a sole source proprietary system from a manufacturer in California. The only source of support is in California.

BENEFIT: The Commission would like to replace the SCADA system with an open source system where there are multiple local vendors available for support.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

LAND/ROW: Improvements to be constructed on property owned by the Commission.

COST: \$5,500,000

TIMING: Fiscal year 2019-2021 – Engineering/installation/implementation

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Radio Back-Haul System

LOCATION: DuPage Pumping Station / Remote Sites

DESCRIPTION: Replace existing dedicated phone line with a microwave radio system or dedicated fiber optic lines that will transmit SCADA field data between the Commission's master radio and the Commission headquarters. This project will be completed in conjunction with the SCADA system replacement and security System upgrades.

PURPOSE: Elimination of cost to support AT&T phone lines and increase reliability of the Commission communication system.

BENEFIT: The microwave radio system or dedicated fiber optic lines would impose communication up-time and reduce long term maintenance and support costs from AT&T.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

LAND/ROW: Improvements to be constructed on property leased by the Commission.

COST: \$450,000

TIMING: Fiscal year 2019-2020 – Engineering & Installation

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: **Security Upgrades**

LOCATION: DuPage Pumping Station / Remote Sites

DESCRIPTION: Upgrade and augment existing surveillance cameras, fencing, intrusion detection, and security communication systems at the Commission Pumping Station and remote facilities.

PURPOSE: Maintain the Commission ability to monitor and protect its assets from vandalism or security threats.

BENEFIT: Provide the Commission with the most current, reliable, cost efficient, and up to date security system. Securing the Commission assets is essential to providing clean and safe water to the resident of DuPage County

ESTIMATED COST: (CURRENT YEAR DOLLARS)

LAND/ROW: Improvements to be constructed on property owned by the Commission.

COST: \$800,000

TIMING: Fiscal years 2019-2020 – Engineering & Installation

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Uninterruptable Power Supply (UPS) Replacement

LOCATION: DuPage Pumping Station

DESCRIPTION: Replace the existing redundant UPS system in the Commission's Pumping Station with the most current model and technology.

PURPOSE: The existing UPS system was installed in 2005 and is now obsolete by the manufacturer.

BENEFIT: Maintain reliable power for critical systems: Switchgear and Motor Control Centers, Network server computers, Control Room and SCADA system.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

LAND/ROW: Improvements to be constructed on property owned by the Commission.

COST: \$125,000

TIMING: Fiscal years 2019-2020 – Engineering & Installation

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Replacement of Storage Area Network (SAN)

LOCATION: DuPage Pumping Station

DESCRIPTION: The SAN system is the storage environment used by the virtual network server computers. This project will replace the existing Storage Area Network (SAN) system at the Commission's Pumping Station with the most current system and technology.

PURPOSE: This system was installed in March 2013 with a 5-year full warranty. The system has reached its end of life and technology has now changed, and HP has stopped supporting the existing SAN system.

BENEFIT: Provide the Commission with the most current, reliable, cost efficient, and up to date SAN system. Insuring trouble-free storage environment for the next 5 to 10 years.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

LAND/ROW: Improvements to be constructed on property owned by the Commission.

COST: \$150,000

TIMING: Fiscal years 2020-2021 – Engineering & Installation

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: High Lift Pump Repair

LOCATION: DuPage Pumping Station

DESCRIPTION: Develop and issue repair contract for: removing each vertical main pump (Pumps No. 1, 2, and 3) shipping the pumps to an offsite specialty facility for repair and reconditioning of the pumps

PURPOSE: There is excessive leakage from mechanical seals on the three (3) vertical main pumps, particularly pumps No. 1 & 2. Attempts to resolve the seal leakage issue through field service have not been successful over the long term.

BENEFIT: Repairing the pumps will help to extend their useful life while eliminating safety and housecleaning issued caused by the water leakage.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

COST: \$1,250,000

TIMING: Fiscal years 2019-2024 – Work Completion

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Administration Building Exterior and Interior Rehabilitation

LOCATION: DuPage Pumping Station

DESCRIPTION: This project will rehabilitate exterior and interior portions of the Administration Building/Pump Station.

PURPOSE: The Administration Building / Pump Station is approximately 25 years old. Areas of the building have deteriorated due to the normal effects of weather on the structure and its time in service. The major findings from the assessment are summarized below:

- Window systems do not operate properly allowing air and water to leak into the building
- Corrosion of exterior door hardware and lintels
- Water damage and peeling paint in various areas
- Additional cracks and spalls of the interior glazed concrete block in various areas of the pump station.

BENEFIT: Rehabilitation of these issues will return building to near original condition and increase life expectancies.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

COST: \$1,692,000

TIMING: Fiscal years 2019-2020 – Work Completion

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: **Electronic Lock Installation**

LOCATION: DuPage Pumping Station & Remote Facilities

DESCRIPTION: This project will replace all the building locks and padlocks with high security electronic locks.

PURPOSE: This project will allow the Commission to standardize on a single keying system that can handle all of the Commissions security needs. The system also provides the ability to allow temporary access to contractors and non-Commission workers without the fear of duplicating keys.

BENEFIT: This system also allows the Commission to manage its key inventory in a more efficient manner, keys can be activated and deactivated as necessary preventing the need to rekey all locks if keys are lost or stolen.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

COST: \$180,000

TIMING: Fiscal years 2018-2019 – Work Completion

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: **Generation Building Humidification System**

LOCATION: DuPage Pumping Station

DESCRIPTION: Installation of a humidification system to condition the air in Generation Building office space.

PURPOSE: This project will enhance the working environment throughout the buildings and decrease the buildup of static electricity.

BENEFIT: Installation of this system will enhance the environment throughout the buildings and help protect computers and other electrical equipment from static discharges.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

COST: \$105,000

TIMING: Fiscal year 2019-2020 – Work Completion

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: ComEd Yard Rehabilitation

LOCATION: DuPage Pumping Station

DESCRIPTION: This project will include rehabilitation and or replacement of portions of the ComEd Yard security and blast walls.

PURPOSE: During the condition assessment several signs of deterioration were identified. Work will include:

- Masonry tuckpointing and restoration
- Replacement of wall seals
- Painting of corroded metallic surfaces
- Repair of cracked or deteriorated concrete areas
- Sealing of water leakage at cracks

BENEFIT: Rehabilitation or replacement of issues will return ComEd Yard to near original condition and increase life expectancies.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

COST: \$780,000

TIMING: Fiscal year 2019-2020 – Work Completion

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: West Discharge Tunnel Rehabilitation

LOCATION: DuPage Pumping Station

DESCRIPTION: This project will include possible excavation of area surrounding the west discharge pipe and identify areas of water infiltration and damaged concrete wall and or seals.

PURPOSE: During the condition assessment several signs of deterioration were identified. Work will include:

- Sealing of water leakage at wall penetration
- Masonry tuckpointing and restoration
- Replacement of link-seals as needed
- Painting of corroded metallic surfaces
- Repair of cracked or deteriorated concrete areas

BENEFIT: Eliminate water infiltration into pump station around west discharge piping and prevent damage to pipe and surrounding concrete.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

COST: \$420,000

TIMING: Fiscal year 2019-2020 – Work Completion

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Replacement of Roof Mounted Exhaust Fans

LOCATION: DuPage Pumping Station

DESCRIPTION: This project will replace the roof mounted exhaust fans that have exceeded their useful life as called out in the Commission's 2015 Condition Assessment.

PURPOSE: This project will replace existing roof mounted exhaust fans with new high efficiency fans.

BENEFIT: Replacement of these fans will increase the efficiency of air movement throughout the buildings and decrease energy cost.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

COST: \$300,000

TIMING: Fiscal year 2021-2022 – Work Completion

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Replacement of Wall Mounted Supply Fans

LOCATION: DuPage Pumping Station

DESCRIPTION: This project will replace the wall mounted supply fans that have exceeded their useful life as called out in the Commission's 2015 Condition Assessment.

PURPOSE: This project will replace existing wall mounted supply fans with new high efficiency fans.

BENEFIT: Replacement of these fans will increase the efficiency of air movement throughout the buildings and decrease energy cost.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

COST: \$300,000

TIMING: Fiscal year 2021-2022 – Work Completion

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Replacement of Chillers

LOCATION: DuPage Pumping Station

DESCRIPTION: This project will replace the roof mounted chillers that have exceeded their useful life as called out in the Commission's 2015 Condition Assessment.

PURPOSE: This project will replace existing chillers with new higher efficiency units.

BENEFIT: Replacement of these chillers will increase the efficiency of conditioning of the environment throughout the buildings and decrease energy cost.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

COST: \$150,000

TIMING: Fiscal year 2021-2022 – Work Completion

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

DISTRIBUTION & STORAGE IMPROVEMENTS



**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Condition Assessment Remediation

LOCATION: Various Locations within Cook and DuPage Counties

DESCRIPTION: Address any deficiencies identified in the Condition Assessment Report.

PURPOSE: Deficiencies identified to primary, backup, or ancillary equipment would be rectified to prevent any system failures.

BENEFIT: Remediation of problems, possible structural defects, or equipment inadequacies in the Commission assets. This remediation will help avoid any concerns that could affect the Commission's ability to deliver water either short or long term.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

ENGINEERING: \$2,500,000

TIMING: Fiscal years 2019-2024 – Engineering

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Replacement of Blow-off Valves Stems

LOCATION: Various Locations within Cook and DuPage Counties

DESCRIPTION: Replacement of Blow-off valve stem risers that have corroded over the years. The original hollow core risers will be replaced with solid core Aluminum riser that have a much longer life span.

PURPOSE: As the current valve stems continue to age and corrode, they are starting to break when operated. These failures increase the time and costs to facilitate pipeline repairs and routine maintenance. As a result, it may extend the length of pipeline isolations which interrupts the supply to Commission customers.

BENEFIT: Eliminate the possible inability to operate the Commission's transmission line valves when needed.

ESTIMATED COST (CURRENT YEAR DOLLARS)

LAND/ROW: Improvements to be constructed on property presently owned by the Commission.

COST: \$250,000

TIMING: Fiscal years 2019-2020 – Engineering & Construction

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: ROV and Large Valve Repair

LOCATION: Various Locations within Cook and DuPage Counties

DESCRIPTION: Replace existing VFD with upgraded units that will allow for increased efficiency and ease of operation

PURPOSE: As the current valves continue to age, they are starting to fail when operated. These failures increase the time and costs to facilitate pipeline repairs and routine maintenance. As a result, it may extend the length of pipeline isolations which interrupts the supply to Commission customers.

BENEFIT: Eliminate the need to utilize multiple valves during transmission line shutdowns and reduce interrupts in service to our customers.

ESTIMATED COST (CURRENT YEAR DOLLARS)

COST: \$150,000

TIMING: Fiscal years 2019-2020 – Legal - Engineering - Construction

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: **Cathodic Protection of Steel Water Mains**

LOCATION: Various Locations within Cook and DuPage Counties

DESCRIPTION: Design and construction of corrosion mitigation measures for steel water mains.

PURPOSE: Mitigating the influences of corrosion, and/or stray electrical current, on the Commission's steel water mains.

BENEFIT: Extend the life of the water mains which will increase the time between replacement and decrease the amount of water lost due to leakage.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

LAND/ROW: Improvements to be constructed on Public Right of Way or Commission Easements.

COST: \$3,000,000

TIMING: Fiscal years 2020-2024 – Construction

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: **Distribution System Upgrades**

LOCATION: Various Locations within Cook and DuPage Counties

DESCRIPTION: Enhancements to the Commission distribution system which will provide redundancy and allow for maintenance of valves, pipes, and other structures in the distribution system

PURPOSE: As water demands have changed through the years it has become necessary to increase the Commission ability to move water around the system. These enhancements will allow for redundant flow paths and a reduction in hydraulic stresses caused by partial system shutdowns. They will also help reduce the extent and duration of pipeline isolations which may alter normal flow patterns to our customers.

BENEFIT: Eliminate current hydraulic bottlenecks and increase the Commission ability to re-route flow pattern during repairs or shutdowns while insuring a reliable delivery system for our customers.

ESTIMATED COST (CURRENT YEAR DOLLARS)

LAND/ROW: Improvements to be constructed in Right of Way

COST: \$23,000,000

TIMING: Fiscal years 2019-2024 – Construction

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Tank Site Improvements

LOCATION: Various Locations within DuPage Counties

DESCRIPTION: Repairs and replacement of landscaping, driveways, fencing, and other various site improvements.

PURPOSE: Weather and time have taken their toll on the grounds surrounding our Tank sites. This project will restore grades and improve drainage as well as improving the access and security at our Tank Sites

BENEFIT: Extend the life and help eliminate future erosion of the sites while insuring safe and secure facilities.

ESTIMATED COST (CURRENT YEAR DOLLARS)

LAND/ROW: Improvements to be constructed in Right of Way

COST: \$787,500

TIMING: Fiscal years 2019-2020 – Construction

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Bartlett Supply line

LOCATION: Various Locations within Cook and DuPage Counties

DESCRIPTION: All costs associated with the installation of a water main and construction of connection facilities to delivery Lake Michigan Water to the Village of Bartlett.

PURPOSE: The Village of Bartlett has requested to become a customer of the DuPage Water Commission. This project will build and install the necessary assets to deliver Lake Michigan Water to the residents of Bartlett.

BENEFIT: Delivery of Lake Michigan Water to the Village of Bartlett.

ESTIMATED COST (CURRENT YEAR DOLLARS)

COST: \$1,000,000

TIMING: Fiscal years 2019-2020 – Legal - Engineering - Construction

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

CUSTOMER METERING FACILITIES



**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Meter Station Valve Replacement

LOCATION: Various Locations within Cook and DuPage Counties

DESCRIPTION: Replace and upgrade all 34 of the electrically operated valve actuators in the Remotely Operated Valve (ROV) vaults.

PURPOSE: The existing units are original approaching their useful life of 30 years according to the Condition Assessment Report. The vault interiors are a harsh environment for the equipment because of the ever-present damp to wet conditions. Replacement parts are getting harder to acquire. Most of the electric actuators require making a confined space entry to operate locally.

BENEFIT: New electric valve actuators will provide another 30 years of reliable service and they will have the operating controls located in the above ground control cabinet.

ESTIMATED COST (CURRENT YEAR DOLLARS)

COST: \$150,000

TIMING: Fiscal years 2019-2020 – Legal - Engineering - Construction

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Bartlett Connection Facility

LOCATION: Village of Bartlett

DESCRIPTION: Construction of the connection facility that will allow Lake Michigan water to the Village of Bartlett.

PURPOSE: Supply a facility to house the meters, instrumentation, control valves, and security system necessary to connect the Bartlett supply line to their pressure adjusting station.

BENEFIT: This facility will allow the commission to record and monitor all water flowing to the Village of Bartlett.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

LAND/ROW: Improvements to be constructed on Commission owned property.

COST: \$300,000

TIMING: Fiscal years 2019-2020 – Installation

**DUPAGE WATER COMMISSION
2019 – 2024
FIVE YEAR CAPITAL IMPROVEMENT PLAN**

PROJECT: Meter Station Rehabilitation

LOCATION: Multiple locations throughout DuPage County

DESCRIPTION: This project will rehabilitate exterior and interior portions of the Meter stations and surrounding areas.

PURPOSE: This project will include the following related work for the equipment and the facility:

- Masonry tuckpointing and restoration
- Replacement of exterior door hardware and painting of lintel
- Painting of corroded interior handrails and other metallic surfaces
- Painting of corroded process piping, valves and equipment
- Sealing of water leakage at wall penetrations and cracks
- Repair of cracked or deteriorated concrete areas
- Site grading and landscape restoration

BENEFIT: Rehabilitation of these issues will return building to near original condition and increase life expectancies.

ESTIMATED COST: (CURRENT YEAR DOLLARS)

LAND/ROW: Improvements to be constructed on property presently owned by the Commission.

COST: \$400,000

TIMING: Fiscal year 2019-2020